LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCS-TPE

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_F\Methods\8270-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138249.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	12	20	25	rVB	4426864	5775553	73.89%	6.608%
2	3.457	222	233	240	rBV	381123	960940	12.29%	1.099%
3	5.081	503	509	511	rBV2	82740	102492	1.31%	0.117%
4	5.116	511	515	520	rVB	513389	561390	7.18%	0.642%
5	5.481	571	577	578	rBV	259909	262406	3.36%	0.300%
6	5.510	578	582	585	rVB	6274890	7112735	90.99%	8.138%
7	5.740	617	621	624	rBV	134894	128032	1.64%	0.146%
8	5.828	632	636	640	rBV	100722	94646	1.21%	0.108%
9	6.516	747	753	756	rBV	6129548	6804379	87.05%	7.785%
10	6.710	782	786	789	rBV	724977	547021	7.00%	0.626%
11	6.887	812	816	819	rVB	2007660	1842518	23.57%	2.108%
12	7.445	901	911	914	rBV	4422337	4610221	58.98%	5.275%
13	7.698	950	954	957	rVB	270077	230696	2.95%	0.264%
14	8.163	1027	1033	1036	rBV	2884410	2411590	30.85%	2.759%
15	8.381	1064	1070	1076	rVB4	126080	128157	1.64%	0.147%
16	8.475	1076	1086	1090	rBV	889000	811202	10.38%	0.928%
17	8.581	1101	1104	1107	rBV	86652	83044	1.06%	0.095%
18	9.181	1204	1206	1211	rVB2	96781	88487	1.13%	0.101%
19	9.239	1211	1216	1219	rBV	8318294	7816700	100.00%	8.944%
20	9.498	1257	1260	1264	rVB2	83863	88462	1.13%	0.101%
21	9.722	1295	1298	1303	rVB2	112999	115904	1.48%	0.133%
22	9.916	1328	1331	1335	rVB	2819180	2359599	30.19%	2.700%
23	10.022	1343	1349	1352	rBV	4044587	5162467	66.04%	5.907%
24	10.116	1362	1365	1369	rVB2	94567	103352	1.32%	0.118%
25	10.463	1421	1424	1428	rBV	127688	111139	1.42%	0.127%
26	10.704	1461	1465	1469	rBV	4508944	4217481	53.95%	4.825%
27	10.828	1482	1486	1493	rVB7	61267	114681	1.47%	0.131%
28	11.010	1510	1517	1520	rBV4	60628	101239	1.30%	0.116%
29	11.263	1554	1560	1564	rBV4	51037	110490	1.41%	0.126%
30	11.298	1564	1566	1571	rVB	138907	116000	1.48%	0.133%
31	11.404	1580	1584	1586	rBV	2480281	2099020	26.85%	2.402%
32	11.428	1586	1588	1591	rVV	2185754	1599645	20.46%	1.830%
33	11.475	1591	1596	1599	rVB	552355	520675	6.66%	0.596%
34	11.628	1617	1622	1625	rBV2	133861	161380	2.06%	0.185%
35	11.733	1637	1640	1645	rVB2	88055	80167	1.03%	0.092%
36	11.798	1648	1651	1653	rBV	96029	93790	1.20%	0.107%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

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_F\Methods\8270-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.904	1665	1669	1671	rBV	433961	371892	4.76%	0.426%
38	11.933	1671	1674	1678	rVV	1353761	1308890	16.74%	1.498%
39	11.980	1678	1682	1684	rVV2	249825	258515	3.31%	0.296%
40	12.016	1684	1688	1690	rVV2	504620	563948	7.21%	0.645%
41	12.039	1690	1692	1695	rVB	315978	243855	3.12%	0.279%
42	12.198	1711	1719	1721	rBV	252118	267303	3.42%	0.306%
43	12.451	1759	1762	1766	rBV	268547	324783	4.15%	0.372%
44	12.498	1766	1770	1774	rVV2	219483	392340	5.02%	0.449%
45	12.539	1774	1777	1782	rVB2	128043	151410	1.94%	0.173%
46	12.616	1787	1790	1794	rBV	2689068	2244655	28.72%	2.568%
47	12.710	1804	1806	1810	rBV	252930	250017	3.20%	0.286%
48	12.845	1823	1829	1832	rBV	2373379	2301146	29.44%	2.633%
49	12.892	1834	1837	1842	rVB2	165772	202669	2.59%	0.232%
50	12.963	1846	1849	1850	rBV	165063	139662	1.79%	0.160%
51	12.992	1850	1854	1857	rVV	6783379	6163733	78.85%	7.052%
52	13.057	1860	1865	1869	rBV3	210360	345079	4.41%	0.395%
53	13.145	1877	1880	1882	rBV3	149696	186027	2.38%	0.213%
54	13.169	1882	1884	1887	rVB	344435	308841	3.95%	0.353%
55	13.239	1894	1896	1898	rVB	174907	139743	1.79%	0.160%
56	13.274	1898	1902	1905	rBV2	354529	355180	4.54%	0.406%
57	13.369	1915	1918	1920	rVB	189811	153458	1.96%	0.176%
58	13.398	1920	1923	1926	rBV2	215723	210255	2.69%	0.241%
59	13.469	1932	1935	1941	rVB2	415413	396071	5.07%	0.453%
60	13.563	1946	1951	1955	rBV4	131456	226112	2.89%	0.259%
61	13.674	1967	1970	1979	rVB	184466	207815	2.66%	0.238%
62	13.792	1984	1990	1992	rBV3	159623	249995	3.20%	0.286%
63	13.816	1992	1994	1996	rBV	211456	165173	2.11%	0.189%
64	13.886	2002	2006	2013	rVB2	672141	803583	10.28%	0.919%
65	14.039	2027	2032	2035	rBV2	2291805	3078423	39.38%	3.522%
66	14.069	2035	2037	2043	rVB	1118398	966025	12.36%	1.105%
67	14.139	2044	2049	2053	rBV3	111191	173728	2.22%	0.199%
68	14.210	2058	2061	2063	rVV2	142543	162502	2.08%	0.186%
69	14.263	2066	2070	2073	rBV2	88364	112398	1.44%	0.129%
70	14.357	2083	2086	2089	rBV4	71572	84438	1.08%	0.097%
71	14.421	2094	2097	2101	rVB	265506	275720	3.53%	0.315%
72	14.457	2101	2103	2106	rVB	174169	139157	1.78%	0.159%
73	14.492	2106	2109	2110	rBV2	184101	173611	2.22%	0.199%
74	14.516	2110	2113	2116	rVB2	266995	286780	3.67%	0.328%
75	14.574	2121	2123	2126	rVB3	141888	127117	1.63%	0.145%
76	14.821	2162	2165	2168	rBV2	136023	153458	1.96%	0.176%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
WCS-TPE

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.968	2188	2190	2196	rVB4	63307	101842	1.30%	0.117%
78	15.080	2205	2209	2212	rBV	675107	1009671	12.92%	1.155%
79	15.163	2220	2223	2225	rBV2	153366	170246	2.18%	0.195%
80	15.192	2225	2228	2233	rVB	184153	222420	2.85%	0.254%
81	15.386	2257	2261	2267	rVB	397182	468668	6.00%	0.536%
82	15.445	2267	2271	2278	rVV	604573	732136	9.37%	0.838%
83	15.516	2278	2283	2286	rVV	1127800	1411217	18.05%	1.615%
84	15.545	2286	2288	2295	rVB3	198247	274271	3.51%	0.314%
85	15.998	2361	2365	2370	rBV	111650	162407	2.08%	0.186%
86	16.980	2527	2532	2542	rVB2	185545	380583	4.87%	0.435%
87	17.427	2603	2608	2620	rVB	133200	274070	3.51%	0.314%

Sum of corrected areas: 87400738

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Instrument :
BNA_F
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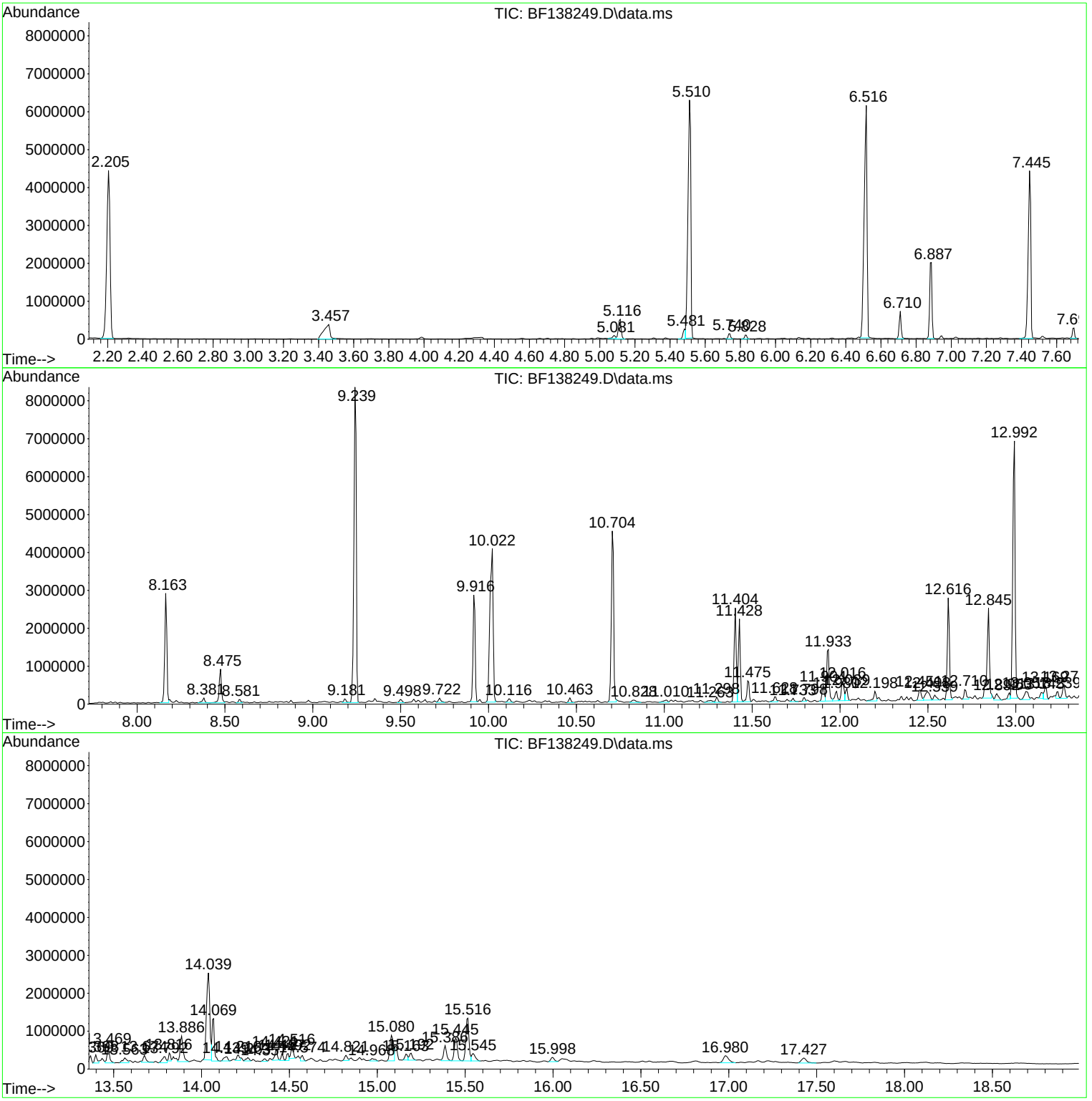
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

