

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058830.D
 Acq On : 23 Aug 2023 20:23
 Operator : MA/JU
 Sample : 04110-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-26(1-2)

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-BG081823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.490	64	68	74	rBV4	7203	10538	1.16%	0.133%
2	4.988	318	323	329	rVB5	7411	11941	1.32%	0.151%
3	5.376	383	389	398	rBV	210680	339772	37.53%	4.287%
4	5.811	457	463	466	rBV3	6700	9400	1.04%	0.119%
5	6.980	651	662	673	rBV	233646	412991	45.61%	5.210%
6	7.415	731	736	739	rBV3	6458	10923	1.21%	0.138%
7	7.802	792	802	809	rBV	59453	107044	11.82%	1.350%
8	8.972	994	1001	1007	rBV	147293	264809	29.25%	3.341%
9	9.024	1007	1010	1023	rVB3	10336	19767	2.18%	0.249%
10	10.605	1265	1279	1284	rBV	94817	187540	20.71%	2.366%
11	10.658	1284	1288	1294	rVB	26048	44702	4.94%	0.564%
12	10.758	1302	1305	1312	rVB3	6982	11699	1.29%	0.148%
13	11.621	1446	1452	1457	rVB2	18367	25323	2.80%	0.319%
14	12.021	1514	1520	1528	rBV2	15482	24794	2.74%	0.313%
15	12.274	1553	1563	1572	rVB2	24480	46373	5.12%	0.585%
16	12.491	1595	1600	1606	rBV	25425	40305	4.45%	0.508%
17	12.979	1677	1683	1689	rVB	13366	19574	2.16%	0.247%
18	13.073	1689	1699	1709	rBV	414221	646230	71.38%	8.153%
19	13.266	1725	1732	1740	rBV2	22441	41567	4.59%	0.524%
20	13.619	1786	1792	1793	rBV3	9464	15020	1.66%	0.189%
21	13.772	1813	1818	1823	rBV3	25820	47103	5.20%	0.594%
22	13.825	1823	1827	1832	rVV	19699	28157	3.11%	0.355%
23	13.925	1838	1844	1848	rBV2	22553	32040	3.54%	0.404%
24	14.013	1855	1859	1861	rBV	13709	18451	2.04%	0.233%
25	14.042	1861	1864	1869	rVB4	8633	13087	1.45%	0.165%
26	14.177	1883	1887	1895	rVB5	6422	9135	1.01%	0.115%
27	14.342	1910	1915	1922	rVB	25821	33712	3.72%	0.425%
28	14.453	1922	1934	1940	rBV	177647	289804	32.01%	3.656%
29	14.677	1966	1972	1975	rBV5	6340	13446	1.49%	0.170%
30	14.718	1975	1979	1987	rBV2	17027	35585	3.93%	0.449%
31	14.853	1997	2002	2008	rVB	25212	40142	4.43%	0.506%
32	14.929	2008	2015	2018	rBV2	13357	21650	2.39%	0.273%
33	15.070	2034	2039	2044	rBV2	17327	25456	2.81%	0.321%
34	15.123	2044	2048	2053	rVB	11436	16329	1.80%	0.206%
35	15.241	2062	2068	2071	rBV4	21446	36856	4.07%	0.465%
36	15.294	2071	2077	2084	rVB2	28928	46366	5.12%	0.585%

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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-BG081823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.487	2105	2110	2115	rBV2	24157	35996	3.98%	0.454%
38	15.699	2140	2146	2155	rVB3	15270	31175	3.44%	0.393%
39	15.799	2155	2163	2169	rVB4	17014	33680	3.72%	0.425%
40	15.946	2179	2188	2196	rBV	323940	523454	57.82%	6.604%
41	16.175	2219	2227	2234	rBV	69368	141981	15.68%	1.791%
42	16.510	2274	2284	2289	rBV10	7129	20458	2.26%	0.258%
43	16.733	2314	2322	2326	rBV5	19798	44635	4.93%	0.563%
44	16.862	2339	2344	2349	rBV3	14140	25123	2.77%	0.317%
45	16.945	2352	2358	2362	rVV3	41612	58821	6.50%	0.742%
46	16.997	2364	2367	2371	rVB3	7024	9358	1.03%	0.118%
47	17.197	2396	2401	2406	rBV	227135	352595	38.94%	4.448%
48	17.244	2406	2409	2413	rVB	39082	54852	6.06%	0.692%
49	17.373	2429	2431	2433	rBV3	7921	9189	1.01%	0.116%
50	17.485	2445	2450	2452	rBV6	8166	15366	1.70%	0.194%
51	17.514	2452	2455	2466	rVB8	9676	20262	2.24%	0.256%
52	17.603	2466	2470	2473	rBV6	9506	15396	1.70%	0.194%
53	17.685	2478	2484	2489	rVB2	42705	58494	6.46%	0.738%
54	18.090	2546	2553	2555	rBV2	52525	93636	10.34%	1.181%
55	18.120	2555	2558	2565	rVB2	48879	82092	9.07%	1.036%
56	18.190	2565	2570	2572	rBV6	8952	15644	1.73%	0.197%
57	18.261	2578	2582	2586	rBV2	29694	45166	4.99%	0.570%
58	18.308	2586	2590	2596	rVB	26132	40337	4.46%	0.509%
59	18.378	2596	2602	2607	rBV	41714	62963	6.95%	0.794%
60	18.472	2613	2618	2622	rVB6	9080	14595	1.61%	0.184%
61	18.572	2631	2635	2641	rBV3	18288	33621	3.71%	0.424%
62	18.789	2668	2672	2674	rBV5	8801	12280	1.36%	0.155%
63	18.825	2674	2678	2683	rVV5	19139	35279	3.90%	0.445%
64	18.872	2683	2686	2690	rVV	16427	28242	3.12%	0.356%
65	18.913	2690	2693	2697	rVB	12927	16452	1.82%	0.208%
66	19.007	2702	2709	2713	rVV2	58912	126262	13.95%	1.593%
67	19.048	2713	2716	2720	rVV3	20082	34368	3.80%	0.434%
68	19.083	2720	2722	2726	rVV	20015	22793	2.52%	0.288%
69	19.136	2726	2731	2737	rVV3	17327	34068	3.76%	0.430%
70	19.254	2747	2751	2758	rVB	45088	68616	7.58%	0.866%
71	19.318	2758	2762	2765	rBV	12080	16109	1.78%	0.203%
72	19.365	2765	2770	2775	rBV7	20941	38200	4.22%	0.482%
73	19.588	2804	2808	2811	rBV	35981	47431	5.24%	0.598%
74	19.618	2811	2813	2822	rVV3	29791	59342	6.55%	0.749%
75	19.694	2822	2826	2832	rVB2	26730	46035	5.08%	0.581%
76	19.818	2842	2847	2852	rBV	687029	905393	100.00%	11.423%

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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-BG081823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.935	2862	2867	2872	rBV7	17746	44332	4.90%	0.559%
78	20.029	2879	2883	2886	rBV6	8349	12257	1.35%	0.155%
79	20.064	2886	2889	2894	rBV5	13179	28992	3.20%	0.366%
80	20.117	2894	2898	2902	rVV2	50546	61039	6.74%	0.770%
81	20.205	2911	2913	2918	rBV5	6750	13016	1.44%	0.164%
82	20.270	2918	2924	2928	rVB6	12691	26800	2.96%	0.338%
83	20.411	2944	2948	2953	rBV4	17526	37854	4.18%	0.478%
84	20.611	2978	2982	2988	rVB	37745	44738	4.94%	0.564%
85	20.863	3021	3025	3030	rBV3	21325	35029	3.87%	0.442%
86	21.010	3047	3050	3052	rBV3	9882	12589	1.39%	0.159%
87	21.046	3053	3056	3059	rVV5	18187	27839	3.07%	0.351%
88	21.093	3060	3064	3075	rVV2	70679	139979	15.46%	1.766%
89	21.181	3076	3079	3088	rVB3	21483	45892	5.07%	0.579%
90	21.439	3117	3123	3129	rBV	222103	384355	42.45%	4.849%
91	21.610	3149	3152	3159	rVB	25211	37720	4.17%	0.476%
92	21.903	3197	3202	3204	rBV6	9426	16823	1.86%	0.212%
93	22.133	3239	3241	3246	rVB3	13321	19493	2.15%	0.246%
94	22.191	3247	3251	3258	rVB3	24040	40823	4.51%	0.515%
95	22.838	3357	3361	3366	rVB3	18011	23760	2.62%	0.300%
96	23.020	3388	3392	3398	rVB2	30278	54900	6.06%	0.693%
97	23.537	3476	3480	3485	rBV3	13669	28766	3.18%	0.363%
98	24.224	3592	3597	3605	rVB4	15333	36938	4.08%	0.466%
99	24.365	3617	3621	3629	rVB2	11120	26510	2.93%	0.334%
100	24.512	3636	3646	3660	rVB	146135	398514	44.02%	5.028%

