

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055858.D
 Acq On : 1 Dec 2022 16:37
 Operator : CG/JU
 Sample : N5823-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OE-2-113022

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055858.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.257	328	335	345	rBV	199534	322543	12.14%	0.838%
2	5.745	410	418	432	rBV	756575	1233059	46.42%	3.203%
3	7.360	684	693	707	rBV	723429	1296708	48.81%	3.369%
4	8.207	831	837	845	rVB	142833	239075	9.00%	0.621%
5	9.382	1029	1037	1050	rVB	451996	848050	31.92%	2.203%
6	10.422	1209	1214	1220	rBV3	20128	34449	1.30%	0.089%
7	10.974	1299	1308	1312	rBV	55710	94796	3.57%	0.246%
8	11.033	1312	1318	1324	rVV	191911	360026	13.55%	0.935%
9	11.085	1324	1327	1333	rVV2	24237	40769	1.53%	0.106%
10	11.162	1333	1340	1346	rVB3	21262	41714	1.57%	0.108%
11	11.720	1426	1435	1440	rBV9	16057	40437	1.52%	0.105%
12	12.014	1477	1485	1490	rBV3	22264	37988	1.43%	0.099%
13	12.214	1513	1519	1526	rBV3	26601	48575	1.83%	0.126%
14	12.407	1545	1552	1560	rBV	91004	142466	5.36%	0.370%
15	12.672	1593	1597	1605	rVB	42558	71672	2.70%	0.186%
16	12.895	1626	1635	1644	rBV3	51432	129912	4.89%	0.337%
17	13.348	1706	1712	1716	rBV5	25887	39089	1.47%	0.102%
18	13.459	1723	1731	1741	rVB	1125577	1818030	68.44%	4.723%
19	13.630	1754	1760	1765	rBV	119846	174503	6.57%	0.453%
20	14.000	1817	1823	1824	rBV5	28692	46468	1.75%	0.121%
21	14.152	1844	1849	1854	rBV2	69854	119952	4.52%	0.312%
22	14.205	1854	1858	1863	rVB3	45063	67786	2.55%	0.176%
23	14.282	1868	1871	1875	rVB2	40749	53608	2.02%	0.139%
24	14.329	1875	1879	1884	rVB4	21962	39658	1.49%	0.103%
25	14.393	1884	1890	1899	rBV4	46920	99757	3.76%	0.259%
26	14.558	1913	1918	1926	rBV2	40283	75825	2.85%	0.197%
27	14.693	1937	1941	1946	rVB	127176	157322	5.92%	0.409%
28	14.834	1950	1965	1970	rBV	299747	529667	19.94%	1.376%
29	14.899	1970	1976	1982	rVV	152984	246756	9.29%	0.641%
30	14.957	1983	1986	1993	rVB2	23987	40988	1.54%	0.106%
31	15.040	1993	2000	2006	rBV4	23307	58182	2.19%	0.151%
32	15.228	2022	2032	2039	rVB2	112216	232308	8.75%	0.604%
33	15.298	2039	2044	2052	rBV4	51416	95957	3.61%	0.249%
34	15.439	2062	2068	2073	rBV4	41252	87282	3.29%	0.227%
35	15.492	2073	2077	2081	rVB	28352	42349	1.59%	0.110%
36	15.639	2098	2102	2108	rVB	147431	190020	7.15%	0.494%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.774	2123	2125	2130	rVB4	24217	34523	1.30%	0.090%
38	15.874	2136	2142	2150	rBV	260185	423836	15.96%	1.101%
39	16.038	2165	2170	2175	rVB3	54115	96062	3.62%	0.250%
40	16.168	2182	2192	2199	rVB3	74793	179704	6.76%	0.467%
41	16.315	2211	2217	2225	rBV	983412	1524450	57.39%	3.960%
42	16.497	2244	2248	2252	rBV	127186	199733	7.52%	0.519%
43	16.873	2302	2312	2316	rBV3	79291	196463	7.40%	0.510%
44	16.920	2317	2320	2325	rVB2	40229	60941	2.29%	0.158%
45	17.020	2332	2337	2341	rVB3	40717	76601	2.88%	0.199%
46	17.073	2342	2346	2348	rBV5	26192	38292	1.44%	0.099%
47	17.225	2367	2372	2378	rVV2	54487	88569	3.33%	0.230%
48	17.290	2379	2383	2388	rVV2	138886	182499	6.87%	0.474%
49	17.343	2388	2392	2396	rVV2	43533	67838	2.55%	0.176%
50	17.390	2396	2400	2407	rVB	122578	192252	7.24%	0.499%
51	17.578	2426	2432	2434	rBV	348226	548642	20.65%	1.425%
52	17.619	2434	2439	2445	rVV	1544447	2379496	89.57%	6.182%
53	17.707	2445	2454	2459	rVV	338208	536428	20.19%	1.394%
54	17.760	2461	2463	2468	rVB	48262	65317	2.46%	0.170%
55	17.972	2492	2499	2505	rBV	205526	356783	13.43%	0.927%
56	18.030	2505	2509	2514	rVB	103659	128061	4.82%	0.333%
57	18.083	2514	2518	2522	rBV	45733	64097	2.41%	0.167%
58	18.154	2525	2530	2534	rVB	88149	123678	4.66%	0.321%
59	18.201	2534	2538	2545	rVB	137128	180618	6.80%	0.469%
60	18.295	2549	2554	2563	rVB	55737	111720	4.21%	0.290%
61	18.442	2573	2579	2584	rBV	310783	602533	22.68%	1.565%
62	18.494	2584	2588	2593	rVB	345997	499411	18.80%	1.297%
63	18.571	2597	2601	2606	rVB	104110	145391	5.47%	0.378%
64	18.641	2606	2613	2617	rBV2	401455	824201	31.03%	2.141%
65	18.677	2617	2619	2623	rVB	183171	187726	7.07%	0.488%
66	18.718	2623	2626	2629	rBV	66678	73220	2.76%	0.190%
67	18.782	2634	2637	2641	rBV3	28207	37354	1.41%	0.097%
68	18.835	2644	2646	2650	rVB	35058	40454	1.52%	0.105%
69	18.935	2658	2663	2667	rBV	175176	260884	9.82%	0.678%
70	18.982	2667	2671	2680	rVB2	109610	200146	7.53%	0.520%
71	19.176	2696	2704	2708	rBV3	79359	166655	6.27%	0.433%
72	19.229	2709	2713	2716	rBV	73436	93097	3.50%	0.242%
73	19.264	2716	2719	2723	rVB2	59351	79683	3.00%	0.207%
74	19.335	2726	2731	2734	rBV3	645489	939336	35.36%	2.440%
75	19.493	2753	2758	2764	rBV3	169627	316200	11.90%	0.821%
76	19.617	2773	2779	2784	rVB	1817838	2656434	100.00%	6.901%

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77	19.670	2784	2788	2789	rBV	48469	56986	2.15%	0.148%
78	19.858	2817	2820	2826	rVB	77174	119755	4.51%	0.311%
79	19.910	2826	2829	2830	rVV	42993	42969	1.62%	0.112%
80	19.946	2830	2835	2836	rVV2	276290	405501	15.26%	1.053%
81	19.981	2836	2841	2847	rVV	1611693	2401059	90.39%	6.238%
82	20.040	2847	2851	2856	rVB2	121422	169591	6.38%	0.441%
83	20.163	2866	2872	2876	rVB	1950638	2651162	99.80%	6.887%
84	20.298	2888	2895	2901	rBV2	166367	391098	14.72%	1.016%
85	20.351	2901	2904	2907	rBV2	40376	55654	2.10%	0.145%
86	20.433	2915	2918	2920	rBV2	111703	150646	5.67%	0.391%
87	20.463	2920	2923	2931	rVB	302920	425762	16.03%	1.106%
88	20.563	2935	2940	2944	rBV	198732	280313	10.55%	0.728%
89	20.621	2946	2950	2953	rVB2	177718	231639	8.72%	0.602%
90	20.757	2970	2973	2977	rBV	150616	208602	7.85%	0.542%
91	20.804	2978	2981	2992	rVB	182672	314747	11.85%	0.818%
92	21.232	3051	3054	3061	rVB	144790	228869	8.62%	0.595%
93	21.426	3084	3087	3090	rBV	74667	92412	3.48%	0.240%
94	21.520	3100	3103	3108	rVB2	106809	166768	6.28%	0.433%
95	21.849	3152	3159	3165	rBV3	772938	1934801	72.83%	5.026%
96	21.908	3165	3169	3181	rVB	560941	1085707	40.87%	2.821%
97	22.073	3193	3197	3202	rVB	90395	139147	5.24%	0.361%
98	24.164	3546	3553	3562	rBV	331911	1177647	44.33%	3.059%
99	24.928	3677	3683	3697	rVB	214639	629414	23.69%	1.635%
100	25.081	3702	3709	3722	rVB	310690	955817	35.98%	2.483%