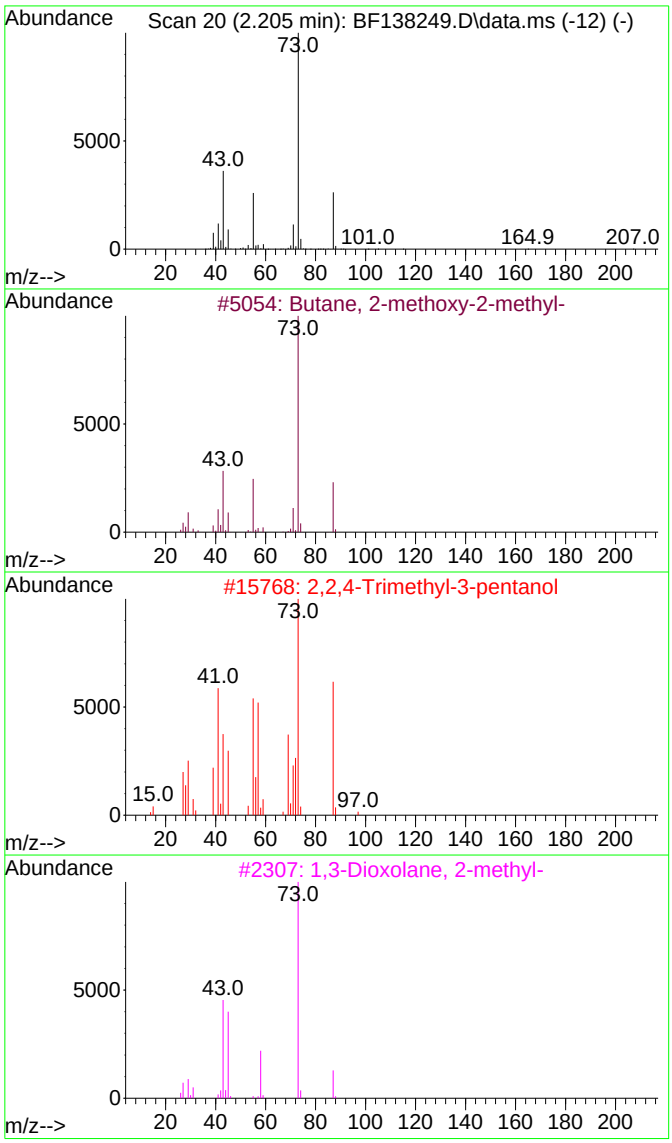
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

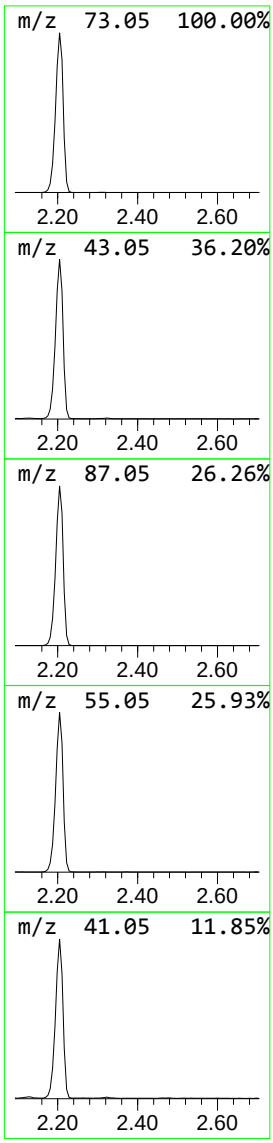
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	62.69 ng	5775550	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
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Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

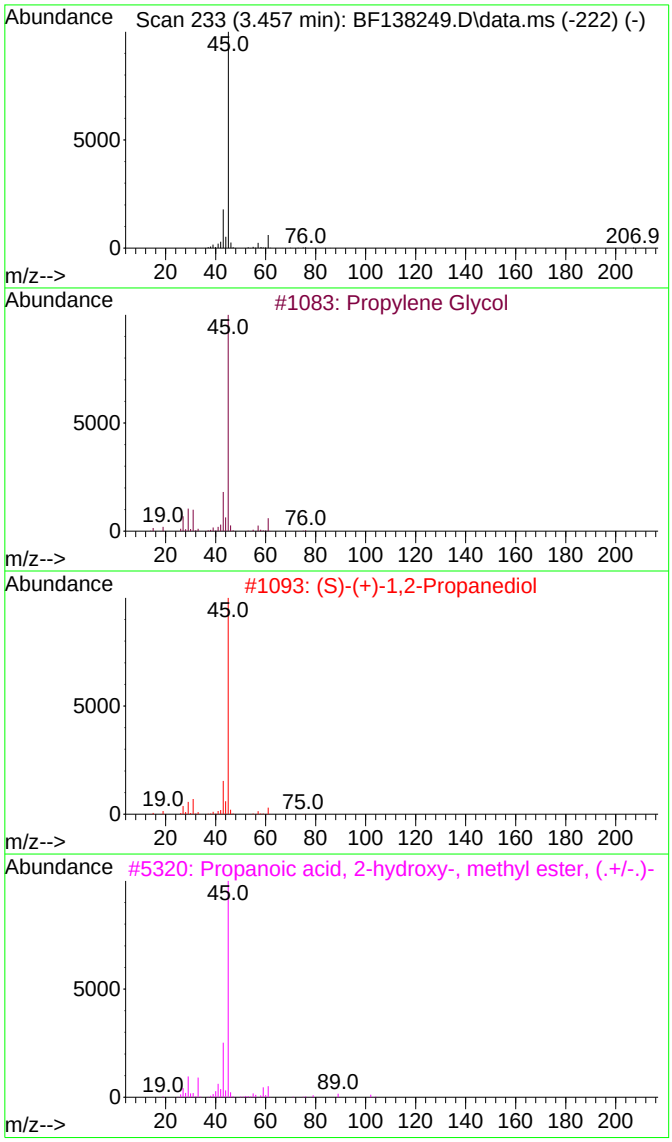
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

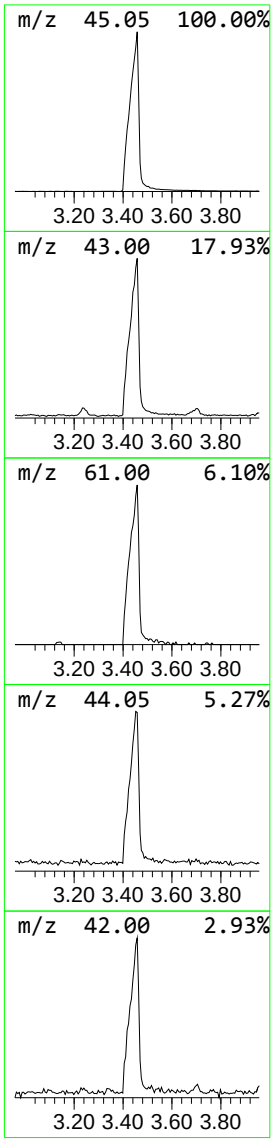
****

Peak Number 2 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.457	10.43 ng	960940	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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Instrument :
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ClientSampleId :
WCS-TPE

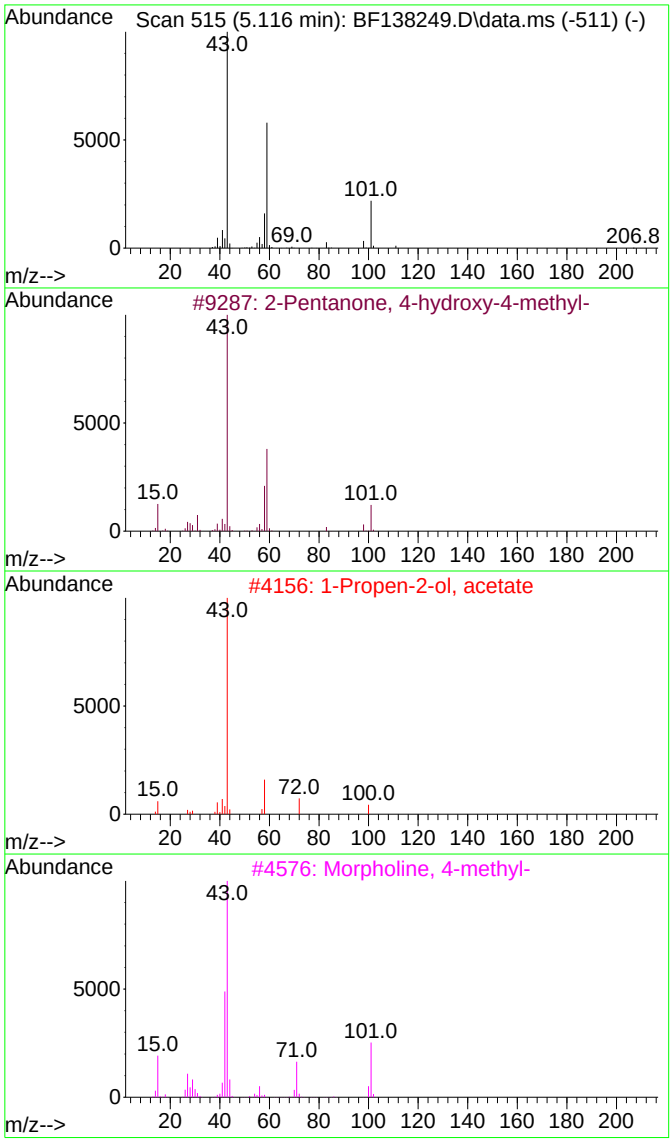
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

