

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057108.D
 Acq On : 14 Apr 2023 20:37
 Operator : CG/JU
 Sample : 02349-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-041323

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-BG033023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.435	316	323	328	rBV	50664	81143	12.53%	0.989%
2	5.917	398	405	413	rBV	196832	326855	50.48%	3.982%
3	5.999	413	419	427	rVB3	6094	14538	2.25%	0.177%
4	7.538	673	681	688	rBV	210737	374774	57.88%	4.566%
5	7.996	754	759	762	rBV2	9563	14131	2.18%	0.172%
6	8.402	823	828	834	rVB2	64987	108419	16.74%	1.321%
7	8.966	918	924	931	rVB7	9533	23179	3.58%	0.282%
8	9.036	931	936	945	rBV3	14898	25856	3.99%	0.315%
9	9.512	1012	1017	1022	rVB2	14245	22326	3.45%	0.272%
10	9.577	1022	1028	1033	rBV2	119916	227738	35.17%	2.775%
11	9.765	1056	1060	1066	rVB8	7675	14483	2.24%	0.176%
12	10.035	1101	1106	1113	rVV3	14578	26631	4.11%	0.324%
13	10.152	1121	1126	1133	rVB4	13308	24258	3.75%	0.296%
14	10.334	1152	1157	1162	rVV5	13252	26660	4.12%	0.325%
15	10.411	1166	1170	1174	rVV4	16753	29040	4.48%	0.354%
16	10.470	1178	1180	1186	rVB6	10445	14232	2.20%	0.173%
17	10.534	1186	1191	1200	rBV6	11747	27881	4.31%	0.340%
18	10.616	1200	1205	1211	rVV3	18548	32210	4.97%	0.392%
19	10.728	1219	1224	1227	rVB5	10012	14544	2.25%	0.177%
20	10.798	1229	1236	1240	rBV7	9304	16490	2.55%	0.201%
21	10.922	1250	1257	1265	rBV5	11203	26255	4.05%	0.320%
22	11.169	1294	1299	1304	rVV	61969	97337	15.03%	1.186%
23	11.239	1306	1311	1317	rVV	90462	170930	26.40%	2.083%
24	11.292	1317	1320	1326	rVV4	18966	32132	4.96%	0.391%
25	11.357	1326	1331	1337	rVB2	42334	77983	12.04%	0.950%
26	11.439	1337	1345	1349	rBV7	15390	33660	5.20%	0.410%
27	11.586	1364	1370	1375	rBV7	5718	14151	2.19%	0.172%
28	11.715	1389	1392	1396	rVB4	10719	16256	2.51%	0.198%
29	11.915	1418	1426	1431	rBV8	26493	59098	9.13%	0.720%
30	12.026	1441	1445	1452	rBV8	13463	28479	4.40%	0.347%
31	12.103	1454	1458	1469	rVB8	17702	38719	5.98%	0.472%
32	12.208	1469	1476	1481	rBV	53348	91424	14.12%	1.114%
33	12.261	1481	1485	1489	rVV5	13801	21174	3.27%	0.258%
34	12.408	1505	1510	1515	rBV7	12569	21701	3.35%	0.264%
35	12.484	1515	1523	1528	rBV9	10739	29536	4.56%	0.360%
36	12.590	1536	1541	1546	rBV	81580	111105	17.16%	1.354%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.808	1576	1578	1584	rVB4	16978	24663	3.81%	0.300%
38	12.866	1584	1588	1594	rVB2	17039	24369	3.76%	0.297%
39	13.013	1607	1613	1617	rBV8	9321	23679	3.66%	0.288%
40	13.213	1642	1647	1651	rBV6	16243	31534	4.87%	0.384%
41	13.383	1672	1676	1683	rVB7	10418	19724	3.05%	0.240%
42	13.471	1687	1691	1695	rVB	17290	23605	3.65%	0.288%
43	13.524	1695	1700	1706	rBV2	46625	79035	12.21%	0.963%
44	13.636	1714	1719	1726	rBV	295639	459777	71.01%	5.602%
45	13.806	1742	1748	1754	rBV	69403	112228	17.33%	1.367%
46	14.047	1785	1789	1792	rVB6	10072	14070	2.17%	0.171%
47	14.335	1832	1838	1842	rBV6	18023	32763	5.06%	0.399%
48	14.382	1842	1846	1851	rVV5	11367	22873	3.53%	0.279%
49	14.452	1851	1858	1863	rVV4	39521	86102	13.30%	1.049%
50	14.493	1863	1865	1872	rVV7	7420	14464	2.23%	0.176%
51	14.570	1875	1878	1882	rVV4	14247	19756	3.05%	0.241%
52	14.752	1902	1909	1913	rBV5	17712	36700	5.67%	0.447%
53	14.864	1924	1928	1934	rVB	32560	43958	6.79%	0.536%
54	15.016	1945	1954	1959	rVB	127124	220004	33.98%	2.680%
55	15.075	1959	1964	1971	rBV10	11505	18306	2.83%	0.223%
56	15.204	1981	1986	1991	rBV9	7773	15802	2.44%	0.193%
57	15.398	2015	2019	2026	rVB5	13414	28813	4.45%	0.351%
58	15.475	2026	2032	2036	rBV5	11777	22729	3.51%	0.277%
59	15.616	2051	2056	2059	rBV5	11391	17590	2.72%	0.214%
60	15.803	2083	2088	2093	rVB3	19802	36189	5.59%	0.441%
61	16.209	2149	2157	2161	rBV5	15779	28148	4.35%	0.343%
62	16.344	2176	2180	2186	rVB	28913	43324	6.69%	0.528%
63	16.491	2199	2205	2212	rBV	220382	340900	52.65%	4.153%
64	16.685	2230	2238	2246	rBV3	31628	71232	11.00%	0.868%
65	17.401	2356	2360	2365	rVB2	10713	15642	2.42%	0.191%
66	17.454	2365	2369	2373	rBV5	11713	18014	2.78%	0.219%
67	17.507	2373	2378	2383	rVV2	16529	28987	4.48%	0.353%
68	17.754	2413	2420	2424	rBV	156427	252480	38.99%	3.076%
69	17.795	2424	2427	2434	rVV	96328	132107	20.40%	1.610%
70	17.883	2437	2442	2448	rBV	19328	35769	5.52%	0.436%
71	18.141	2484	2486	2491	rVV	10734	14762	2.28%	0.180%
72	18.188	2491	2494	2501	rVB7	10935	15778	2.44%	0.192%
73	18.365	2521	2524	2529	rVB2	20955	27129	4.19%	0.331%
74	18.588	2557	2562	2565	rBV3	29063	42953	6.63%	0.523%
75	18.617	2565	2567	2570	rVV	19515	23532	3.63%	0.287%
76	18.664	2570	2575	2581	rVB2	29321	47942	7.40%	0.584%

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77	18.747	2584	2589	2593	rVB5	10438	16796	2.59%	0.205%
78	18.811	2595	2600	2604	rBV4	20096	41004	6.33%	0.500%
79	19.105	2645	2650	2654	rBV	17408	25185	3.89%	0.307%
80	19.152	2654	2658	2664	rVV8	11069	19863	3.07%	0.242%
81	19.487	2711	2715	2718	rBV2	95251	125469	19.38%	1.529%
82	19.516	2718	2720	2727	rVB5	59327	77405	11.95%	0.943%
83	19.645	2739	2742	2749	rBV4	20499	45907	7.09%	0.559%
84	19.780	2759	2765	2770	rBV	217122	314445	48.56%	3.831%
85	19.933	2786	2791	2800	rBV7	11604	33372	5.15%	0.407%
86	20.098	2816	2819	2822	rBV2	30622	44079	6.81%	0.537%
87	20.145	2822	2827	2833	rVB	192580	285646	44.11%	3.480%
88	20.203	2833	2837	2842	rBV4	17451	32688	5.05%	0.398%
89	20.321	2851	2857	2862	rVB	504387	647518	100.00%	7.889%
90	20.585	2899	2902	2904	rBV4	16329	23597	3.64%	0.287%
91	20.620	2906	2908	2914	rVB	34712	45657	7.05%	0.556%
92	21.419	3041	3044	3050	rVB	27957	48047	7.42%	0.585%
93	22.066	3146	3154	3160	rBV3	169457	494706	76.40%	6.027%
94	22.118	3160	3163	3171	rVB	94076	158997	24.55%	1.937%
95	24.474	3557	3564	3574	rBV	79331	291182	44.97%	3.548%
96	25.273	3693	3700	3708	rVB	47359	134953	20.84%	1.644%
97	25.438	3723	3728	3740	rVB	74314	203596	31.44%	2.481%
98	25.608	3751	3757	3765	rVB	69617	176078	27.19%	2.145%
99	28.757	4289	4293	4296	rBV6	11694	23147	3.57%	0.282%
100	30.942	4660	4665	4666	rBV4	9299	15734	2.43%	0.192%

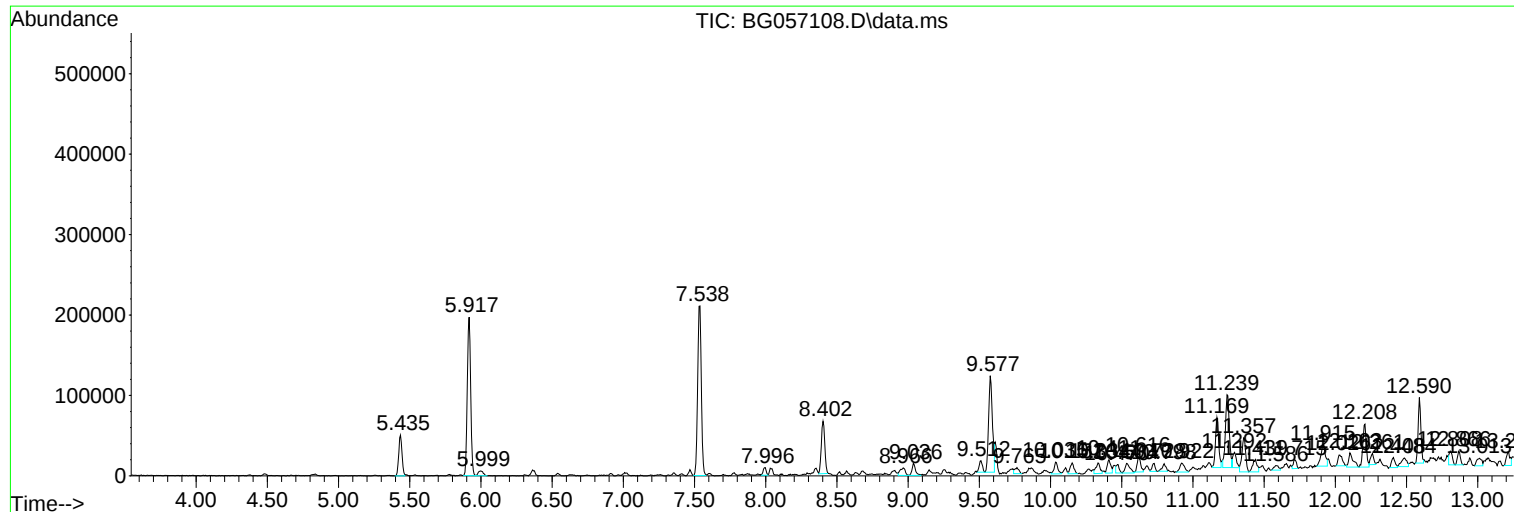
Sum of corrected areas: 8207831

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
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Acq On : 14 Apr 2023 20:37
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ALS Vial : 16 Sample Multiplier: 1