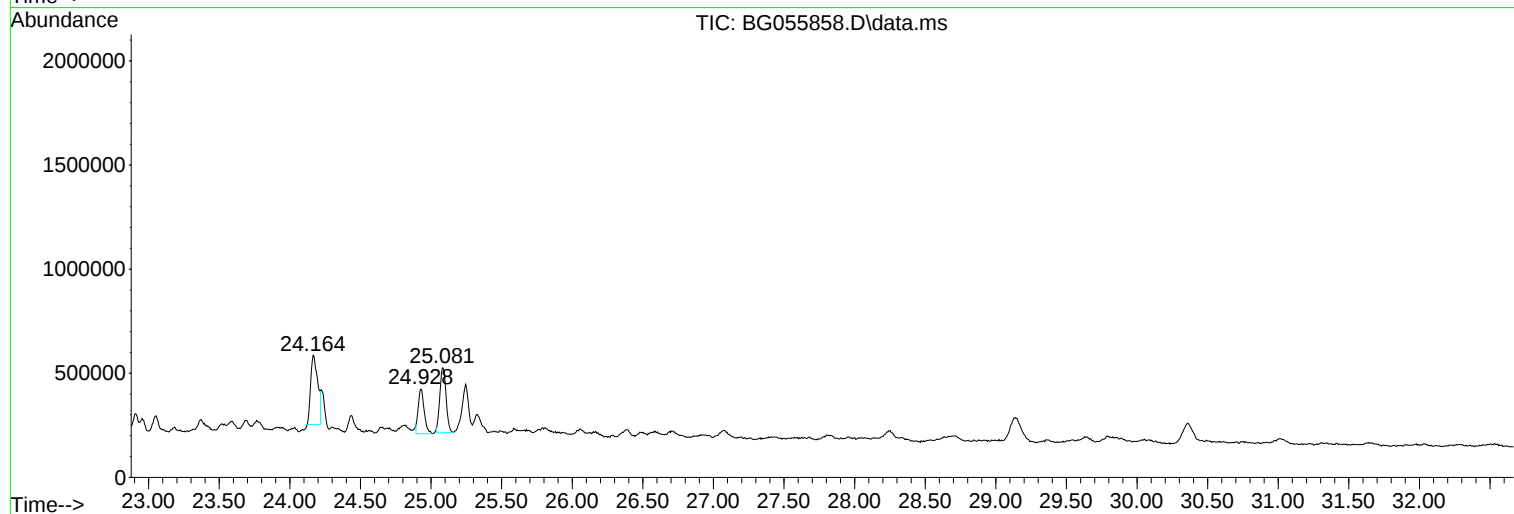
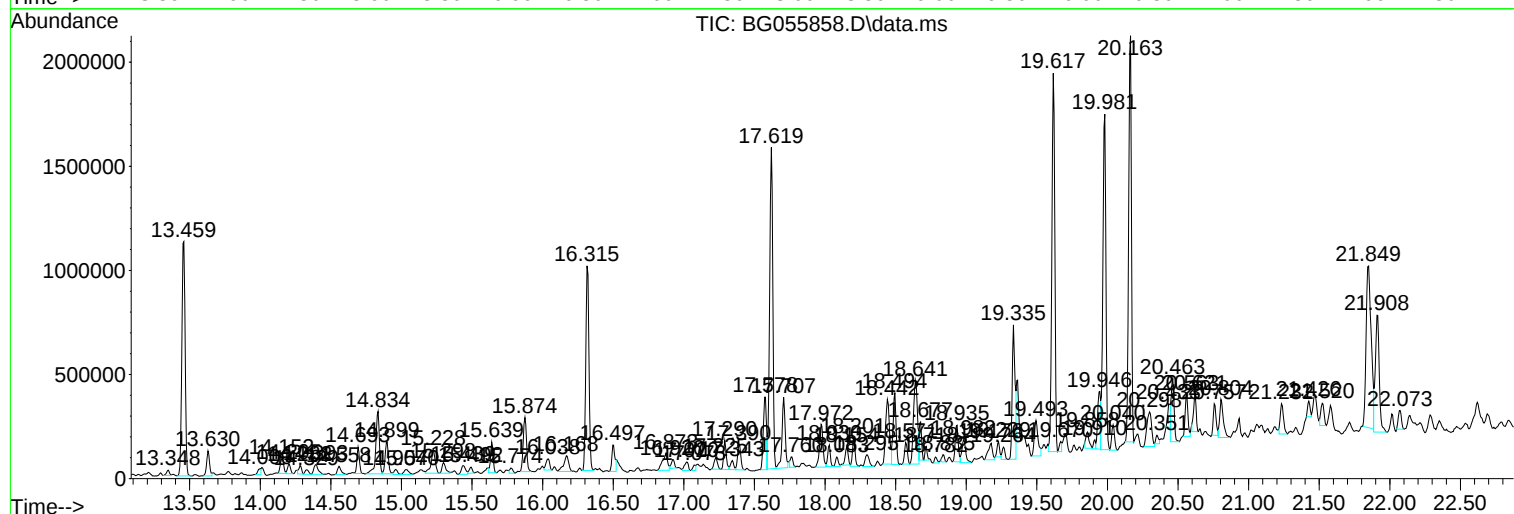
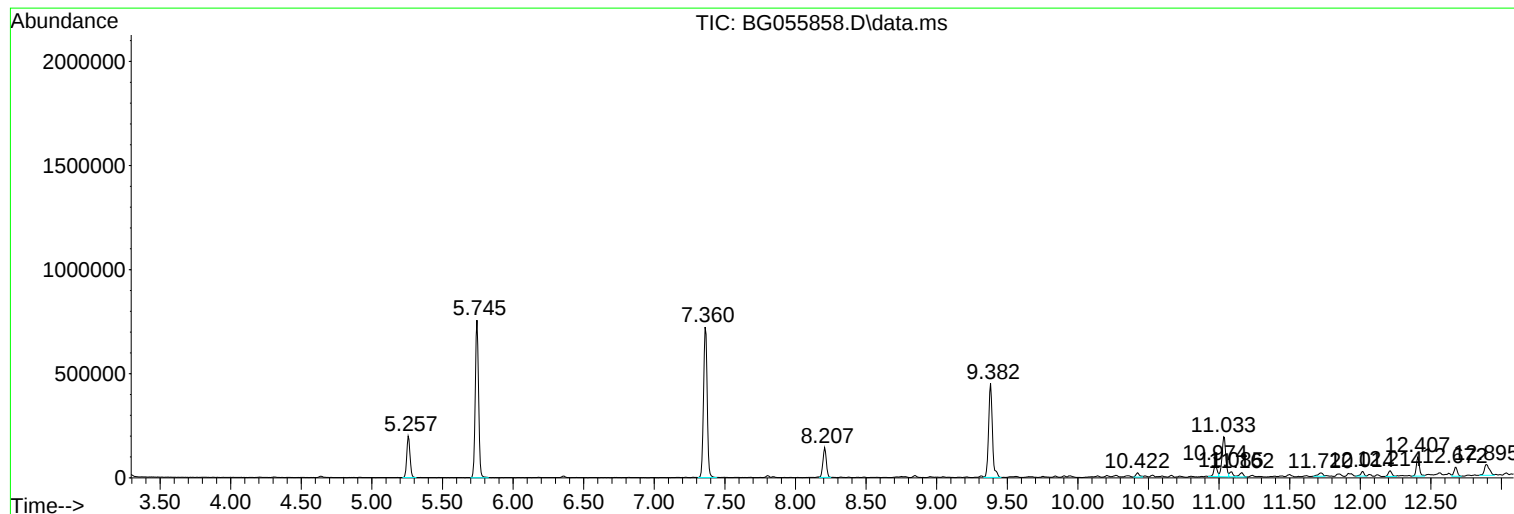
Sum of corrected areas: 38493140

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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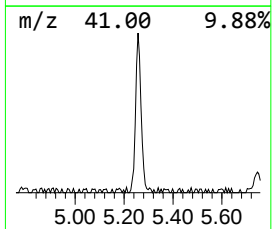
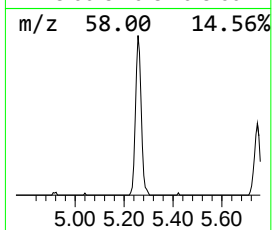
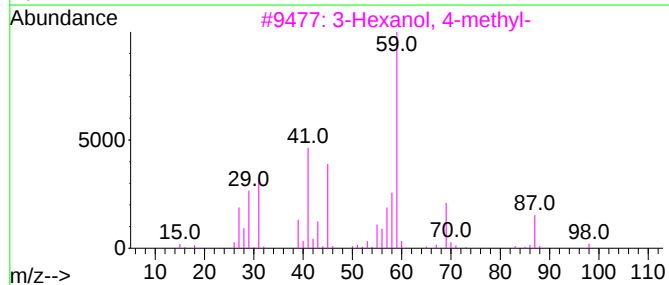
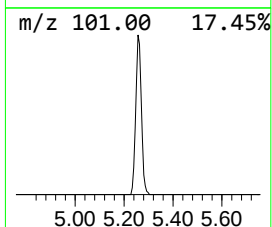
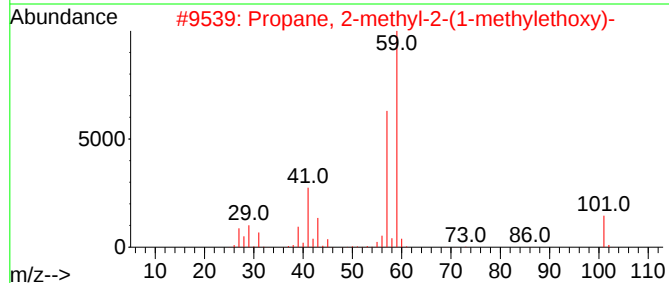
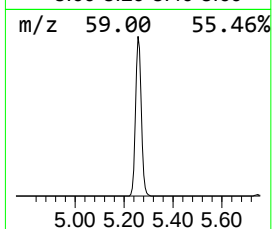
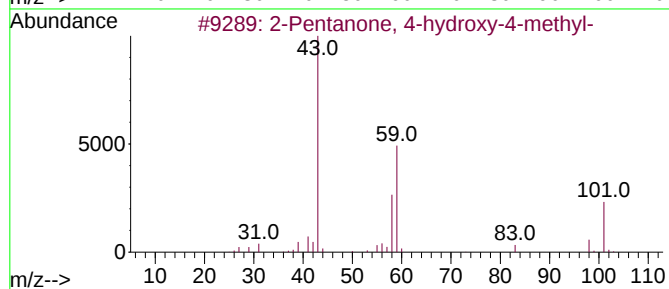
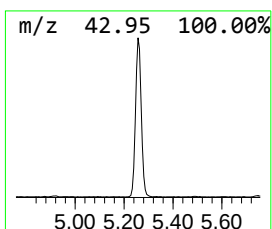
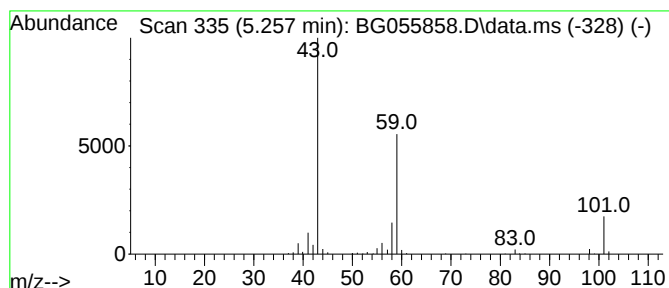
Instrument :
BNA_G
ClientSampleId :
OE-2-113022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.257	26.98 ng	322543	1,4-Dichlorobenzene-d4	8.207	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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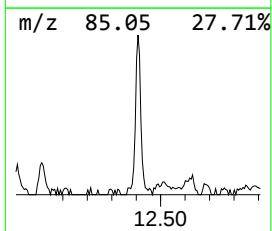
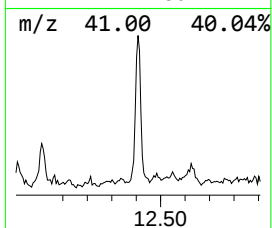
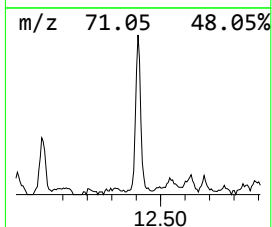
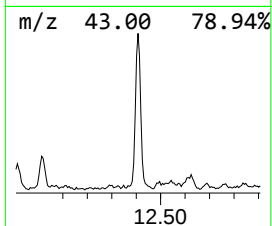
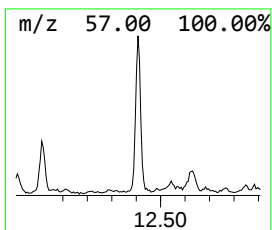
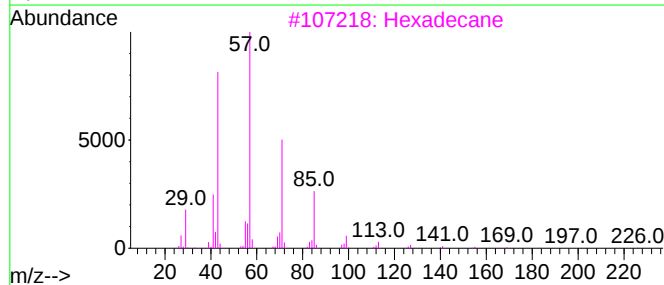
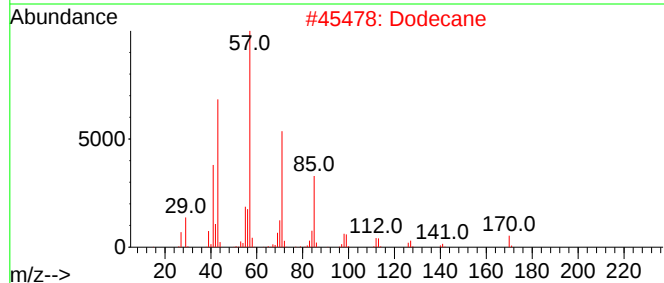
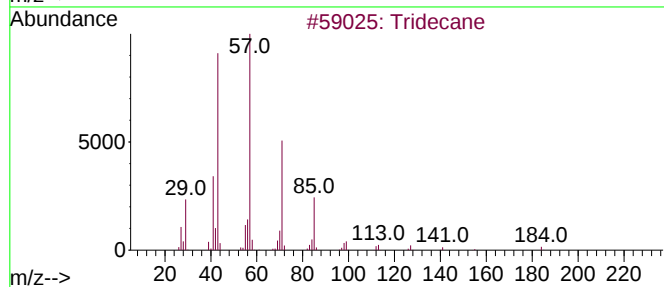
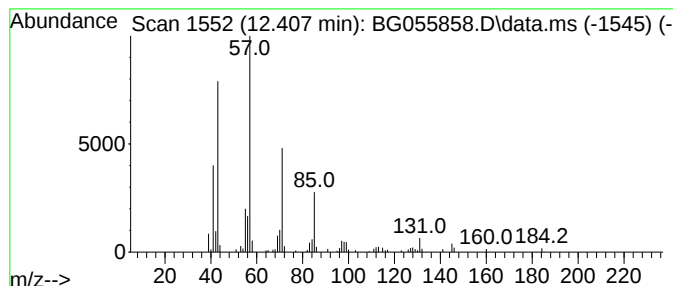
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.408	7.91 ng	142466	Naphthalene-d8	11.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Dodecane	170	C12H26	000112-40-3	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
5		Tetradecane	198	C14H30	000629-59-4	72



