

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061030.D
 Acq On : 24 Apr 2024 19:38
 Operator : MA/JU
 Sample : P2247-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-04232024

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-BG042024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061030.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.538	428	434	443	rBV2	63064	108652	10.27%	1.083%
2	7.113	695	702	710	rBV	70923	120308	11.38%	1.200%
3	7.577	776	781	788	rBV4	9979	16986	1.61%	0.169%
4	7.947	836	844	852	rBV	105397	181703	17.18%	1.812%
5	9.052	1023	1032	1034	rBV6	7638	13226	1.25%	0.132%
6	9.099	1034	1040	1045	rVV	46780	84685	8.01%	0.844%
7	9.175	1047	1053	1059	rVB	34132	54658	5.17%	0.545%
8	9.669	1134	1137	1142	rVB4	8421	11861	1.12%	0.118%
9	10.098	1205	1210	1214	rBV5	12221	21237	2.01%	0.212%
10	10.145	1214	1218	1220	rBV4	7982	12127	1.15%	0.121%
11	10.209	1227	1229	1234	rVB4	8228	10876	1.03%	0.108%
12	10.274	1234	1240	1245	rBV4	9145	19259	1.82%	0.192%
13	10.374	1254	1257	1263	rVB5	13208	17533	1.66%	0.175%
14	10.450	1263	1270	1274	rBV4	6938	11362	1.07%	0.113%
15	10.732	1310	1318	1326	rBV2	153134	361366	34.17%	3.603%
16	10.909	1344	1348	1353	rVB2	23904	34112	3.23%	0.340%
17	10.961	1353	1357	1364	rBV9	6801	13803	1.31%	0.138%
18	11.155	1380	1390	1394	rBV8	9245	22131	2.09%	0.221%
19	11.208	1394	1399	1403	rBV6	9348	17213	1.63%	0.172%
20	11.320	1412	1418	1422	rBV6	8275	14892	1.41%	0.148%
21	11.408	1429	1433	1435	rBV4	8082	11595	1.10%	0.116%
22	11.455	1436	1441	1448	rVV7	17953	40156	3.80%	0.400%
23	11.514	1448	1451	1458	rVB5	11852	21771	2.06%	0.217%
24	11.584	1458	1463	1469	rBV5	22086	40589	3.84%	0.405%
25	11.667	1469	1477	1483	rBV5	27424	57147	5.40%	0.570%
26	11.772	1490	1495	1504	rBV3	33936	71120	6.73%	0.709%
27	11.855	1505	1509	1513	rVB7	12125	17984	1.70%	0.179%
28	11.931	1513	1522	1530	rBV3	36669	75455	7.14%	0.752%
29	12.166	1557	1562	1572	rBV	122371	192549	18.21%	1.920%
30	12.289	1579	1583	1588	rVB6	19408	35177	3.33%	0.351%
31	12.389	1588	1600	1608	rVB6	21751	68008	6.43%	0.678%
32	12.612	1633	1638	1639	rBV5	9656	13176	1.25%	0.131%
33	12.654	1640	1645	1649	rVV2	45317	71821	6.79%	0.716%
34	12.701	1649	1653	1655	rVV5	9726	12153	1.15%	0.121%
35	12.800	1662	1670	1673	rBV9	24163	41656	3.94%	0.415%
36	12.836	1673	1676	1684	rVV7	17798	41673	3.94%	0.415%

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37	12.912	1684	1689	1693	rVV5	25474	46596	4.41%	0.465%
38	12.977	1697	1700	1706	rVB3	25154	42202	3.99%	0.421%
39	13.065	1711	1715	1721	rBV5	33162	61871	5.85%	0.617%
40	13.124	1721	1725	1729	rVV3	60729	89509	8.46%	0.892%
41	13.194	1731	1737	1748	rVV	142768	235563	22.28%	2.349%
42	13.282	1748	1752	1758	rVB8	15361	22944	2.17%	0.229%
43	13.406	1767	1773	1781	rBV	192779	289166	27.34%	2.883%
44	13.523	1786	1793	1798	rVV4	35844	88478	8.37%	0.882%
45	13.570	1798	1801	1805	rVB5	23165	34686	3.28%	0.346%
46	13.735	1823	1829	1837	rBV5	21925	57271	5.42%	0.571%
47	13.852	1845	1849	1852	rBV5	21672	38056	3.60%	0.379%
48	13.940	1860	1864	1868	rBV6	24817	39708	3.75%	0.396%
49	14.040	1877	1881	1883	rBV4	35254	51412	4.86%	0.513%
50	14.070	1883	1886	1889	rVV2	57761	82715	7.82%	0.825%
51	14.105	1889	1892	1898	rVB5	41721	58074	5.49%	0.579%
52	14.275	1918	1921	1926	rBV7	10970	23883	2.26%	0.238%
53	14.416	1943	1945	1950	rVB6	18522	25280	2.39%	0.252%
54	14.481	1951	1956	1961	rBV	230007	294234	27.82%	2.934%
55	14.575	1964	1972	1978	rVV	210139	358013	33.85%	3.570%
56	14.927	2027	2032	2033	rBV5	22445	29019	2.74%	0.289%
57	14.945	2033	2035	2038	rVV4	26892	31651	2.99%	0.316%
58	14.980	2038	2041	2048	rVB5	32113	48207	4.56%	0.481%
59	15.045	2048	2052	2055	rBV4	20210	30145	2.85%	0.301%
60	15.104	2058	2062	2070	rVB3	47167	91288	8.63%	0.910%
61	15.174	2070	2074	2076	rBV2	22163	30939	2.93%	0.308%
62	15.433	2114	2118	2123	rVB	240364	287196	27.16%	2.863%
63	15.533	2133	2135	2141	rVB7	20372	27767	2.63%	0.277%
64	15.621	2146	2150	2152	rBV5	14566	19858	1.88%	0.198%
65	15.844	2181	2188	2192	rBV	74120	129399	12.24%	1.290%
66	15.932	2200	2203	2208	rVB4	23916	36541	3.46%	0.364%
67	15.991	2210	2213	2219	rVV3	28928	47115	4.46%	0.470%
68	16.061	2220	2225	2230	rVB3	86652	137855	13.04%	1.374%
69	16.296	2260	2265	2268	rBV	248396	331776	31.37%	3.308%
70	16.643	2320	2324	2326	rBV3	19877	28210	2.67%	0.281%
71	16.755	2341	2343	2347	rBV4	15516	15880	1.50%	0.158%
72	16.808	2349	2352	2354	rVB2	13083	13396	1.27%	0.134%
73	17.090	2395	2400	2404	rBV	217542	265669	25.12%	2.649%
74	17.142	2405	2409	2418	rVB	81185	144873	13.70%	1.444%
75	17.325	2434	2440	2444	rBV	246154	389693	36.85%	3.885%
76	17.360	2444	2446	2451	rVB	46588	63469	6.00%	0.633%

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77	17.565	2478	2481	2487	rVB4	26941	34396	3.25%	0.343%
78	17.683	2499	2501	2505	rBV5	12233	17258	1.63%	0.172%
79	17.830	2522	2526	2531	rBV	203890	242254	22.91%	2.415%
80	18.000	2551	2555	2560	rVB	155777	195334	18.47%	1.948%
81	18.224	2590	2593	2596	rBV5	27970	37683	3.56%	0.376%
82	18.523	2640	2644	2649	rBV	172523	212819	20.12%	2.122%
83	19.140	2744	2749	2752	rBV2	814105	1057515	100.00%	10.544%
84	19.169	2752	2754	2764	rVB2	494135	664968	62.88%	6.630%
85	19.305	2774	2777	2782	rVB	95470	106448	10.07%	1.061%
86	19.375	2786	2789	2794	rVB	149304	195611	18.50%	1.950%
87	19.734	2846	2850	2861	rVB2	195650	297493	28.13%	2.966%
88	19.939	2881	2885	2889	rVB	240971	290925	27.51%	2.901%
89	20.262	2937	2940	2944	rVB	86730	90884	8.59%	0.906%
90	20.756	3022	3024	3031	rVB	73871	77875	7.36%	0.776%
91	21.584	3160	3165	3170	rBV	257915	408593	38.64%	4.074%

Sum of corrected areas: 10029683

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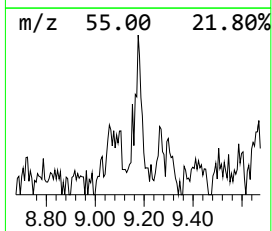
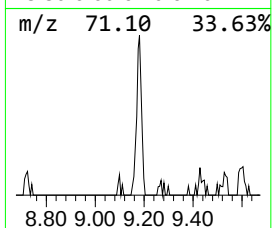
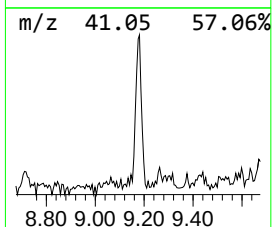
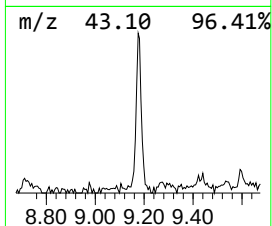
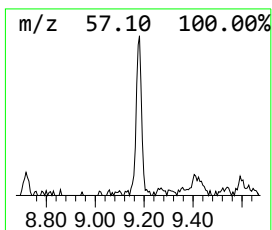
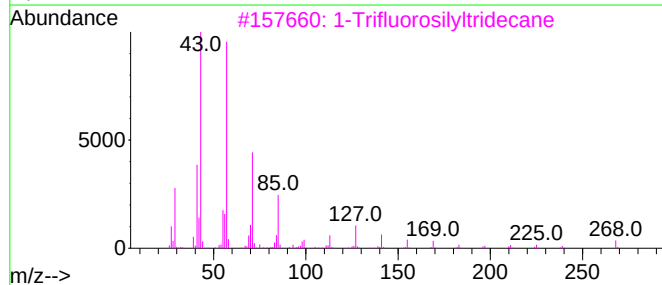
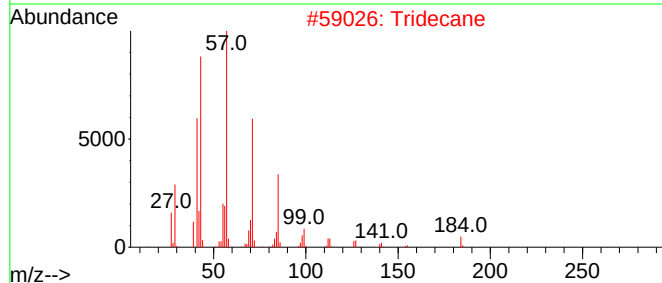
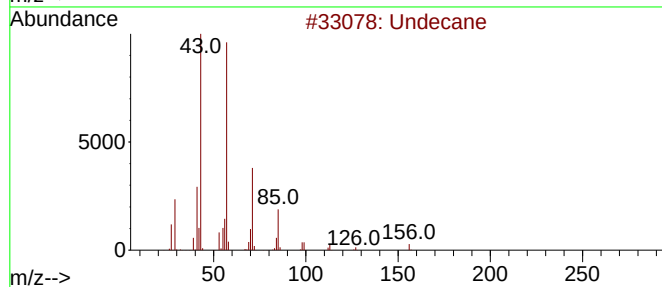
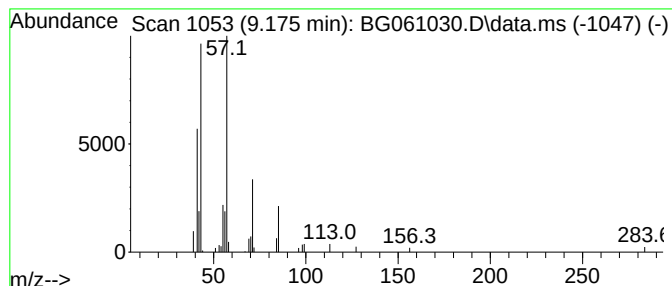
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	6.02 ng	54658	1,4-Dichlorobenzene-d4	7.947