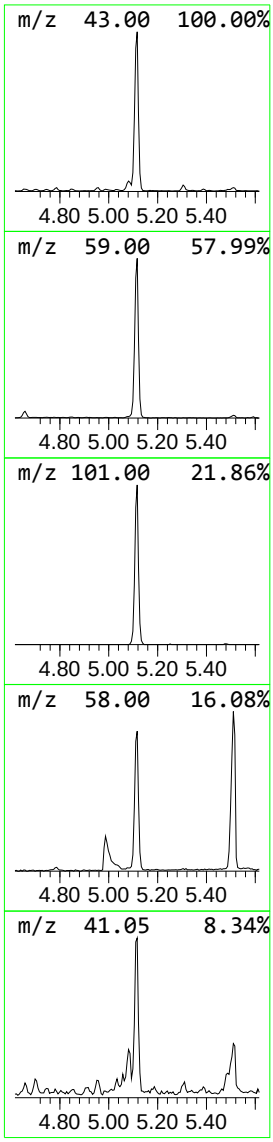
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.09 ng	561390	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Instrument :
BNA_F
ClientSampleId :
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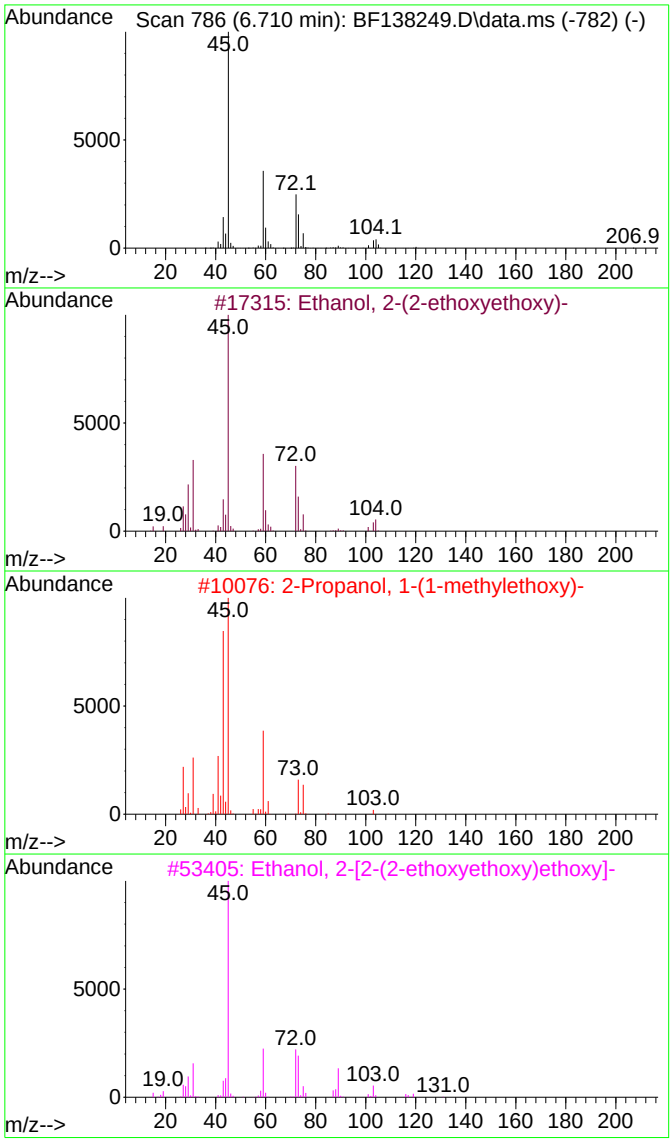
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

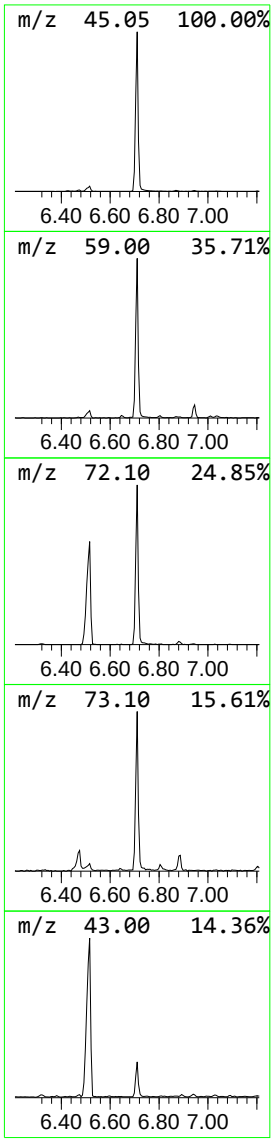
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	5.94 ng	547021	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	42





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Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

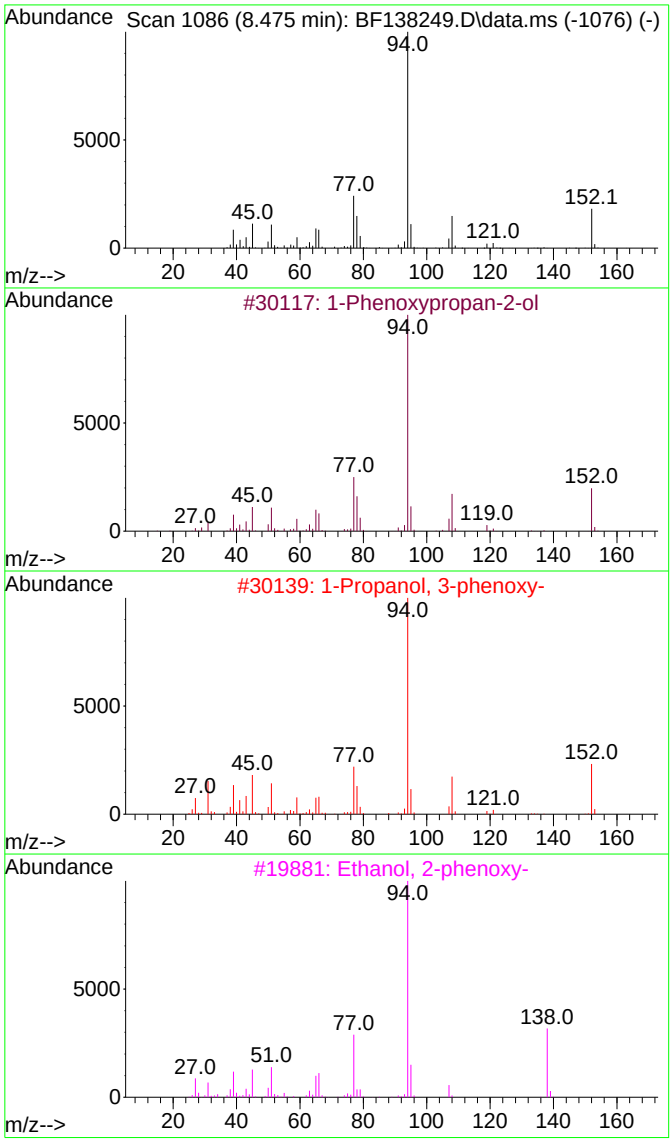
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

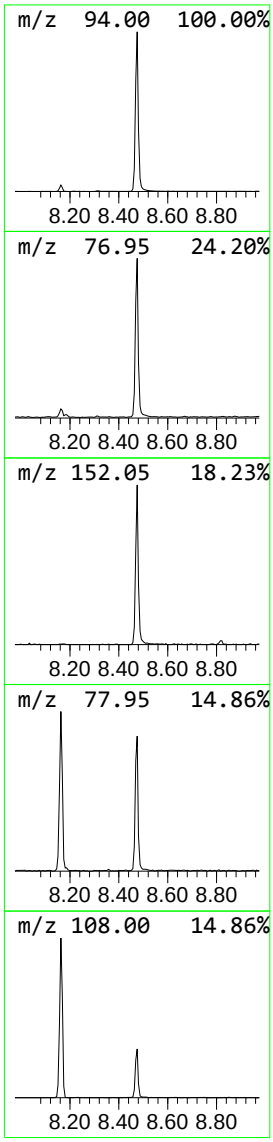
****

Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	6.73 ng	811202	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
5	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64





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Data File : BF138249.D
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Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

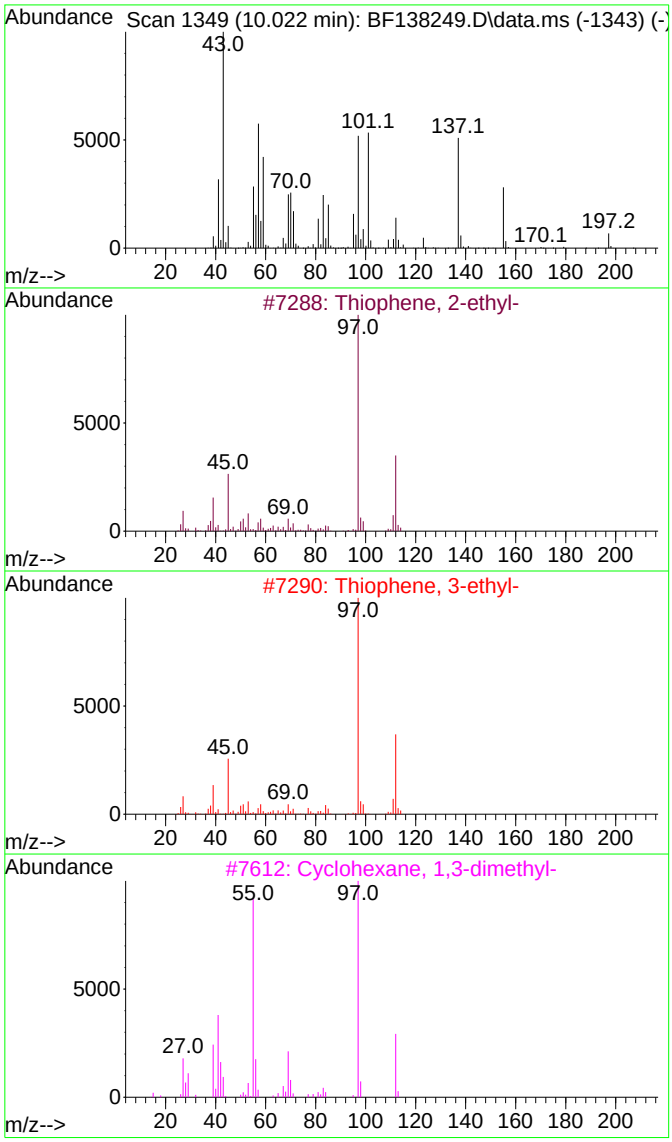
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