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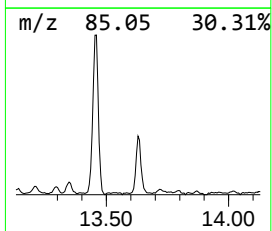
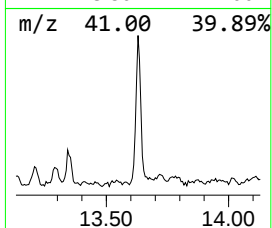
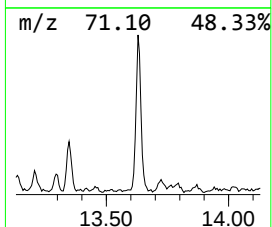
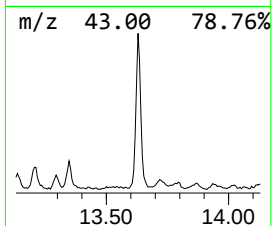
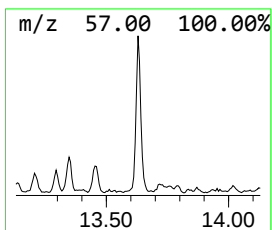
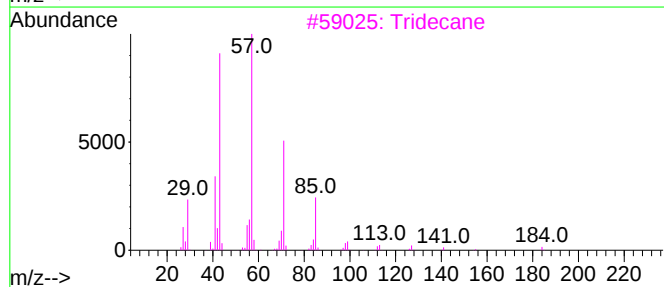
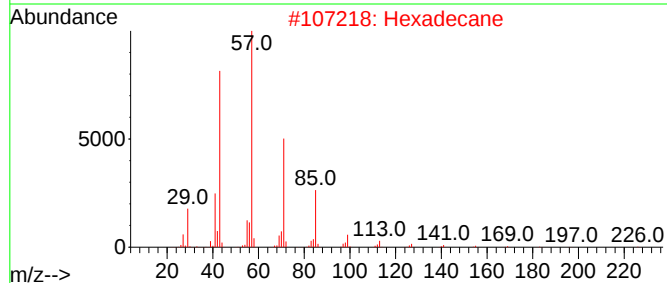
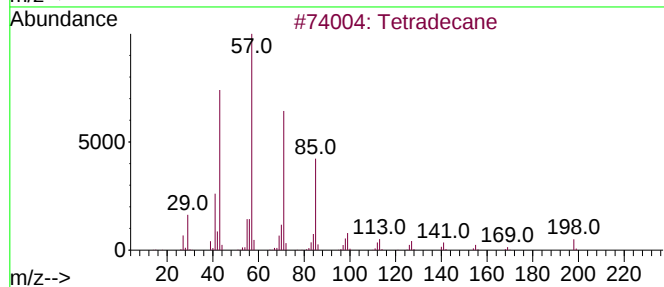
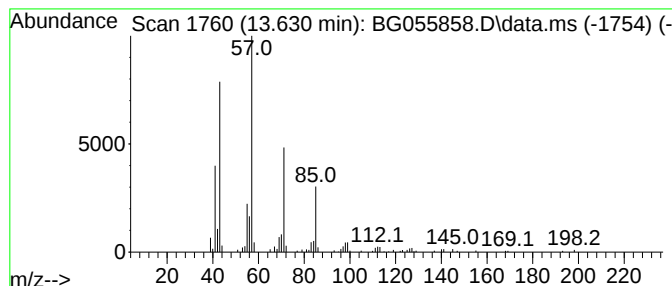
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	6.59 ng	174503	Acenaphthene-d10	14.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OE-2-113022

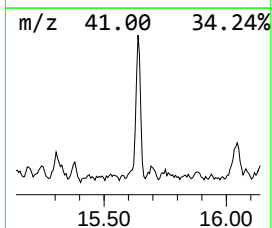
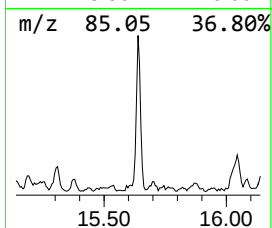
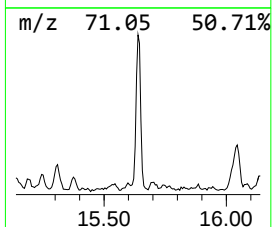
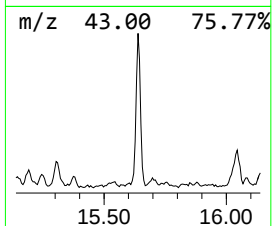
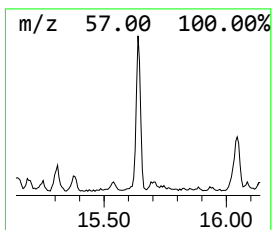
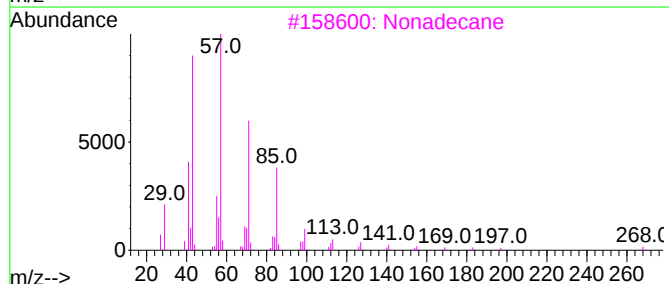
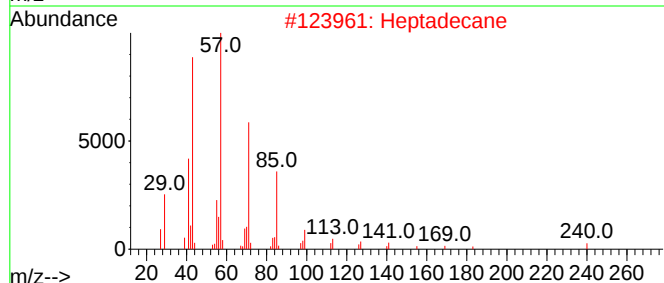
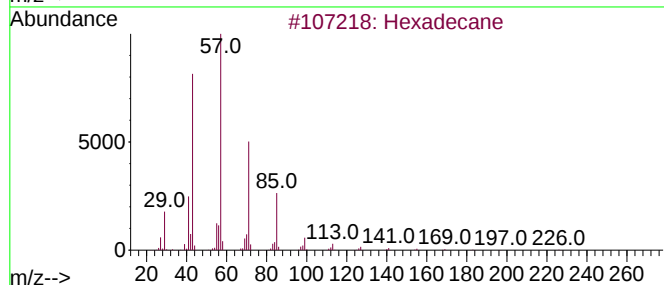
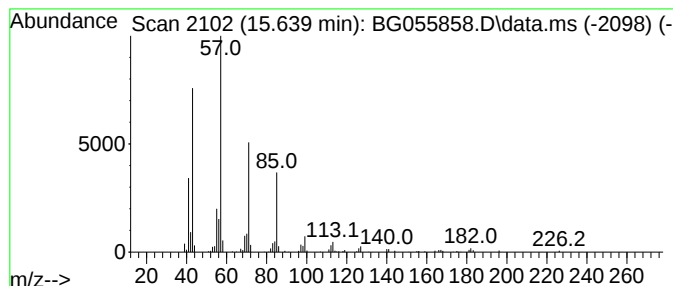
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	7.18 ng	190020	Acenaphthene-d10	14.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Nonadecane	268	C19H40	000629-92-5	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OE-2-113022