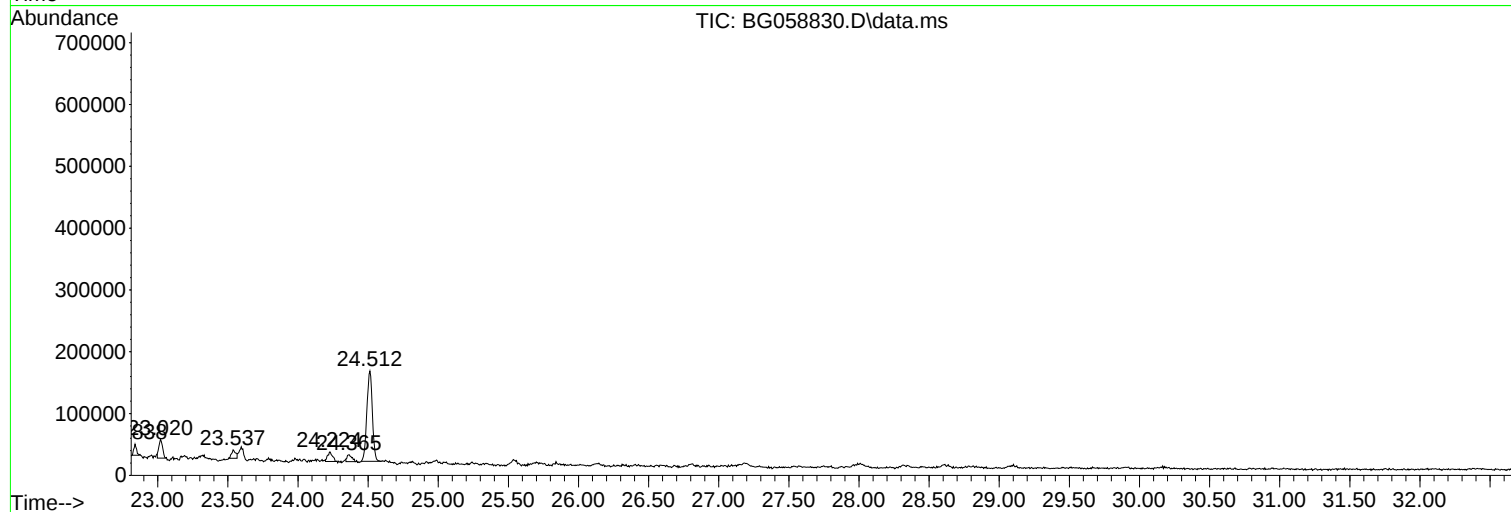
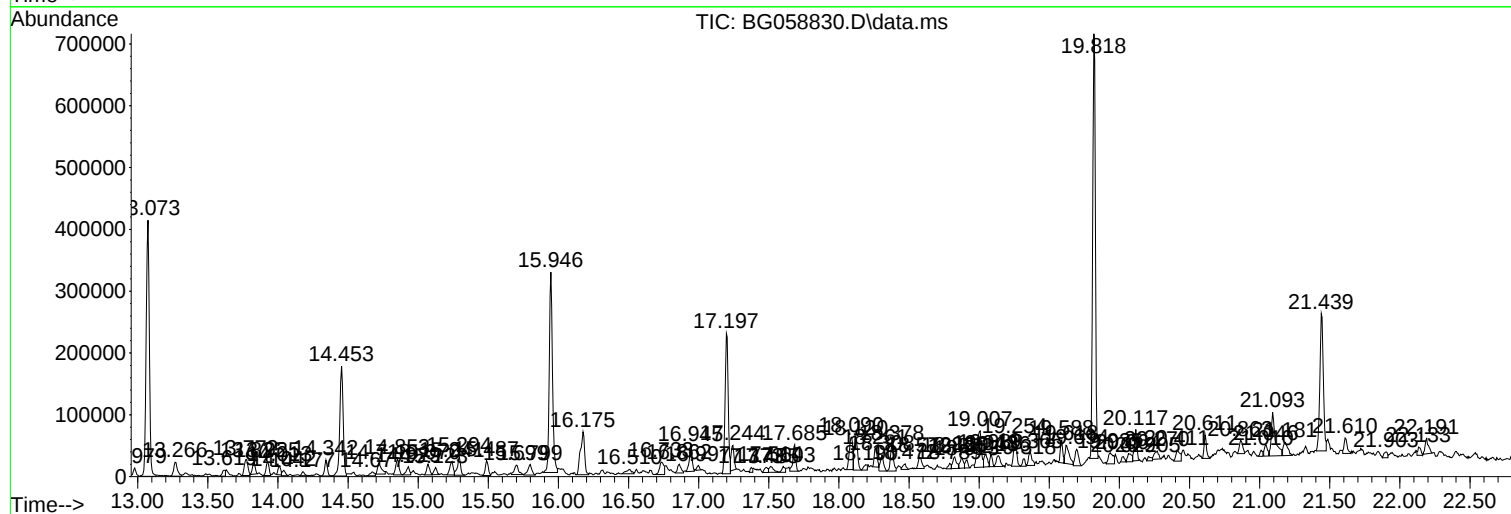
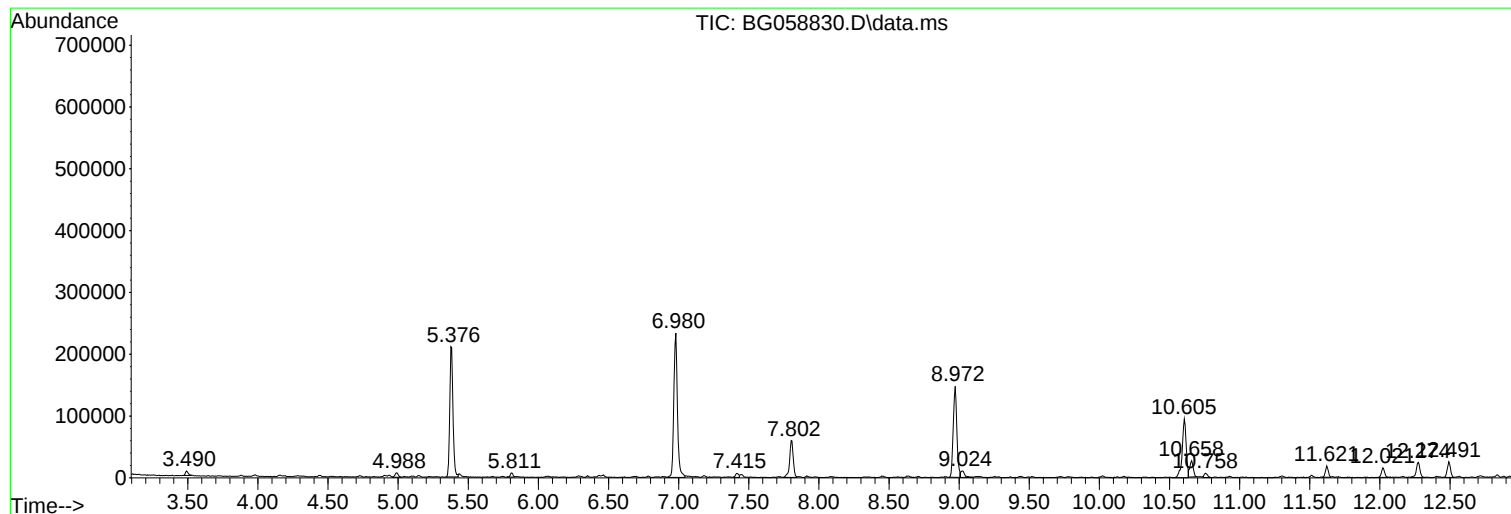
Sum of corrected areas: 7926348

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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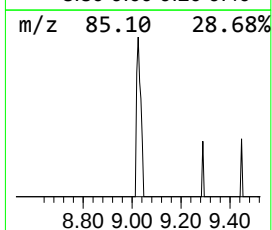
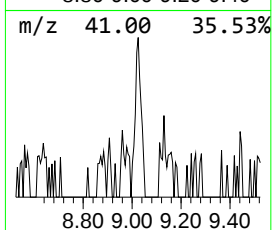
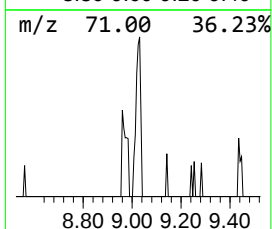
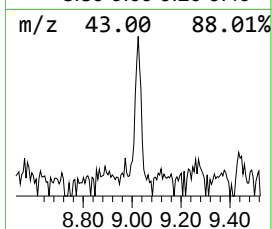
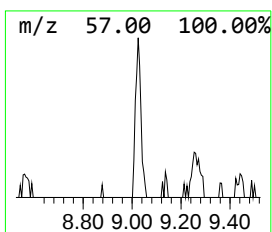
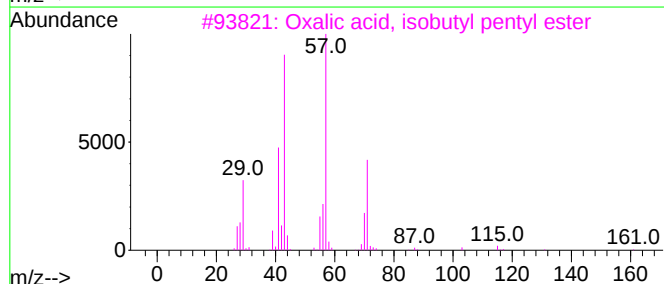
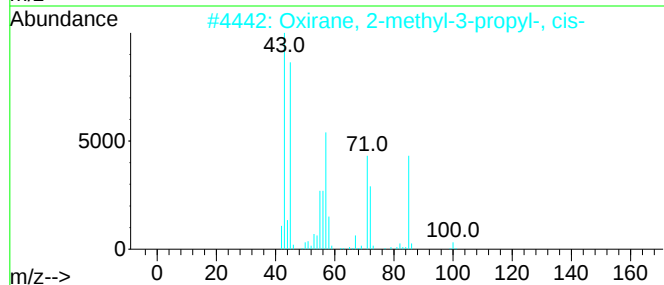
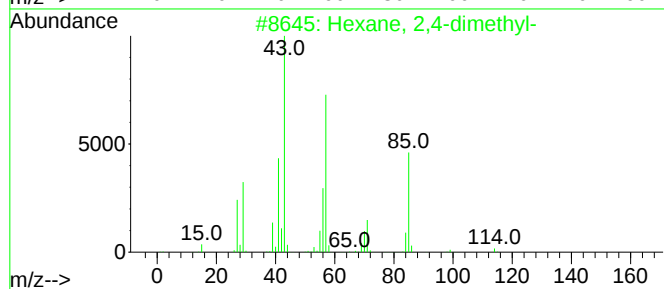
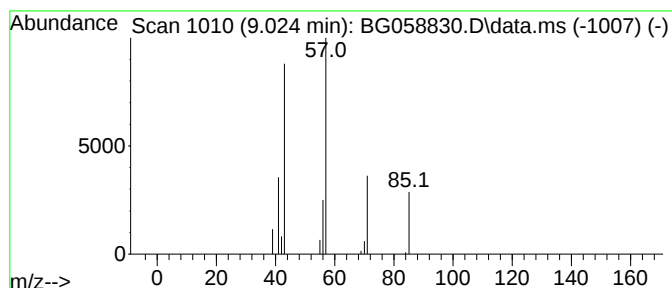
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown9.024 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.024	3.69 ng	19767	1,4-Dichlorobenzene-d4	7.808

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	45
2			Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	38
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	36
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	23
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	17



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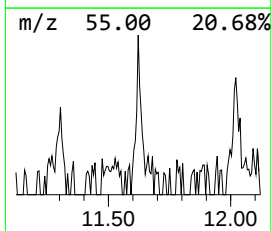
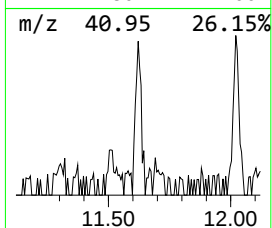
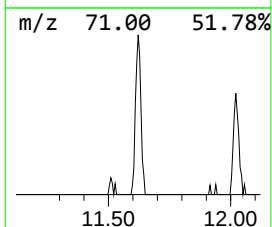
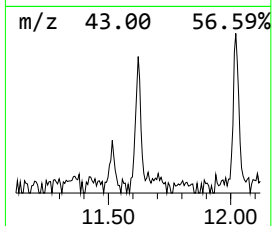
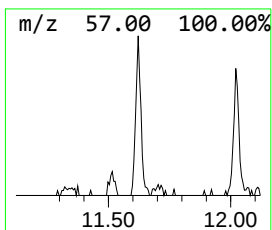
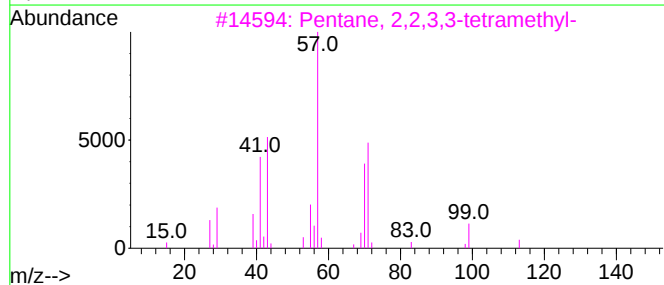
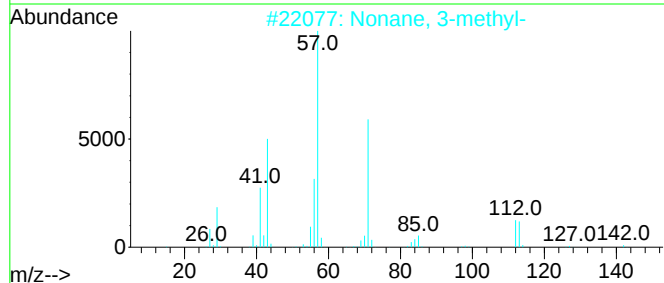
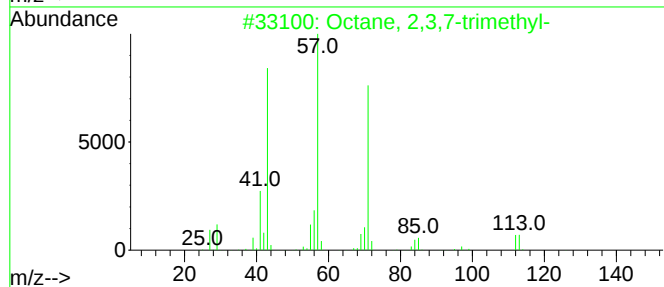
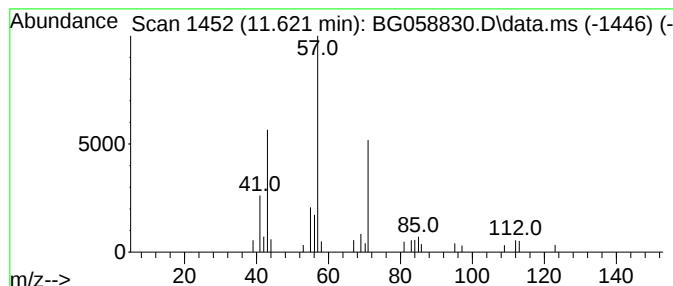
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane, 2,3,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	2.70 ng	25323	Naphthalene-d8	10.605