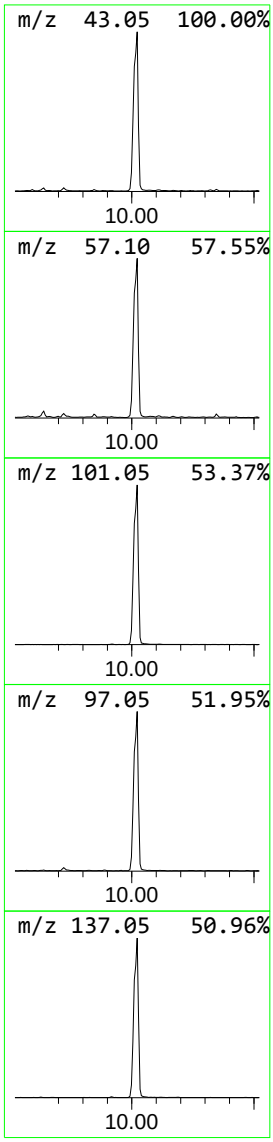
****

Peak Number 6 unknown10.022 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	43.76 ng	5162470	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	11
2	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	11
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	11
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	11
5	Acetaldehyde, 2-butenylhydrazone	112	C6H12N2	075268-07-4	11





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Sample : P2930-01
Misc :
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ClientSampleId :
WCS-TPE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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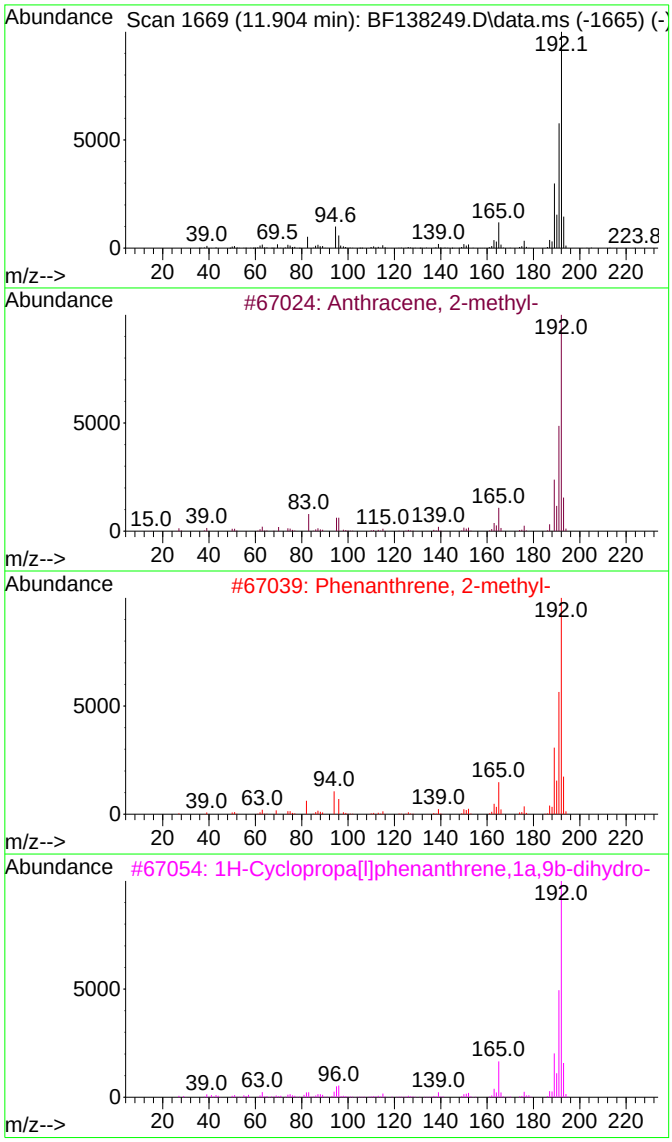
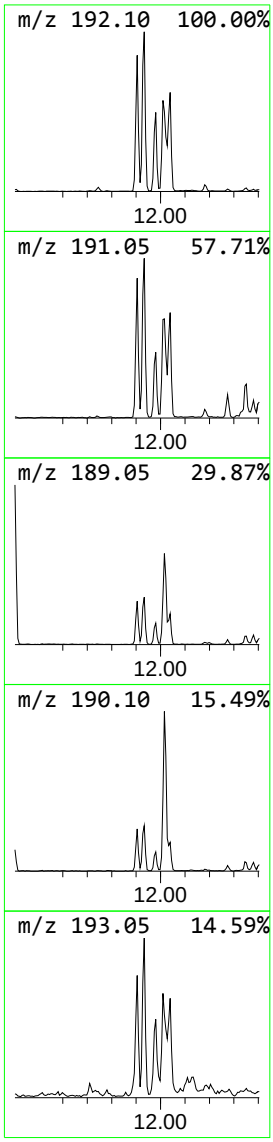
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.54 ng	371892	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Instrument :
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ClientSampleId :
WCS-TPE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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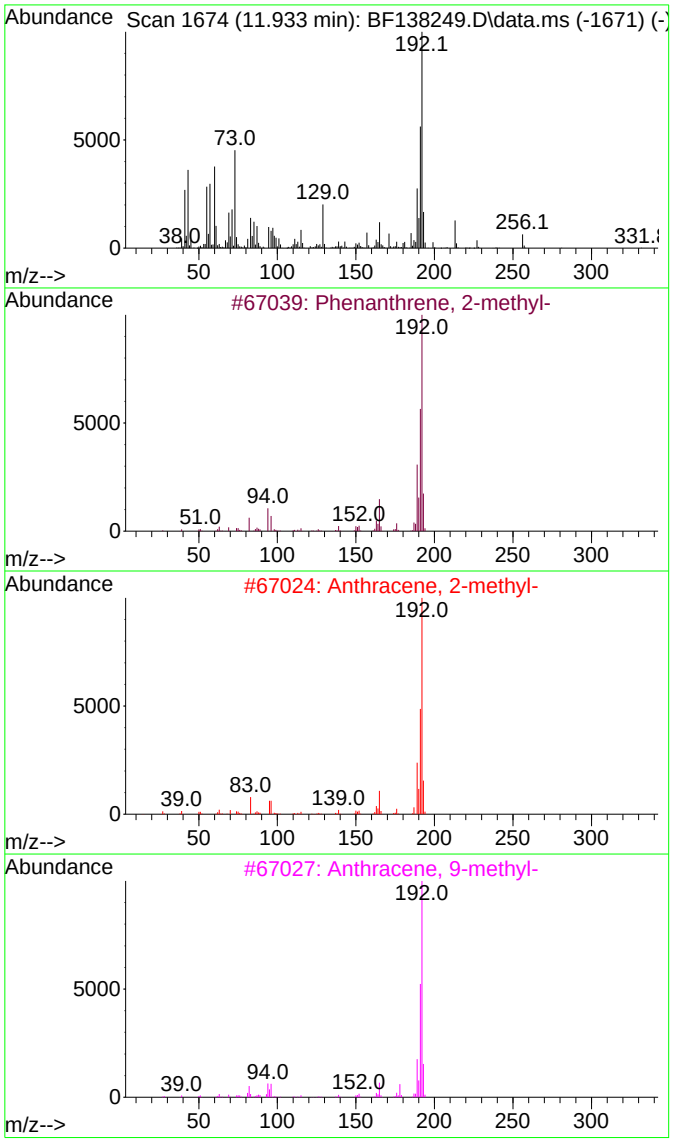
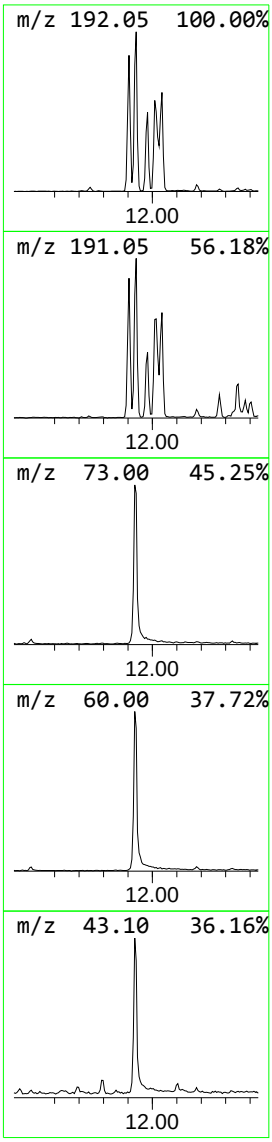
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	12.47 ng	1308890	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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BNA_F
ClientSampleId :
WCS-TPE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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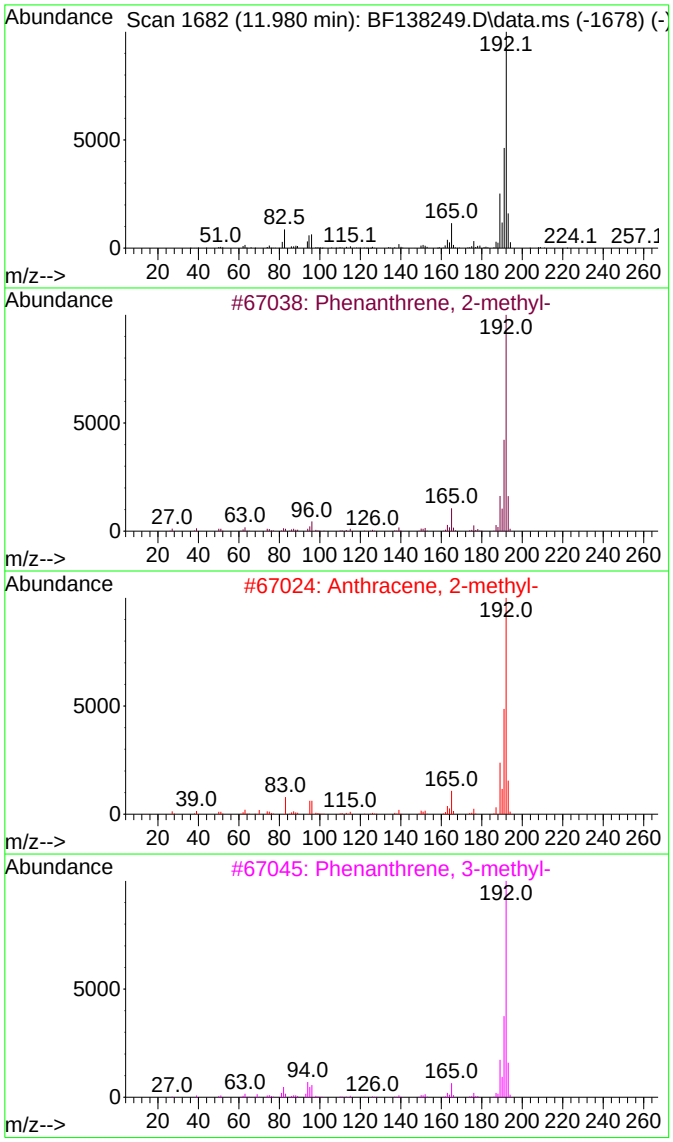
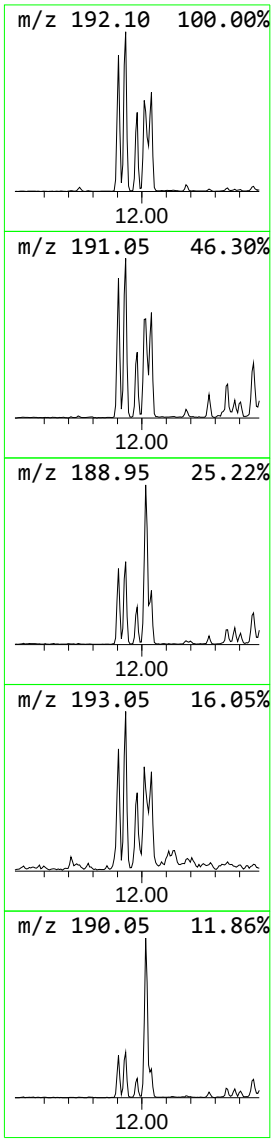
Peak Number 9 Phenanthrene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	2.46 ng	258515	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Operator : CG\JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