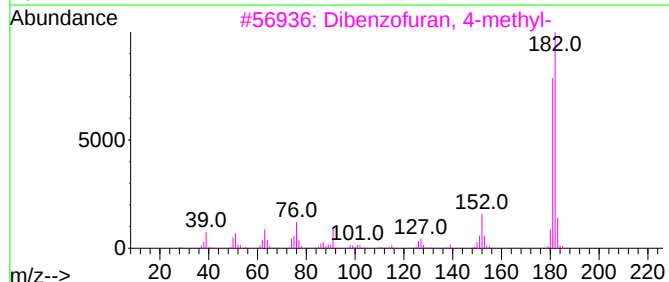
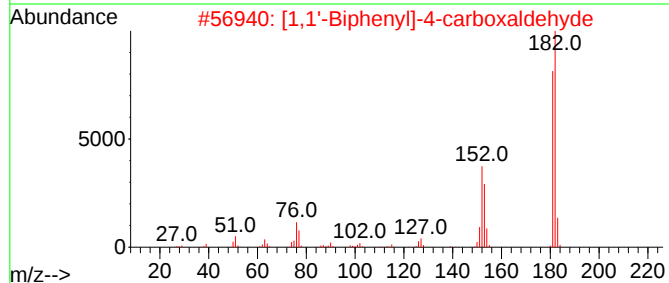
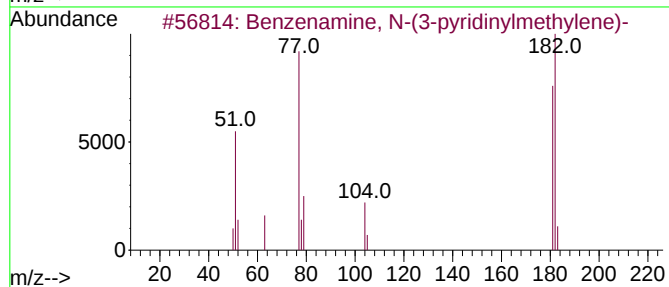
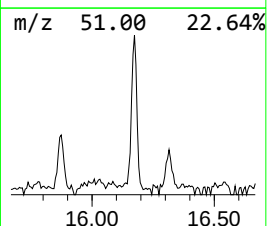
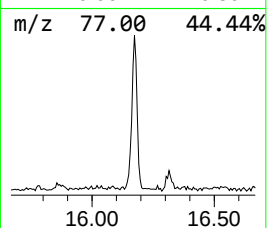
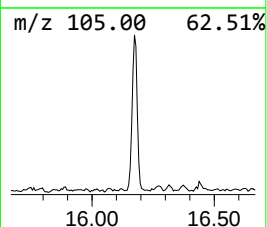
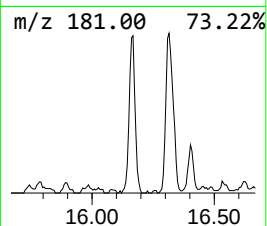
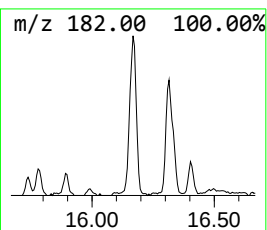
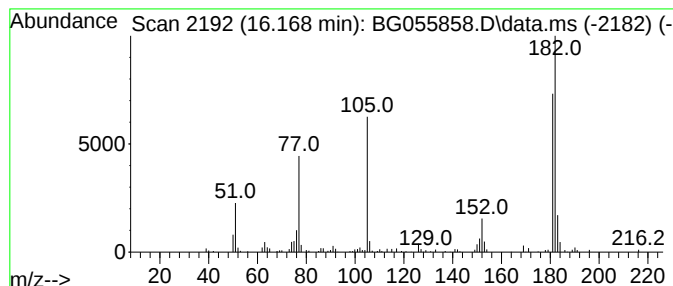
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzenamine, N-(3-pyridinyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.168	6.79 ng	179704	Acenaphthene-d10	14.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	72
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70
3			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70
4			Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	53
5			5H-Indeno[1,2-b]pyridin-4-ylamine	182	C12H10N2	1000303-41-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
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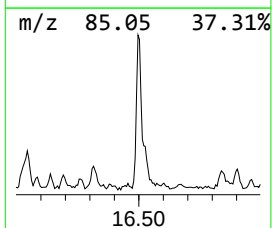
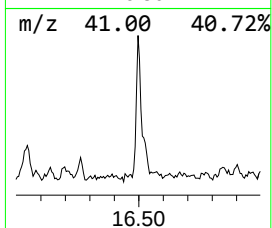
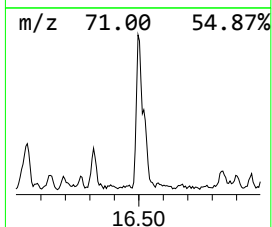
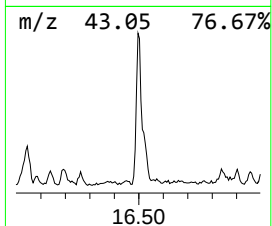
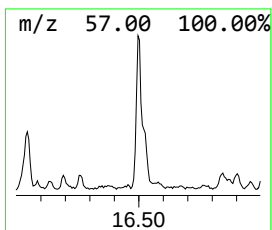
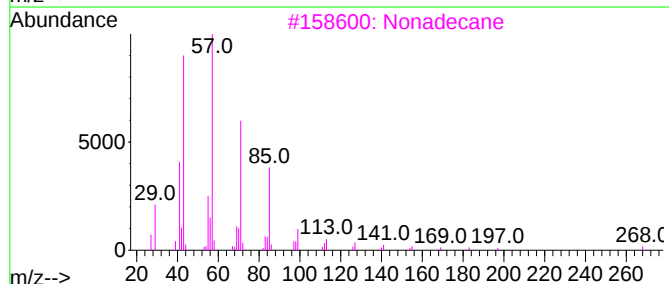
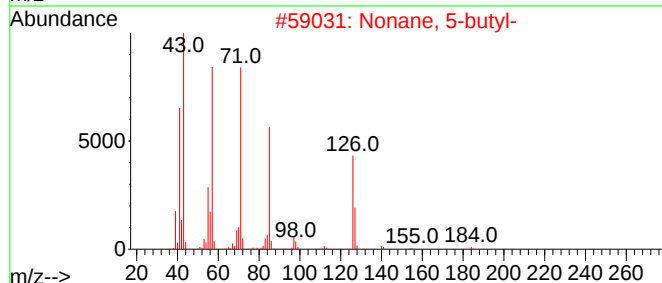
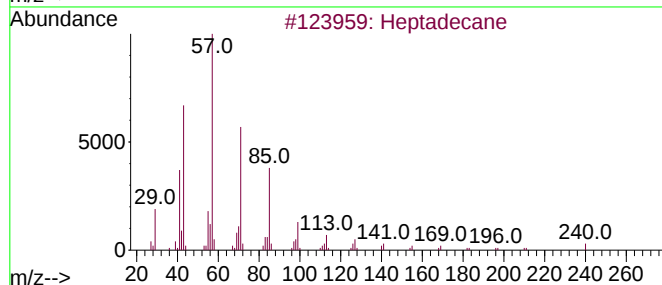
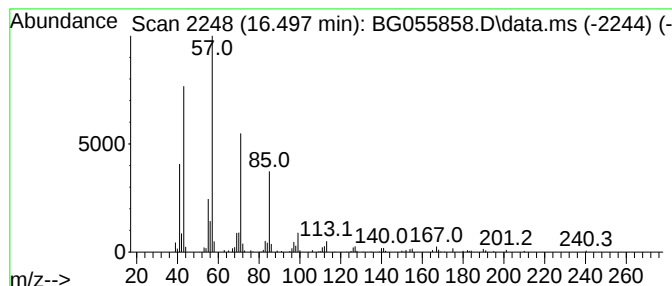
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.497	7.28 ng	199733	Phenanthrene-d10	17.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	93
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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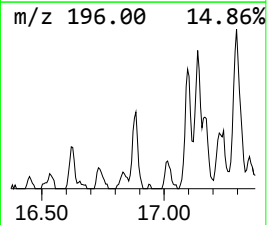
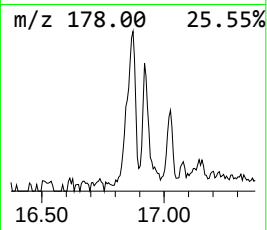
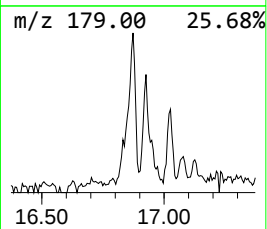
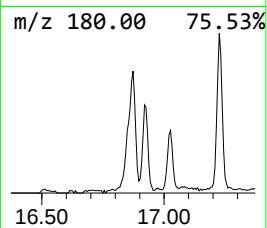
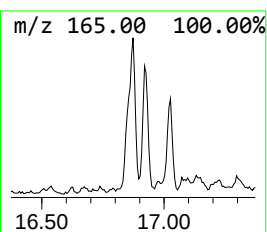
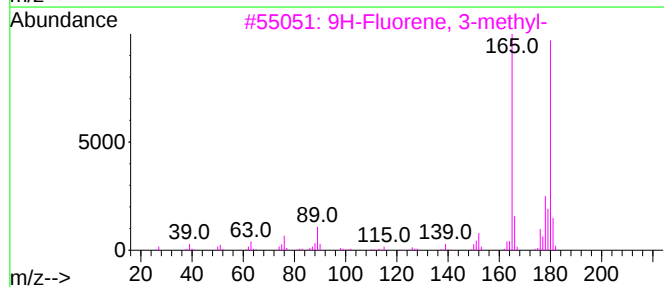
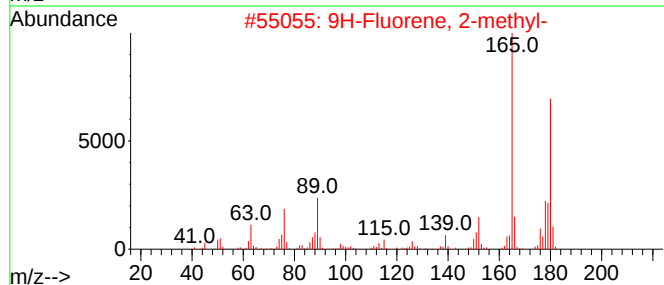
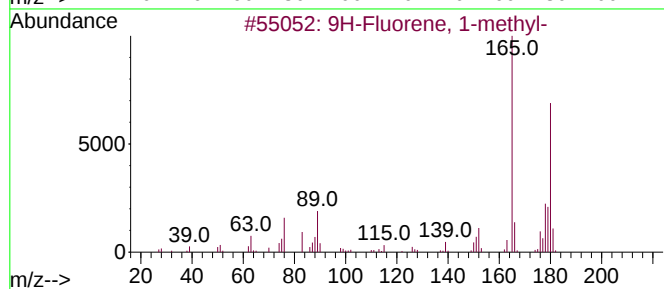
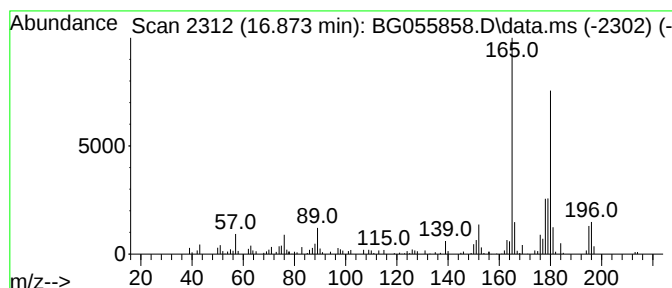
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.873	7.16 ng	196463	Phenanthrene-d10	17.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
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Misc :
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Instrument :
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ClientSampleId :
OE-2-113022

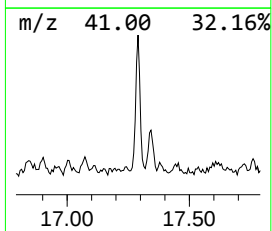
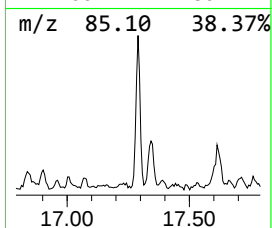
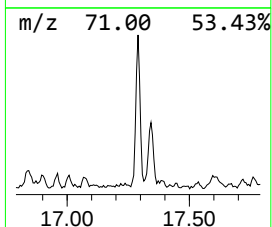
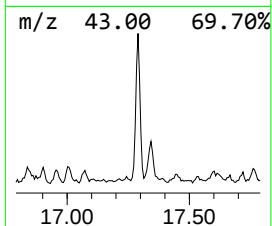
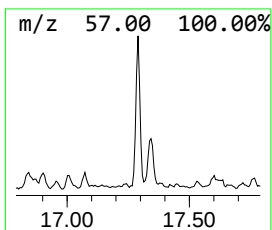
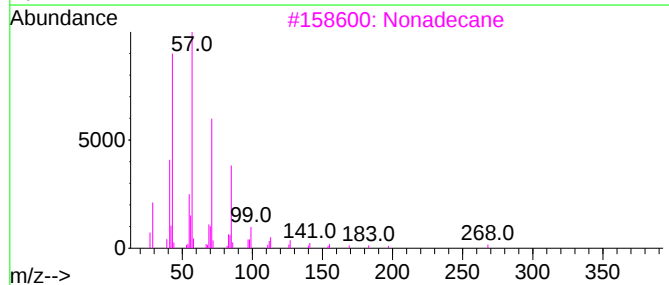
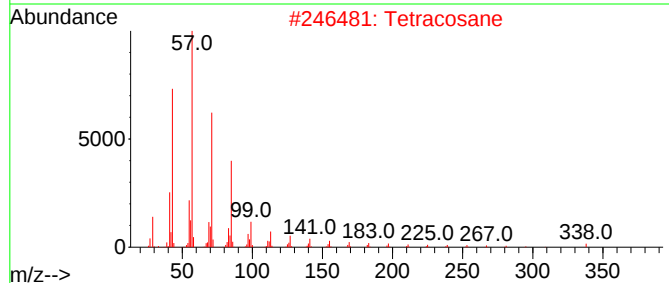
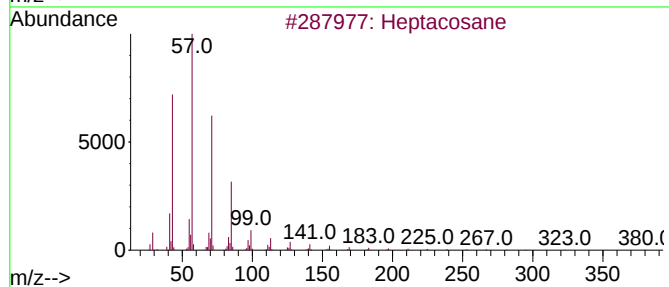
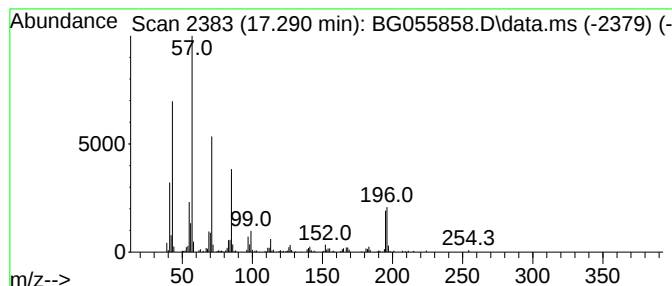
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.290	6.65 ng	182499	Phenanthrene-d10	17.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	62
2			Tetracosane	338	C24H50	000646-31-1	62
3			Nonadecane	268	C19H40	000629-92-5	62
4			Pentadecane	212	C15H32	000629-62-9	62
5			Eicosane	282	C20H42	000112-95-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
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Acq On : 1 Dec 2022 16:37
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Instrument :
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ClientSampleId :
OE-2-113022