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50



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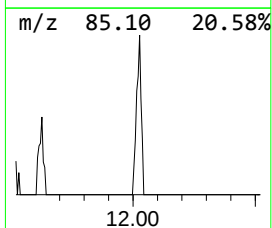
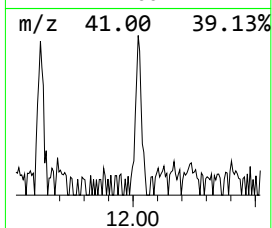
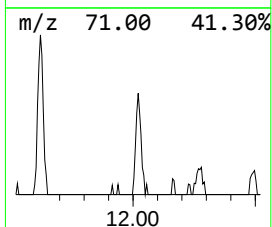
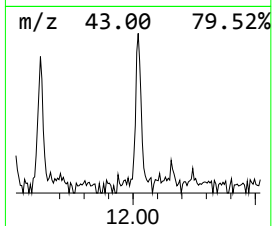
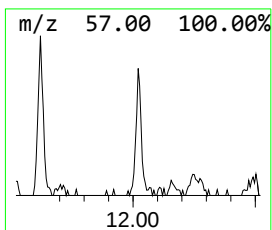
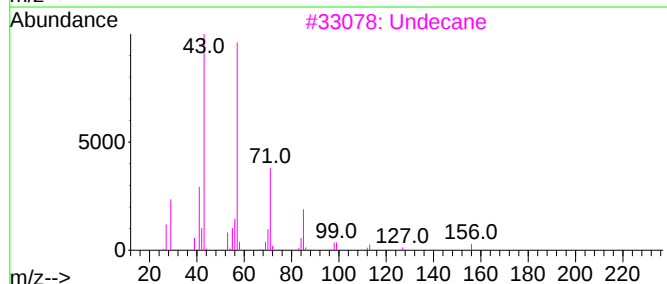
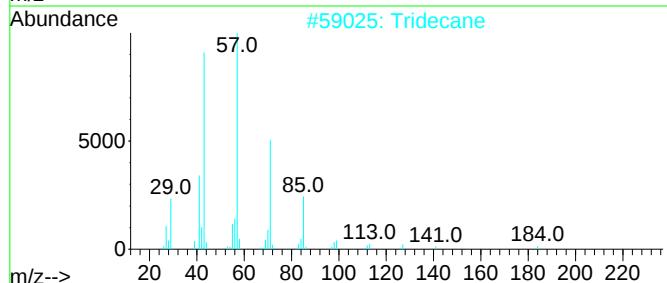
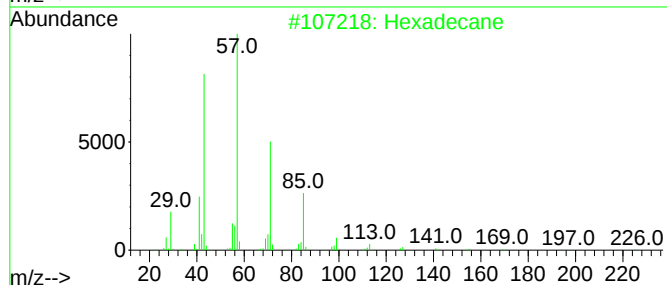
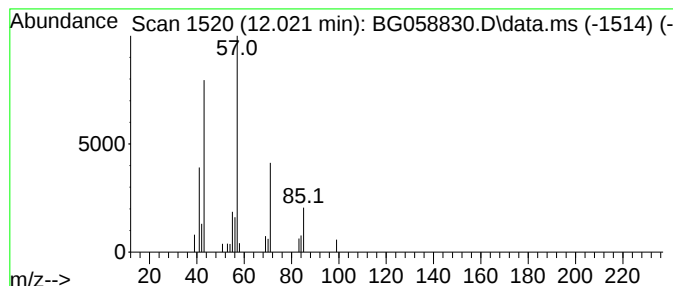
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	2.64 ng	24794	Naphthalene-d8	10.605

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	83
2			Tridecane	184	C13H28	000629-50-5	78
3			Undecane	156	C11H24	001120-21-4	64
4			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
5			Decane	142	C10H22	000124-18-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

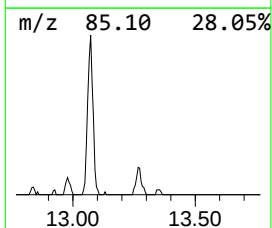
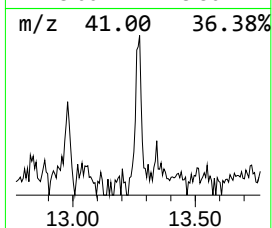
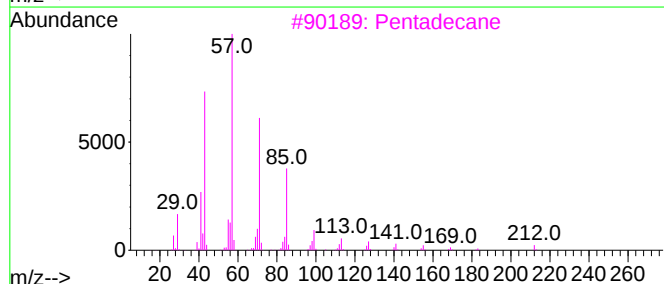
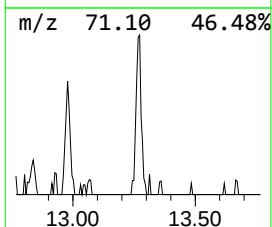
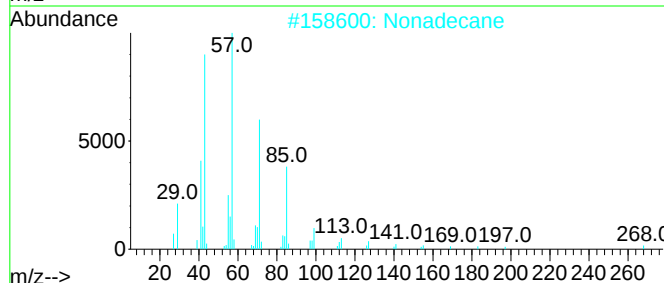
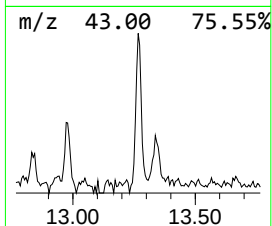
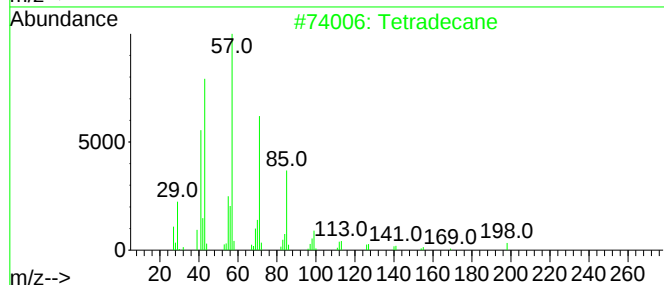
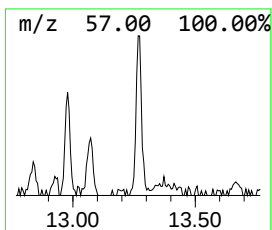
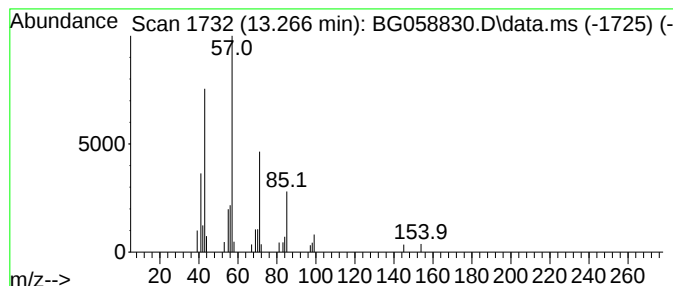
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.267	2.87 ng	41567	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Nonadecane	268	C19H40	000629-92-5	80
3			Pentadecane	212	C15H32	000629-62-9	72
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-26(1-2)

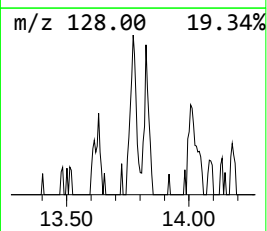
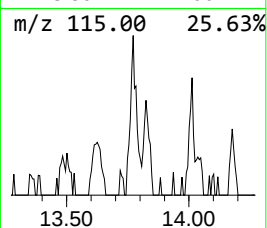
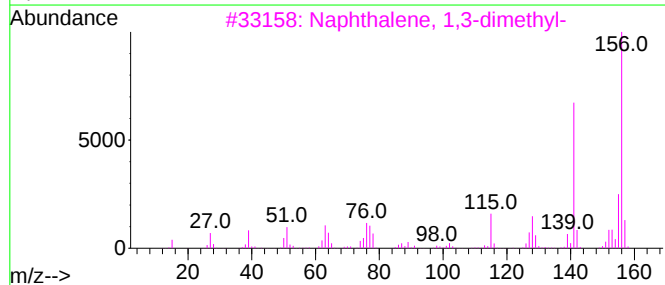
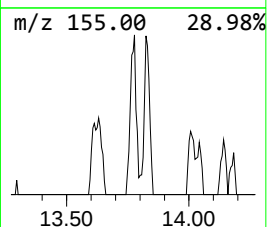
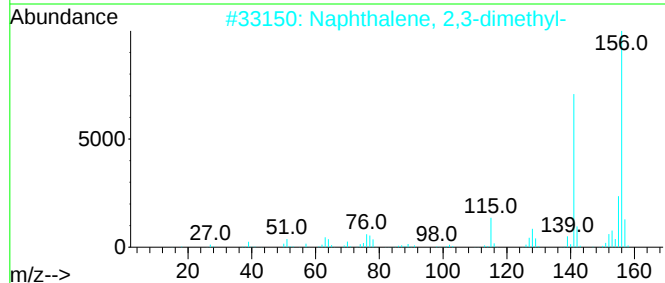
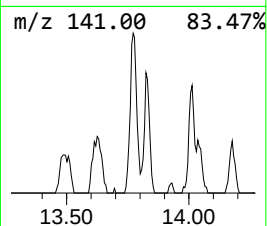
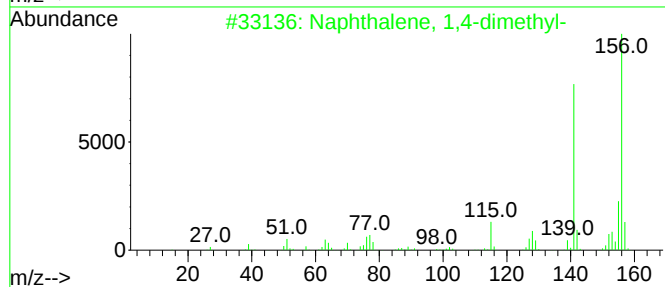
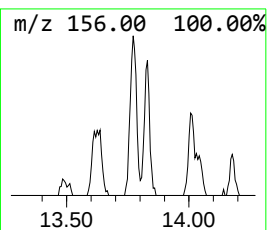
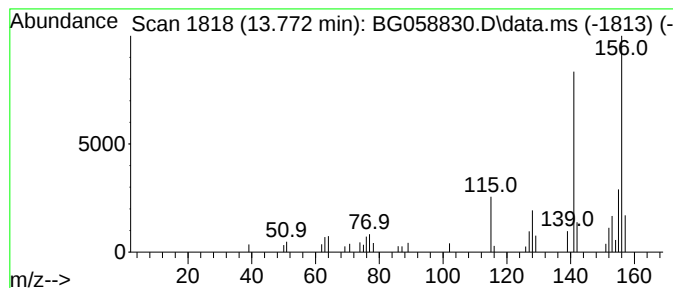
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.772	3.25 ng	47103	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-26(1-2)