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	80
2	Tridecane			184	C13H28	000629-50-5	78
3	1-Trifluorosilyltridecane			268	C13H27F3Si	1010217-08-2	78
4	Pentadecane			212	C15H32	000629-62-9	78
5	Hexadecane, 1-chloro-			260	C16H33Cl	004860-03-1	78



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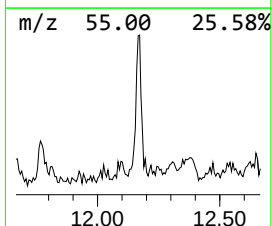
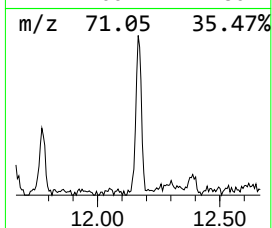
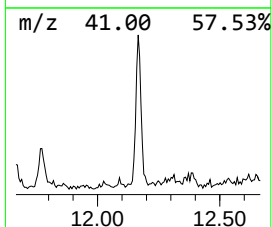
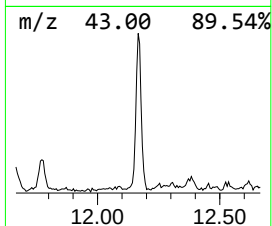
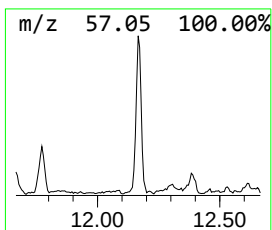
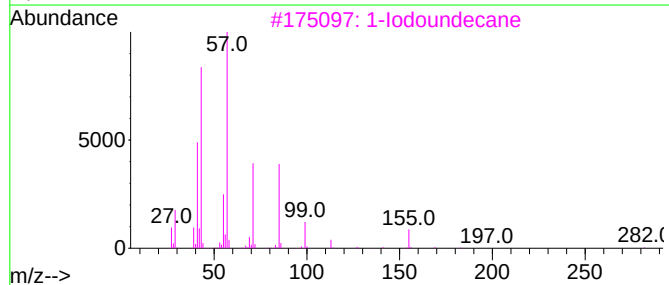
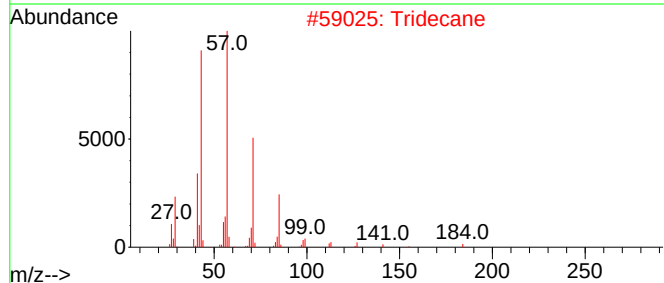
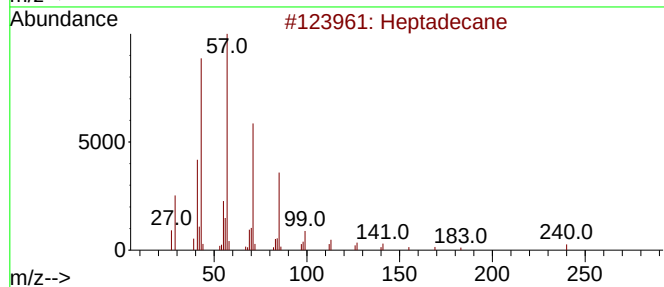
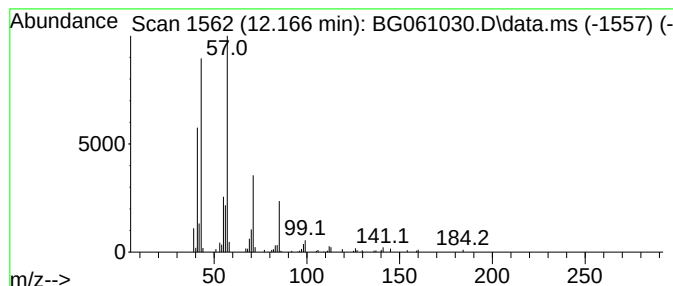
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.166	10.66 ng	192549	Naphthalene-d8	10.744

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	72
2		Tridecane	184	C13H28	000629-50-5	68
3		1-Iodoundecane	282	C11H23I	004282-44-4	59
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



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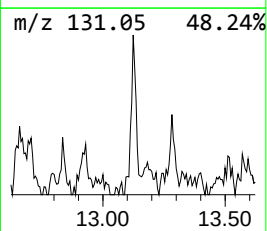
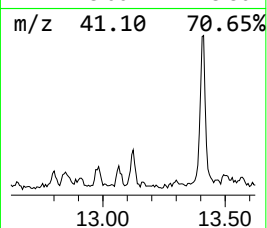
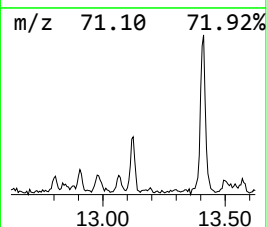
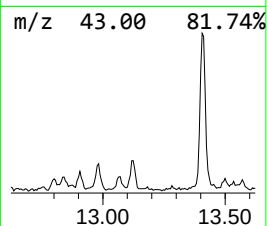
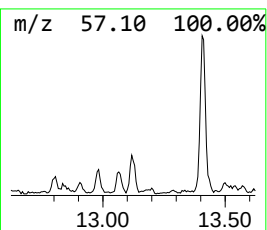
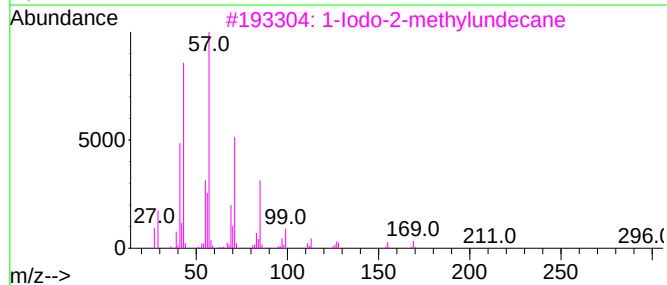
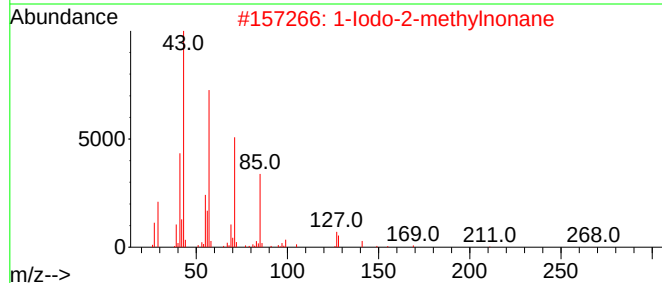
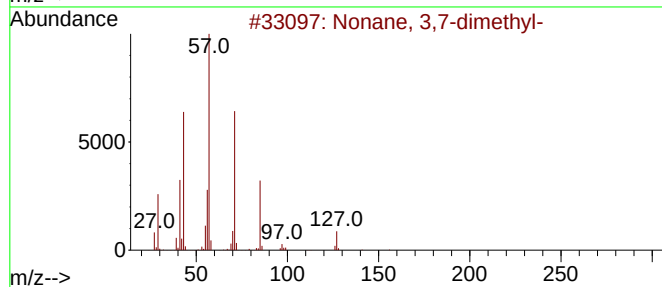
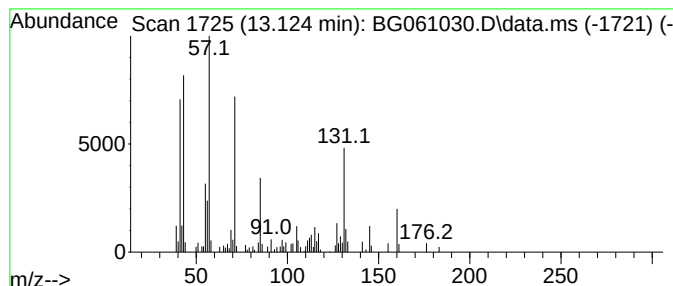
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown13.124 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.124	5.00 ng	89509	Acenaphthene-d10	14.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	38
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
5			Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	38



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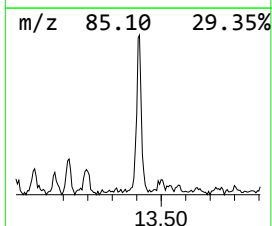
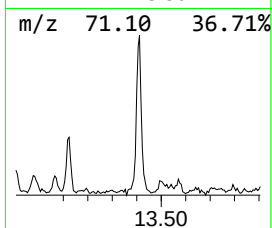
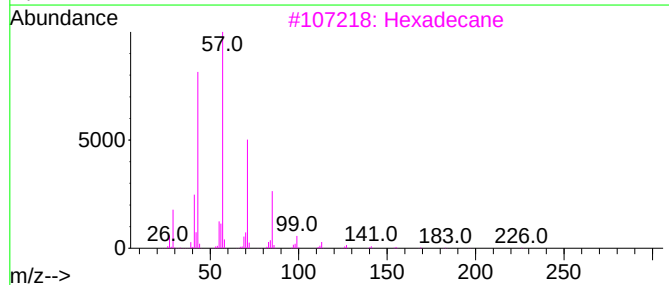
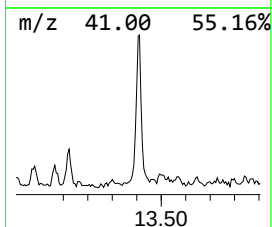
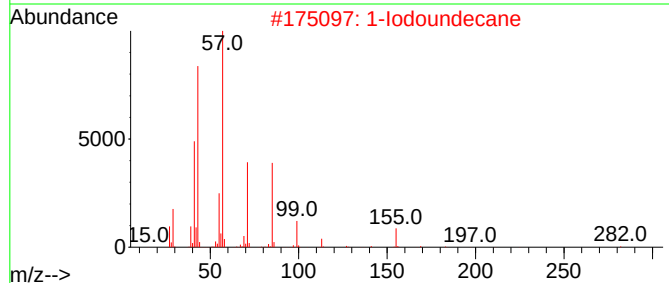
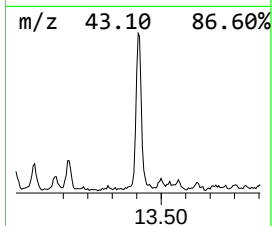
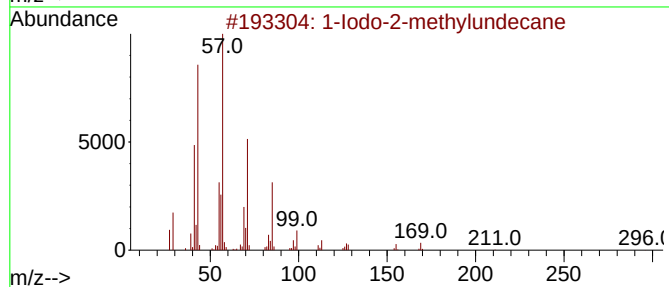
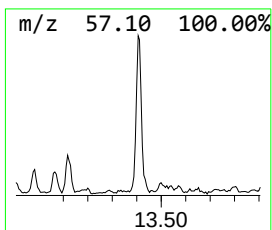
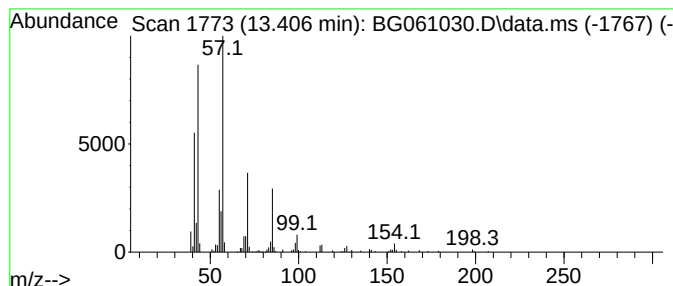
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Iodo-2-methylundecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.406	16.15 ng	289166	Acenaphthene-d10	14.575