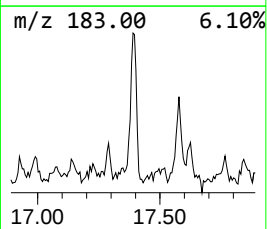
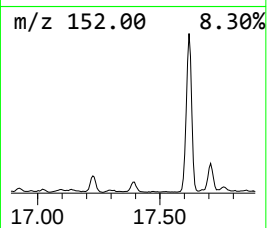
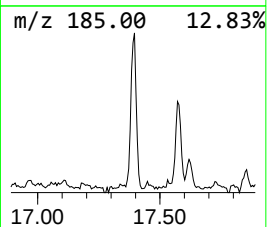
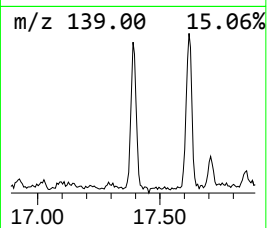
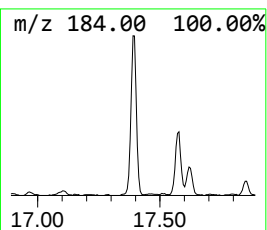
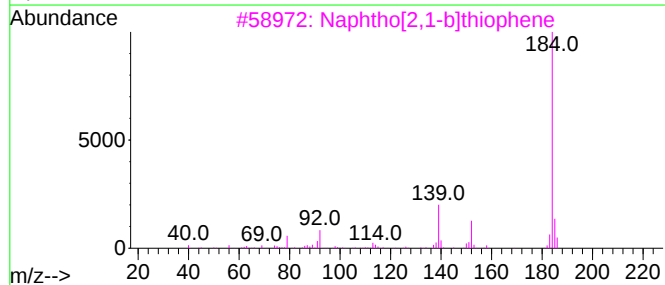
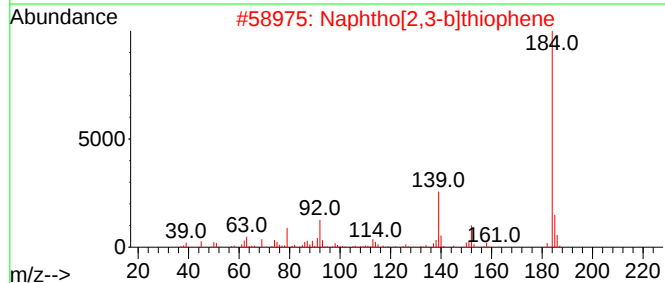
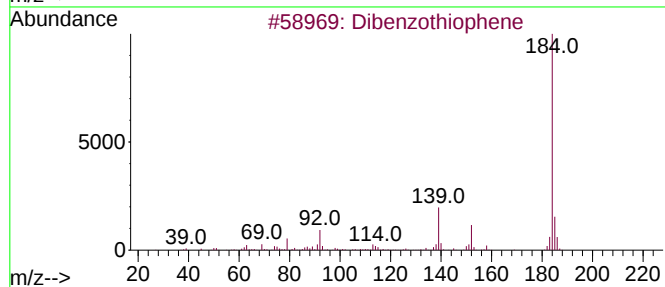
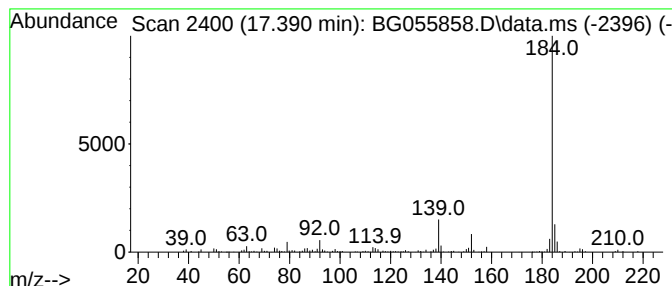
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.390	7.01 ng	192252	Phenanthrene-d10	17.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

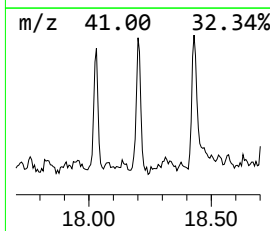
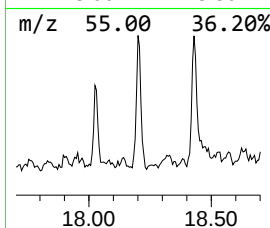
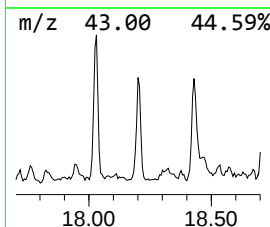
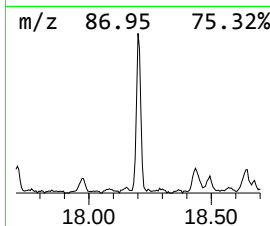
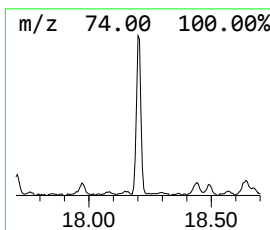
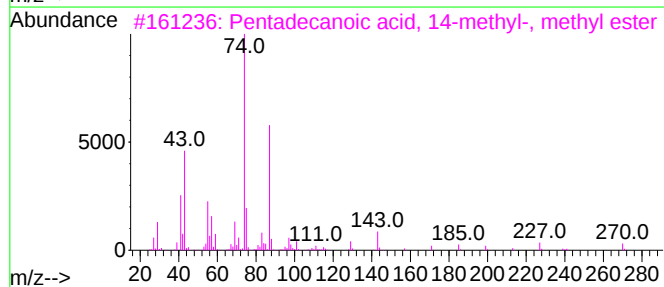
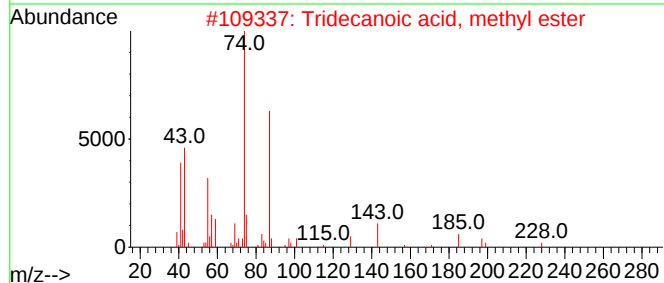
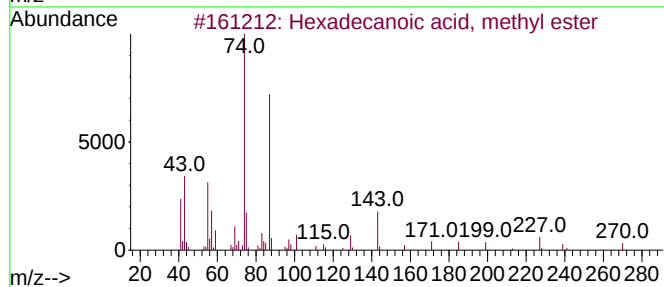
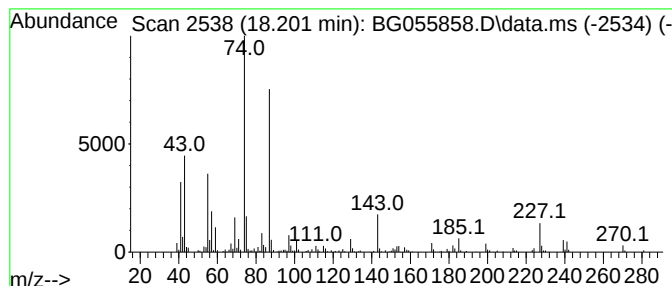
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BNA_G
ClientSampleId :
OE-2-113022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.201	6.58 ng	180618	Phenanthrene-d10		17.572	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	96
2	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	94
3	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate		242	C15H30O2	000124-10-7	83
5	Dodecanoic acid, 10-methyl-, met...		228	C14H28O2	005129-65-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OE-2-113022

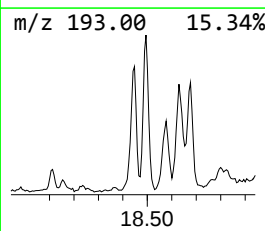
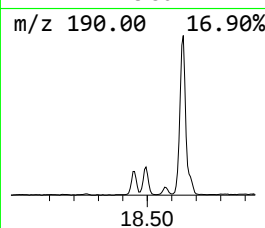
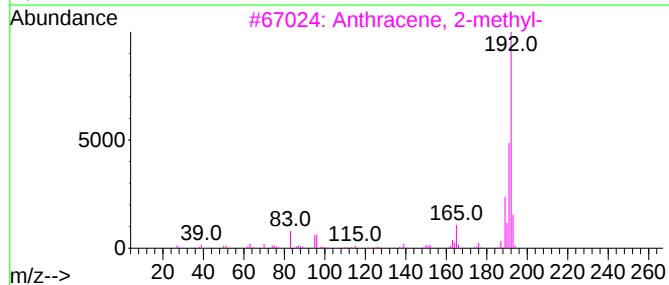
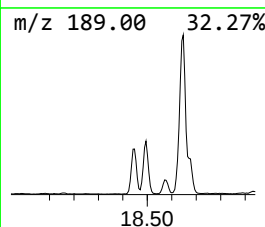
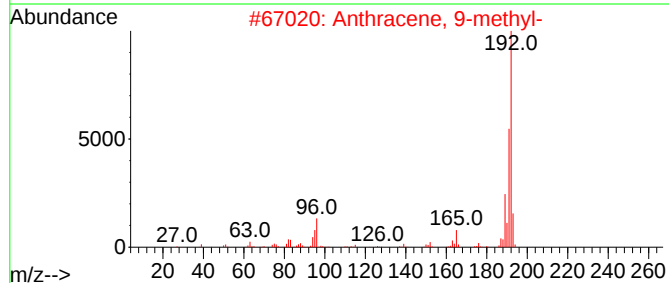
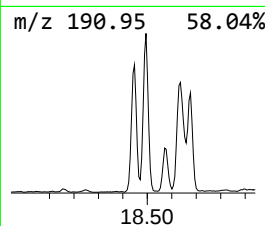
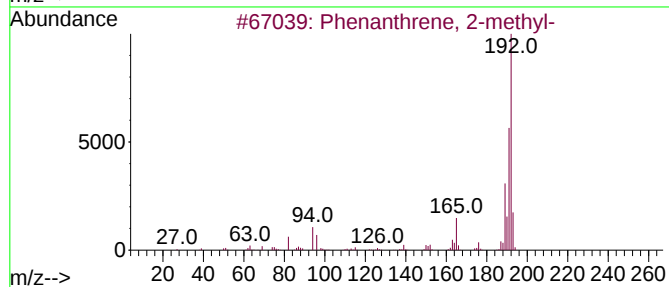
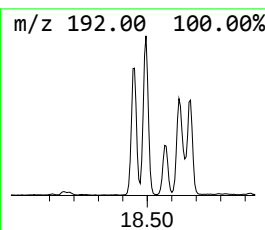
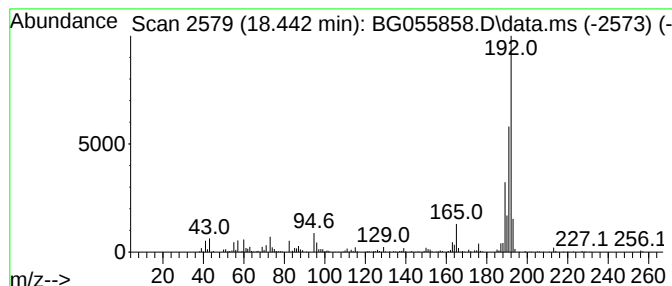
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.442	21.96 ng	602533	Phenanthrene-d10	17.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OE-2-113022