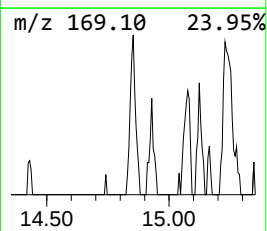
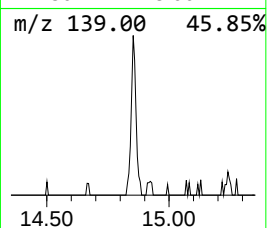
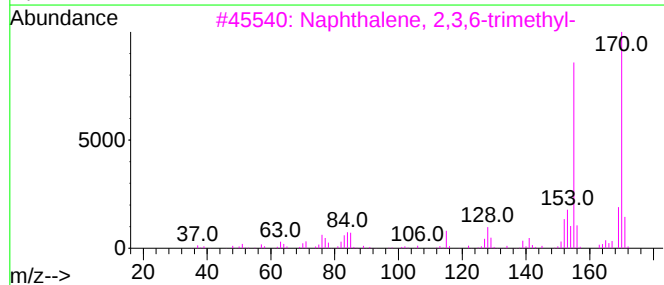
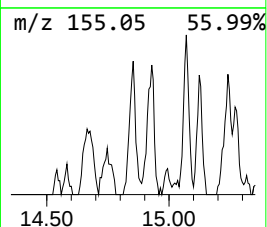
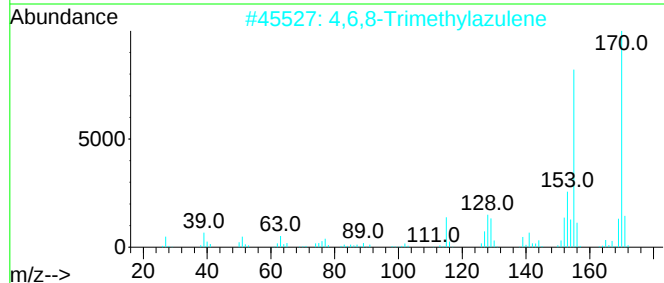
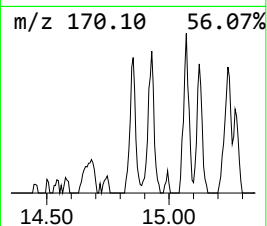
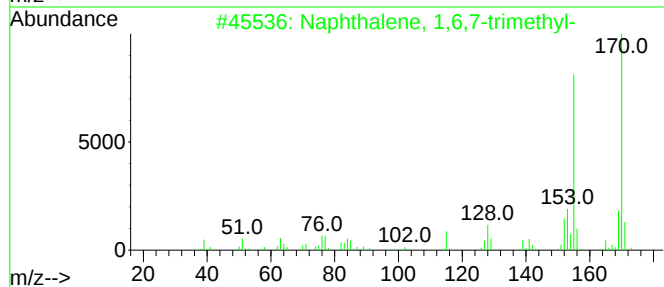
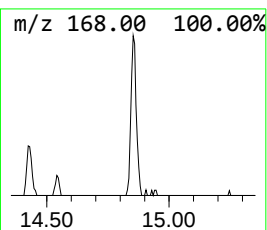
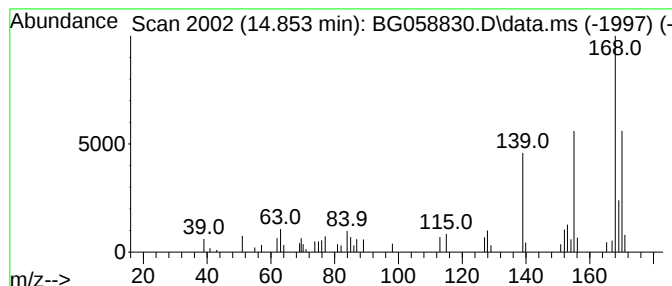
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	2.77 ng	40142	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
2			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	46
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-26(1-2)

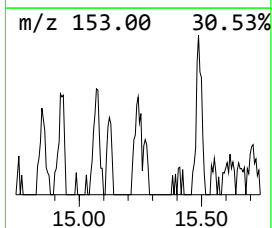
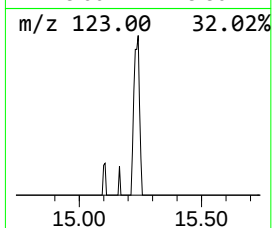
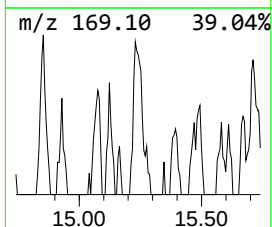
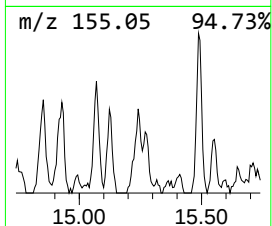
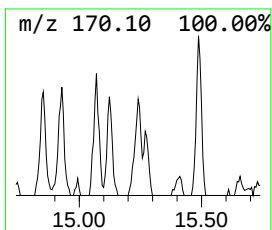
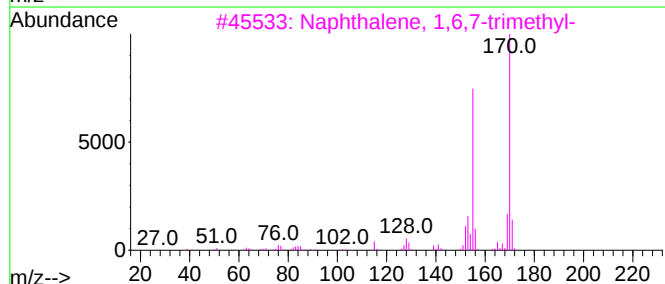
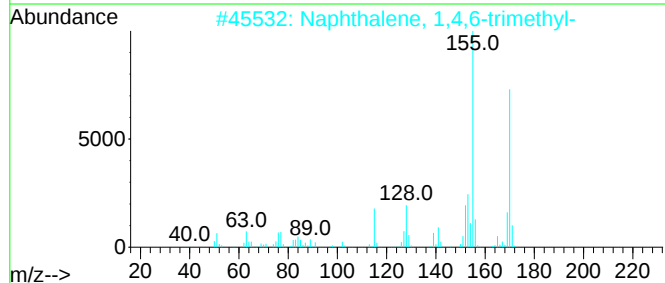
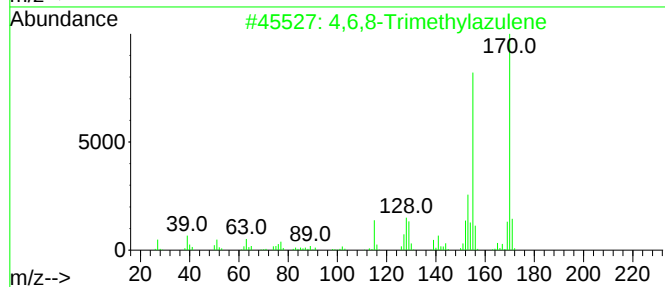
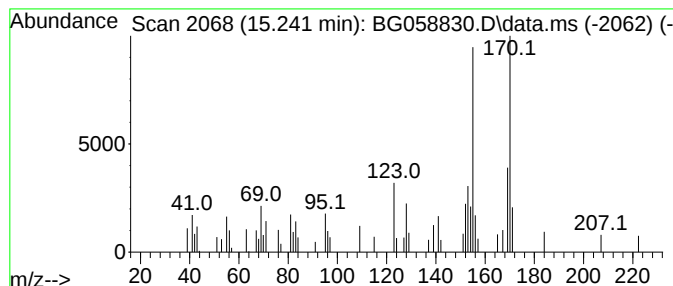
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4,6,8-Trimethylazulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.241	2.54 ng	36856	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-26(1-2)

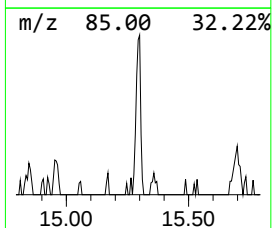
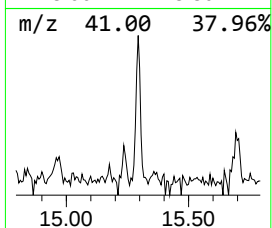
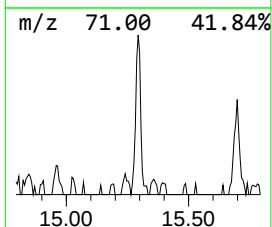
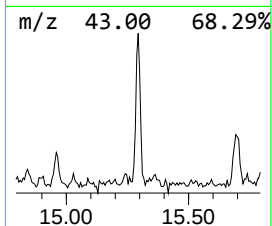
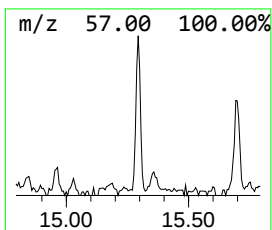
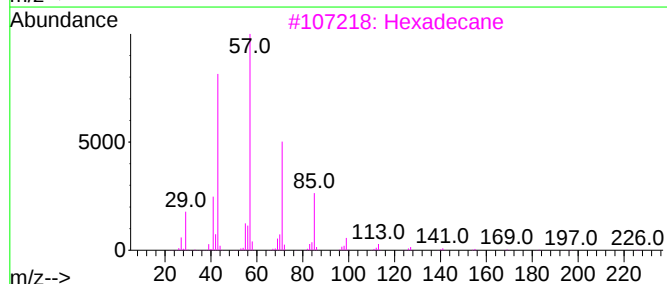
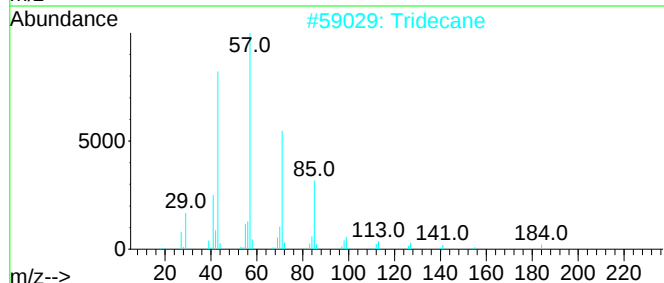
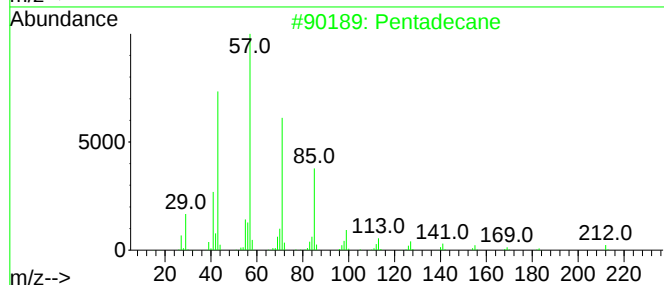
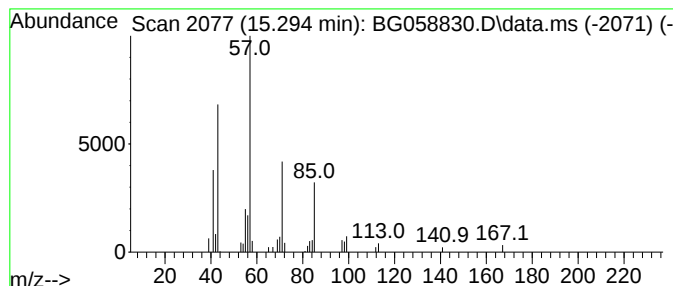
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	3.20 ng	46366	Acenaphthene-d10	14.453

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Tridecane	184	C13H28	000629-50-5	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Tetradecane	198	C14H30	000629-59-4	78
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-26(1-2)