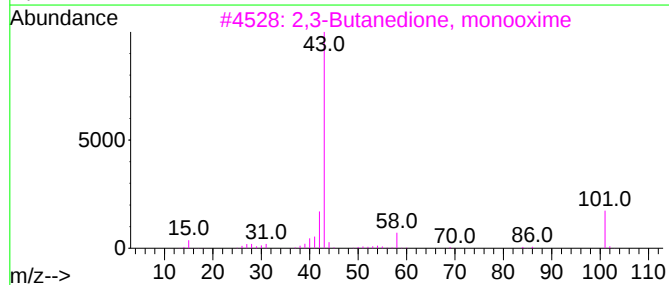
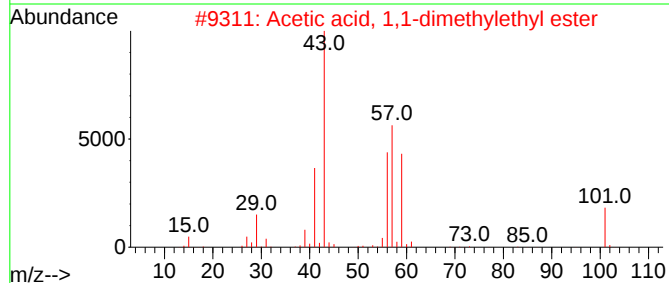
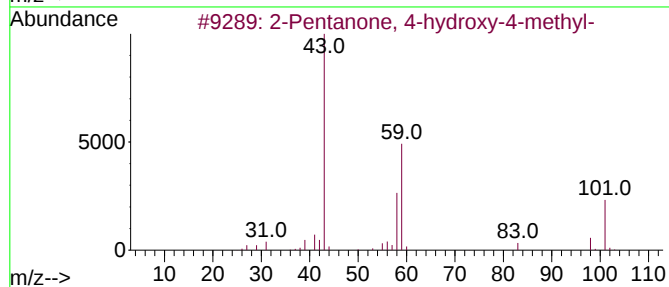
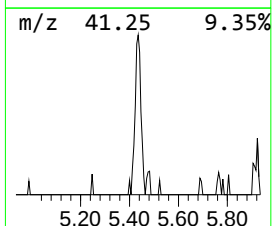
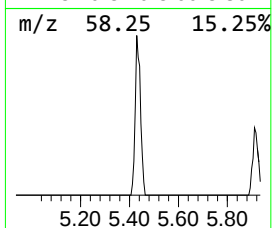
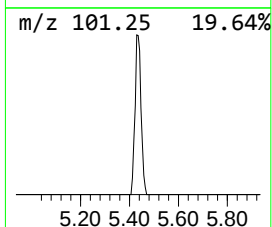
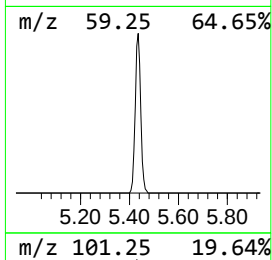
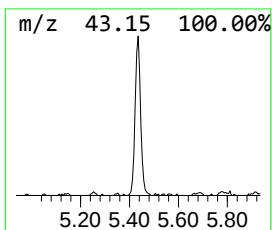
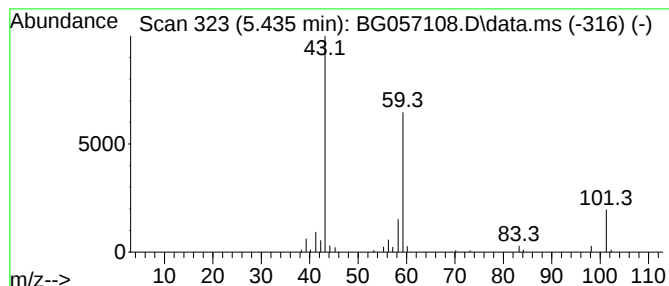
Instrument :
BNA_G
ClientSampleId :
NB-07-041323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.435	14.97 ng	81143	1,4-Dichlorobenzene-d4	8.396	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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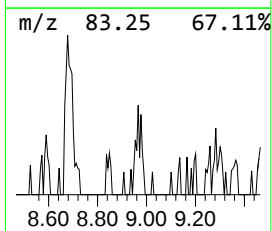
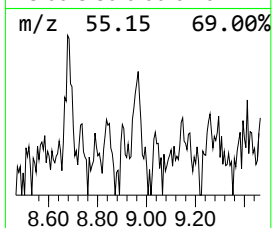
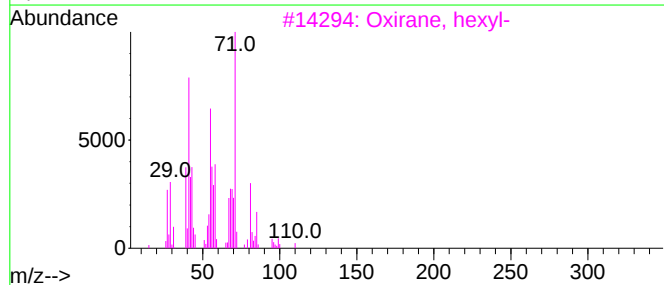
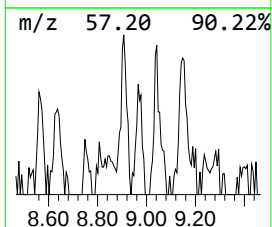
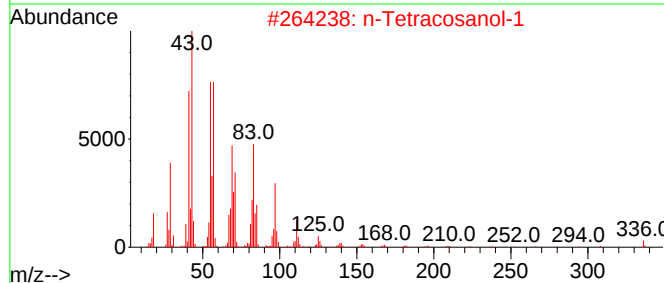
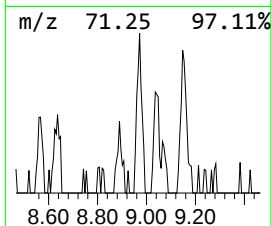
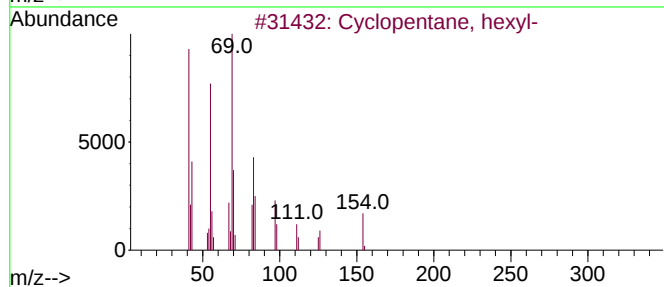
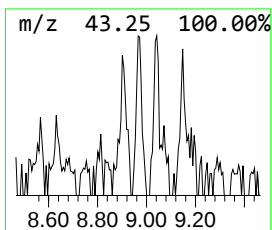
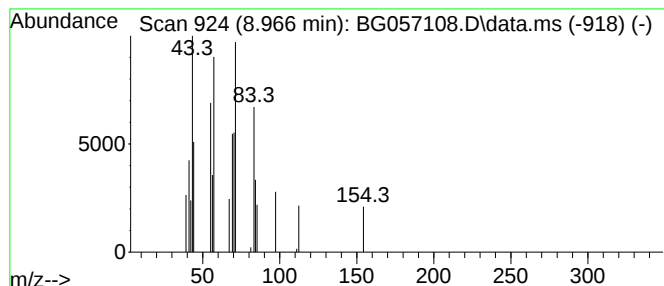
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown8.966 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.966	4.28 ng	23179	1,4-Dichlorobenzene-d4	8.396

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, hexyl-	154	C11H22	004457-00-5	43
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	35
3			Oxirane, hexyl-	128	C8H16O	002984-50-1	35
4			4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	30
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27



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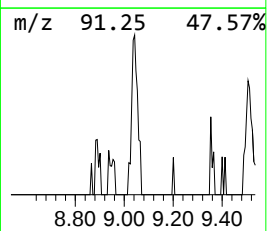
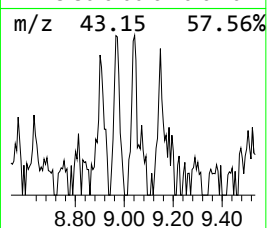
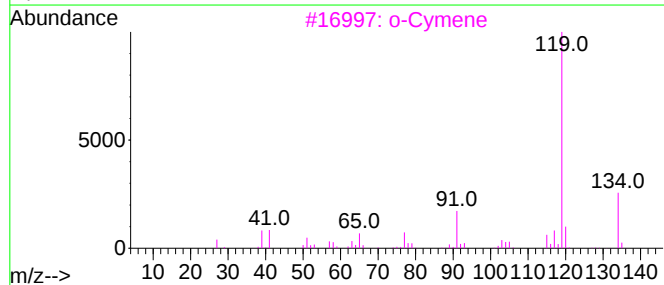
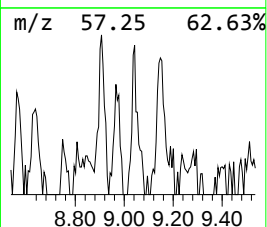
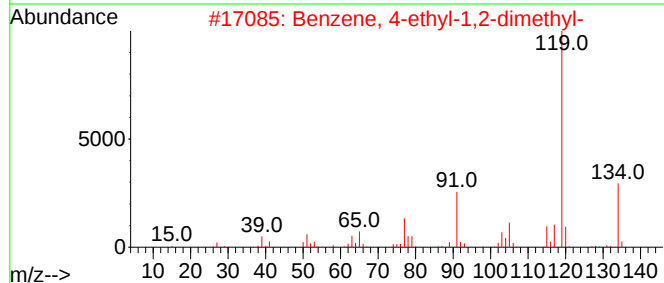
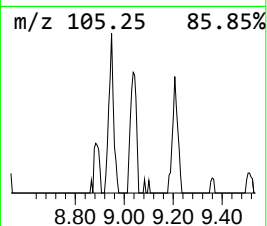
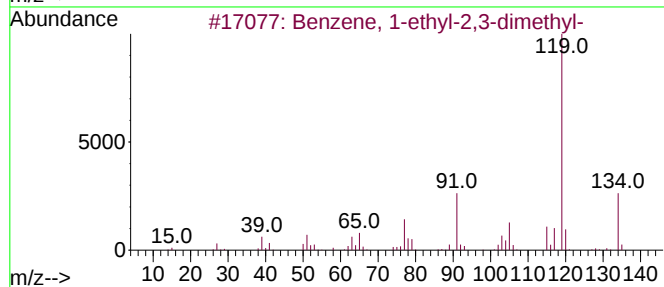
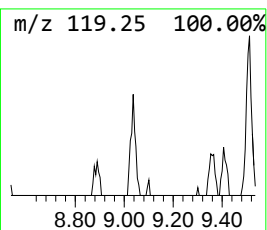
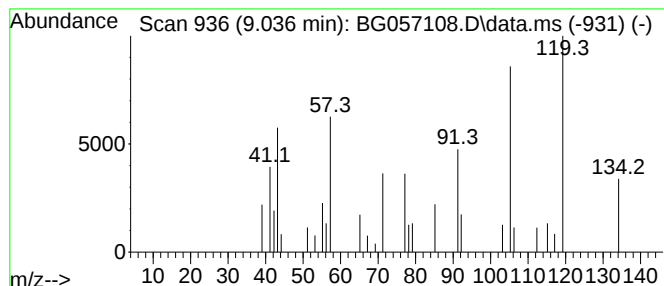
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.036	4.77 ng	25856	1,4-Dichlorobenzene-d4	8.396