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
2		1-Iodoundecane	282	C11H23I	004282-44-4	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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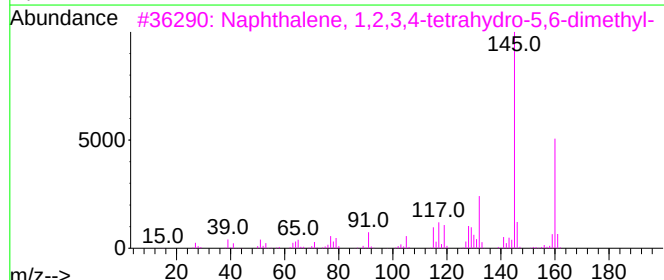
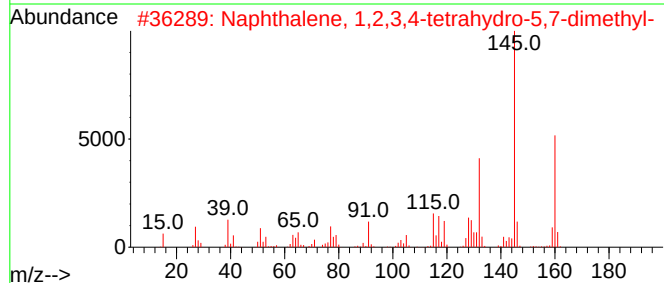
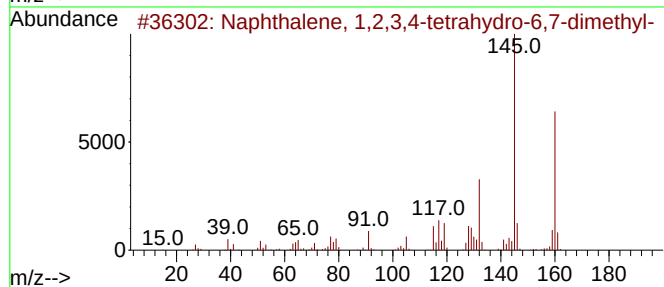
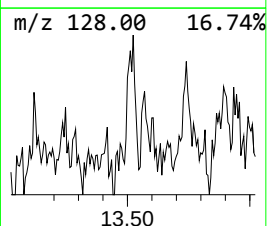
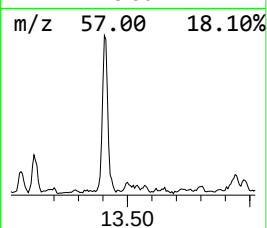
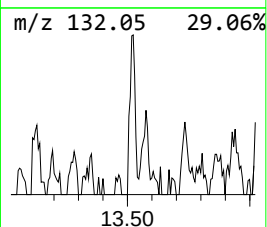
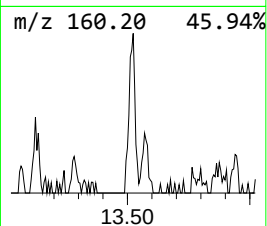
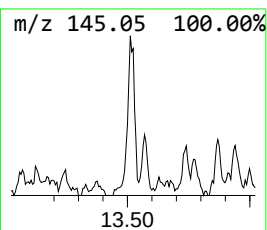
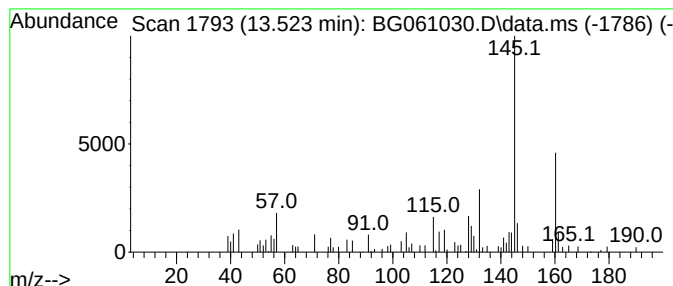
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.523	4.94 ng	88478	Acenaphthene-d10	14.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	91
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

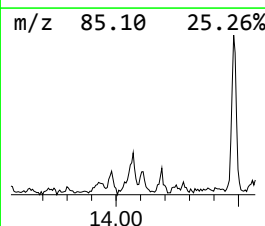
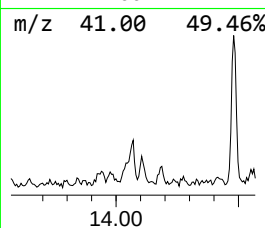
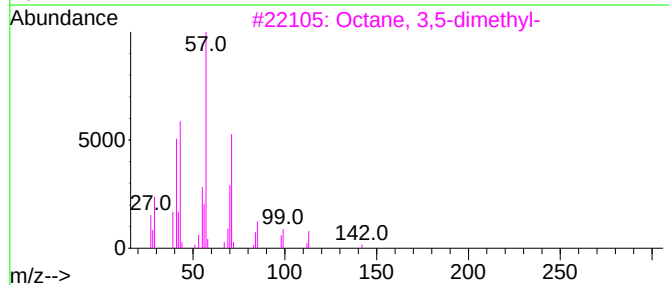
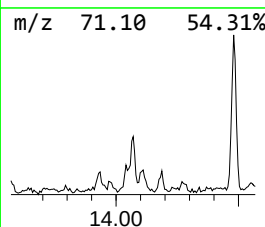
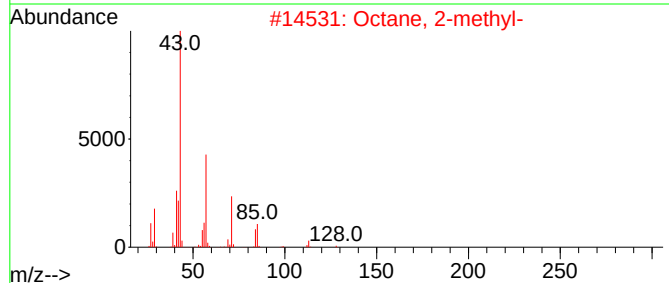
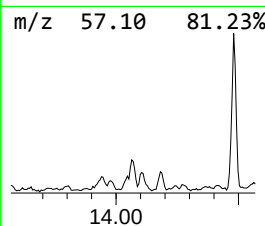
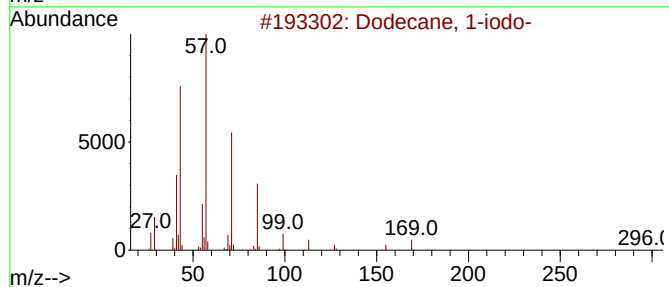
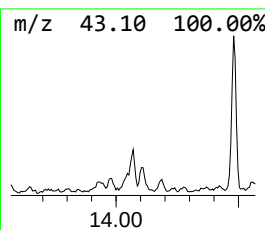
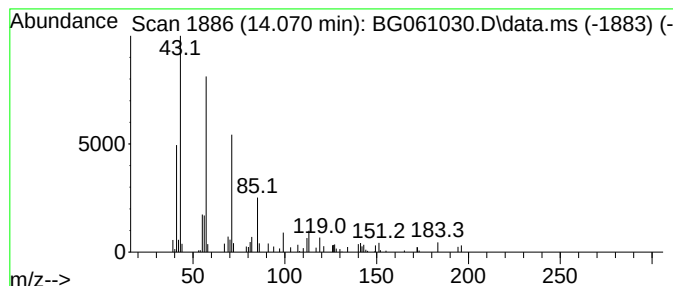
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.070	4.62 ng	82715	Acenaphthene-d10	14.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2			Octane, 2-methyl-	128	C9H20	003221-61-2	64
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-03-04232024