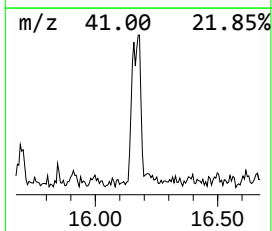
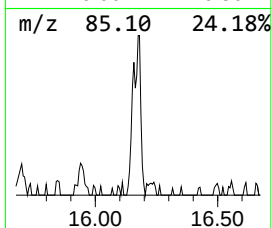
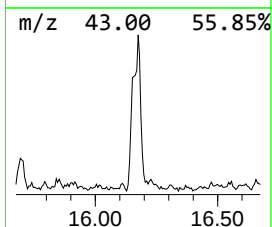
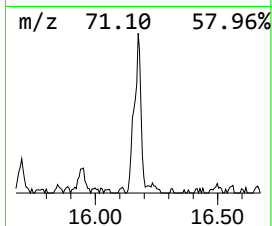
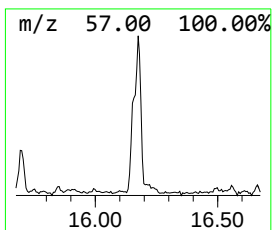
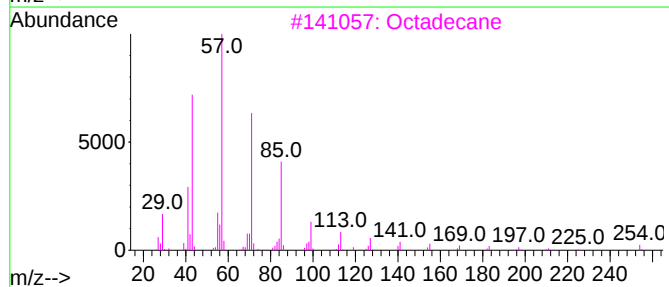
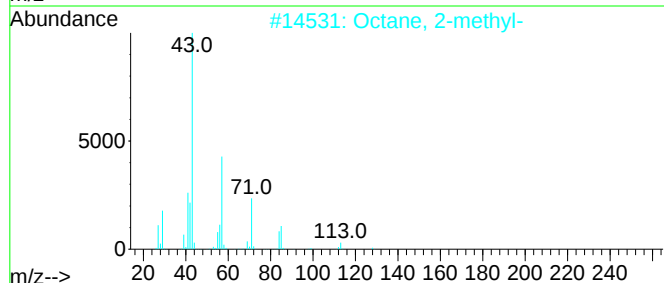
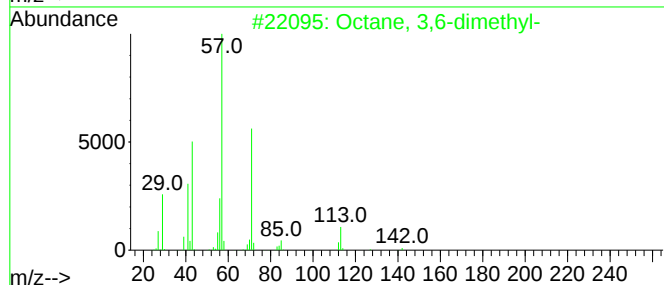
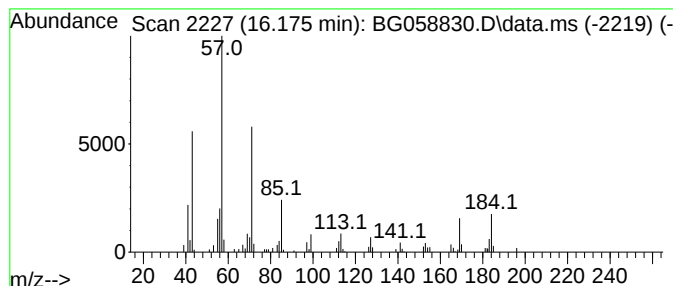
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	8.05 ng	141981	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
2			Octane, 2-methyl-	128	C9H20	003221-61-2	58
3			Octadecane	254	C18H38	000593-45-3	53
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

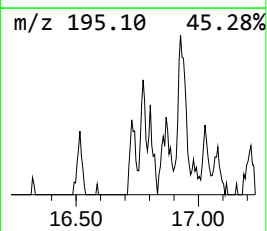
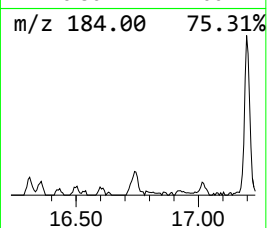
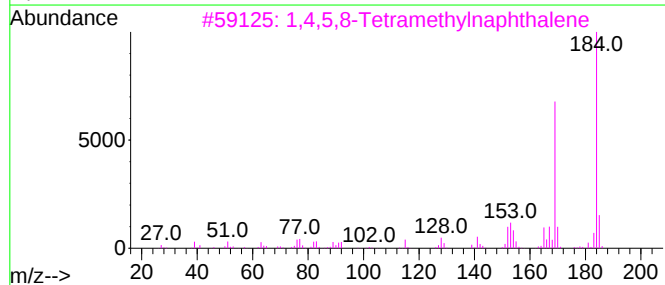
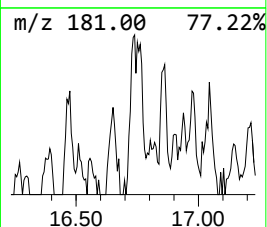
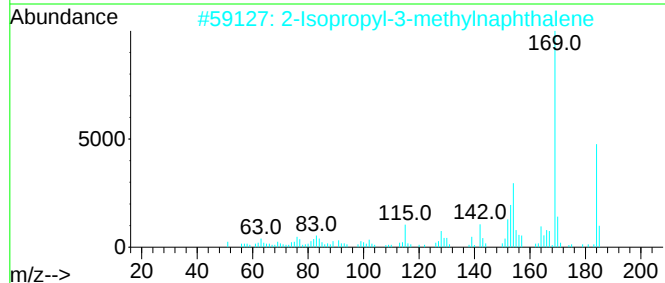
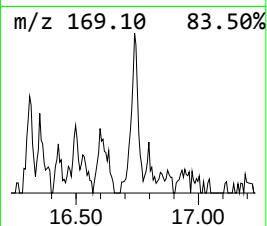
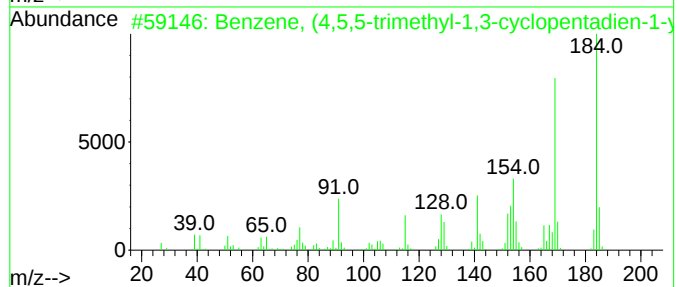
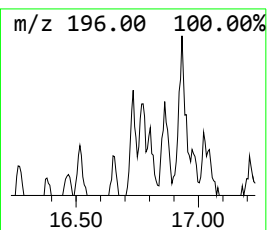
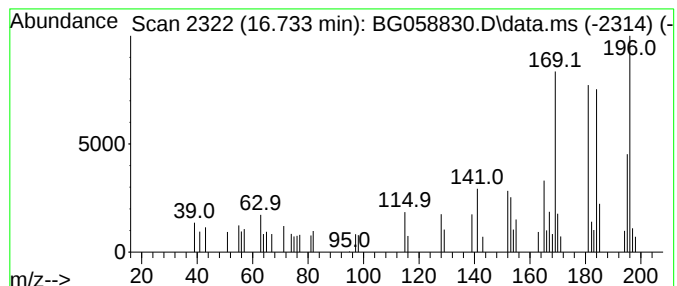
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.733 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.733	2.53 ng	44635	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	46
2			2-Isopropyl-3-methylnaphthalene	184	C14H16	1000383-71-2	41
3			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38
4			1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	38
5			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

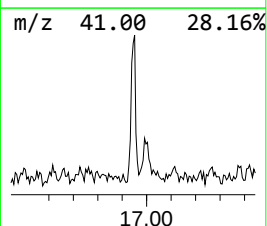
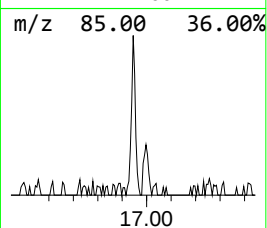
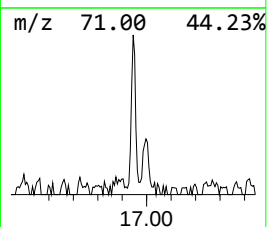
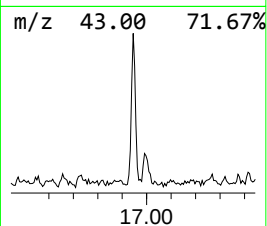
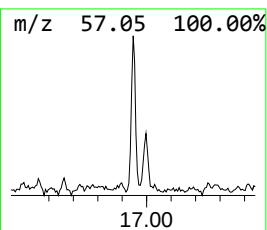
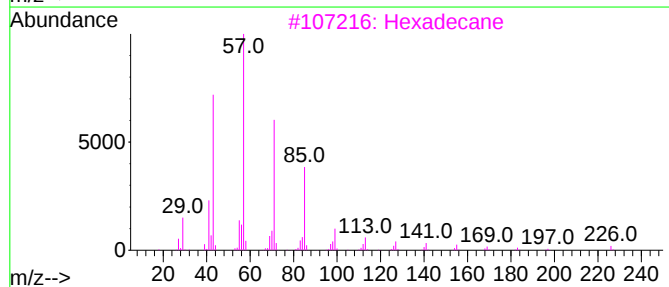
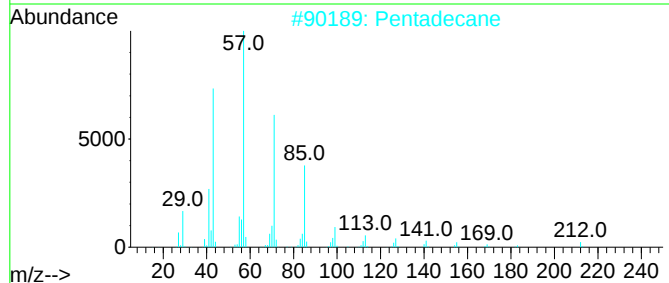
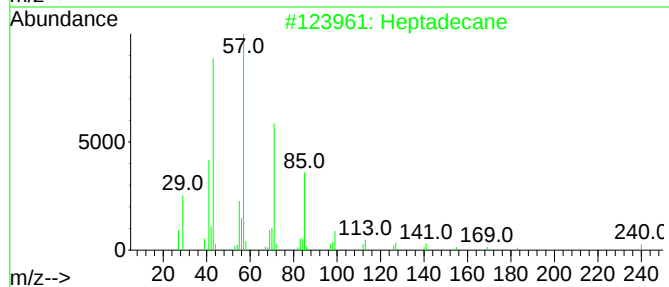
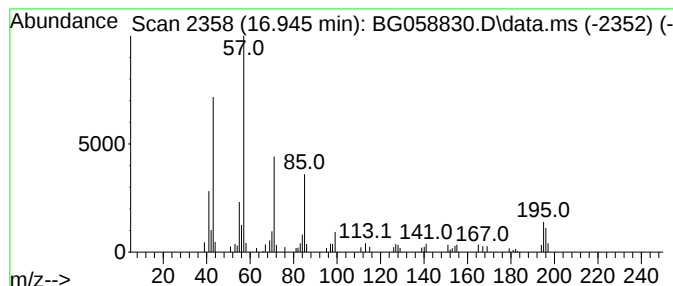
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	3.34 ng	58821	Phenanthrene-d10	17.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	64
2		Pentadecane	212	C15H32	000629-62-9	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Nonadecane	268	C19H40	000629-92-5	62
5		Heptacosane	380	C27H56	000593-49-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