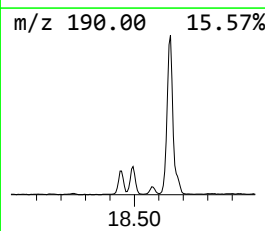
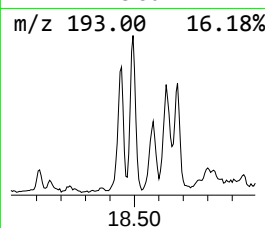
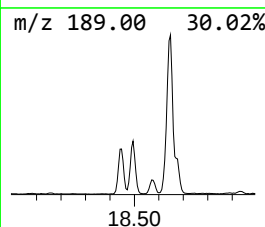
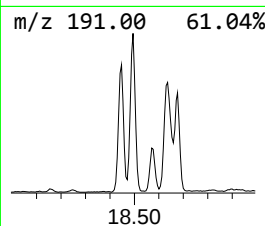
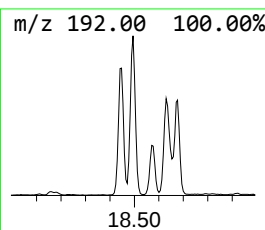
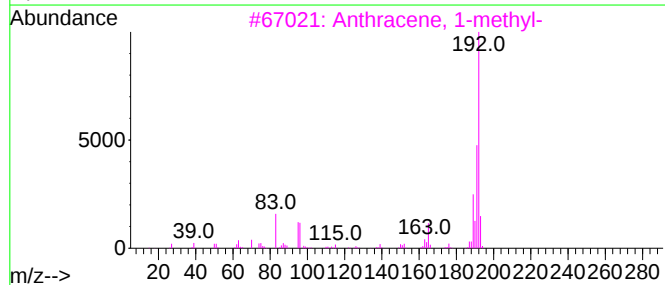
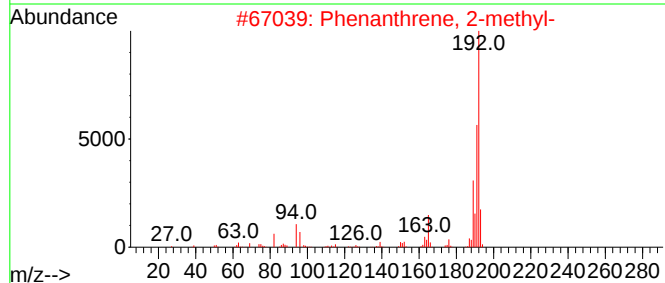
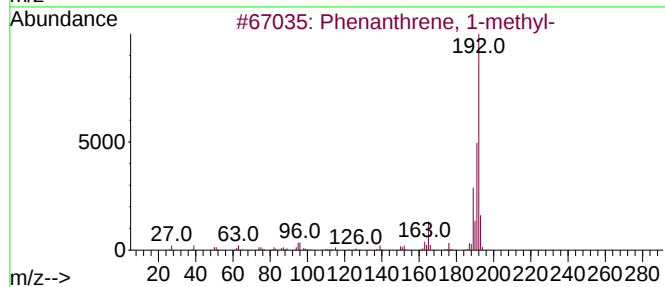
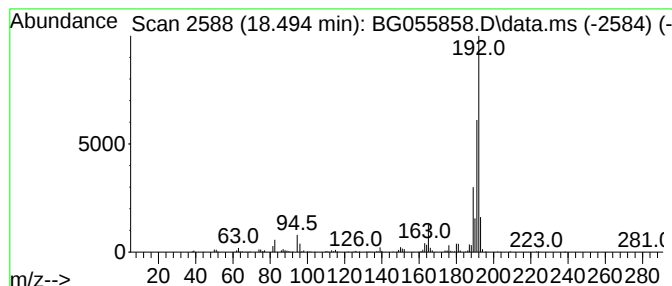
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	18.21 ng	499411	Phenanthrene-d10	17.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OE-2-113022

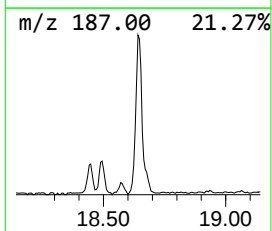
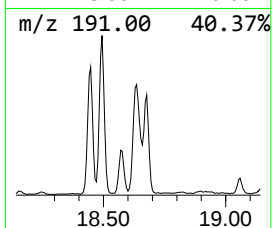
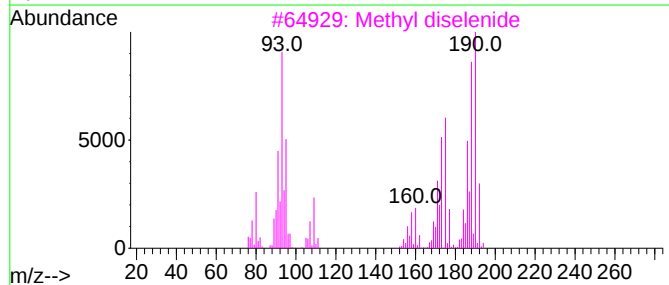
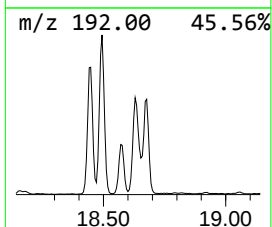
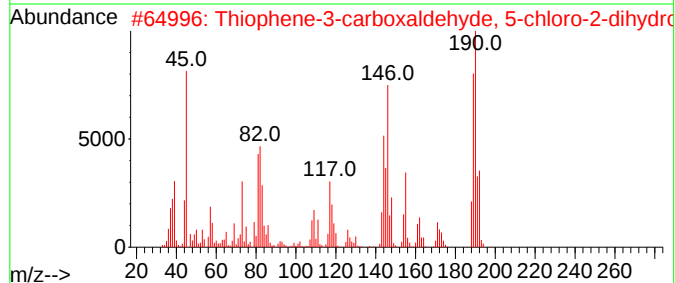
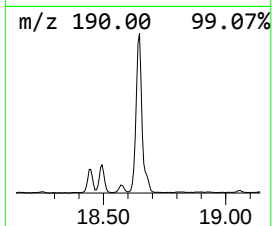
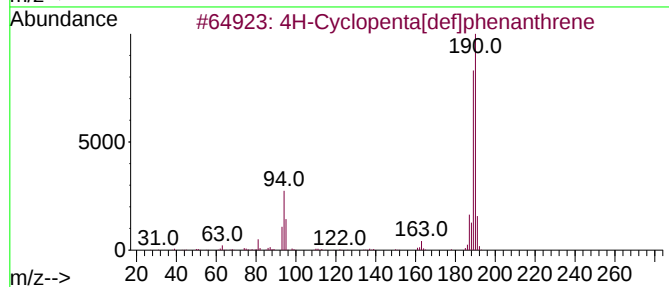
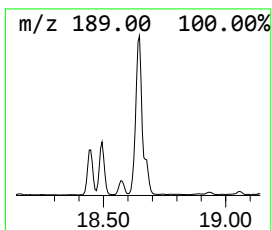
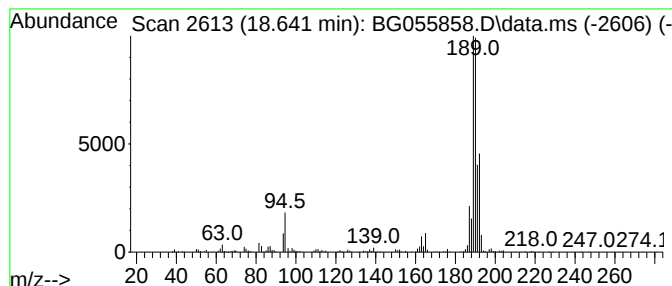
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.641	30.05 ng	824201	Phenanthrene-d10	17.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		Methyl diselenide	190	C2H6Se2	007101-31-7	45
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
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Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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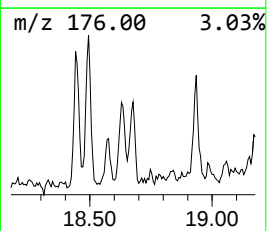
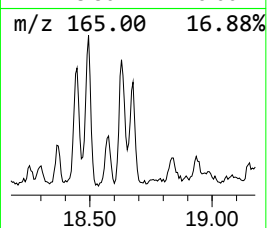
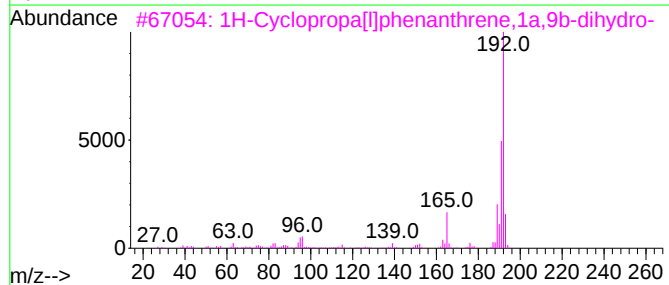
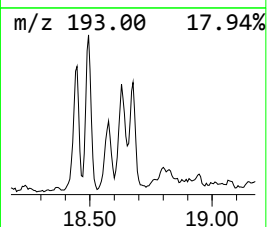
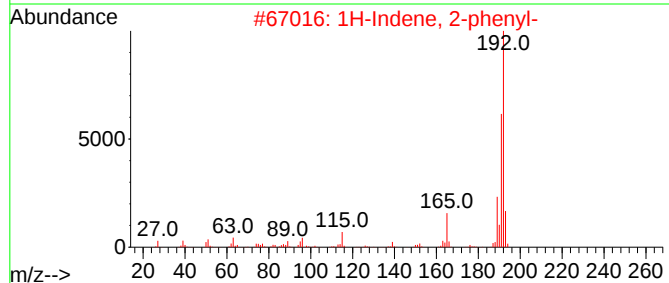
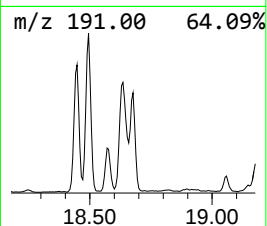
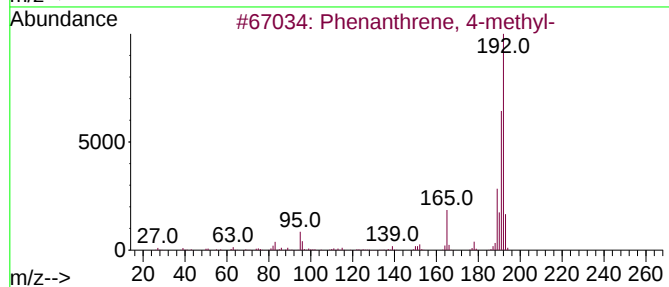
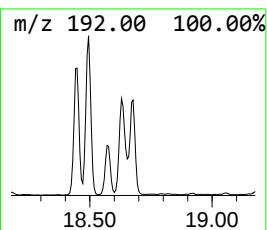
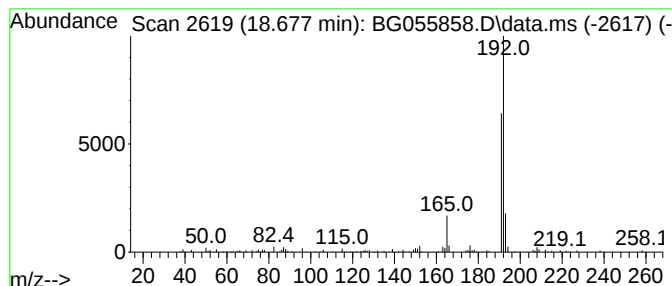
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.677	6.84 ng	187726	Phenanthrene-d10	17.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