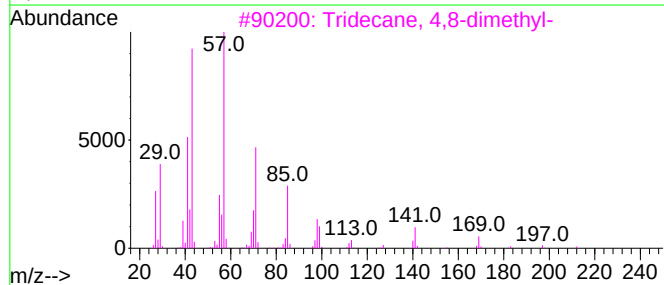
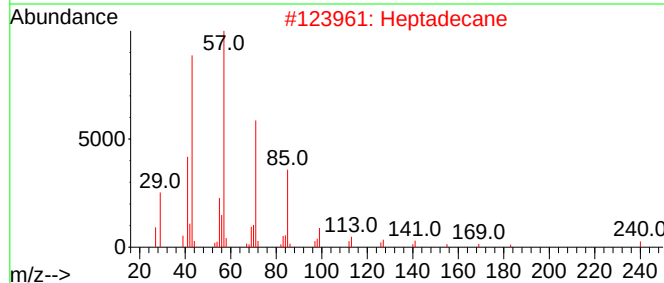
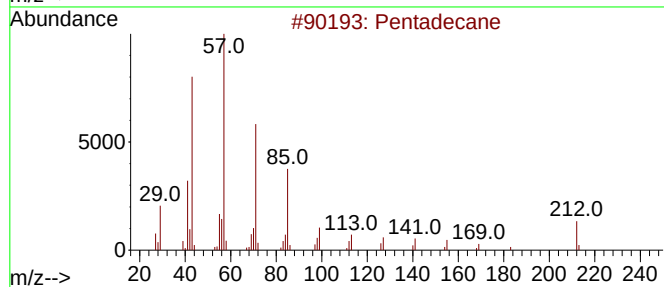
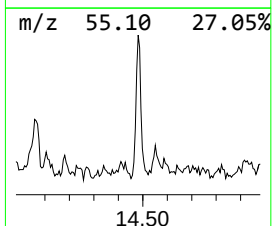
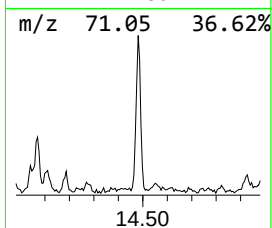
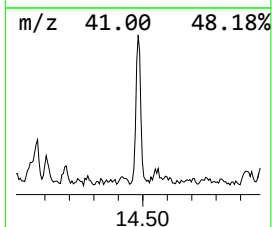
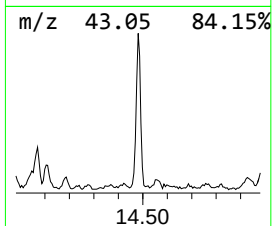
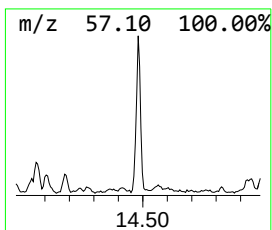
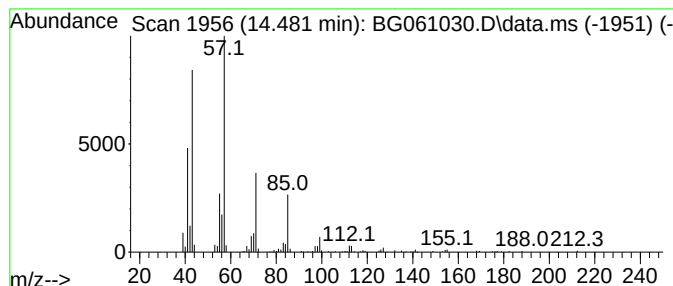
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	16.44 ng	294234	Acenaphthene-d10	14.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Heptadecane	240	C17H36	000629-78-7	90
3			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
4			1-Iodoundecane	282	C11H23I	004282-44-4	80
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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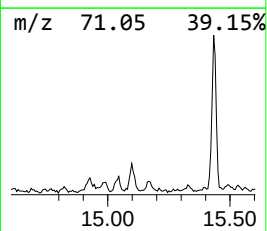
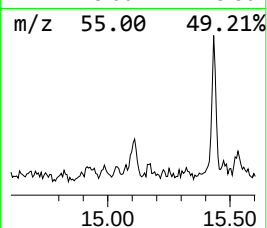
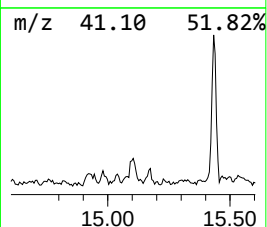
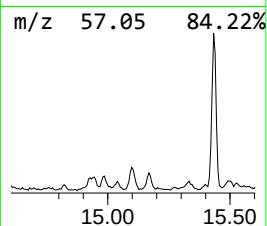
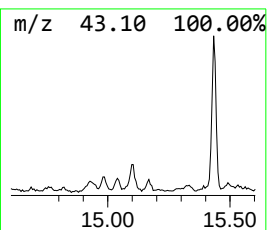
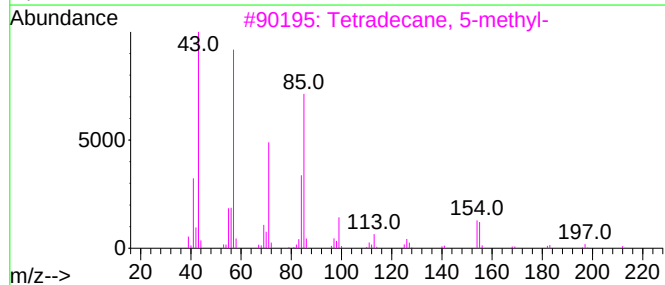
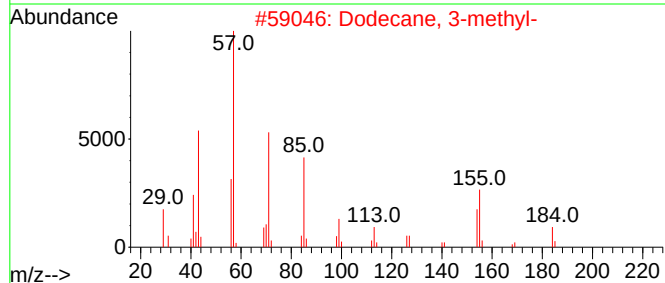
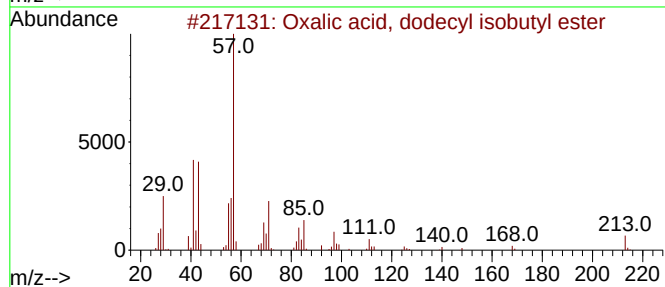
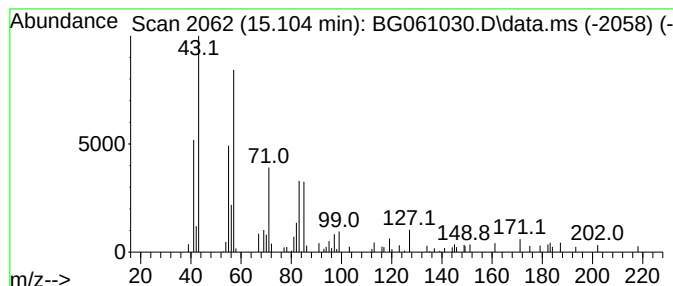
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, dodecyl isobut... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	5.10 ng	91288	Acenaphthene-d10	14.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	59
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	53
4			10-Methylnonadecane	282	C20H42	056862-62-5	53
5			Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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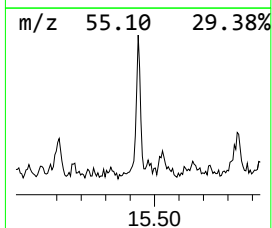
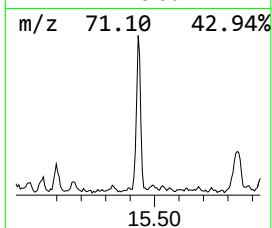
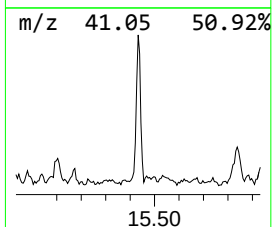
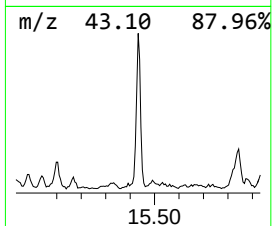
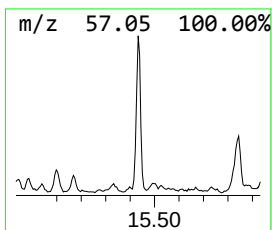
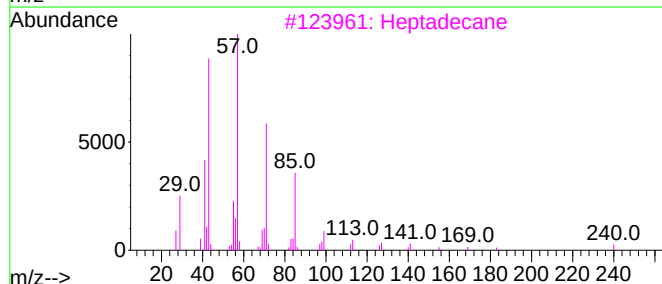
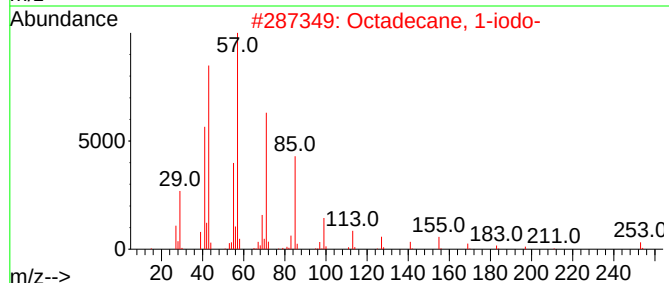
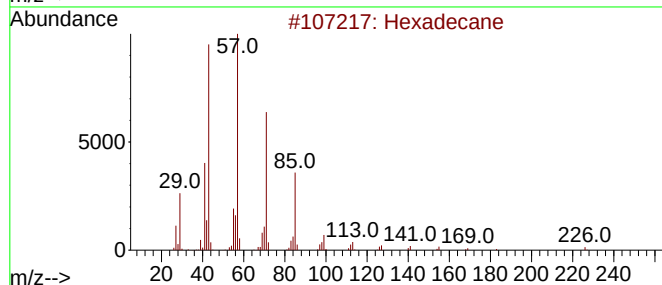
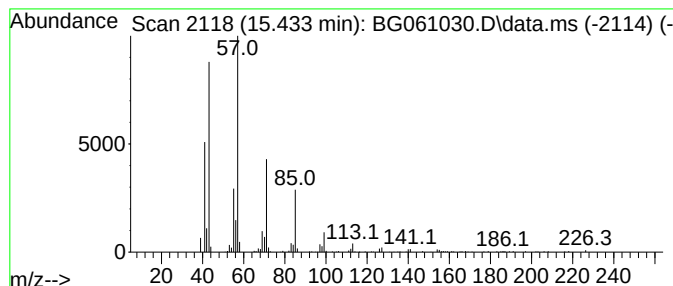
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	16.04 ng	287196	Acenaphthene-d10	14.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	92
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	87
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
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Operator : MA/JU
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Misc :
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Instrument :
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ClientSampleId :
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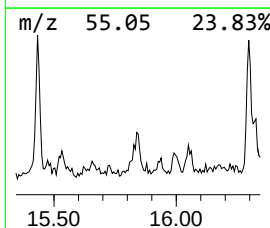
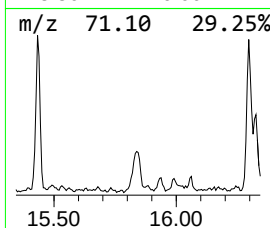
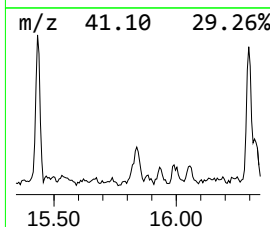
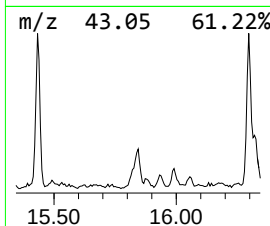
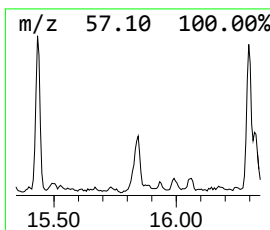
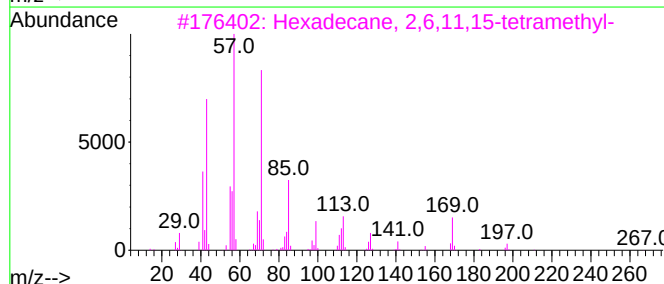
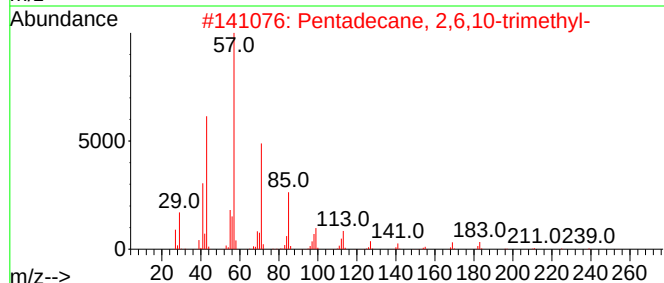
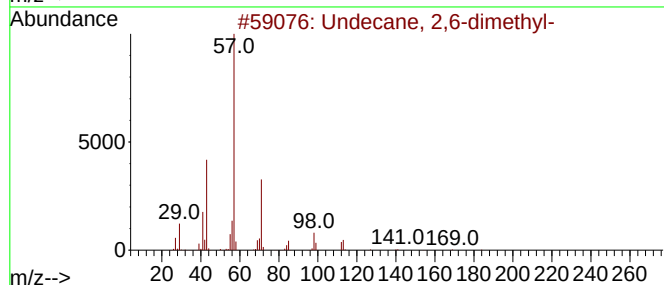
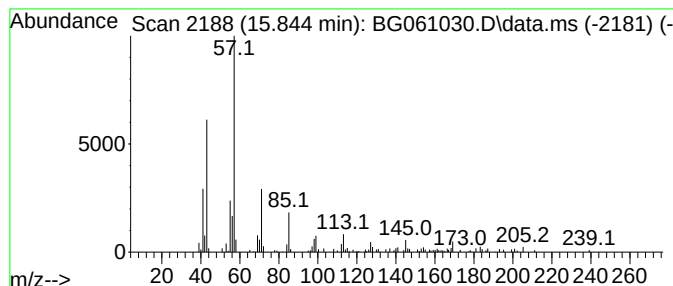
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.844	7.23 ng	129399	Acenaphthene-d10	14.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	52
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	52
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	52
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