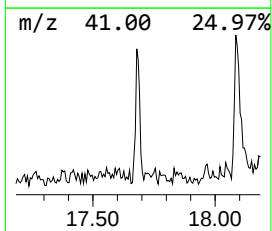
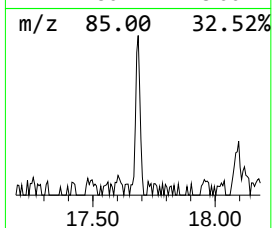
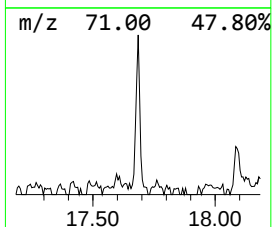
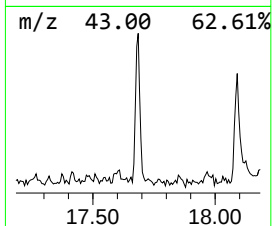
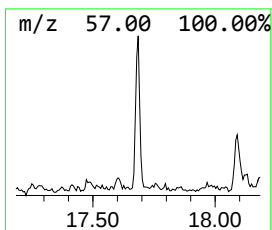
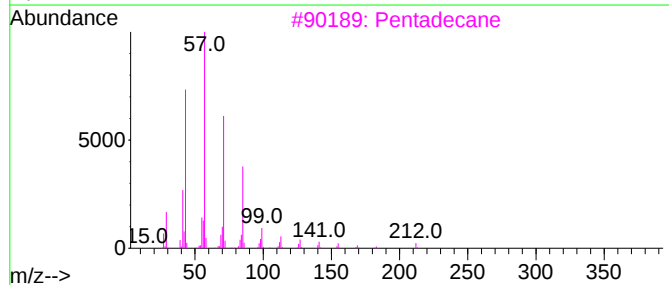
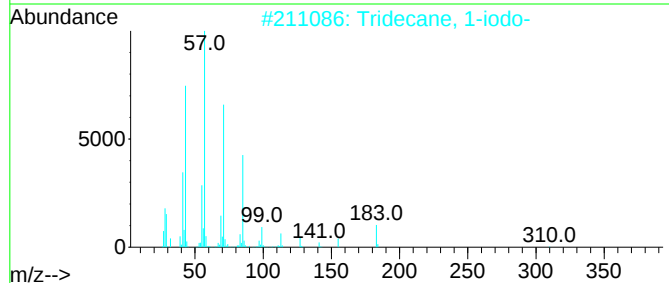
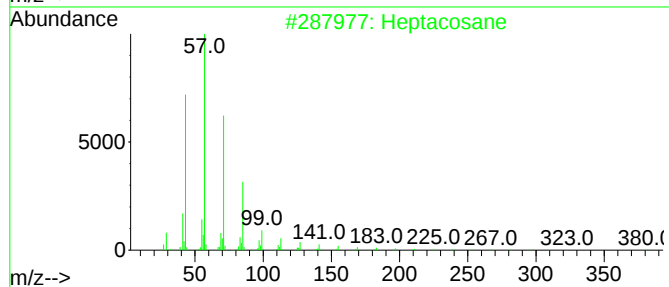
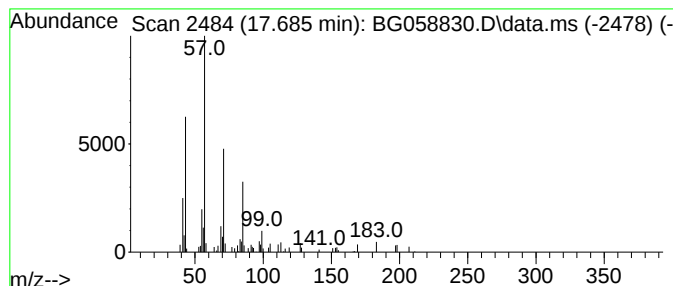
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.685	3.32 ng	58494	Phenanthrene-d10	17.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	86
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Pentadecane	212	C15H32	000629-62-9	80
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5		Tetradecane	198	C14H30	000629-59-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

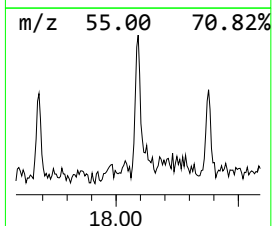
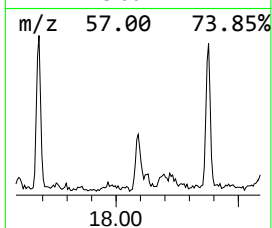
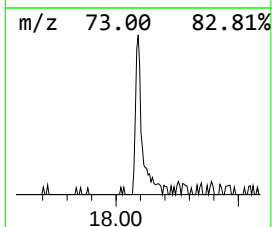
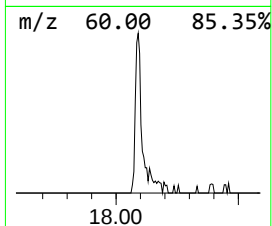
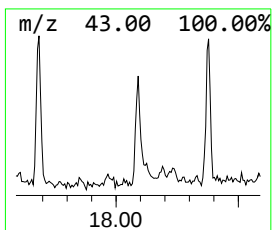
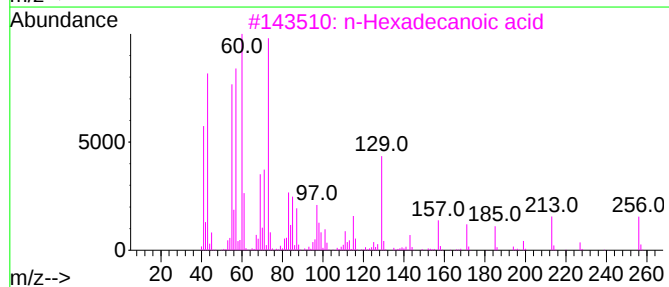
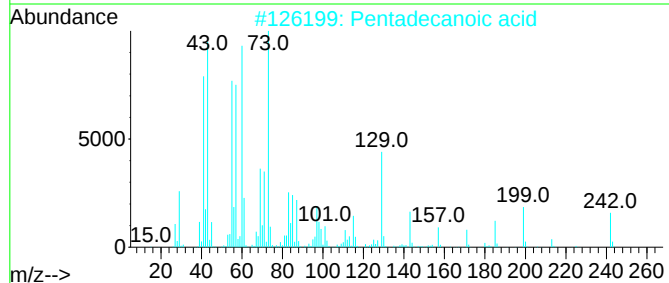
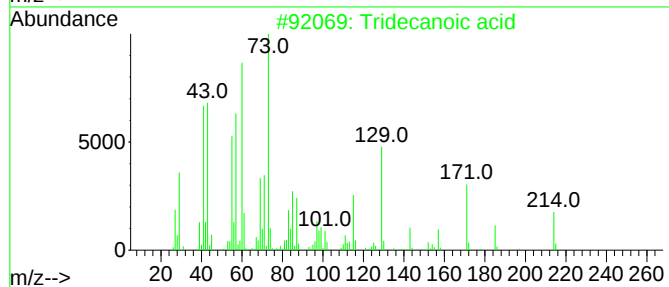
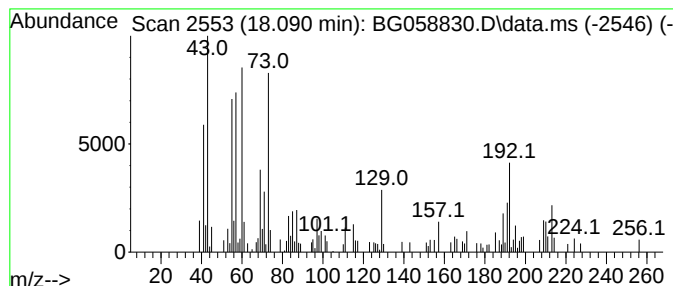
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.090	5.31 ng	93636	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4			n-Decanoic acid	172	C10H20O2	000334-48-5	46
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

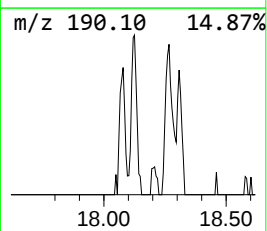
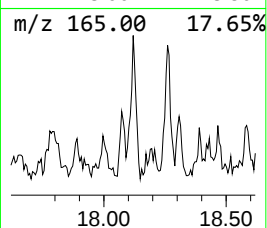
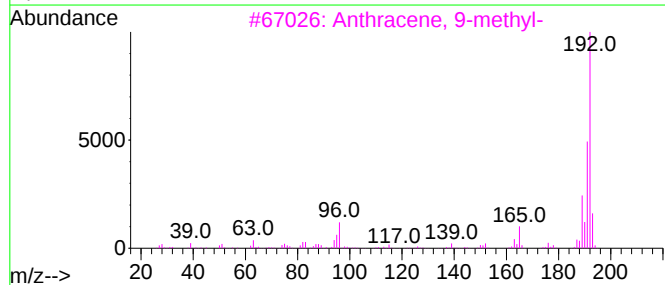
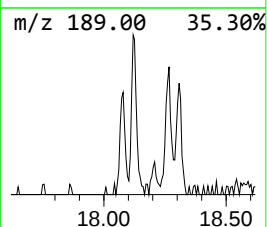
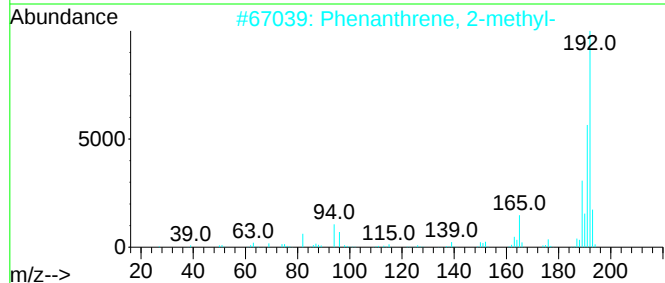
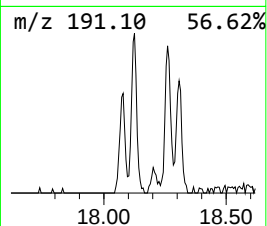
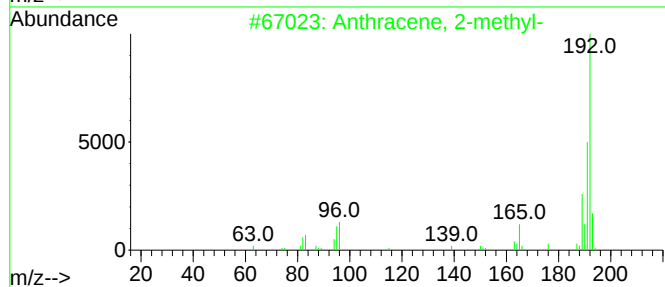
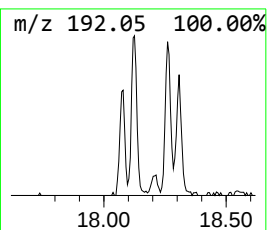
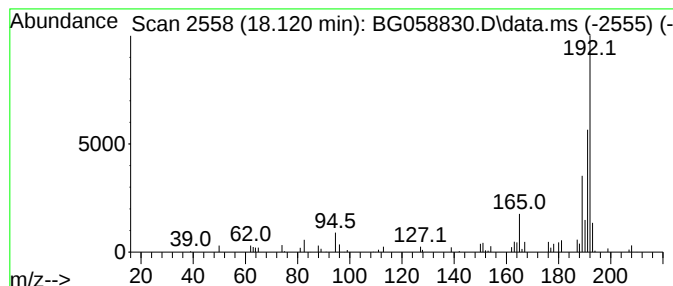
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	4.66 ng	82092	Phenanthrene-d10	17.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