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3			o-Cymene	134	C10H14	000527-84-4	47
4			.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	47
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-041323

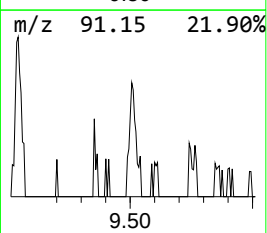
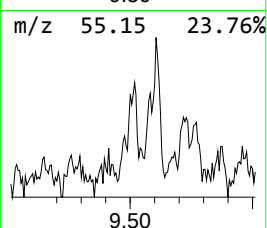
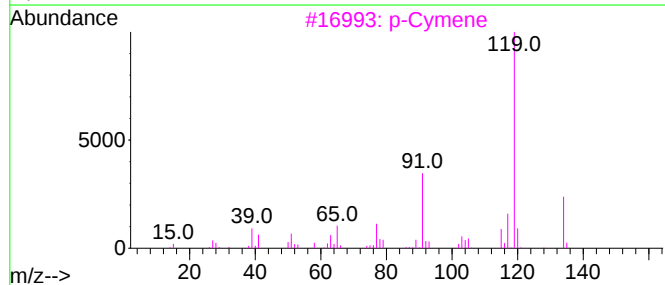
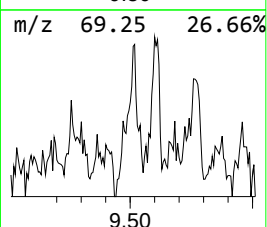
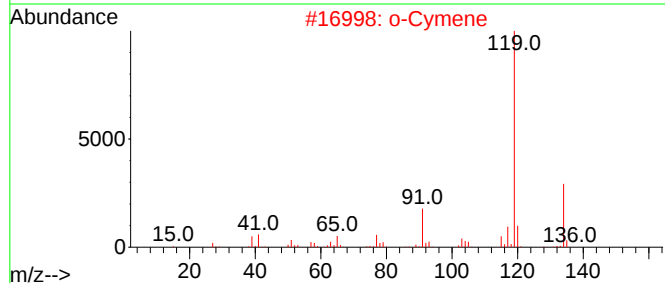
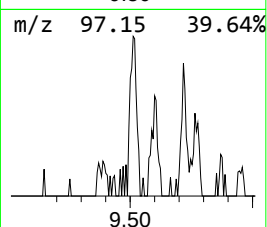
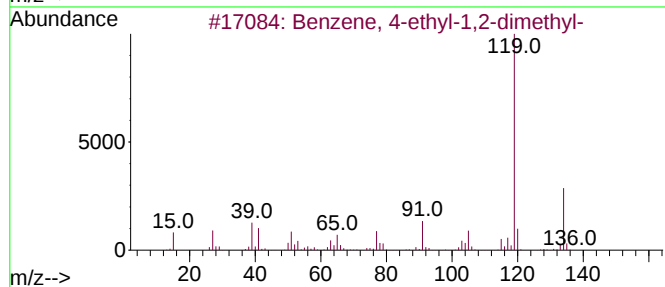
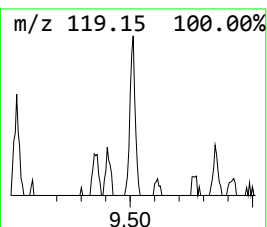
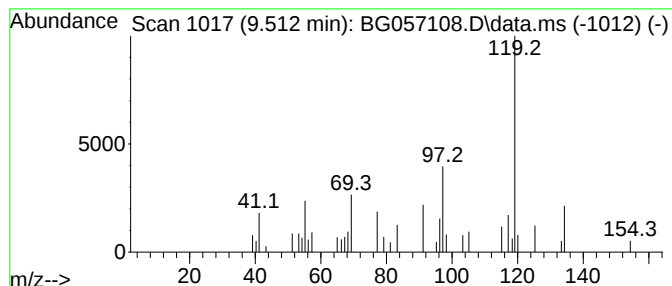
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.512 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.512	4.12 ng	22326	1,4-Dichlorobenzene-d4	8.396

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
2		o-Cymene	134	C10H14	000527-84-4	47
3		p-Cymene	134	C10H14	000099-87-6	47
4		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	47
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
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ClientSampleId :
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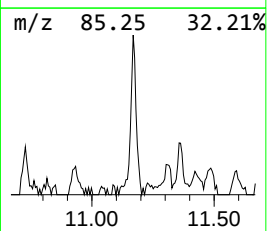
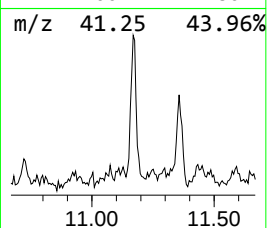
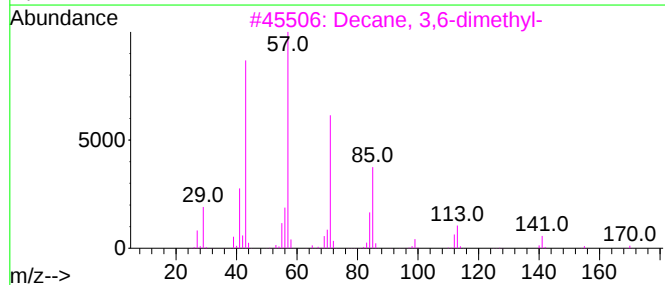
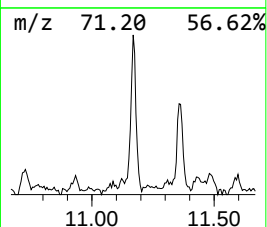
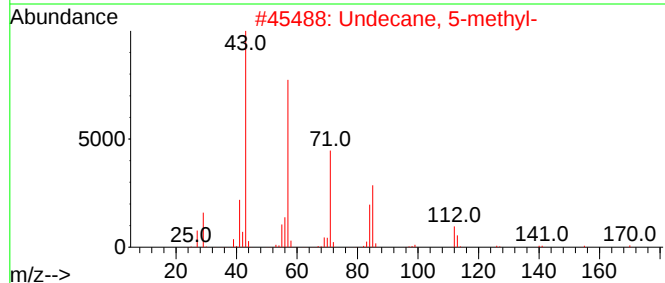
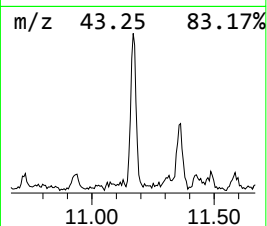
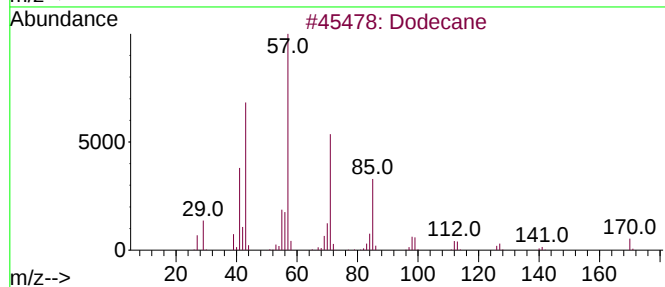
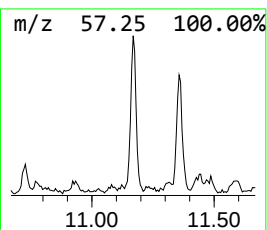
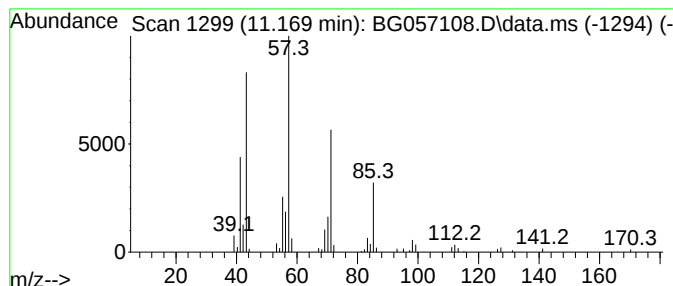
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	11.39 ng	97337	Naphthalene-d8	11.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	74
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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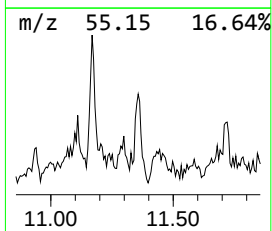
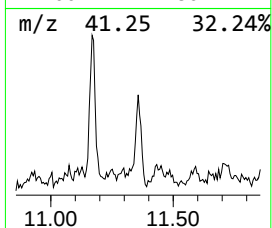
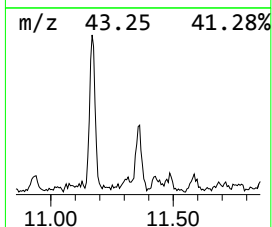
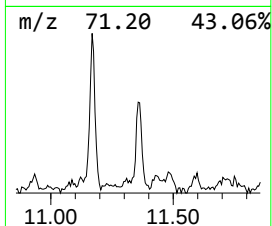
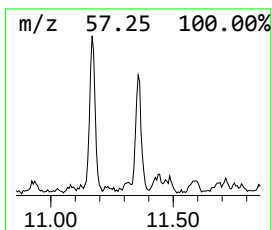
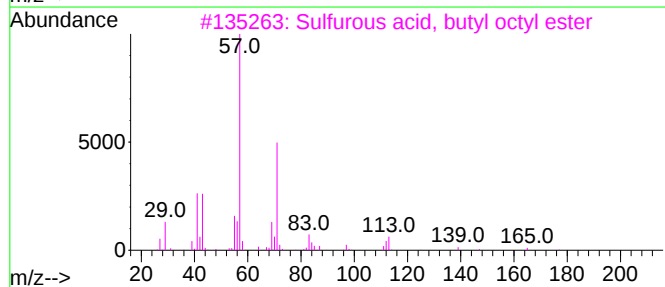
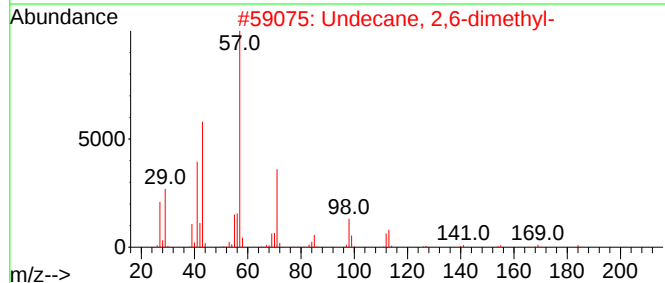
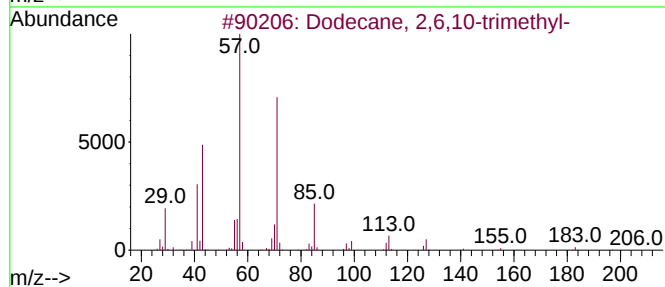
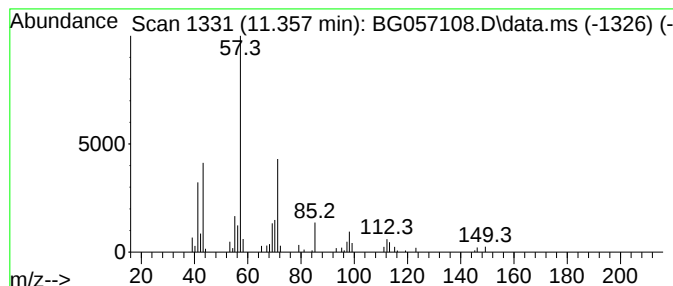
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	9.12 ng	77983	Naphthalene-d8	11.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
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ALS Vial : 16 Sample Multiplier: 1