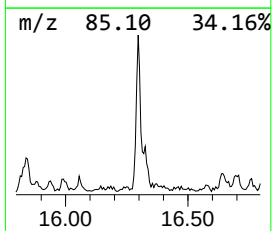
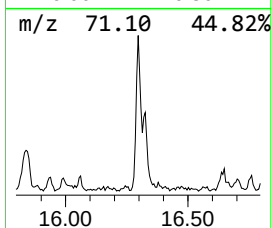
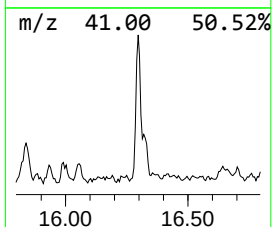
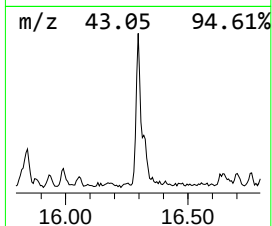
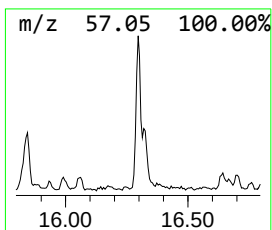
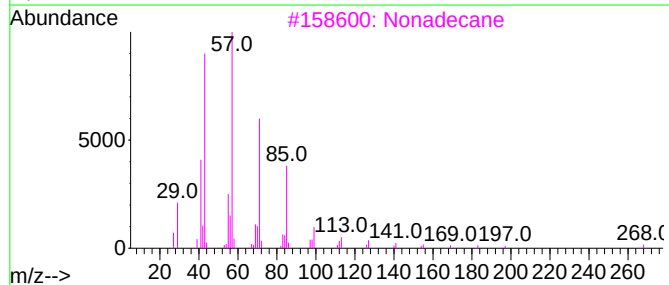
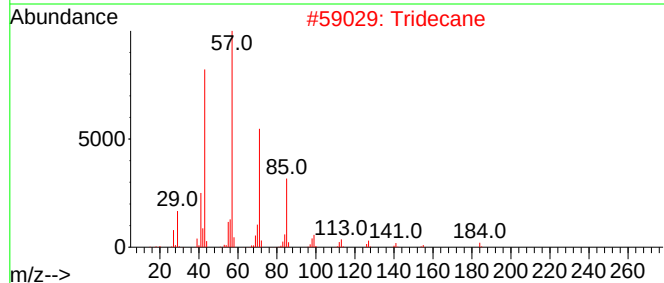
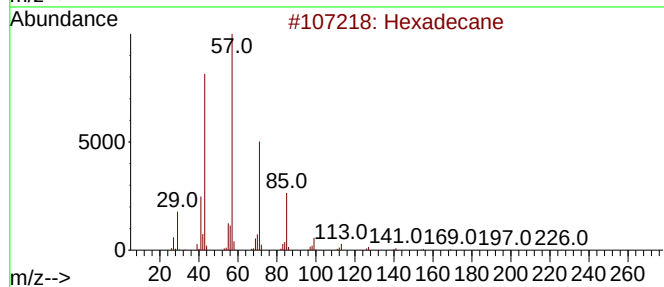
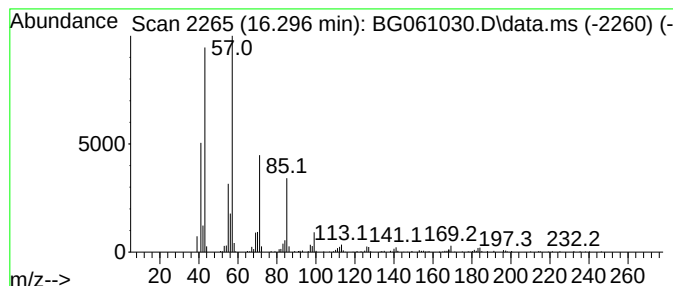
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ClientSampleId :
PL-03-04232024

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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.	
16.296	17.03 ng	331776	Phenanthrene-d10		17.325	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tridecane		184	C13H28	000629-50-5	87
3	Nonadecane		268	C19H40	000629-92-5	86
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	86
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

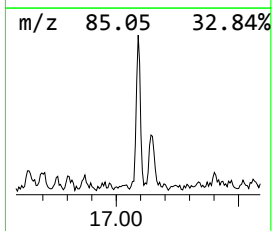
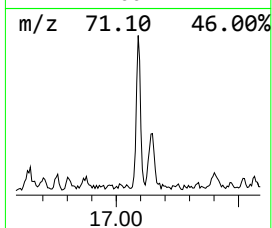
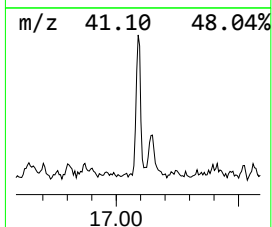
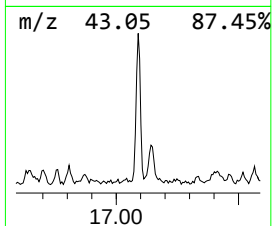
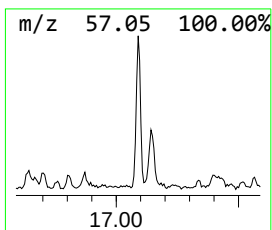
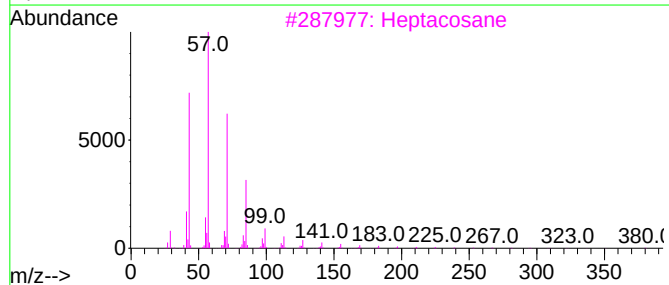
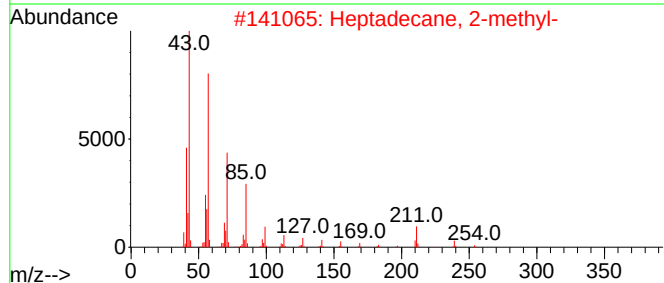
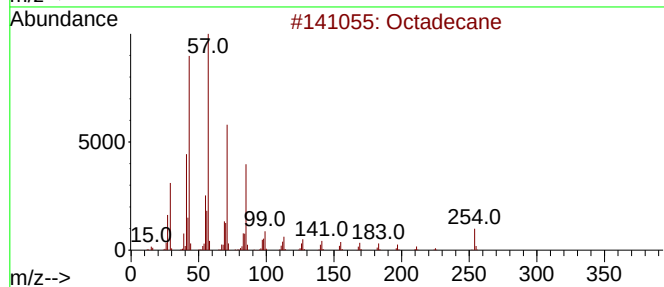
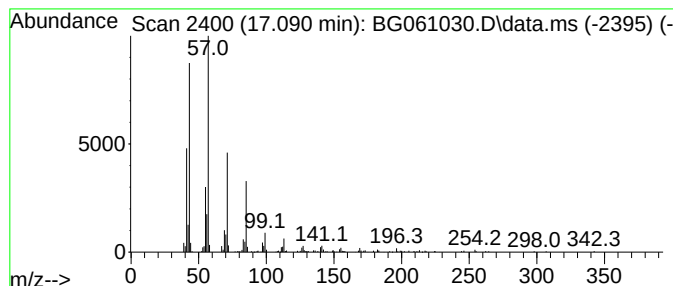
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.090	13.63 ng	265669	Phenanthrene-d10		17.325	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	94
2	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	94
3	Heptacosane		380	C27H56	000593-49-7	91
4	Eicosane		282	C20H42	000112-95-8	90
5	Pentacosane		352	C25H52	000629-99-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