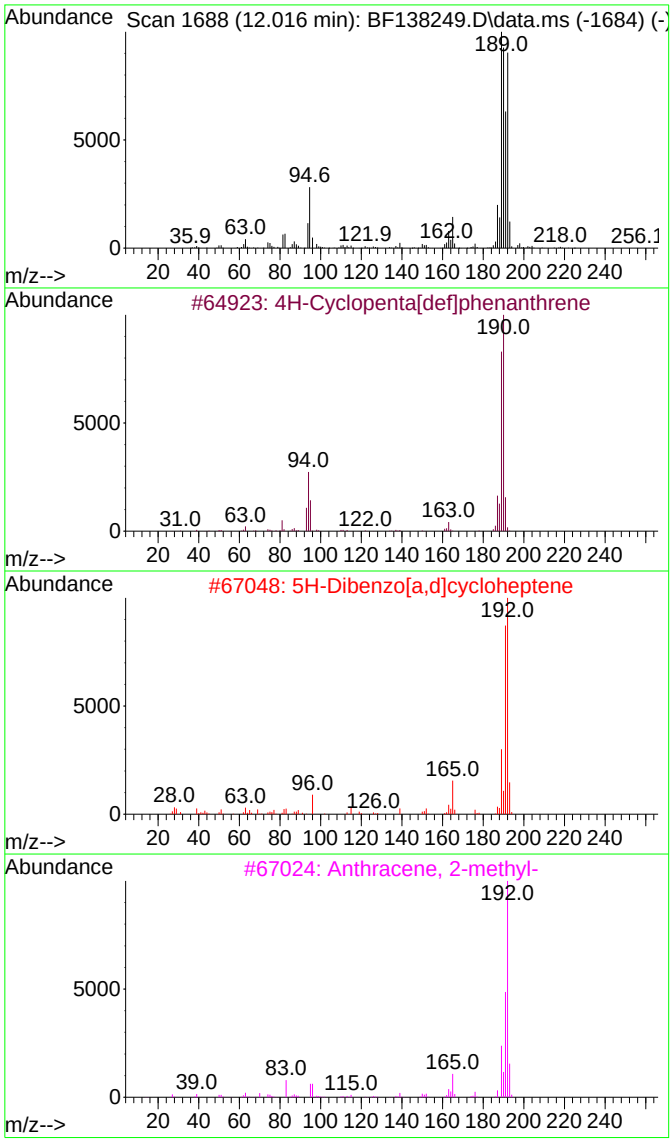
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

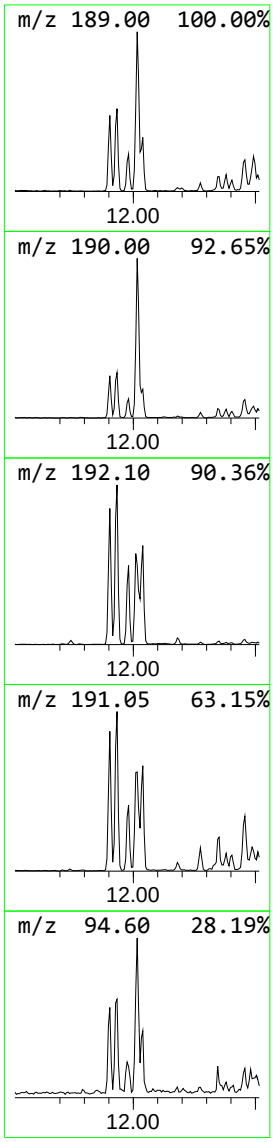
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	5.37 ng	563948	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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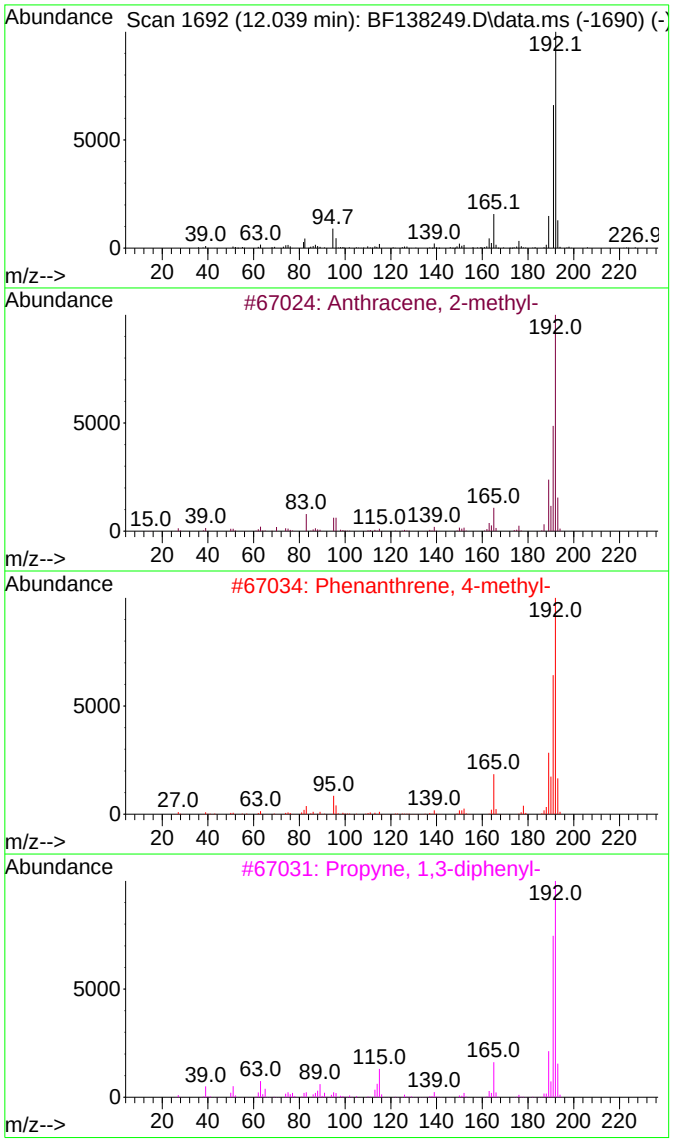
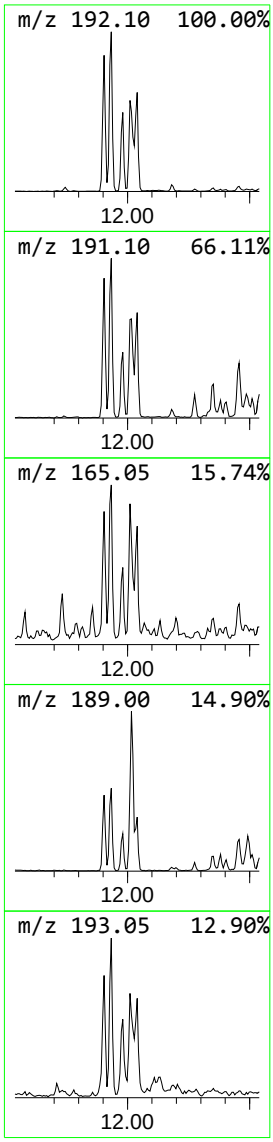
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	2.32 ng	243855	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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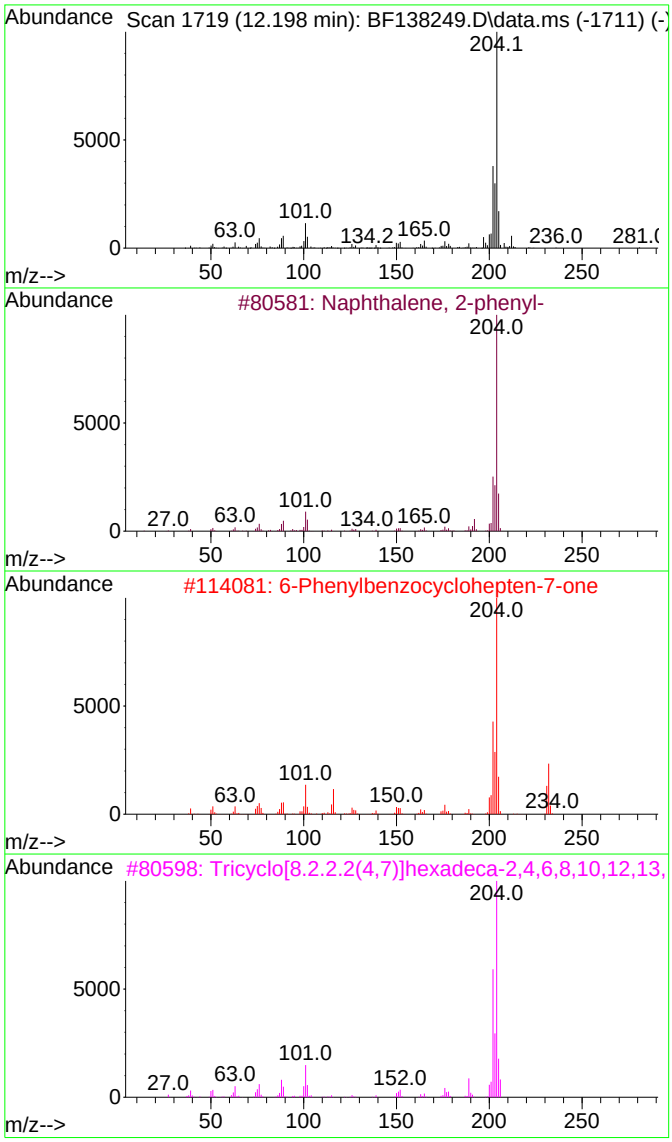
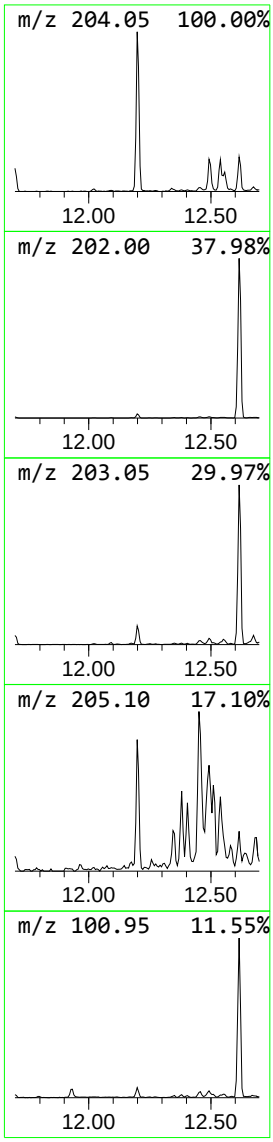
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.55 ng	267303	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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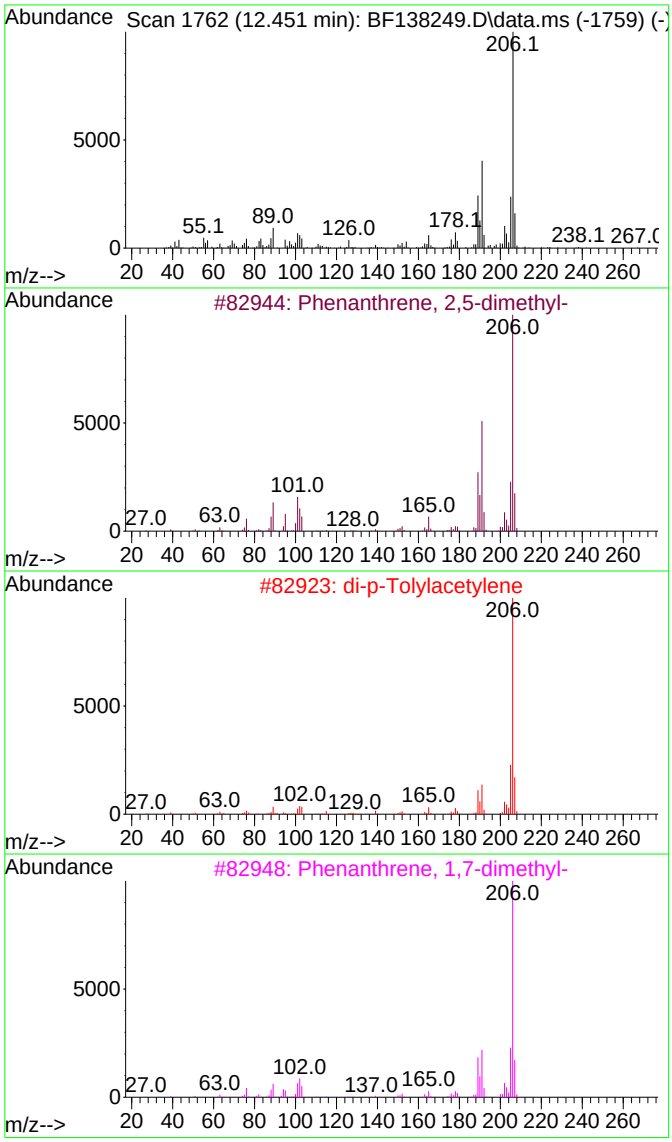
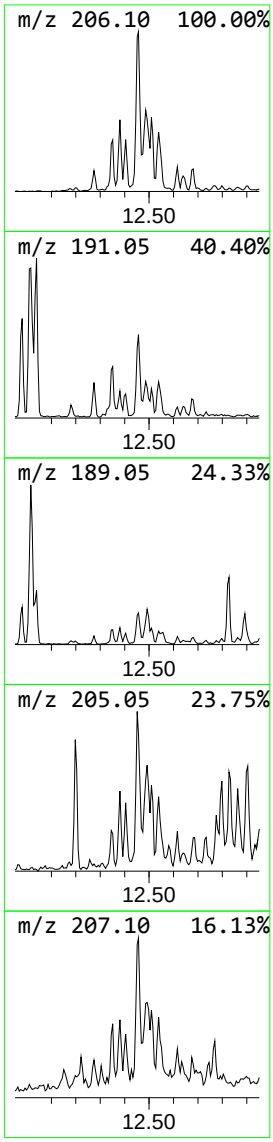
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	3.09 ng	324783	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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