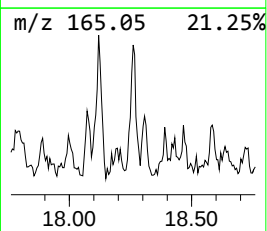
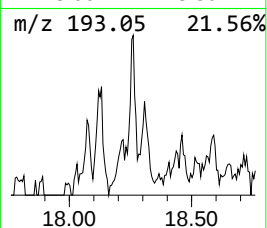
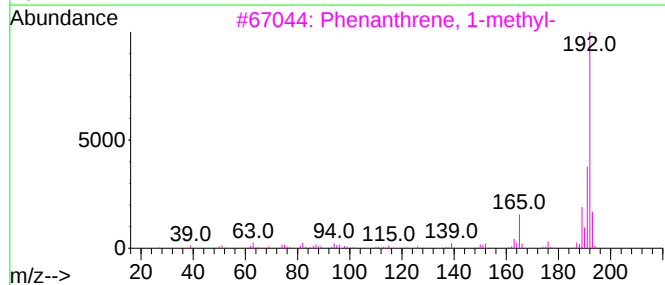
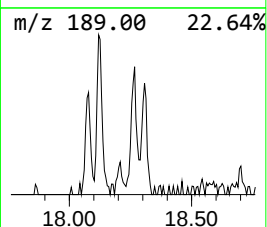
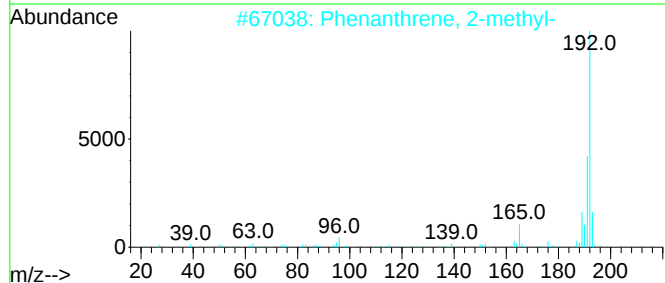
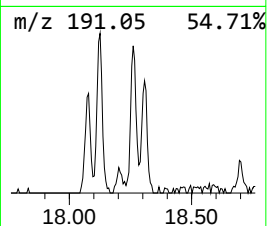
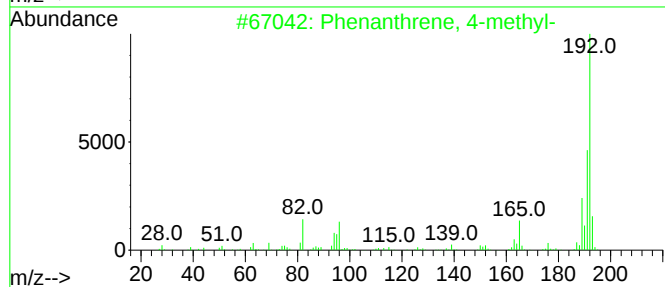
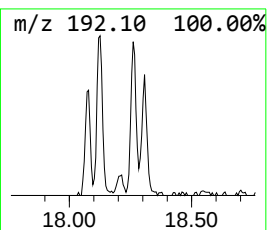
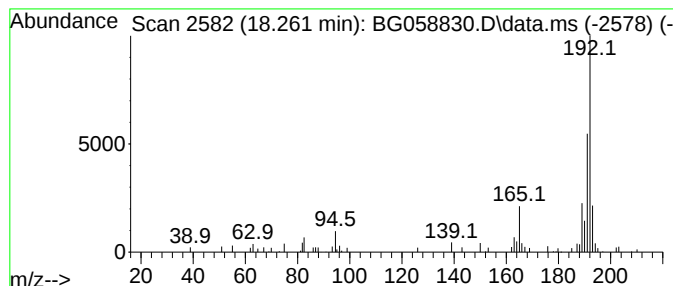
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.261	2.56 ng	45166	Phenanthrene-d10	17.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

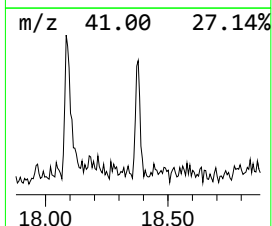
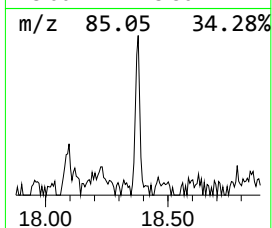
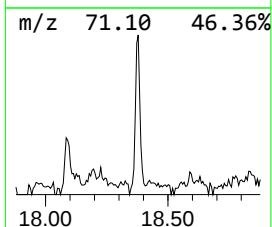
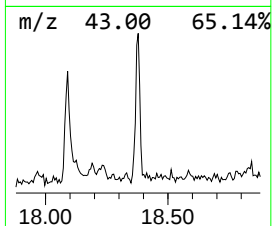
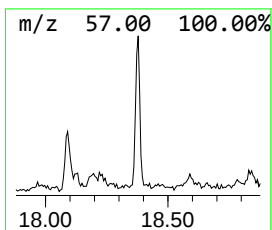
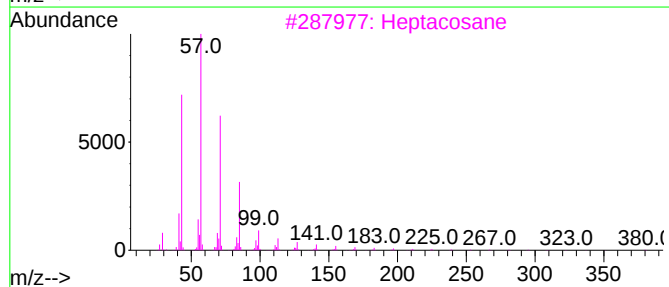
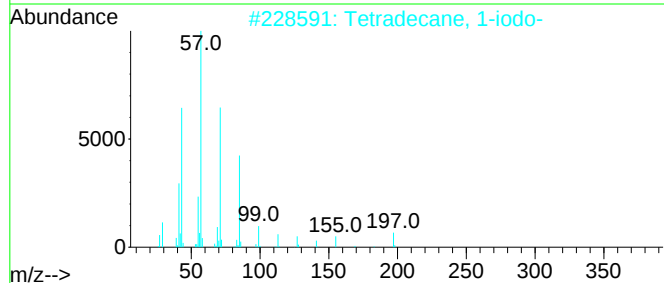
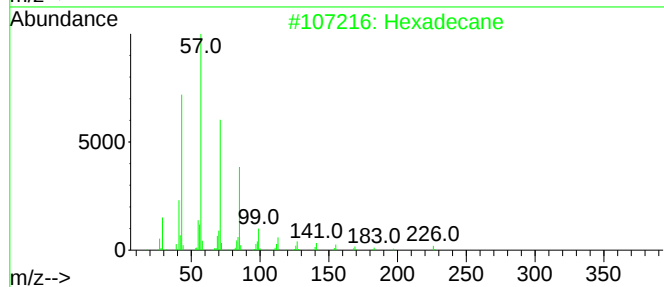
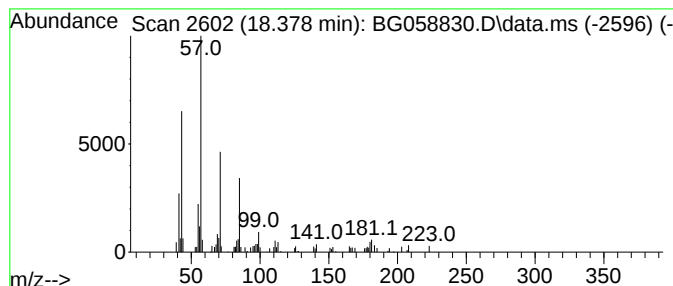
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.378	3.57 ng	62963	Phenanthrene-d10	17.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	80
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

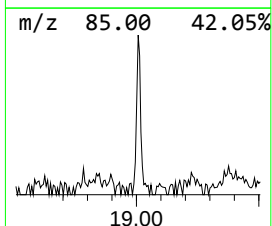
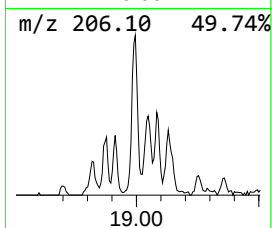
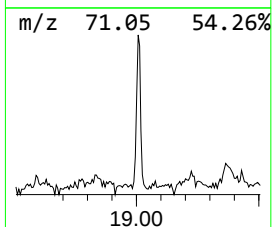
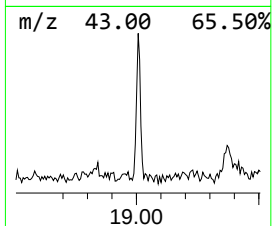
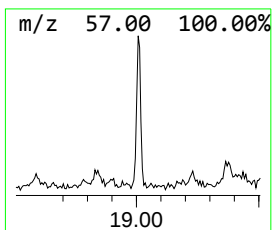
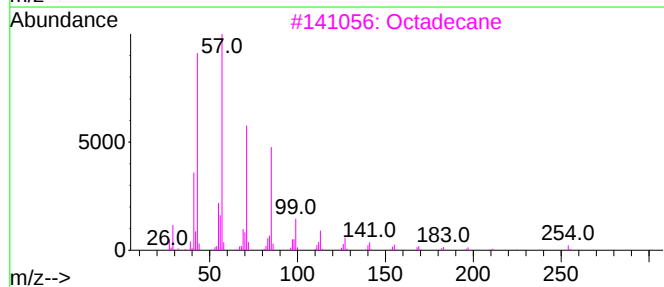
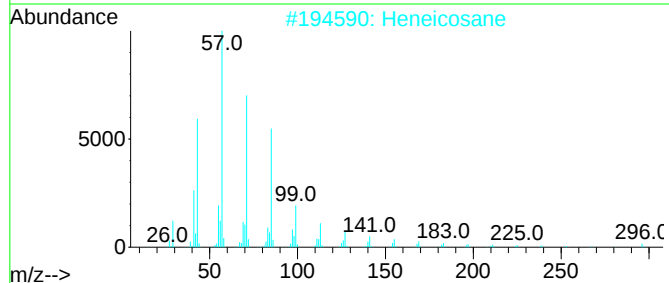
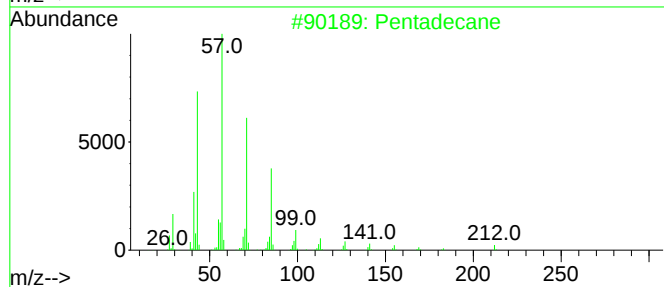
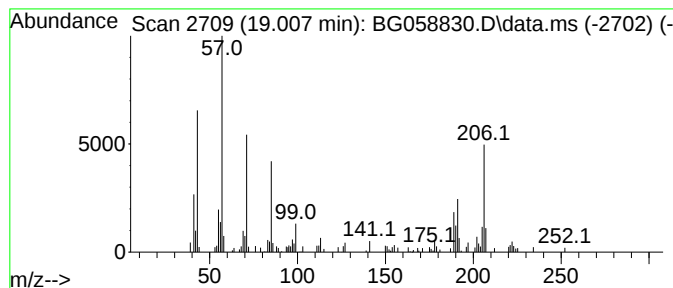
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown19.007 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.007	7.16 ng	126262	Phenanthrene-d10	17.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	56
2		Heneicosane	296	C21H44	000629-94-7	42
3		Octadecane	254	C18H38	000593-45-3	38
4		Eicosane	282	C20H42	000112-95-8	30
5		Heptadecane	240	C17H36	000629-78-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