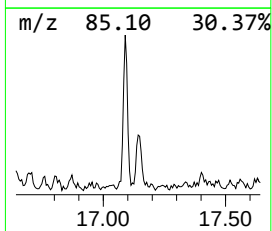
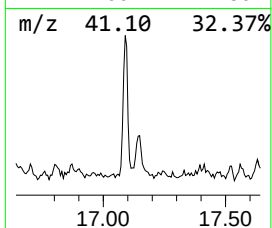
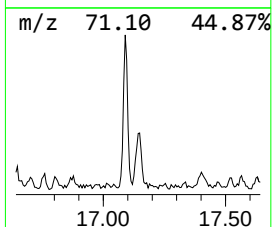
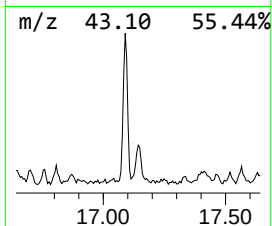
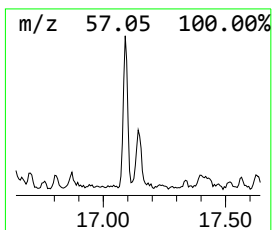
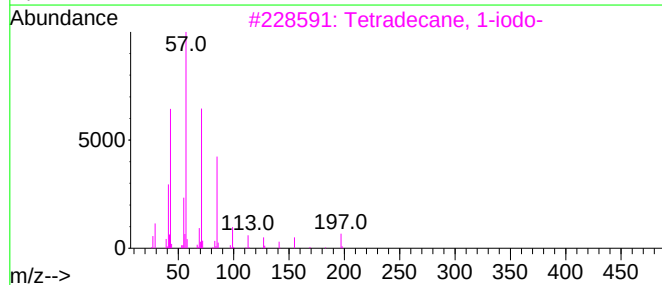
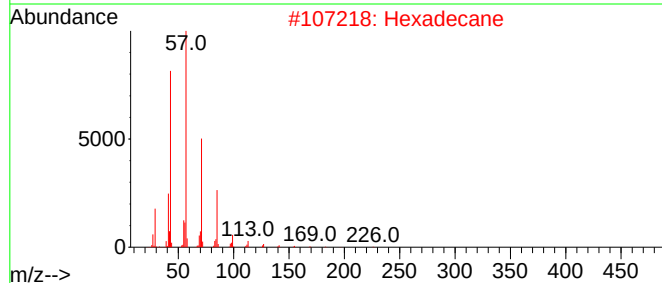
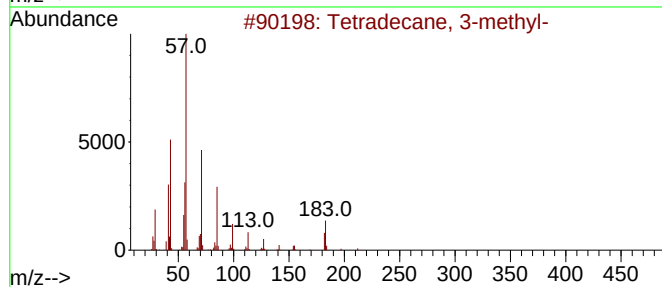
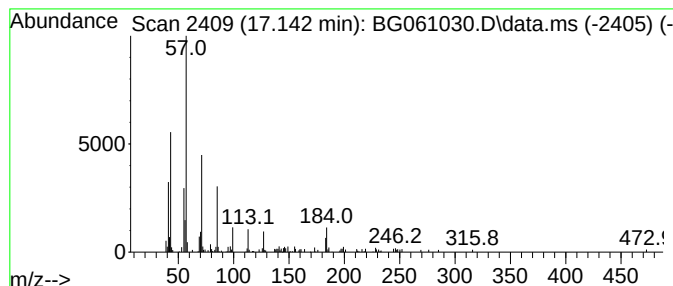
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	7.44 ng	144873	Phenanthrene-d10	17.325

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87
2			Hexadecane	226	C16H34	000544-76-3	70
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64
5			Dodecane	170	C12H26	000112-40-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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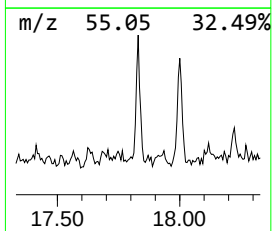
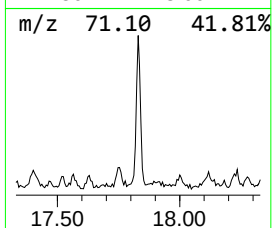
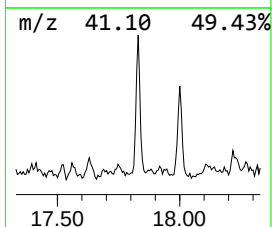
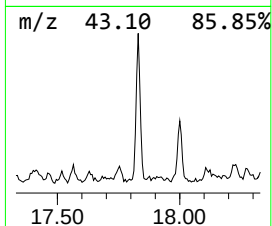
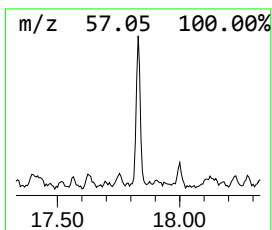
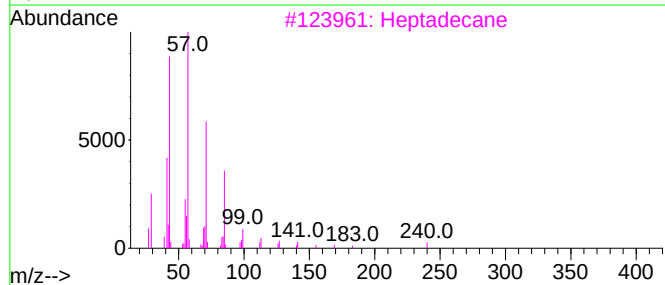
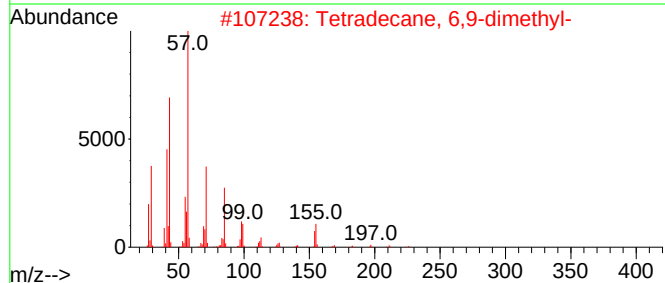
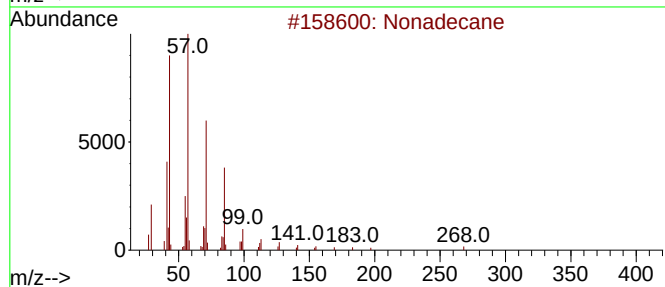
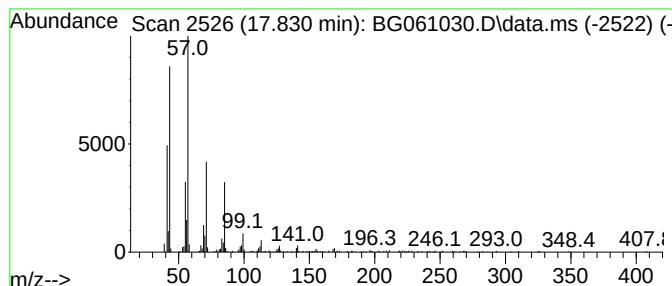
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.830	12.43 ng	242254	Phenanthrene-d10	17.325

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	93
2		Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		1-Iodoundecane	282	C11H23I	004282-44-4	90
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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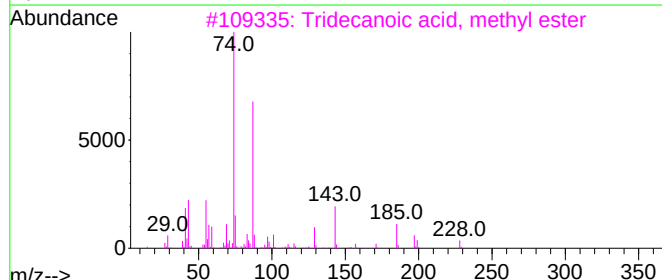
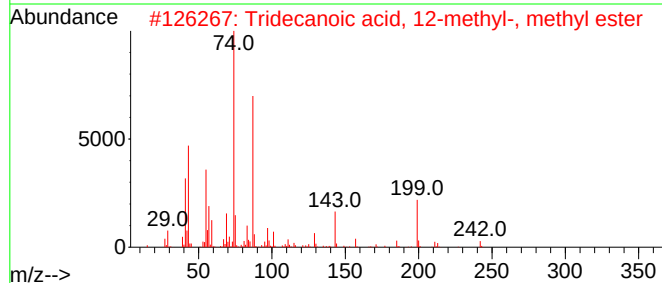
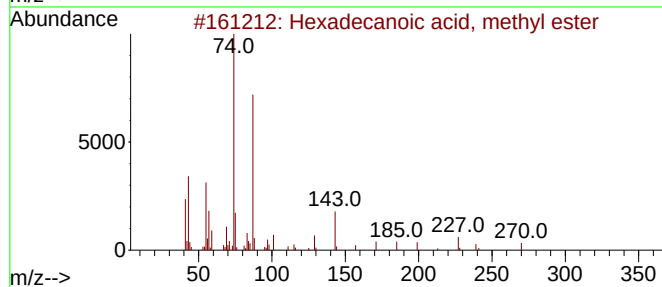
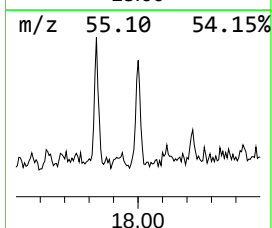
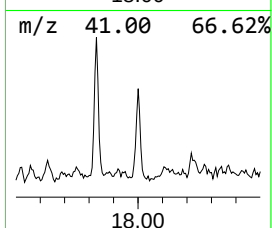
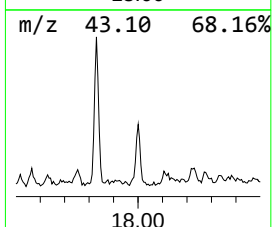
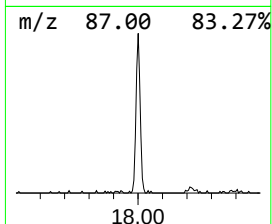
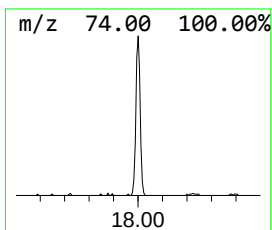
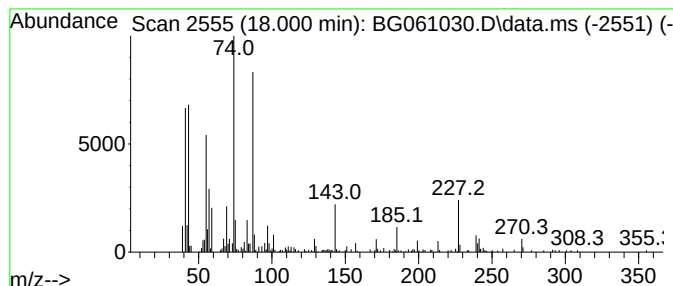
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	10.03 ng	195334	Phenanthrene-d10	17.325