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

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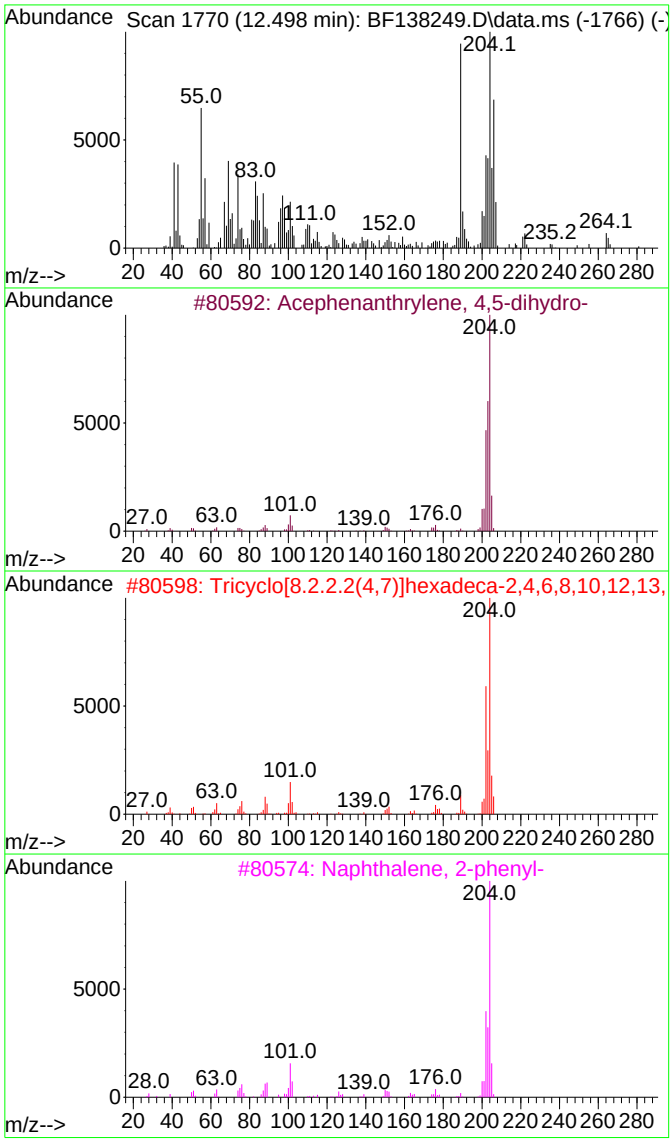
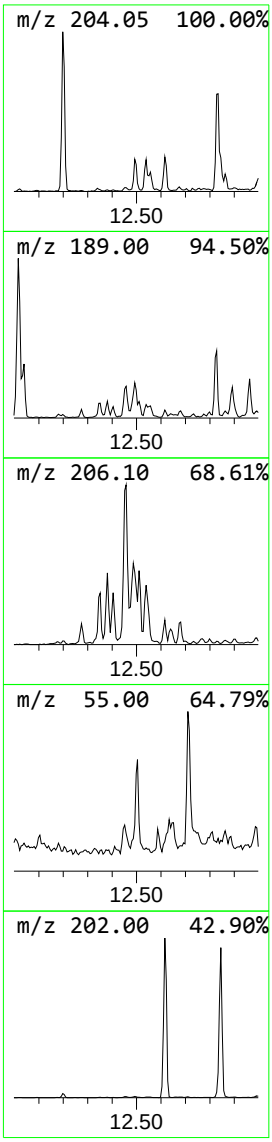
Peak Number 14 unknown12.498 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	3.74 ng	392340	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	42
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
4	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	38
5	2-Acetyl-3,7-dimethylbenzo(b)thi...	204	C12H12OS	006179-06-2	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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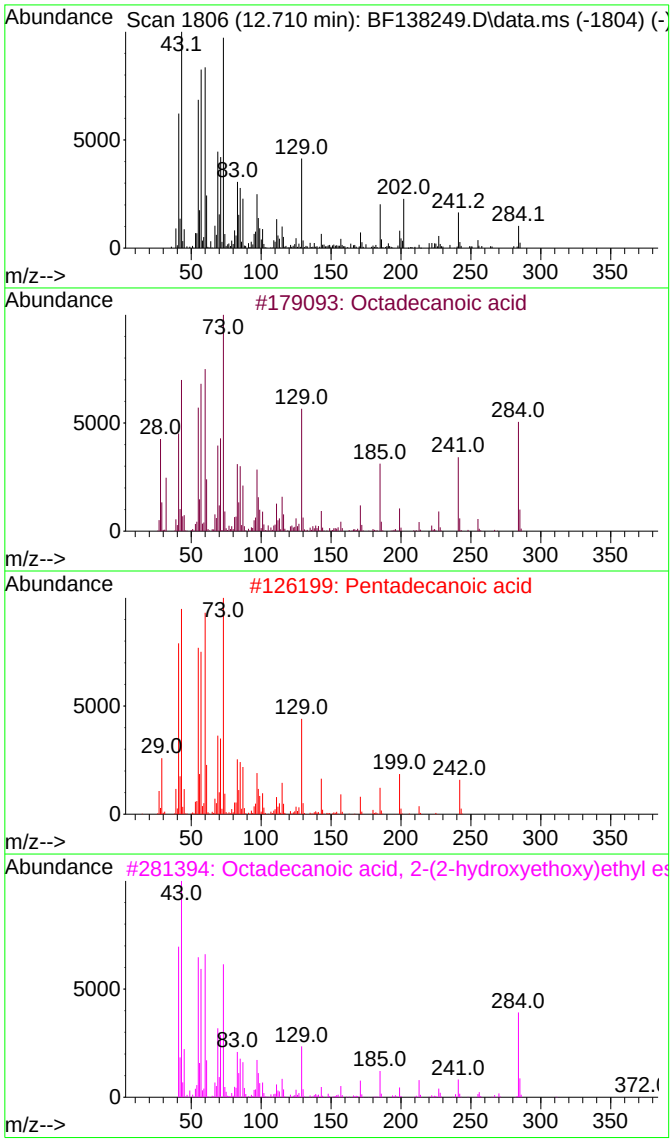
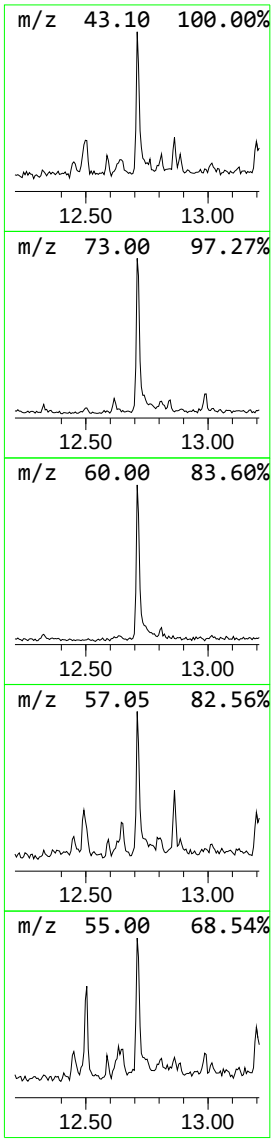
Peak Number 15 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	2.38 ng	250017	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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TIC Library : C:\Database\NIST20.L
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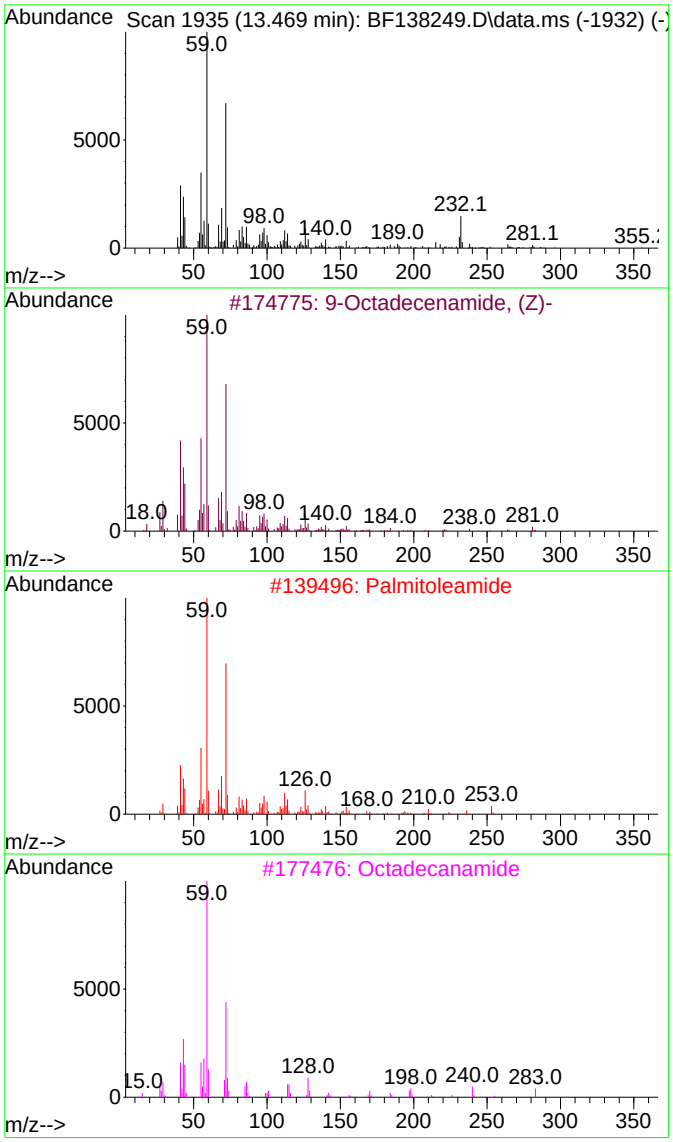
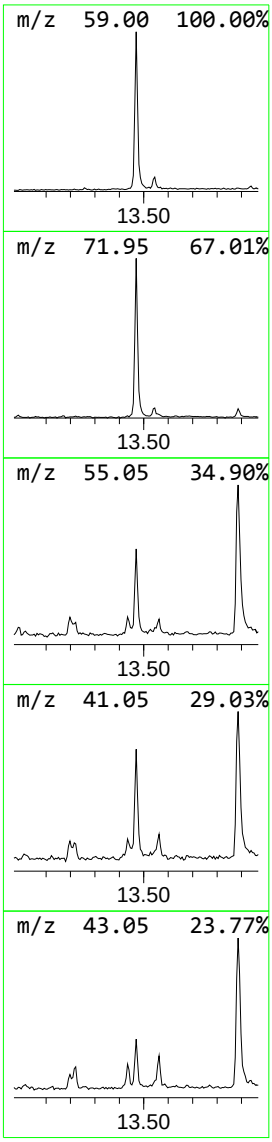
Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	2.57 ng	396071	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Palmitoleamide	253	C16H31NO	106010-22-4	72
3	Octadecanamide	283	C18H37NO	000124-26-5	59
4	Silane, hexyl-	116	C6H16Si	001072-14-6	52
5	Hydrazine, 1,1-dimethyl-2-(1-met...	116	C6H16N2	054007-24-8	43