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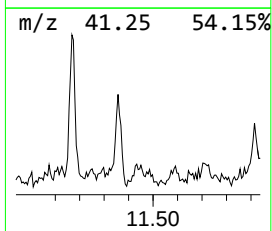
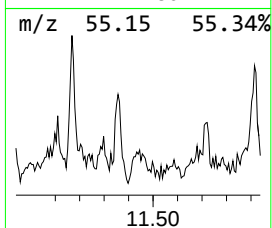
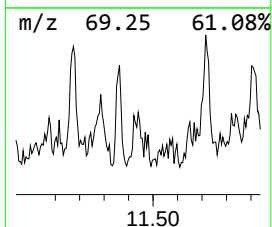
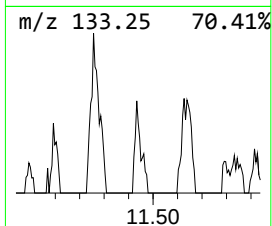
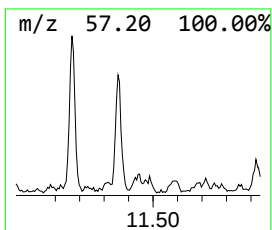
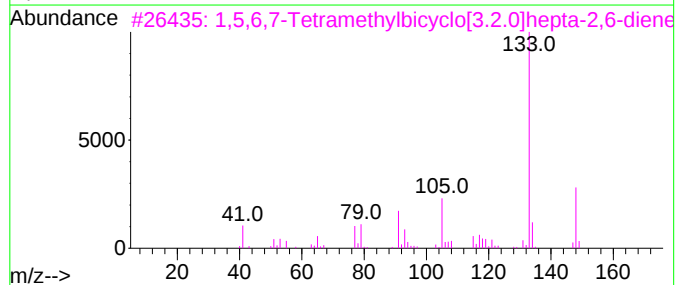
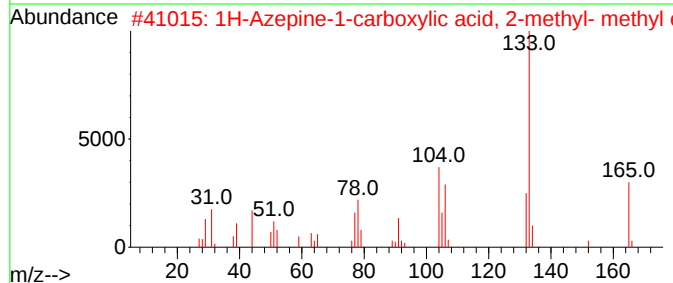
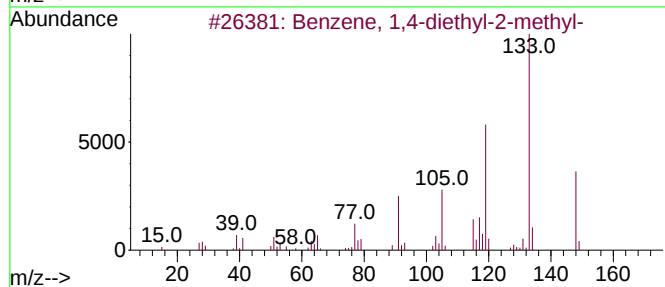
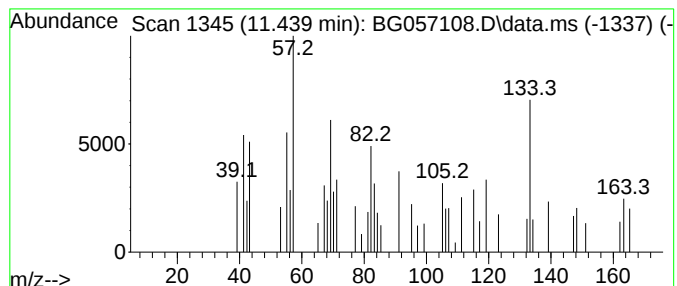
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.439 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	3.94 ng	33660	Naphthalene-d8	11.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	22
2			1H-Azepine-1-carboxylic acid, 2-...	165	C9H11NO2	014194-59-3	22
3			1,5,6,7-Tetramethylbicyclo[3.2.0]...	148	C11H16	134329-46-7	14
4			Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	11
5			3,4-Nonadien-6-yne, 5-ethyl-3-me...	162	C12H18	061227-88-1	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
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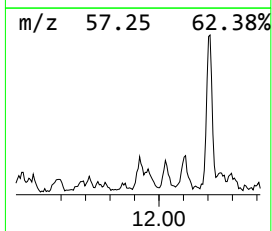
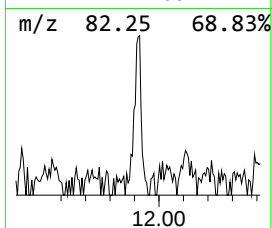
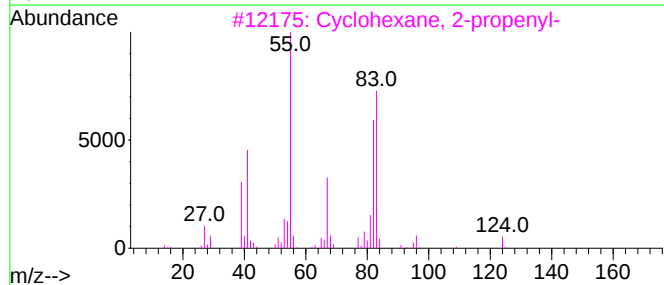
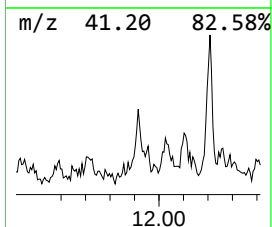
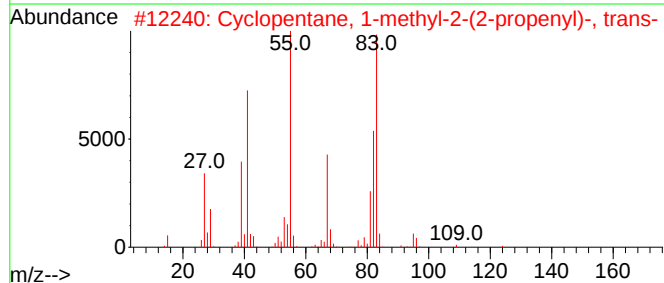
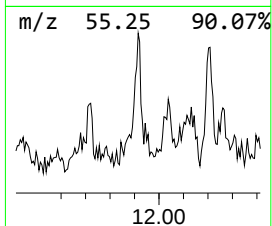
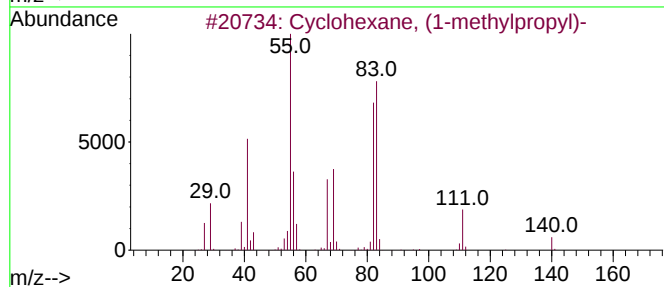
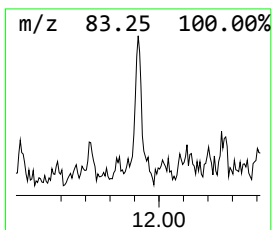
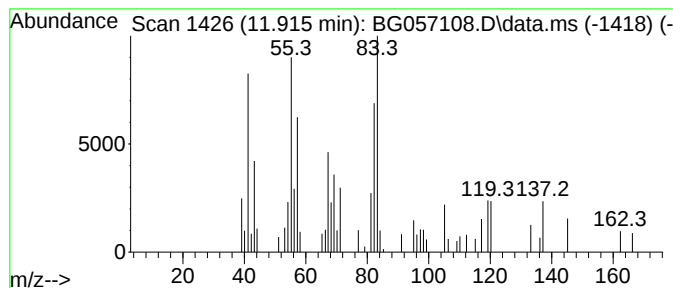
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown11.915 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.915	6.91 ng	59098	Naphthalene-d8	11.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	47
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	47
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	43
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
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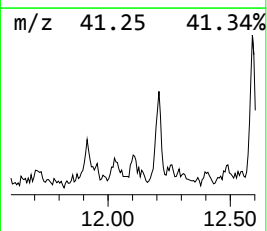
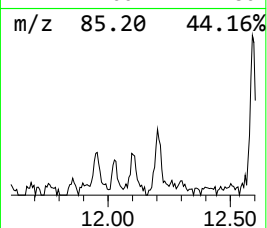
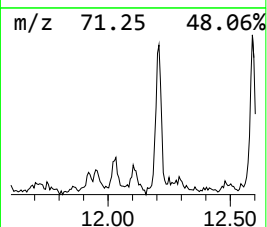
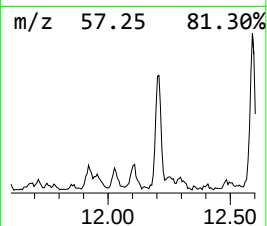
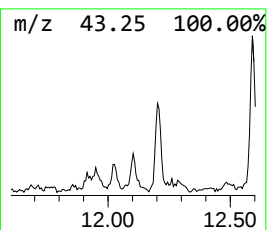
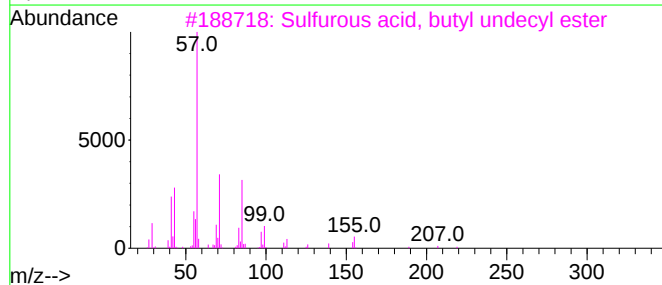
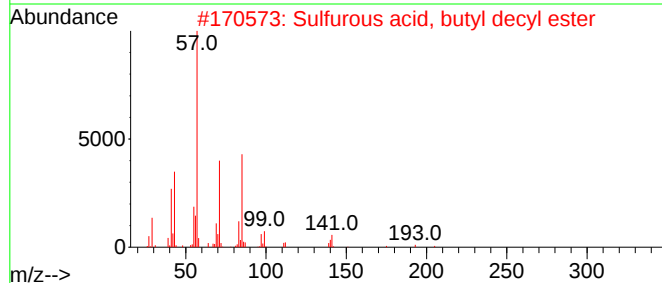
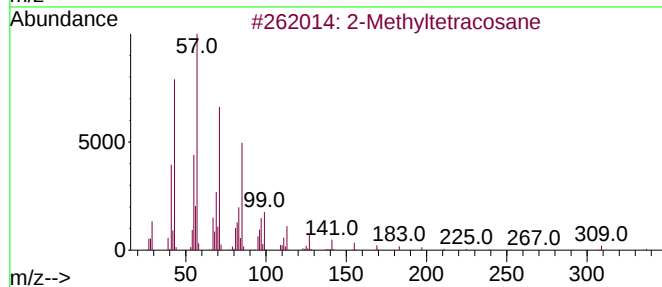
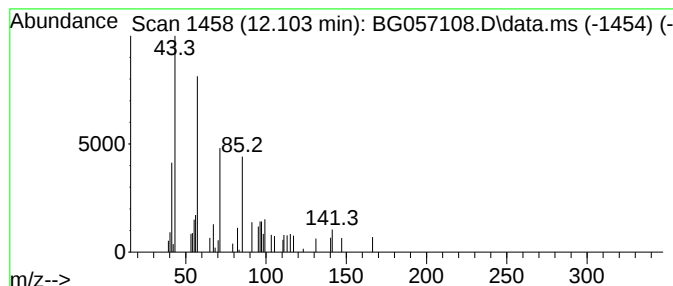
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Methyltetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.103	4.53 ng	38719	Naphthalene-d8	11.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyltetracosane	352	C25H52	001560-78-7	72
2			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
3			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	59
4			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	59
5			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
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ALS Vial : 16 Sample Multiplier: 1