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	81
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
4			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	72
5			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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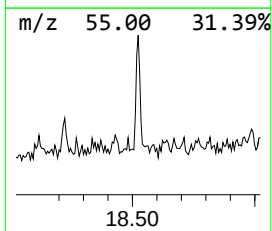
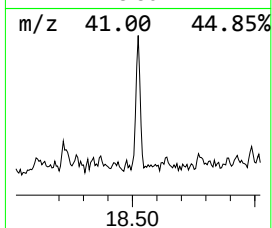
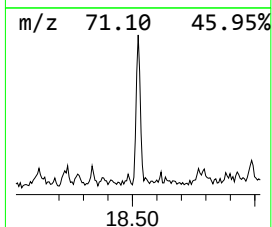
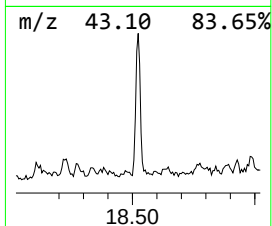
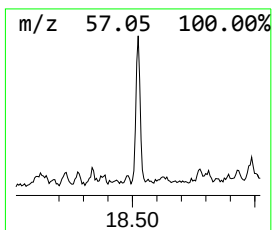
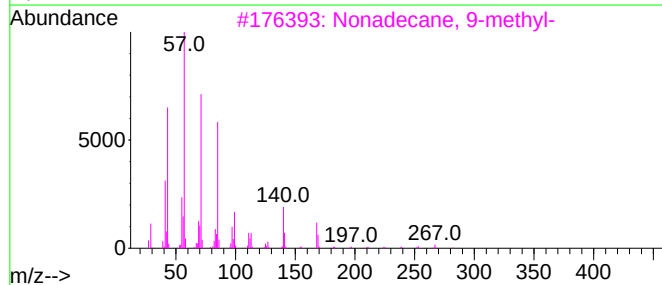
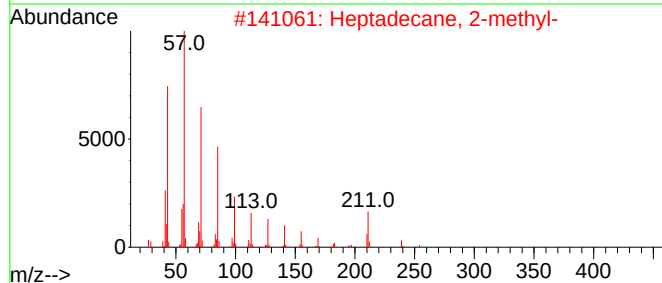
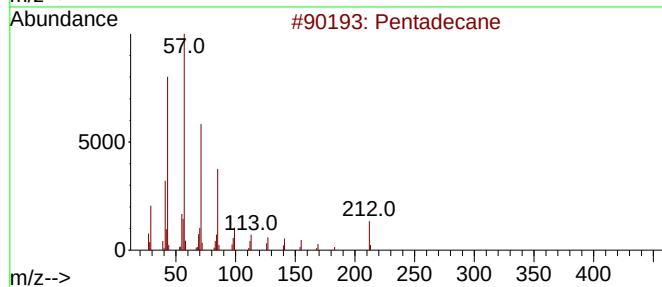
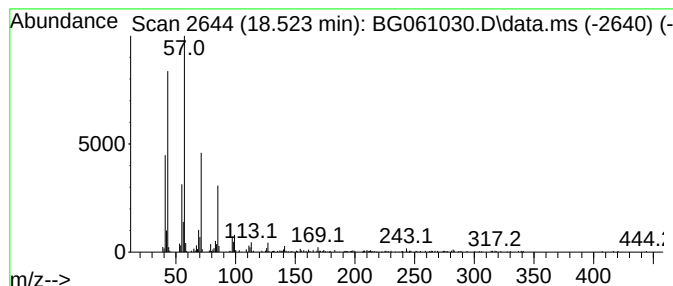
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.523	10.92 ng	212819	Phenanthrene-d10	17.325

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	87
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81
4			Heptacosane	380	C27H56	000593-49-7	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
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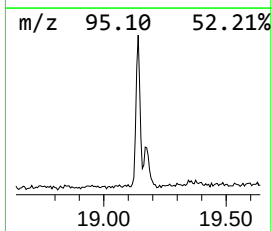
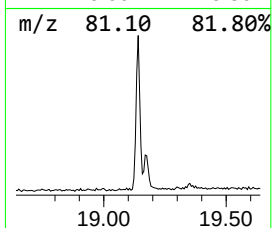
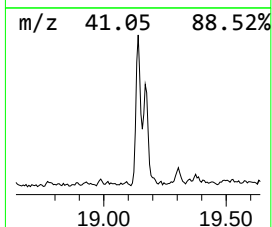
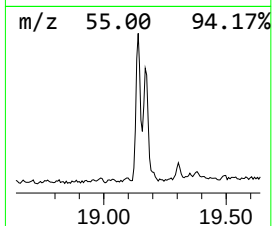
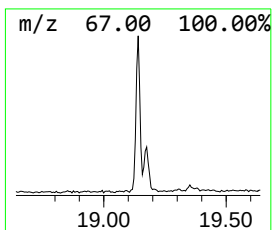
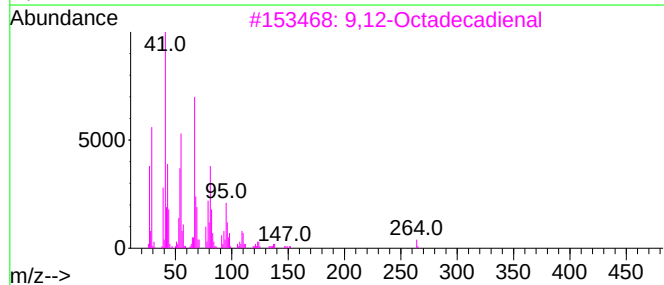
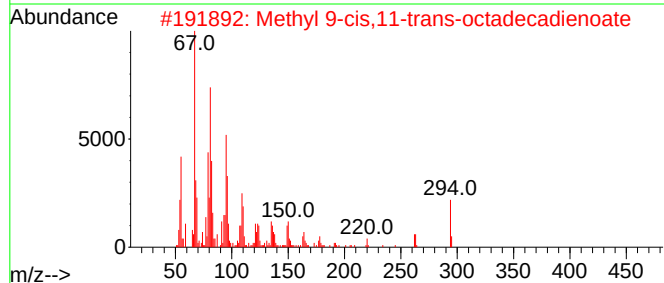
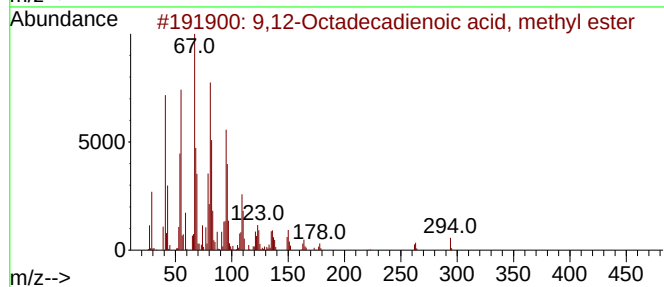
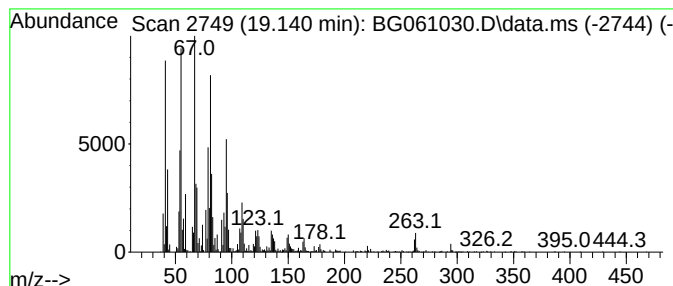
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.140	54.27 ng	1057520	Phenanthrene-d10		17.325	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002462-85-3	98
2	Methyl 9-cis,11-trans-octadecadi...		294	C19H34O2	013058-52-1	96
3	9,12-Octadecadienal		264	C18H32O	026537-70-2	93
4	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002566-97-4	91
5	9,11-Octadecadienoic acid, methy...		294	C19H34O2	013038-47-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
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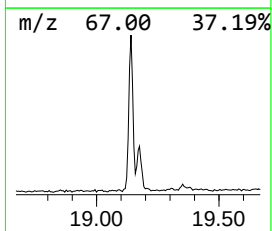
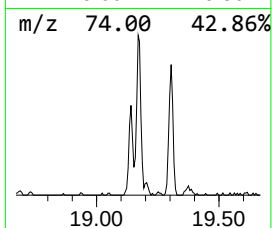
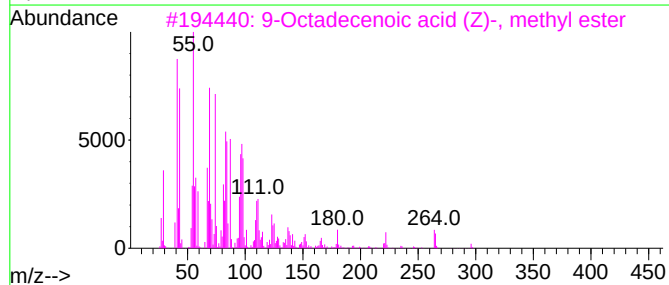
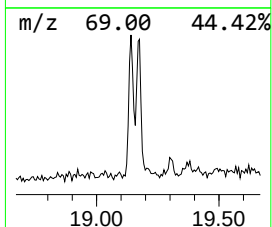
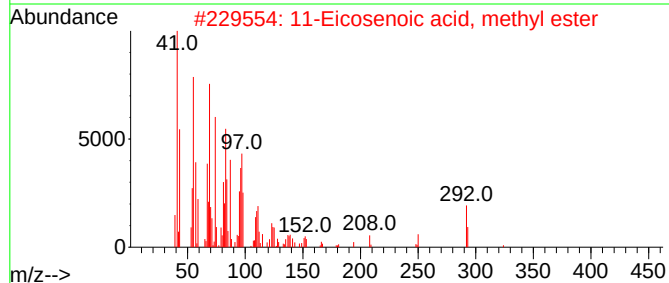
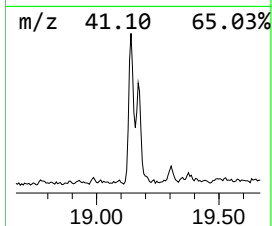
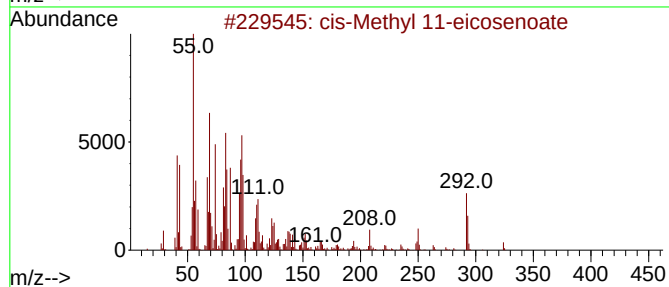
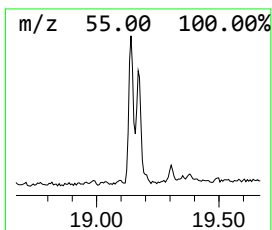
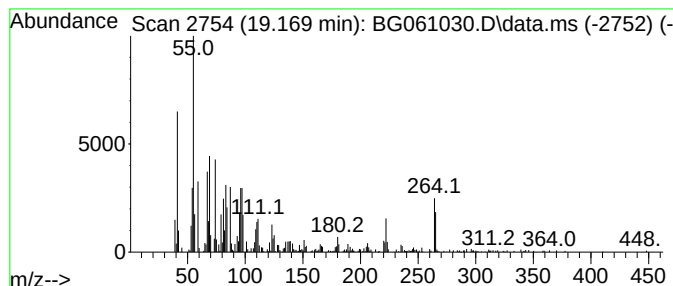
Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 cis-Methyl 11-eicosenoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.169	34.13 ng	664968	Phenanthrene-d10	17.325	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	97
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	94
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	92
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