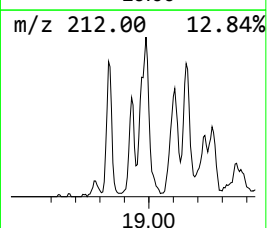
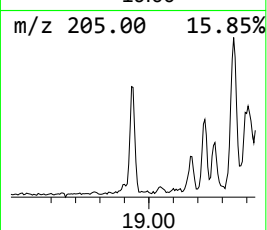
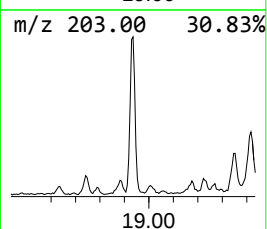
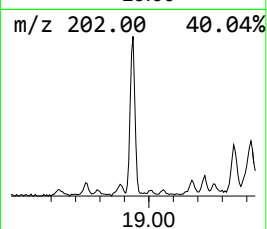
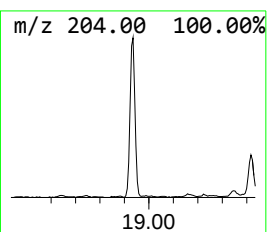
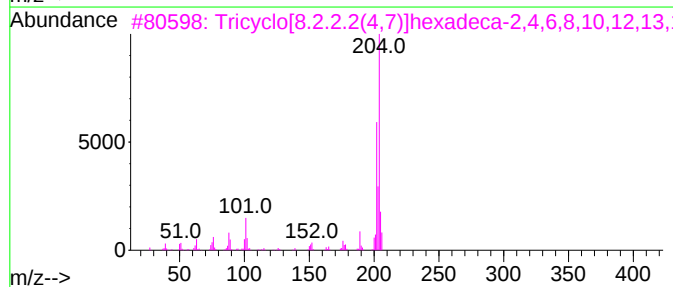
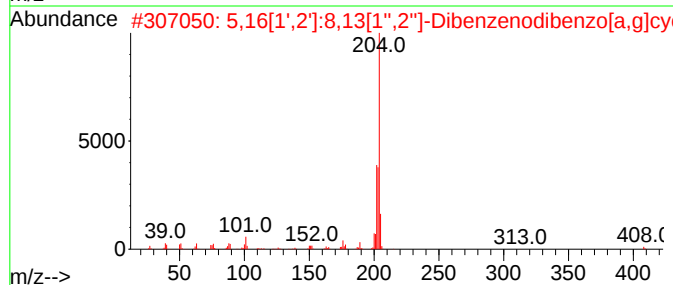
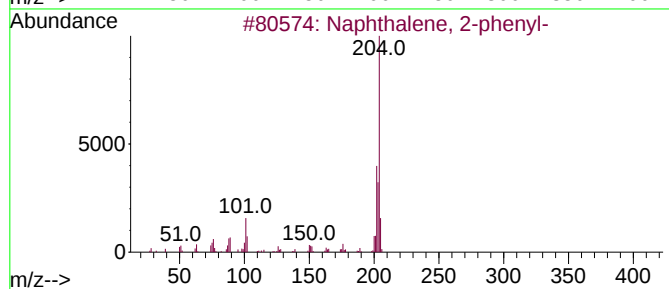
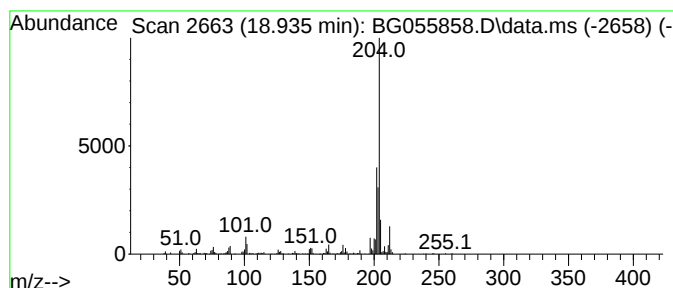
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.935	9.51 ng	260884	Phenanthrene-d10		17.572	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	64
4	[1,1'-Biphenyl]-2-ol, 5-chloro-		204	C12H9ClO	000607-12-5	47
5	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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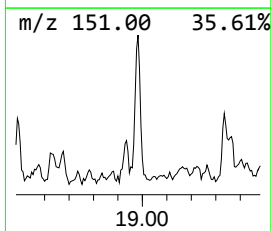
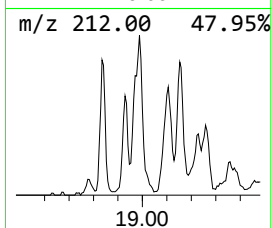
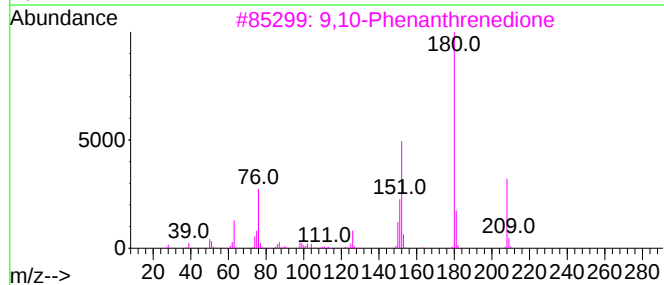
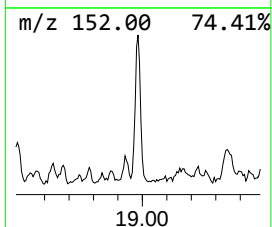
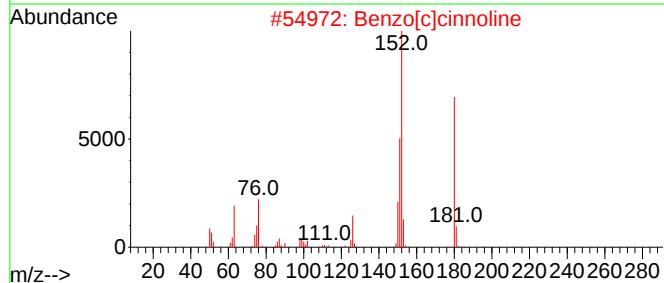
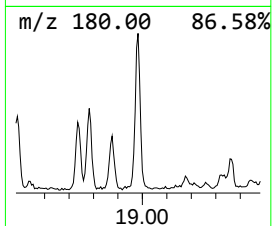
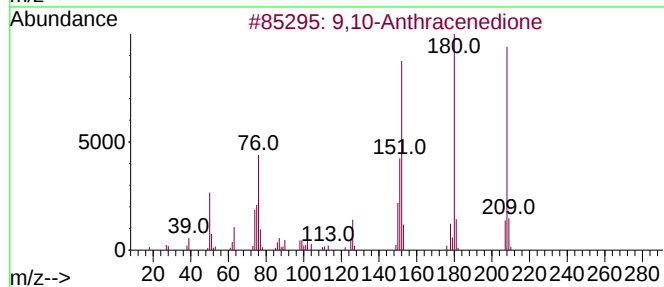
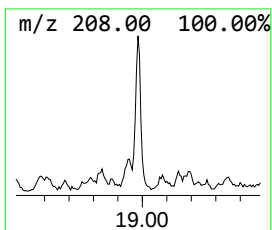
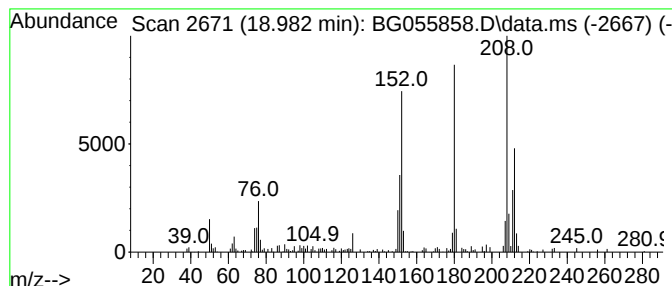
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.982	7.30 ng	200146	Phenanthrene-d10	17.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49