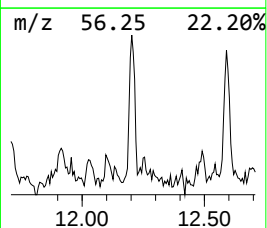
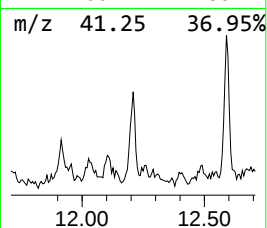
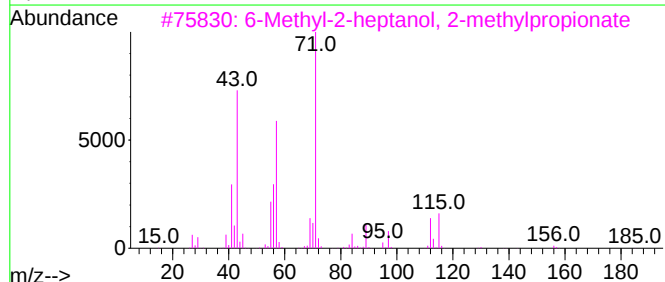
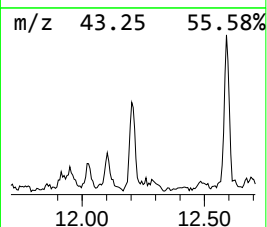
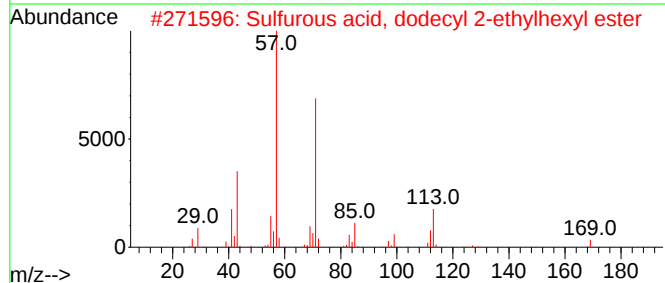
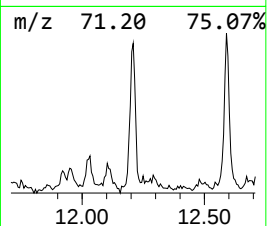
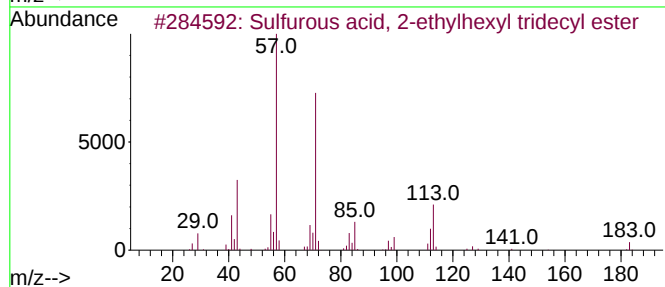
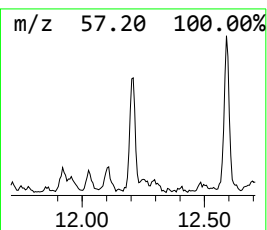
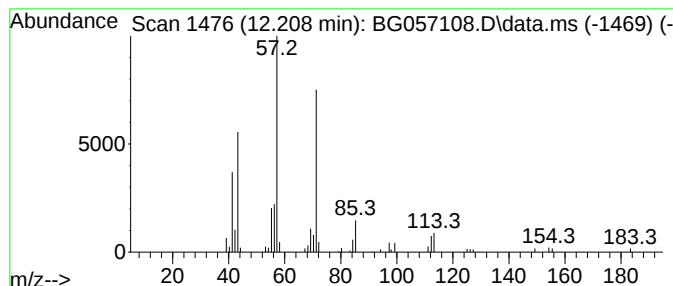
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ClientSampleId :
NB-07-041323

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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 10 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.208	10.70 ng	91424	Naphthalene-d8	11.245	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
3	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	64
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-041323