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TIC Library : C:\Database\NIST20.L
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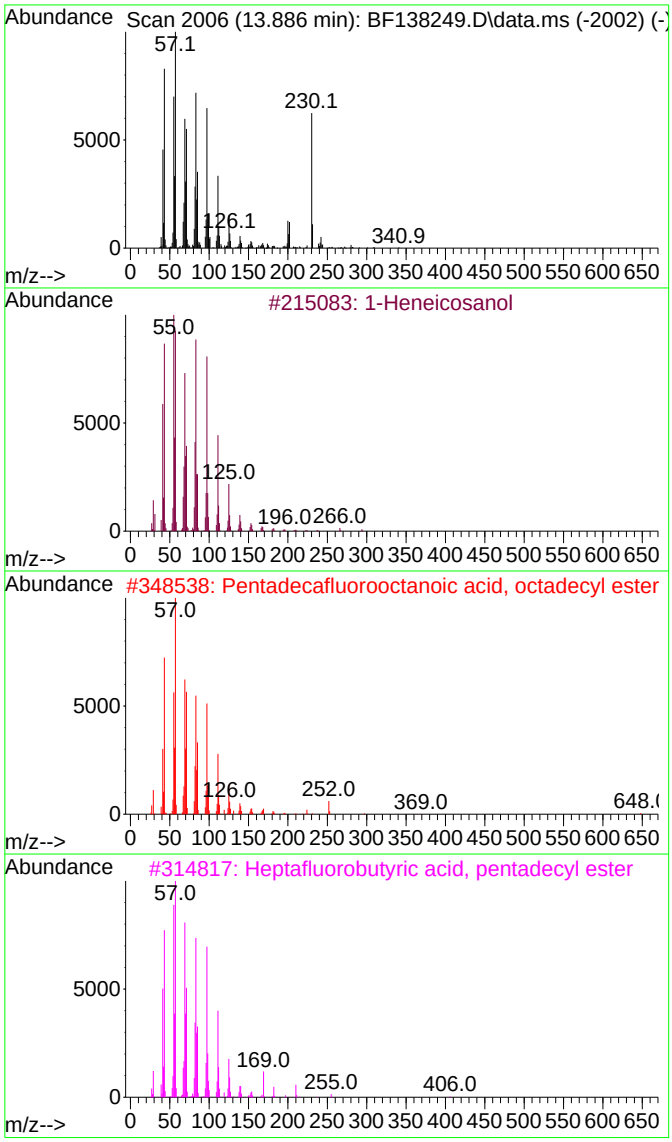
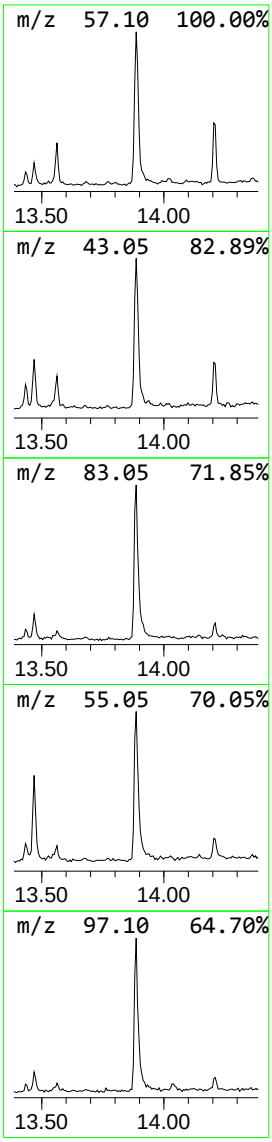
Peak Number 17 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	5.22 ng	803583	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	86
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	78
4	Behenic alcohol	326	C22H46O	000661-19-8	78
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	70





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Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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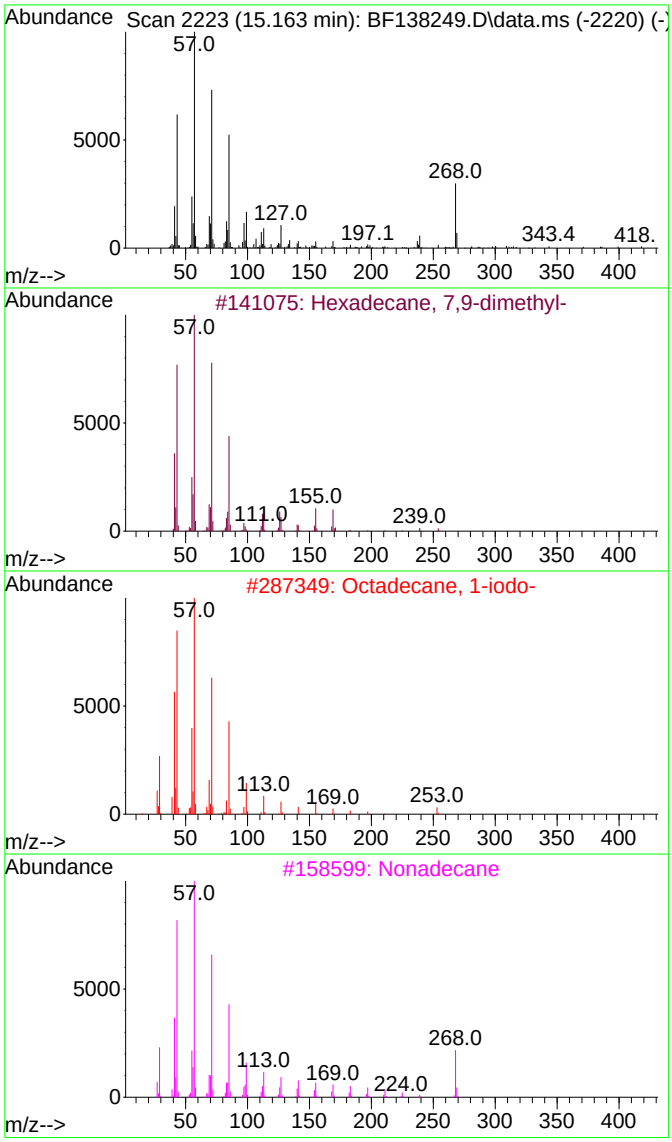
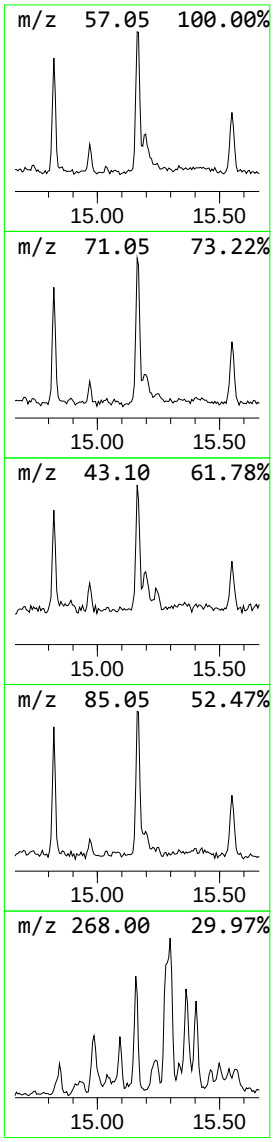
Peak Number 18 Hexadecane, 7,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.163	2.41 ng	170246	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	81
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Pentacosane	352	C25H52	000629-99-2	80
5	Hexacosane	366	C26H54	000630-01-3	80