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Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
Operator : CG/JU
Sample : N5823-01
Misc :
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Instrument :
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ClientSampleId :
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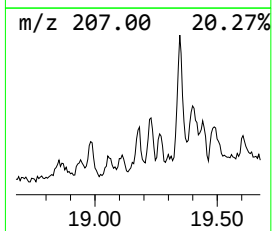
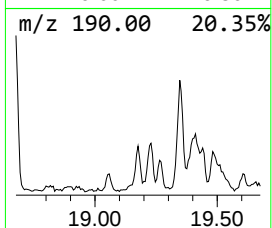
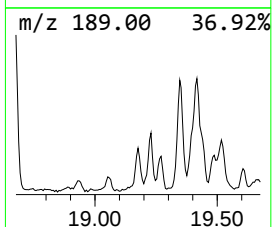
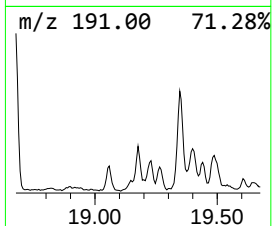
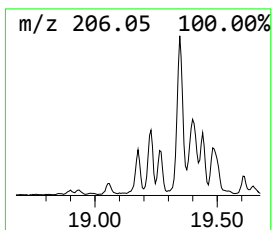
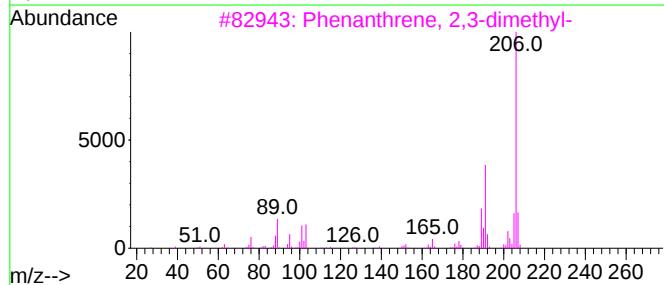
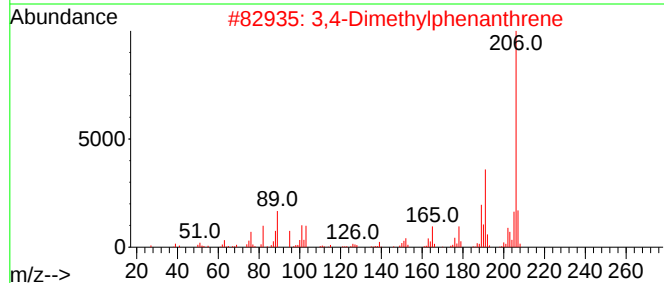
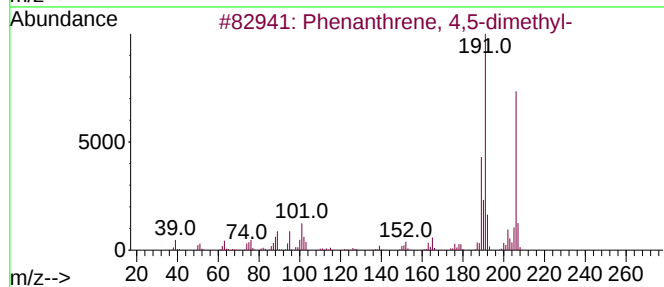
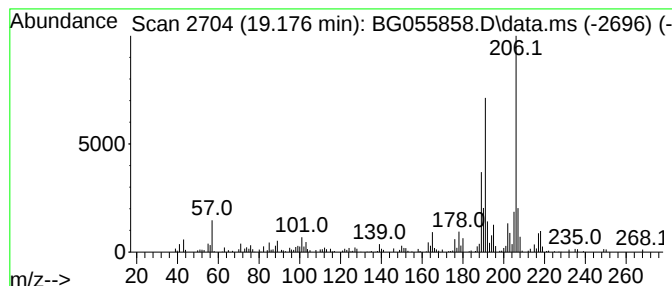
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.176	6.08 ng	166655	Phenanthrene-d10	17.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
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Sample : N5823-01
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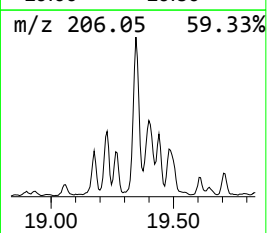
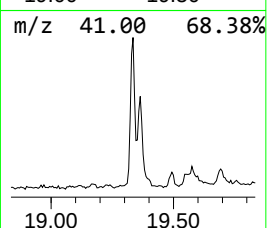
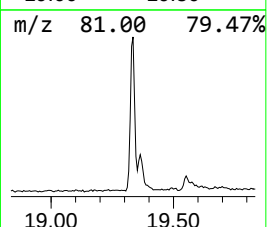
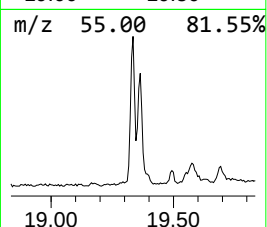
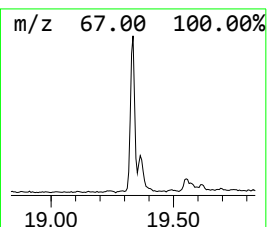
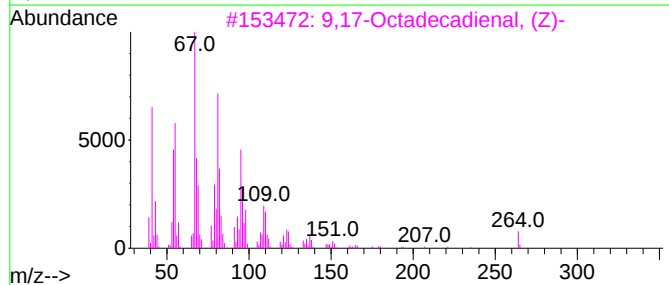
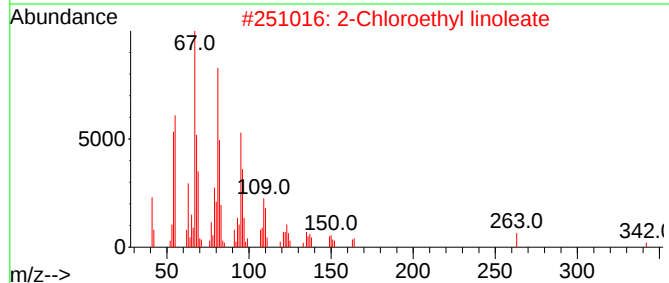
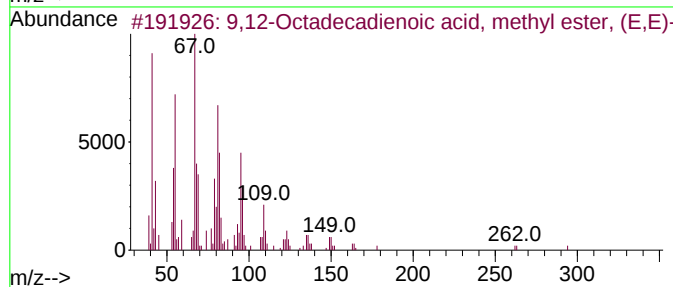
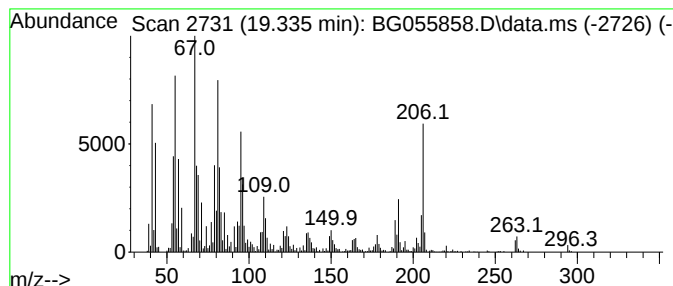
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.335	34.24 ng	939336	Phenanthrene-d10		17.572
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	93
3	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	90
4	Linoelaidic acid	280	C18H32O2	000506-21-8	81
5	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055858.D
Acq On : 1 Dec 2022 16:37
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Sample : N5823-01
Misc :
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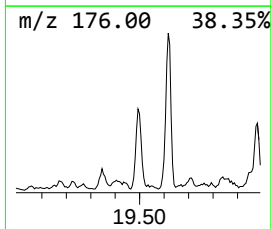
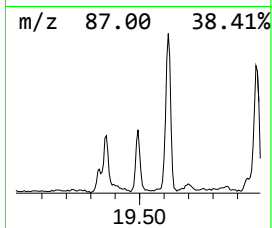
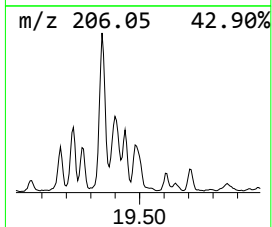
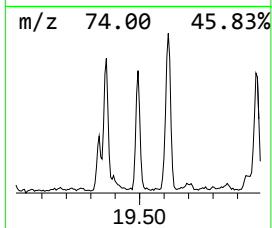
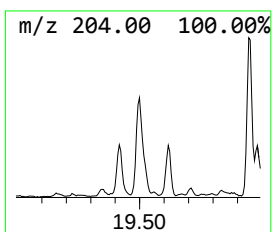
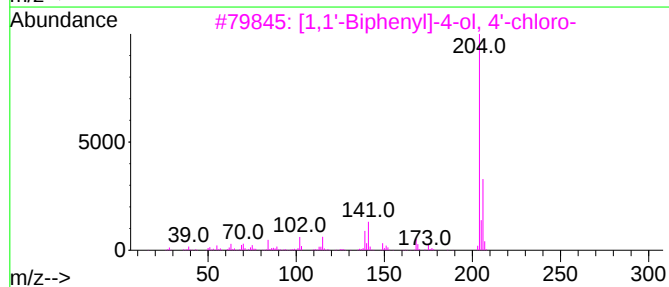
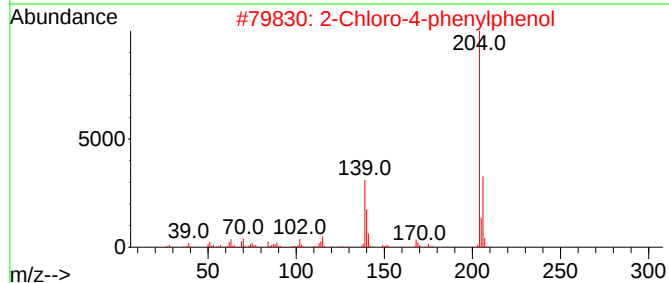
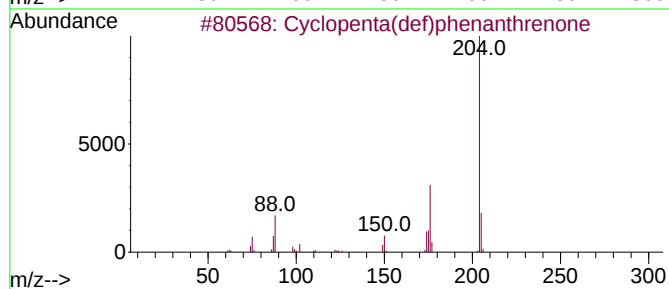
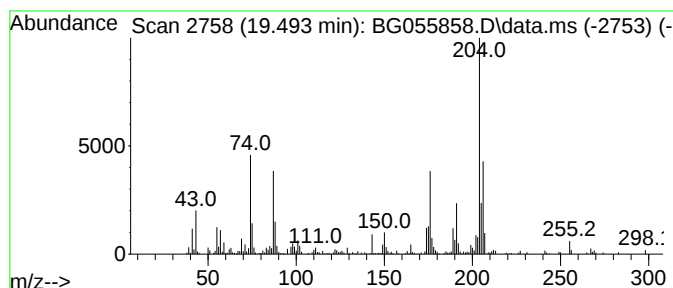
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.493	11.53 ng	316200	Phenanthrene-d10	17.572	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	35
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	35
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	35
5	2,4-Dichloro-3,5,6-trimethylphen...	290	C13H16Cl2O3	1000487-29-0	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
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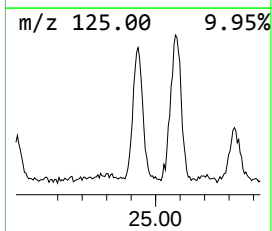
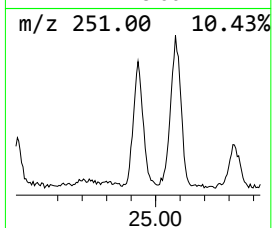
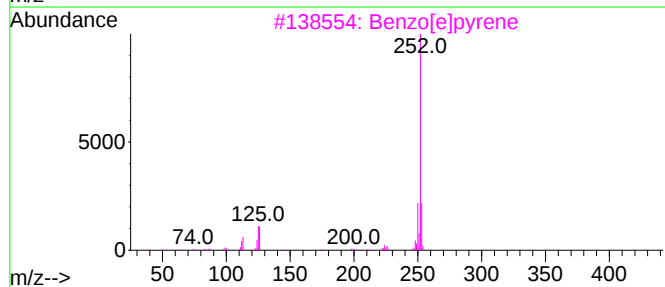
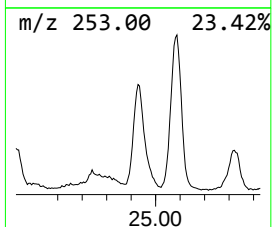
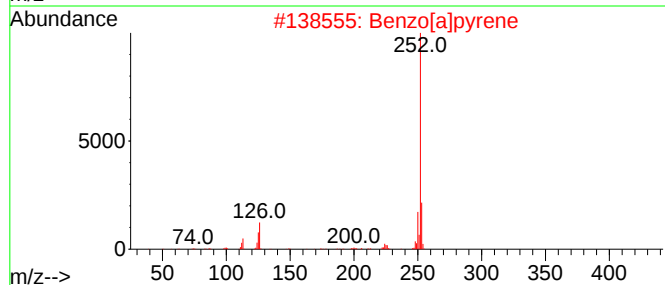
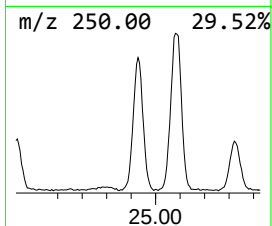
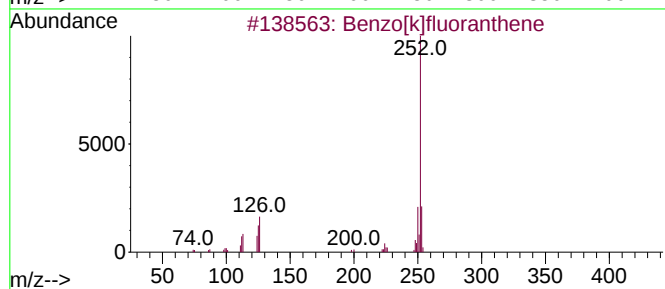
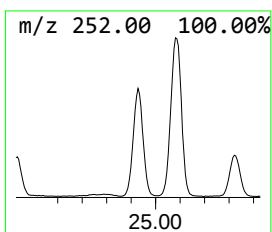
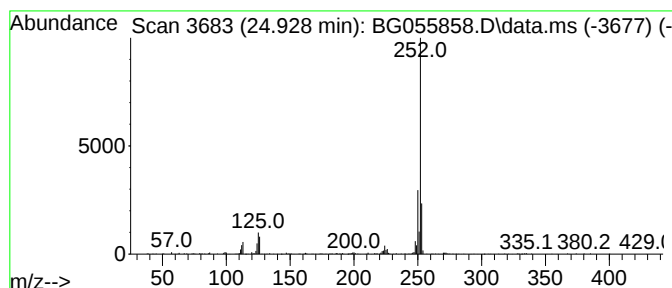
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[a]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.928	13.17 ng	629414	Perylene-d12		25.245	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene		252	C20H12	000207-08-9	95
2	Benzo[a]pyrene		252	C20H12	000050-32-8	93
3	Benzo[e]pyrene		252	C20H12	000192-97-2	91
4	Benzo[j]fluoranthene		252	C20H12	000205-82-3	90
5	Perylene		252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055858.D
 Acq On : 1 Dec 2022 16:37
 Operator : CG/JU
 Sample : N5823-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.257	27.0	ng	322543	1	8.207	239075	20.0
Tridecane	12.408	7.9	ng	142466	2	11.033	360026	20.0
Tetradecane	13.630	6.6	ng	174503	3	14.834	529667	20.0
Hexadecane	15.639	7.2	ng	190020	3	14.834	529667	20.0
Benzenamine, N-...	16.168	6.8	ng	179704	3	14.834	529667	20.0
Heptadecane	16.497	7.3	ng	199733	4	17.572	548642	20.0
9H-Fluorene, 1-...	16.873	7.2	ng	196463	4	17.572	548642	20.0
Heptacosane	17.290	6.7	ng	182499	4	17.572	548642	20.0
Dibenzothiophene	17.390	7.0	ng	192252	4	17.572	548642	20.0
Hexadecanoic ac...	18.201	6.6	ng	180618	4	17.572	548642	20.0
Phenanthrene, 2...	18.442	22.0	ng	602533	4	17.572	548642	20.0
Phenanthrene, 1...	18.494	18.2	ng	499411	4	17.572	548642	20.0
4H-Cyclopenta[d...	18.641	30.1	ng	824201	4	17.572	548642	20.0
Phenanthrene, 4...	18.677	6.8	ng	187726	4	17.572	548642	20.0
Naphthalene, 2-...	18.935	9.5	ng	260884	4	17.572	548642	20.0
9,10-Anthracene...	18.982	7.3	ng	200146	4	17.572	548642	20.0
Phenanthrene, 4...	19.176	6.1	ng	166655	4	17.572	548642	20.0
9,12-Octadecadi...	19.335	34.2	ng	939336	4	17.572	548642	20.0
Cyclopenta(def)...	19.493	11.5	ng	316200	4	17.572	548642	20.0
Benzo[a]pyrene	24.928	13.2	ng	629414	6	25.245	955817	20.0