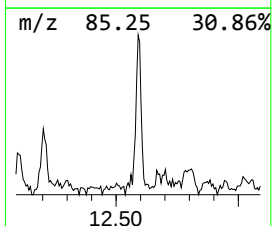
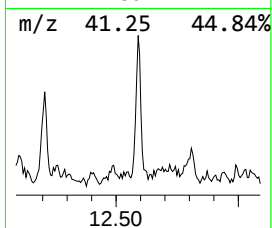
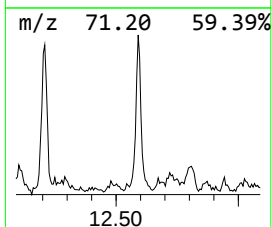
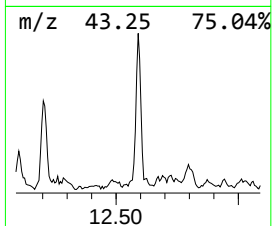
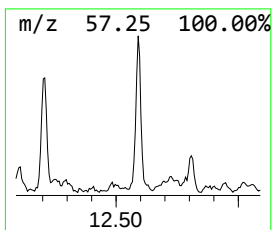
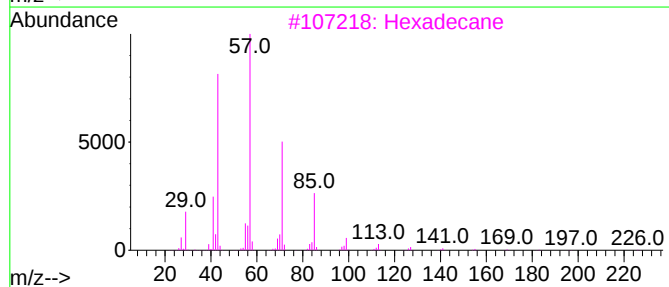
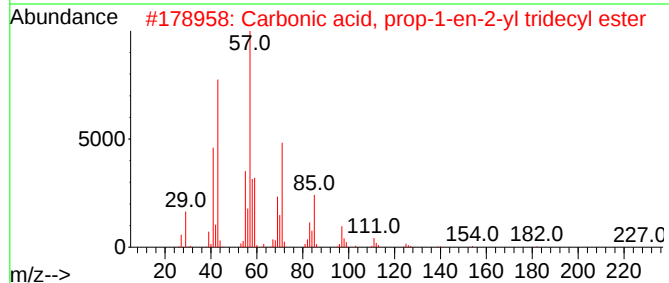
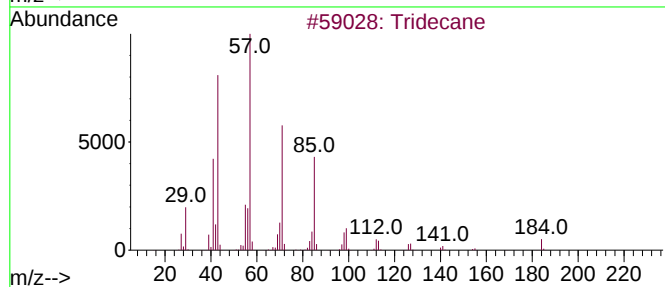
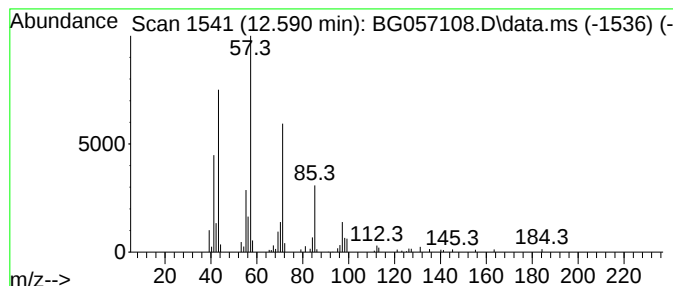
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.590	13.00 ng	111105	Naphthalene-d8	11.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	93
2		Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
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Instrument :
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ClientSampleId :
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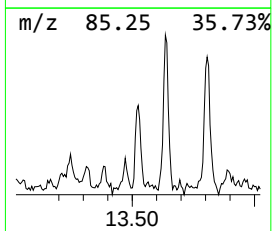
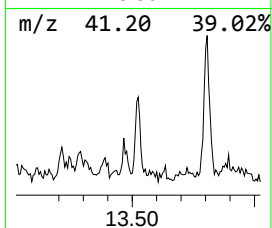
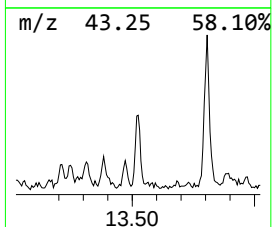
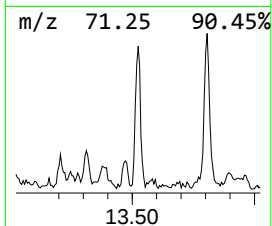
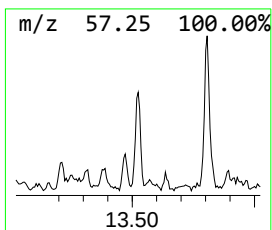
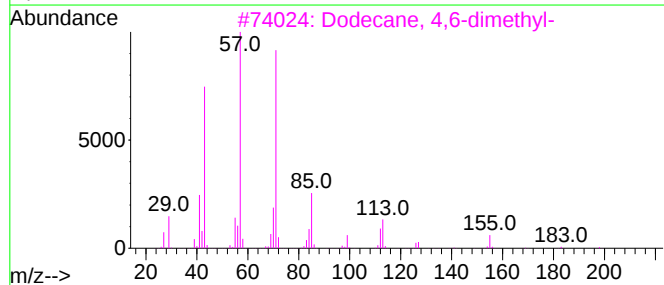
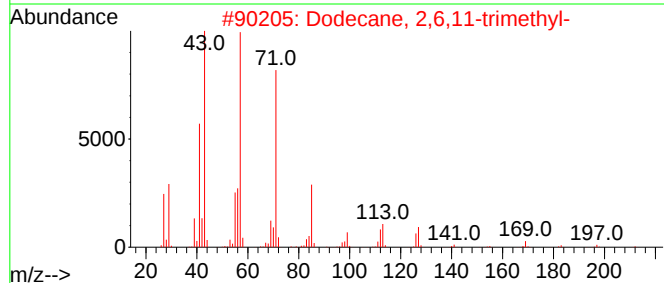
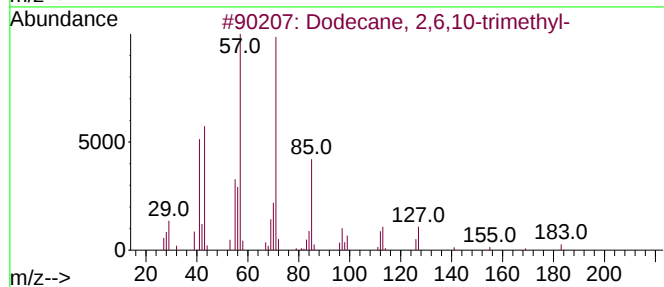
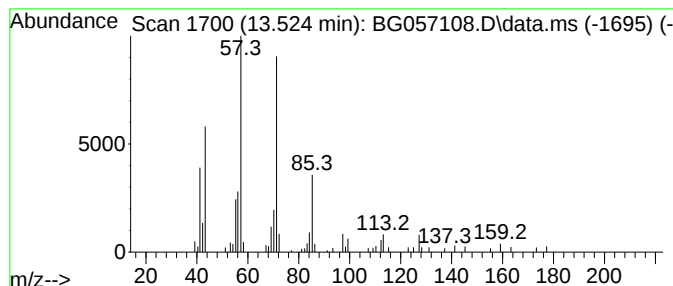
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.524	7.18 ng	79035	Acenaphthene-d10	15.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
5			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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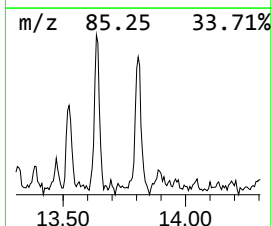
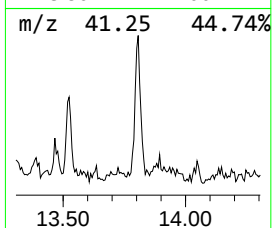
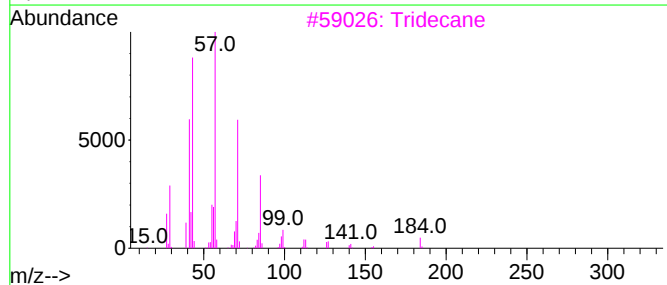
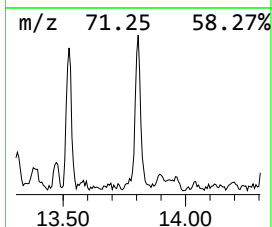
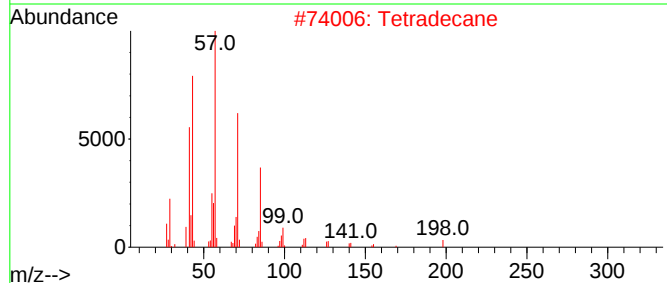
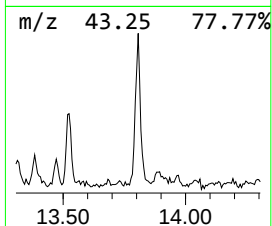
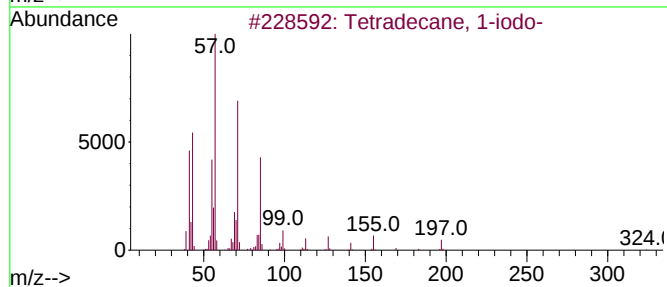
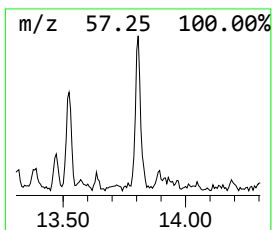
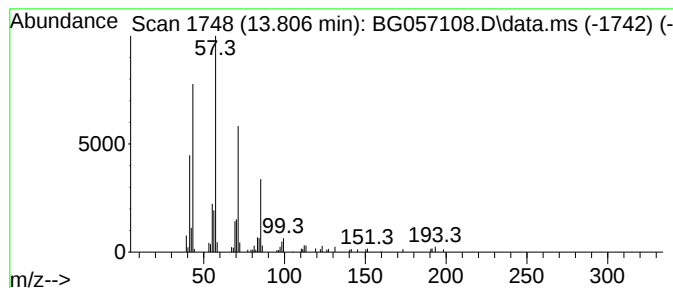
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	10.20 ng	112228	Acenaphthene-d10	15.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
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Misc :
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Instrument :
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ClientSampleId :
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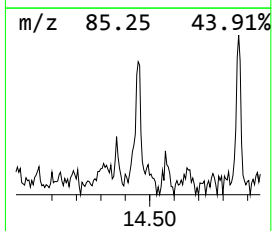
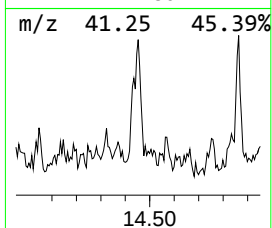
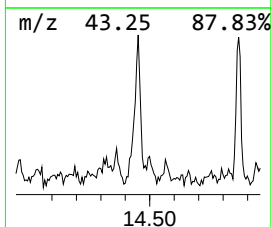
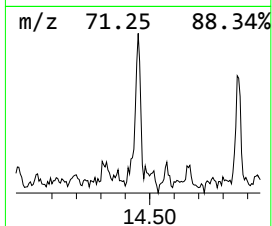
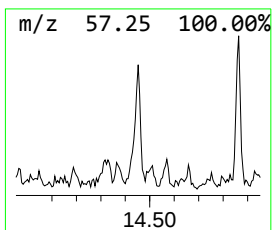
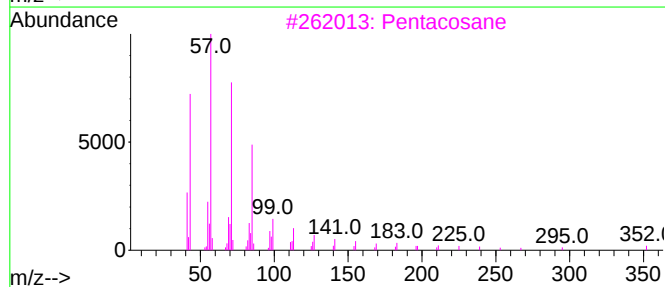
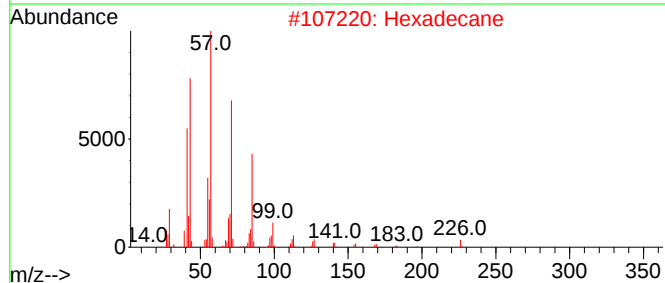
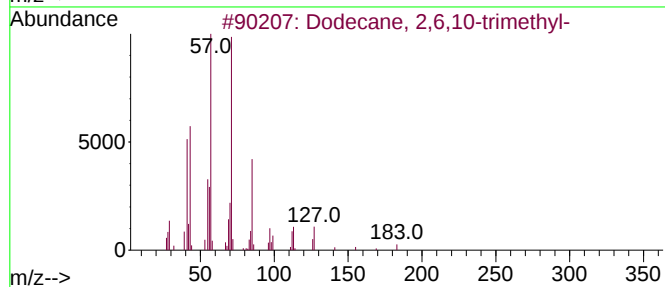
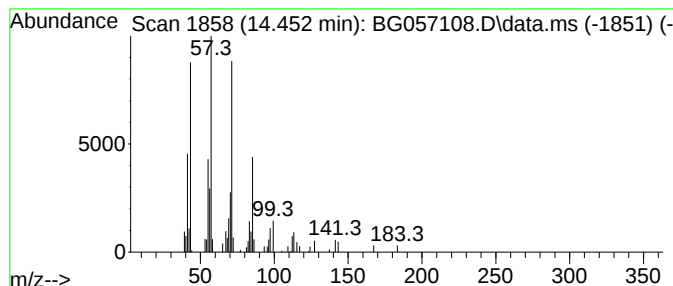
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	7.83 ng	86102	Acenaphthene-d10	15.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Hexadecane	226	C16H34	000544-76-3	86
3			Pentacosane	352	C25H52	000629-99-2	80
4			Hexacosane	366	C26H54	000630-01-3	80
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-041323

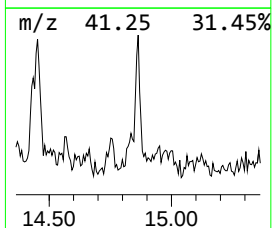
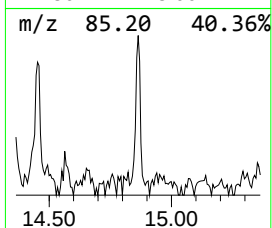
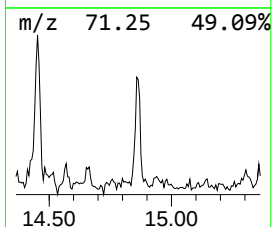
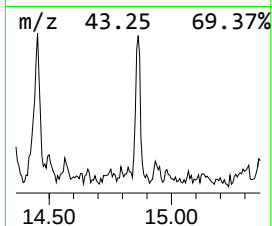
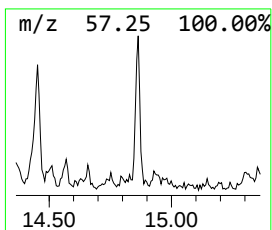
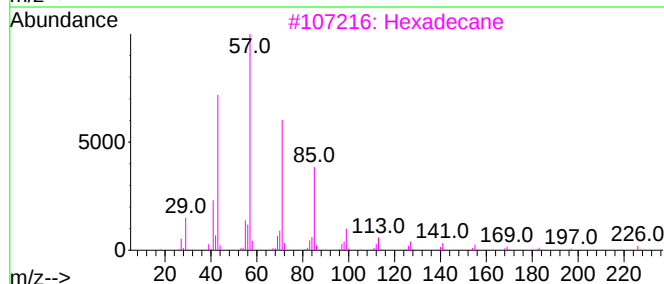
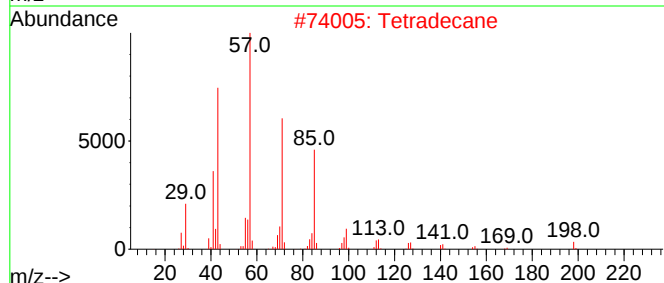
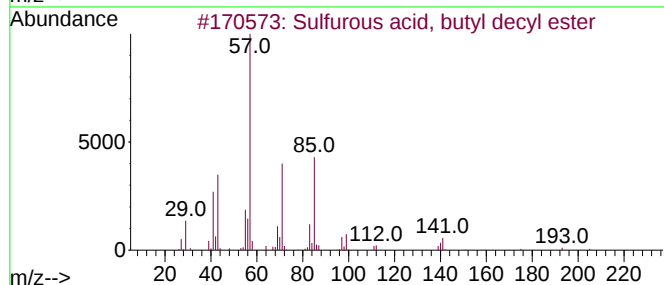
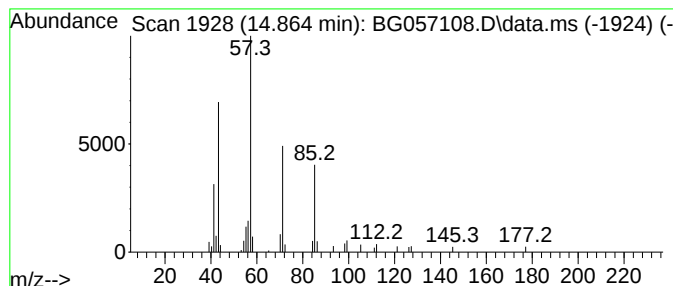
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Sulfurous acid, butyl decyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.864	4.00 ng	43958	Acenaphthene-d10	15.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	83
2			Tetradecane	198	C14H30	000629-59-4	78
3			Hexadecane	226	C16H34	000544-76-3	78
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
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ALS Vial : 16 Sample Multiplier: 1