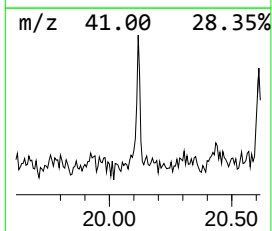
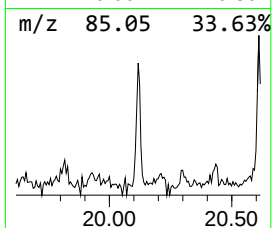
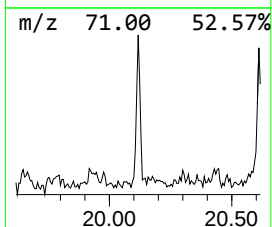
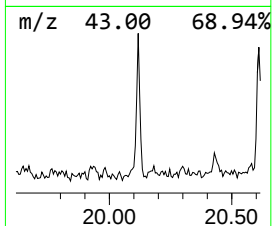
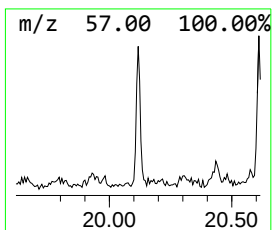
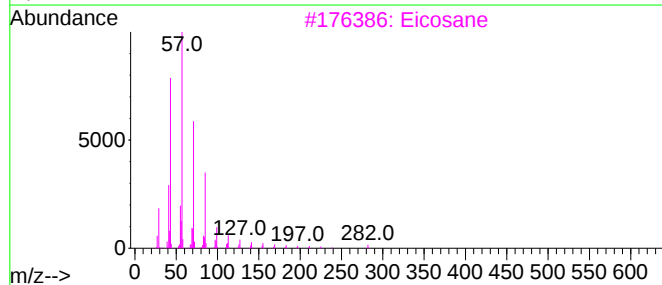
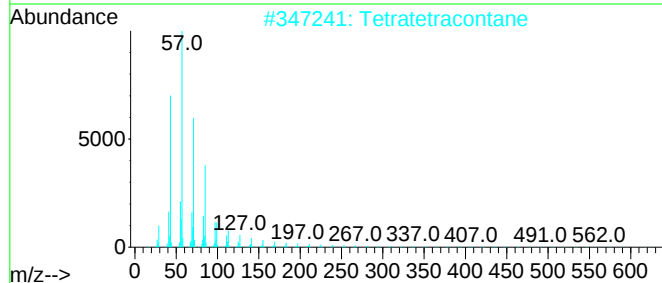
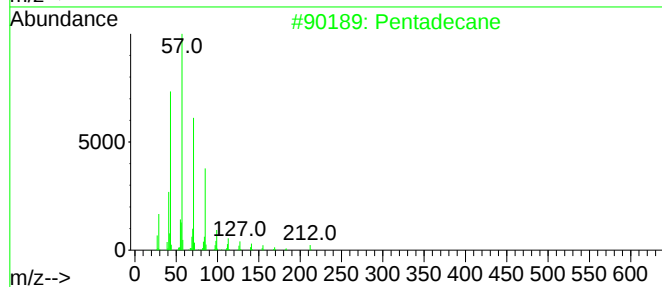
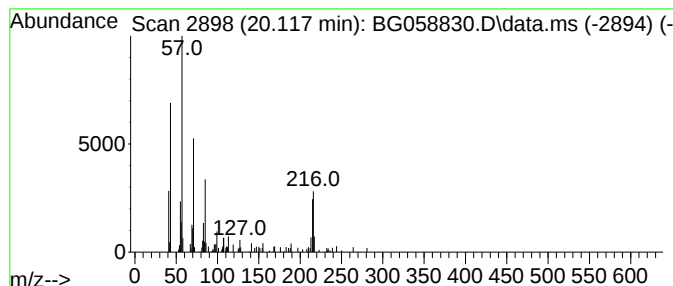
Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetratetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.117	3.18 ng	61039	Chrysene-d12	21.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Tetratetracontane	619	C44H90	007098-22-8	60
3	Eicosane	282	C20H42	000112-95-8	60
4	Octadecane	254	C18H38	000593-45-3	53
5	Tetracosane	338	C24H50	000646-31-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

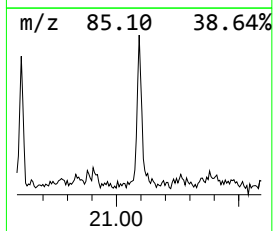
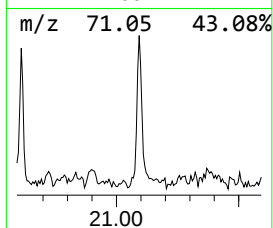
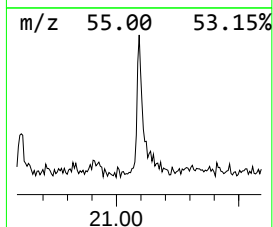
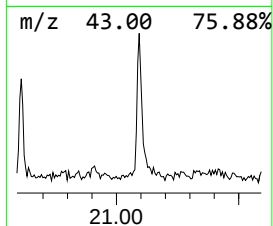
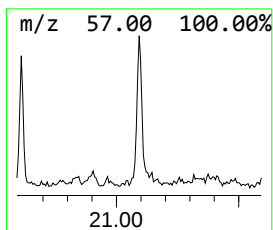
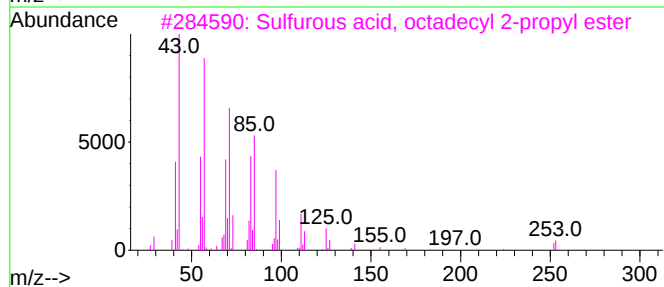
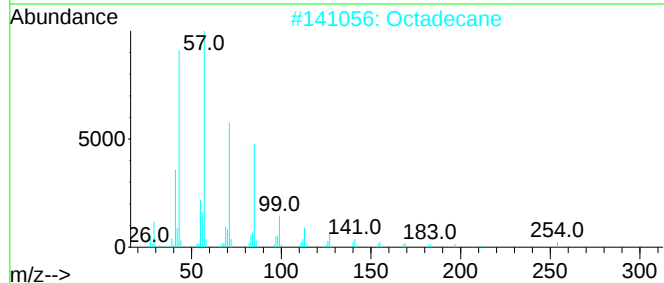
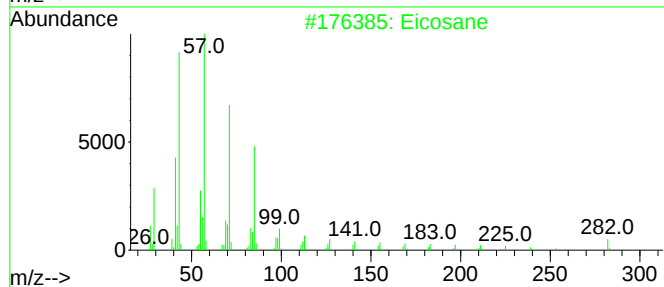
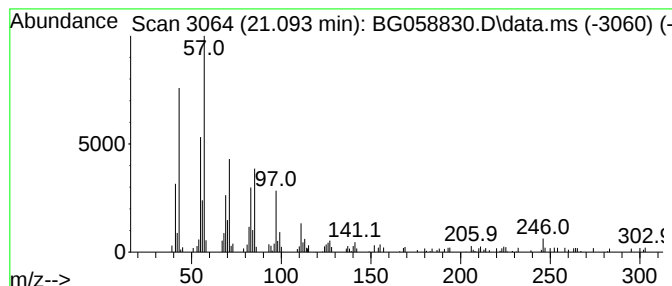
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.093	7.28 ng	139979	Chrysene-d12	21.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
4		Cyclohexadecane	224	C16H32	000295-65-8	74
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

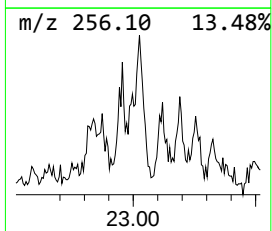
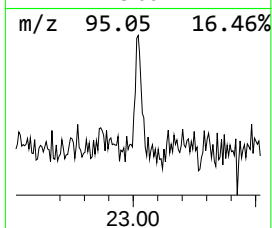
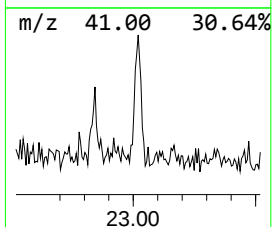
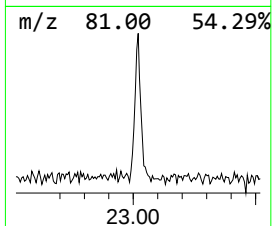
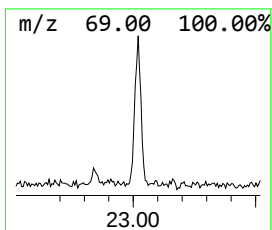
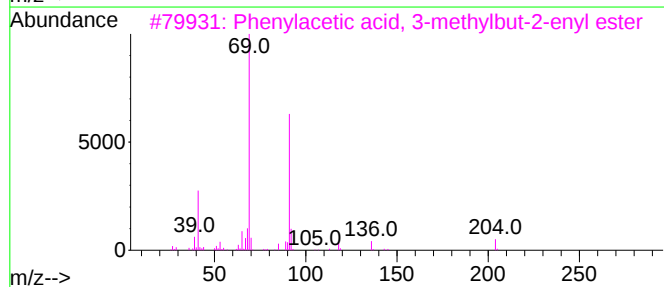
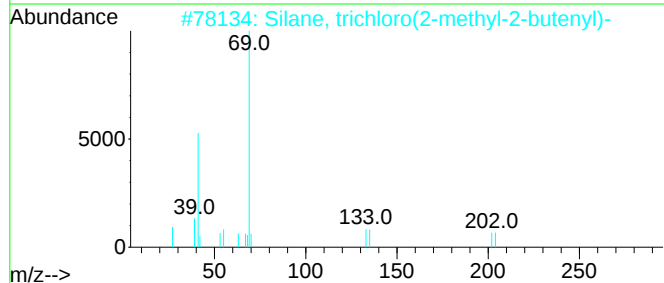
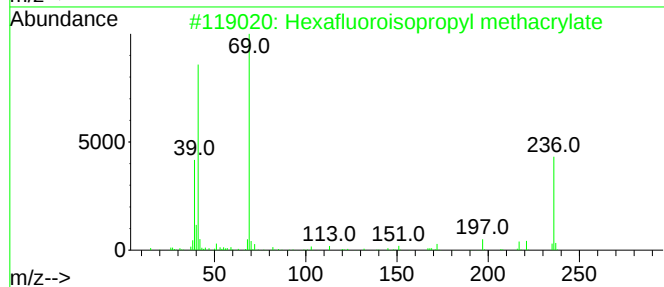
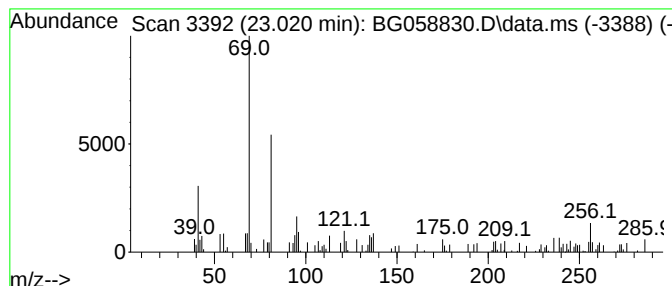
Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexafluoroisopropyl methacr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.020	2.76 ng	54900	Perylene-d12	24.512	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexafluoroisopropyl methacrylate	236	C7H6F6O2	003063-94-3	50
2	Silane, trichloro(2-methyl-2-but...	202	C5H9Cl3Si	018163-57-0	49
3	Phenylacetic acid, 3-methylbut-2...	204	C13H16O2	151091-17-7	47
4	Farnesol isomer a	222	C15H26O	1000108-92-4	38
5	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058830.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : 04110-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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
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Octane, 2,3,7-t...	11.621	2.7	ng	25323	2	10.605	187540	20.0
Hexadecane	12.021	2.6	ng	24794	2	10.605	187540	20.0
Tetradecane	13.267	2.9	ng	41567	3	14.453	289804	20.0
Naphthalene, 1,...	13.772	3.3	ng	47103	3	14.453	289804	20.0
Naphthalene, 1,...	14.853	2.8	ng	40142	3	14.453	289804	20.0
4,6,8-Trimethyl...	15.241	2.5	ng	36856	3	14.453	289804	20.0
Pentadecane	15.294	3.2	ng	46366	3	14.453	289804	20.0
Octane, 3,6-dim...	16.175	8.1	ng	141981	4	17.197	352595	20.0
unknown16.733	16.733	2.5	ng	44635	4	17.197	352595	20.0
Heptadecane	16.945	3.3	ng	58821	4	17.197	352595	20.0
Heptacosane	17.685	3.3	ng	58494	4	17.197	352595	20.0
Tridecanoic acid	18.090	5.3	ng	93636	4	17.197	352595	20.0
Anthracene, 2-m...	18.120	4.7	ng	82092	4	17.197	352595	20.0
Phenanthrene, 4...	18.261	2.6	ng	45166	4	17.197	352595	20.0
Tetradecane, 1-...	18.378	3.6	ng	62963	4	17.197	352595	20.0
unknown19.007	19.007	7.2	ng	126262	4	17.197	352595	20.0
Tetratetracontane	20.117	3.2	ng	61039	5	21.439	384355	20.0
Eicosane	21.093	7.3	ng	139979	5	21.439	384355	20.0
Hexafluoroisopr...	23.020	2.8	ng	54900	6	24.512	398514	20.0