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Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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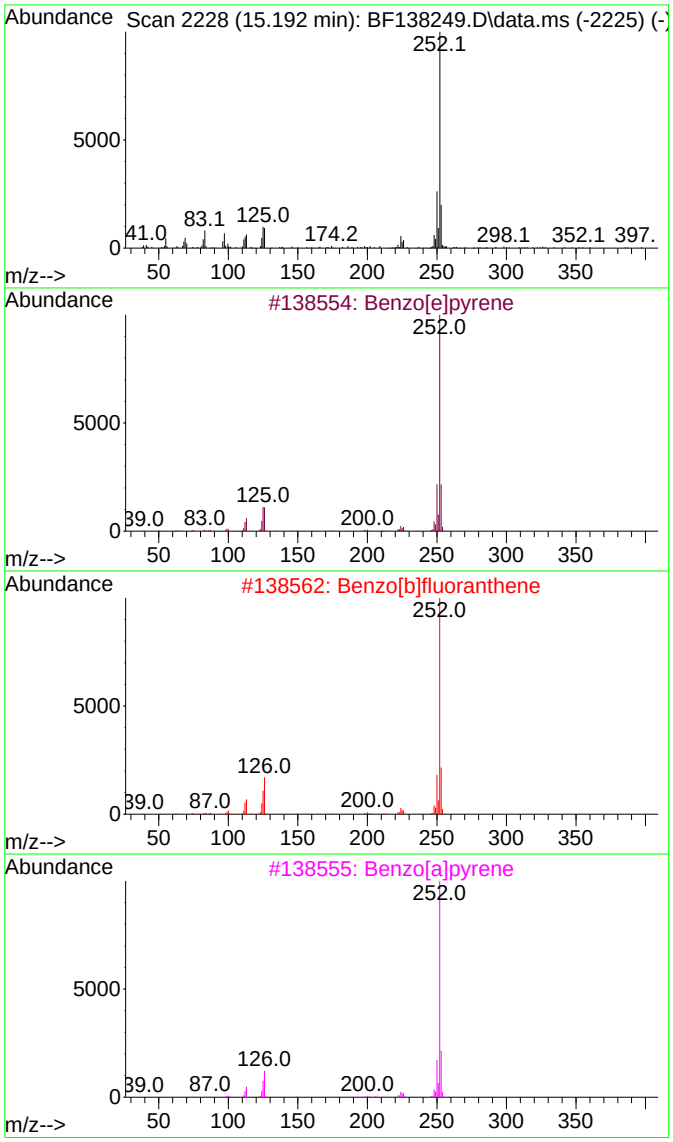
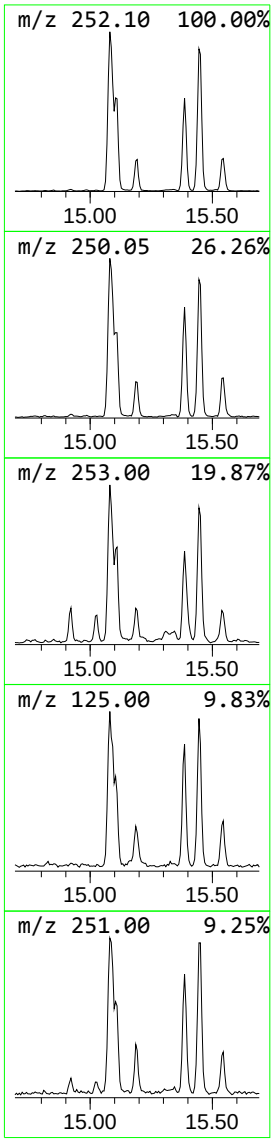
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	3.15 ng	222420	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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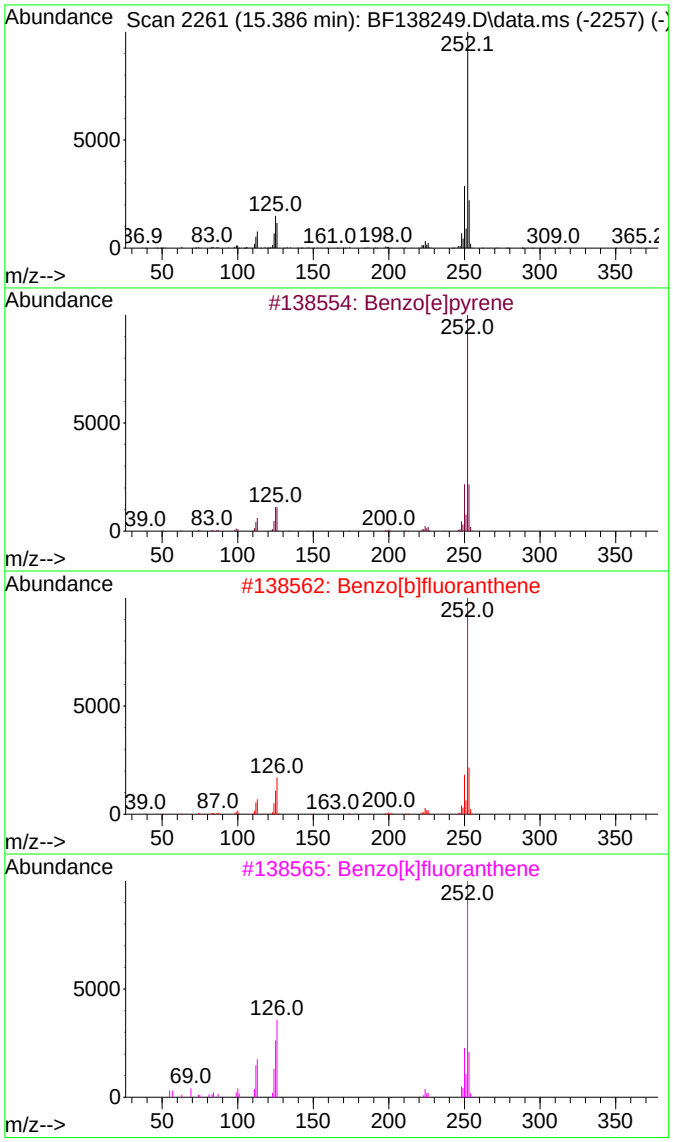
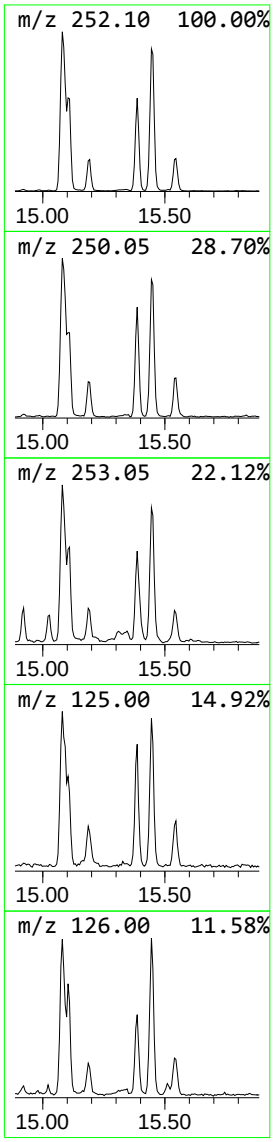
Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	6.64 ng	468668	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138249.D
Acq On : 19 Jun 2024 16:59
Operator : CG\JU
Sample : P2930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.205	62.7	ng	5775550	1	6.887	1842520	20.0
Propylene Glycol	3.457	10.4	ng	960940	1	6.887	1842520	20.0
2-Pentanone, 4-...	5.116	6.1	ng	561390	1	6.887	1842520	20.0
Ethanol, 2-(2-e...	6.710	5.9	ng	547021	1	6.887	1842520	20.0
1-Phenoxypropan...	8.475	6.7	ng	811202	2	8.163	2411590	20.0
unknown10.022	10.022	43.8	ng	5162470	3	9.916	2359600	20.0
Anthracene, 2-m...	11.904	3.5	ng	371892	4	11.404	2099020	20.0
Phenanthrene, 2...	11.933	12.5	ng	1308890	4	11.404	2099020	20.0
Phenanthrene, 3...	11.980	2.5	ng	258515	4	11.404	2099020	20.0
4H-Cyclopenta[d...	12.016	5.4	ng	563948	4	11.404	2099020	20.0
Phenanthrene, 4...	12.039	2.3	ng	243855	4	11.404	2099020	20.0
Naphthalene, 2-...	12.198	2.5	ng	267303	4	11.404	2099020	20.0
Phenanthrene, 2...	12.451	3.1	ng	324783	4	11.404	2099020	20.0
unknown12.498	12.498	3.7	ng	392340	4	11.404	2099020	20.0
Octadecanoic acid	12.710	2.4	ng	250017	4	11.404	2099020	20.0
9-Octadecenamid...	13.469	2.6	ng	396071	5	14.039	3078420	20.0
1-Heneicosanol	13.886	5.2	ng	803583	5	14.039	3078420	20.0
Hexadecane, 7,9...	15.163	2.4	ng	170246	6	15.515	1411220	20.0
Benzo[e]pyrene	15.192	3.1	ng	222420	6	15.515	1411220	20.0
Perylene	15.386	6.6	ng	468668	6	15.515	1411220	20.0