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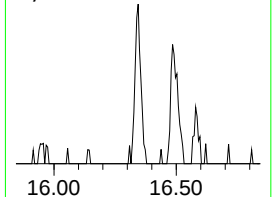
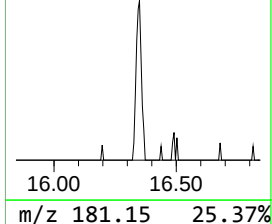
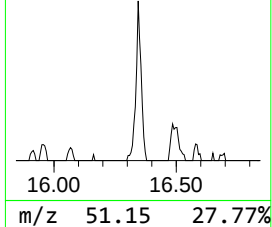
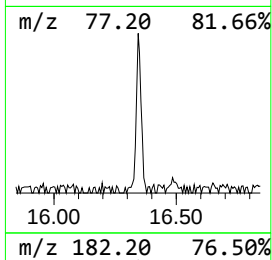
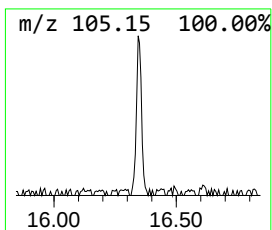
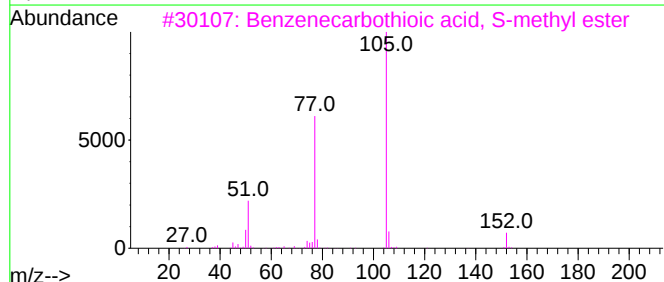
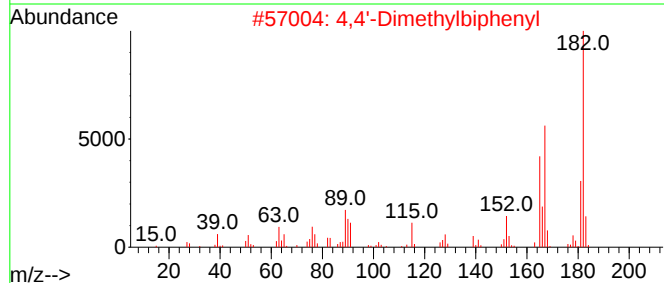
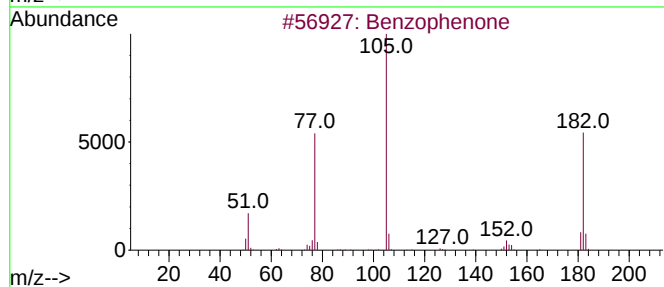
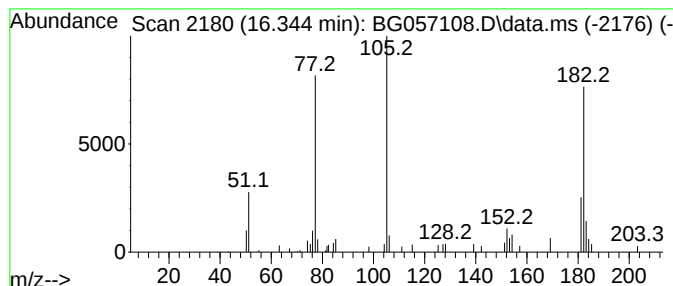
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.344	3.94 ng	43324	Acenaphthene-d10	15.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	87
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
4			2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	38
5			1,2-Propanedione, 1-phenyl-, 2-o...	163	C9H9NO2	000119-51-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-041323

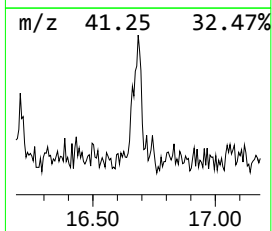
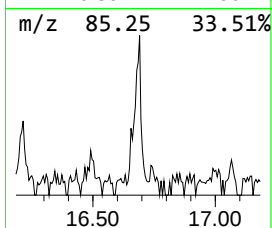
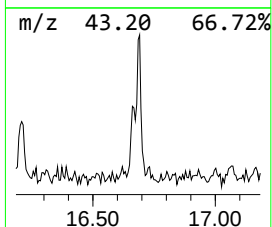
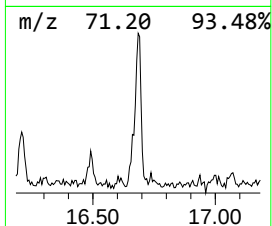
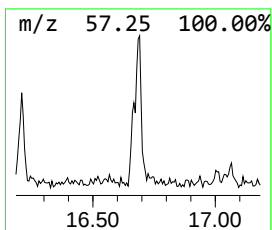
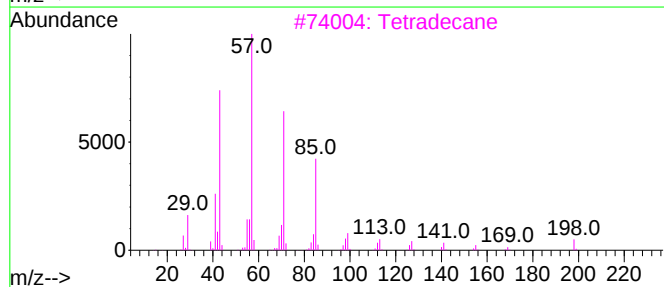
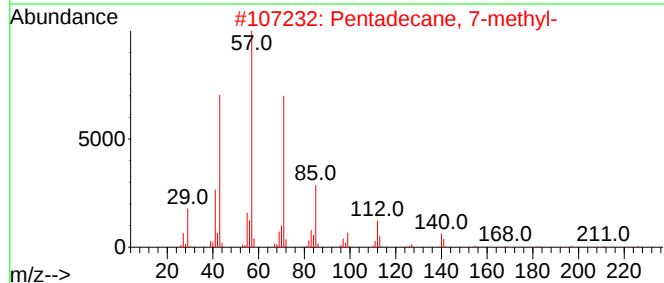
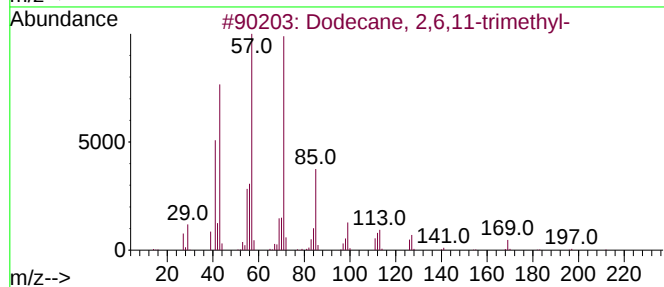
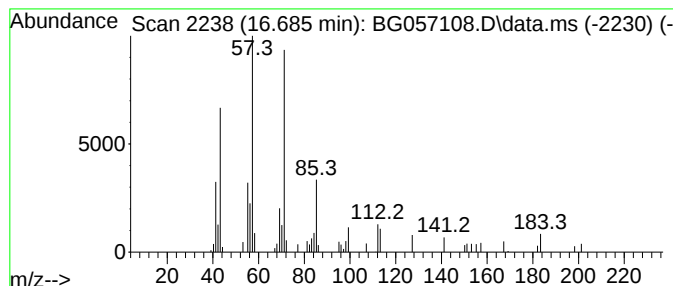
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.685	5.64 ng	71232	Phenanthrene-d10	17.754

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3		Tetradecane	198	C14H30	000629-59-4	68
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

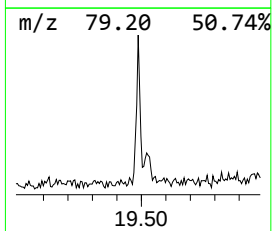
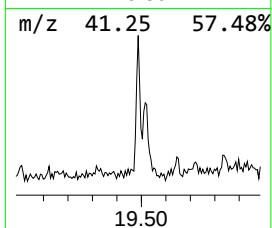
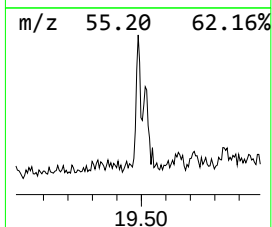
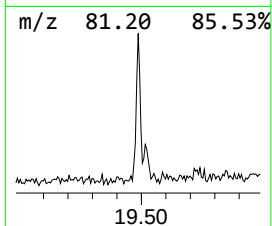
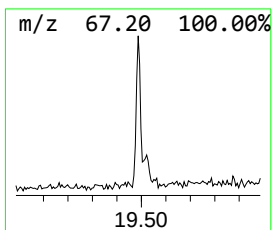
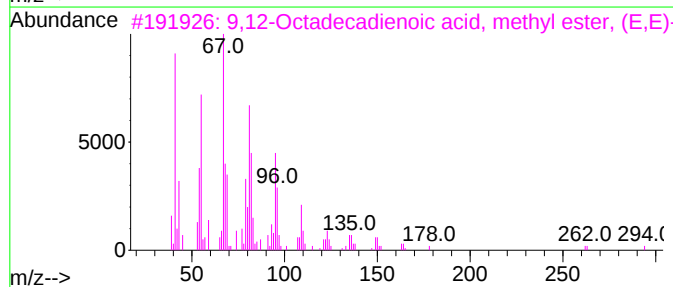
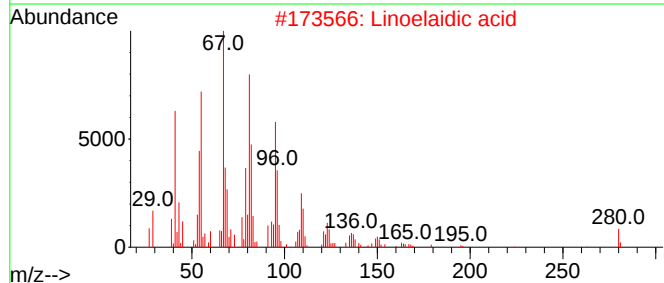
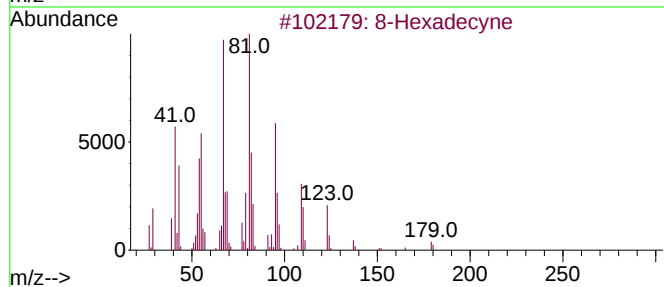
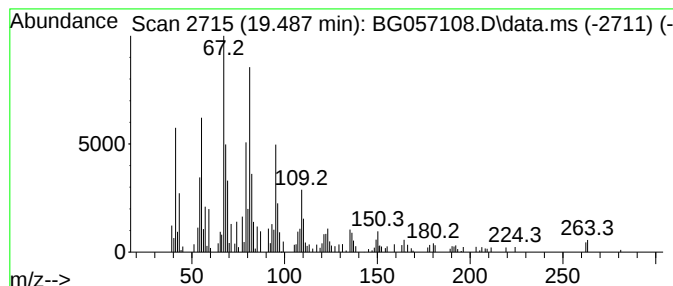
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ClientSampleId :
NB-07-041323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8-Hexadecyne Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.487	9.94 ng	125469	Phenanthrene-d10	17.754	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hexadecyne	222	C16H30	019781-86-3	58
2	Linoelaidic acid	280	C18H32O2	000506-21-8	58
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	53
4	8,10-Dodecadien-1-ol, acetate, (...	224	C14H24O2	053880-51-6	49
5	cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