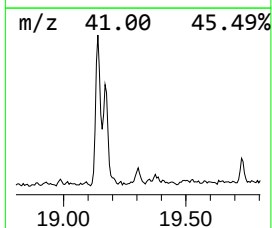
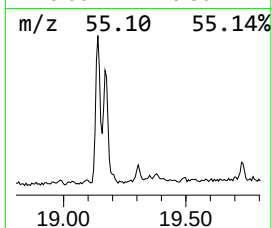
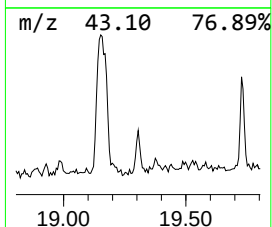
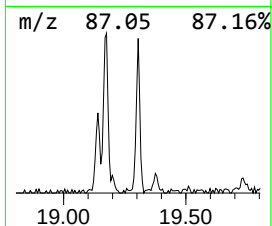
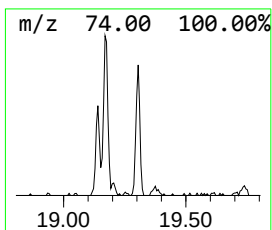
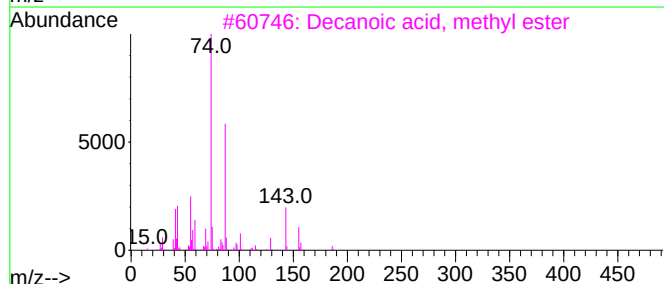
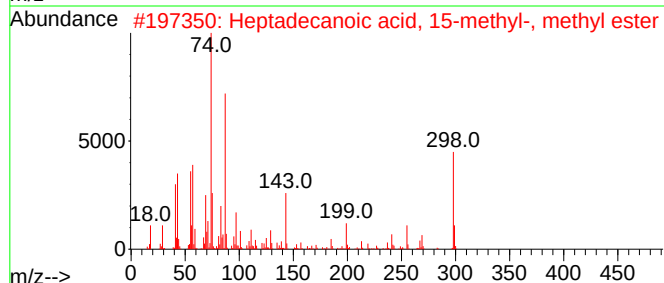
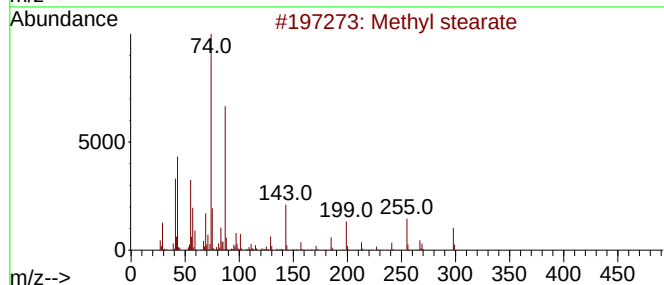
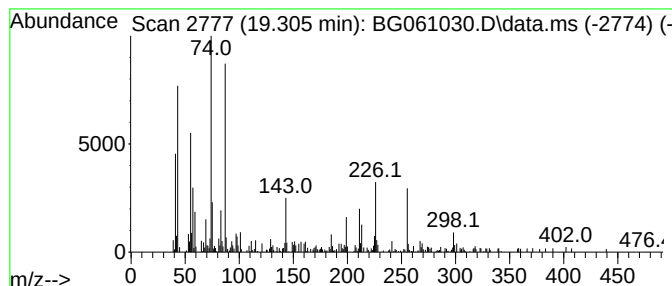
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.305	5.46 ng	106448	Phenanthrene-d10	17.325

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	93
2		Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	76
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	70
4		2-Methyloctadecanoic acid	298	C19H38O2	007217-83-6	68
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

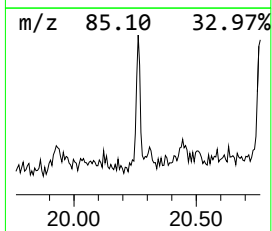
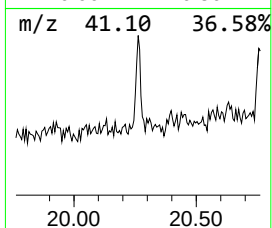
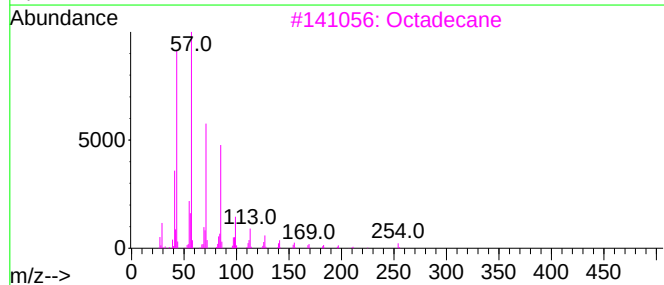
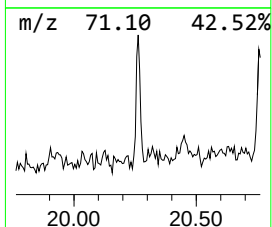
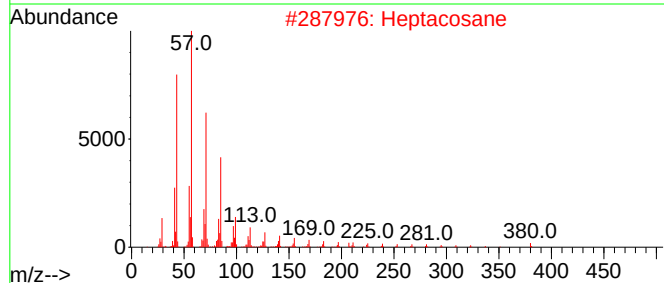
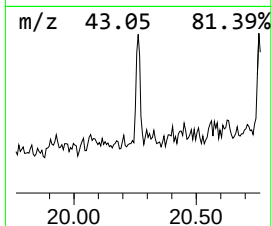
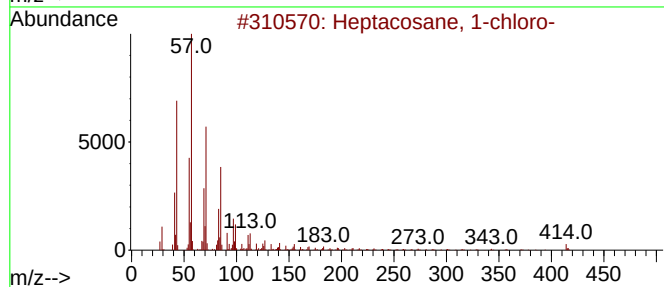
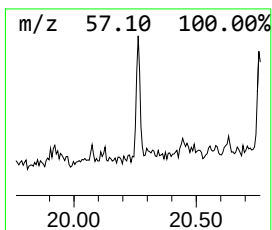
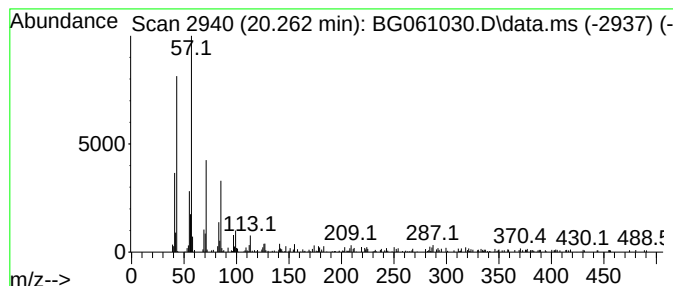
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane, 1-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.262	4.45 ng	90884	Chrysene-d12	21.584

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	94
2		Heptacosane	380	C27H56	000593-49-7	93
3		Octadecane	254	C18H38	000593-45-3	89
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061030.D
Acq On : 24 Apr 2024 19:38
Operator : MA/JU
Sample : P2247-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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
Undecane	9.175	6.0	ng	54658	1	7.947	181703	20.0
Heptadecane	12.166	10.7	ng	192549	2	10.744	361366	20.0
unknown13.124	13.124	5.0	ng	89509	3	14.575	358013	20.0
1-Iodo-2-methyl...	13.406	16.1	ng	289166	3	14.575	358013	20.0
Naphthalene, 1,...	13.523	4.9	ng	88478	3	14.575	358013	20.0
Dodecane, 1-iodo-	14.070	4.6	ng	82715	3	14.575	358013	20.0
Pentadecane	14.481	16.4	ng	294234	3	14.575	358013	20.0
Oxalic acid, do...	15.104	5.1	ng	91288	3	14.575	358013	20.0
Hexadecane	15.433	16.0	ng	287196	3	14.575	358013	20.0
Undecane, 2,6-d...	15.844	7.2	ng	129399	3	14.575	358013	20.0
Tridecane	16.296	17.0	ng	331776	4	17.325	389693	20.0
Octadecane	17.090	13.6	ng	265669	4	17.325	389693	20.0
Tetradecane, 3-...	17.142	7.4	ng	144873	4	17.325	389693	20.0
Nonadecane	17.830	12.4	ng	242254	4	17.325	389693	20.0
Hexadecanoic ac...	18.000	10.0	ng	195334	4	17.325	389693	20.0
Heptadecane, 2-...	18.523	10.9	ng	212819	4	17.325	389693	20.0
9,12-Octadecadi...	19.140	54.3	ng	1057520	4	17.325	389693	20.0
cis-Methyl 11-e...	19.169	34.1	ng	664968	4	17.325	389693	20.0
Methyl stearate	19.305	5.5	ng	106448	4	17.325	389693	20.0
Heptacosane, 1-...	20.262	4.5	ng	90884	5	21.584	408593	20.0