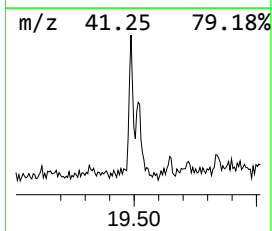
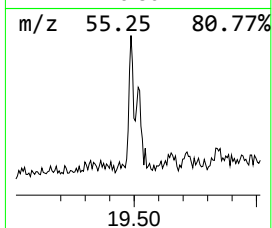
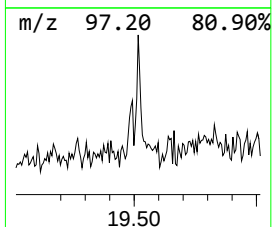
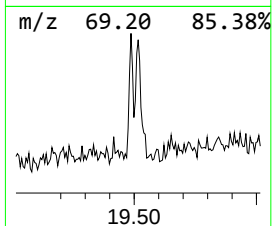
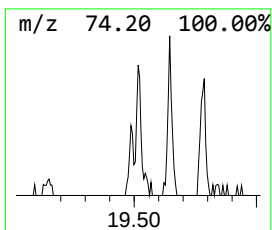
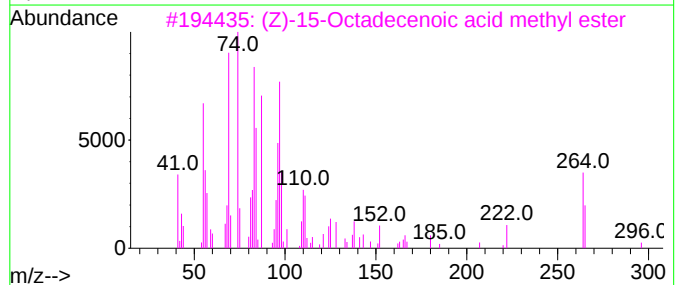
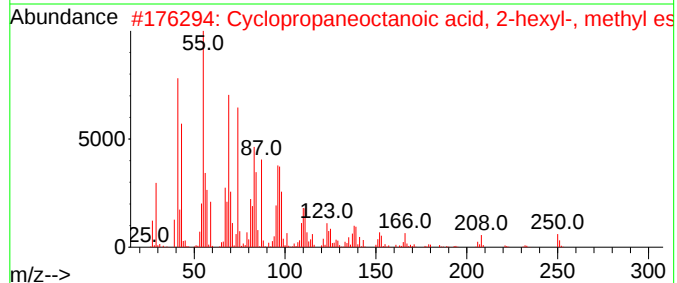
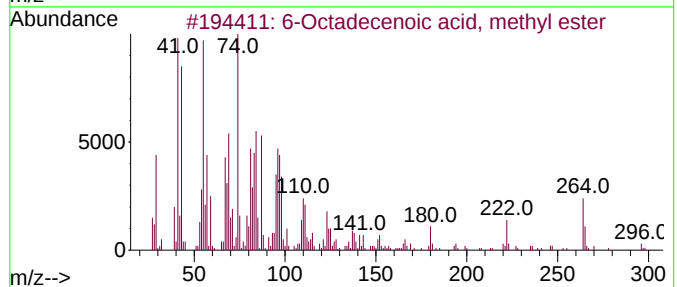
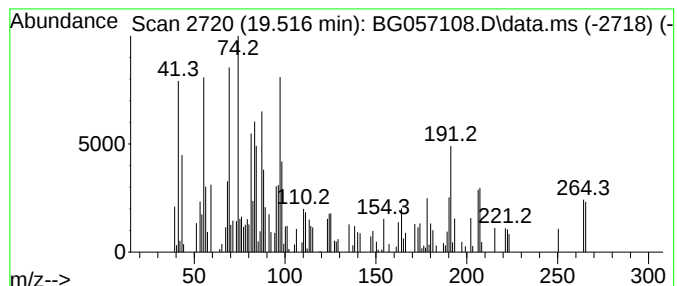
Instrument :
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ClientSampleId :
NB-07-041323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.516 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.516	6.13 ng	77405	Phenanthrene-d10	17.754	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	49
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	46
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	43
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	38
5	4-Octadecenoic acid, methyl ester	296	C19H36O2	056555-10-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

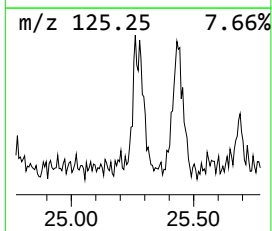
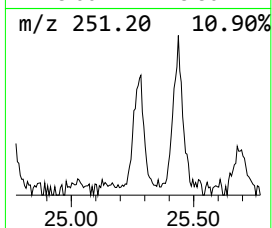
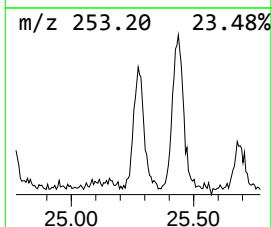
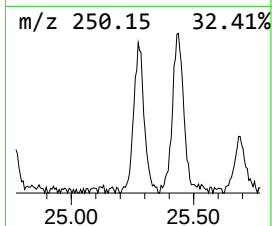
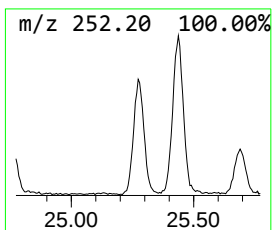
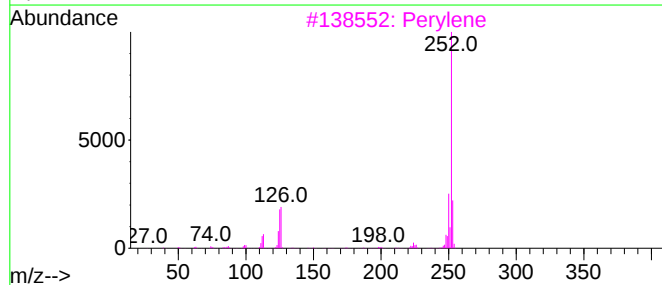
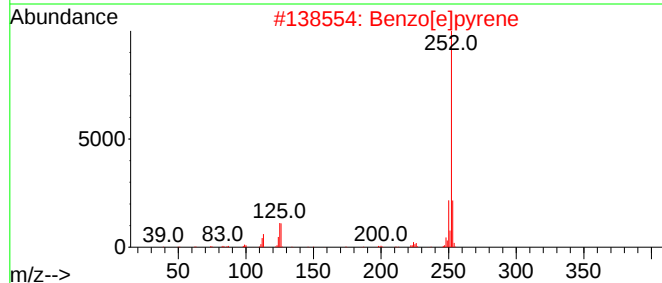
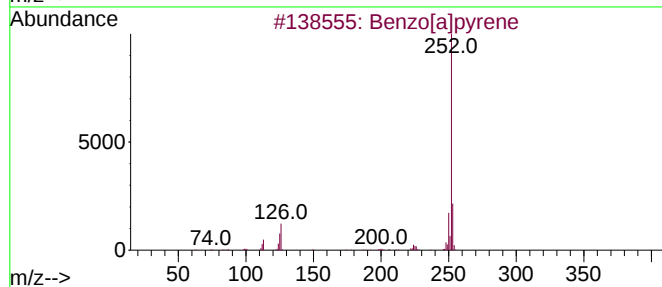
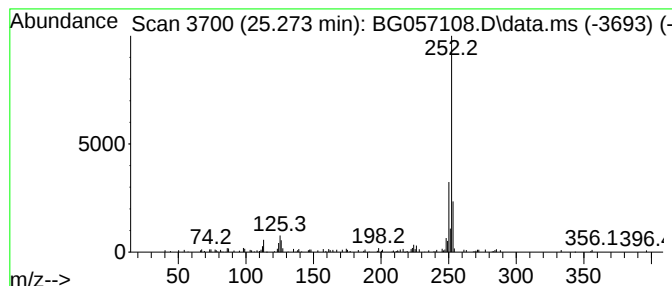
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.273	15.33 ng	134953	Perylene-d12	25.602	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057108.D
Acq On : 14 Apr 2023 20:37
Operator : CG/JU
Sample : 02349-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-041323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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-...	5.435	15.0	ng	81143	1	8.396	108419	20.0
unknown8.966	8.966	4.3	ng	23179	1	8.396	108419	20.0
Benzene, 1-ethy...	9.036	4.8	ng	25856	1	8.396	108419	20.0
unknown9.512	9.512	4.1	ng	22326	1	8.396	108419	20.0
Dodecane	11.169	11.4	ng	97337	2	11.245	170930	20.0
Dodecane, 2,6,1...	11.357	9.1	ng	77983	2	11.245	170930	20.0
unknown11.439	11.439	3.9	ng	33660	2	11.245	170930	20.0
unknown11.915	11.915	6.9	ng	59098	2	11.245	170930	20.0
2-Methyltetraaco...	12.103	4.5	ng	38719	2	11.245	170930	20.0
Sulfurous acid,...	12.208	10.7	ng	91424	2	11.245	170930	20.0
Tridecane	12.590	13.0	ng	111105	2	11.245	170930	20.0
Dodecane, 2,6,1...	13.524	7.2	ng	79035	3	15.010	220004	20.0
Tetradecane, 1-...	13.806	10.2	ng	112228	3	15.010	220004	20.0
Hexadecane	14.452	7.8	ng	86102	3	15.010	220004	20.0
Sulfurous acid,...	14.864	4.0	ng	43958	3	15.010	220004	20.0
Benzophenone	16.344	3.9	ng	43324	3	15.010	220004	20.0
Pentadecane, 7-...	16.685	5.6	ng	71232	4	17.754	252480	20.0
8-Hexadecyne	19.487	9.9	ng	125469	4	17.754	252480	20.0
unknown19.516	19.516	6.1	ng	77405	4	17.754	252480	20.0
Benzo[e]pyrene	25.273	15.3	ng	134953	6	25.602	176078	20.0