LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125975.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	13	rVB	2106593	2619417	53.87%	4.607%
2	5.469	570	575	578	rBV	4519366	4694874	96.55%	8.257%
3	6.481	741	747	750	rBV	4477612	4679151	96.23%	8.230%
4	6.857	807	811	814	rBV	1489180	1134430	23.33%	1.995%
5	7.416	901	906	909	rBV	3271140	3047983	62.68%	5.361%
6	8.039	1009	1012	1020	rBV	713267	627794	12.91%	1.104%
7	8.139	1025	1029	1032	rBV	1929801	1527002	31.40%	2.686%
8	9.216	1207	1212	1215	rBV	5547704	4862480	100.00%	8.552%
9	9.751	1300	1303	1308	rBV	83457	66817	1.37%	0.118%
10	9.892	1323	1327	1330	rBV	2078931	1615364	33.22%	2.841%
11	10.433	1416	1419	1426	rVB2	61354	67891	1.40%	0.119%
12	10.674	1456	1460	1464	rBV	3132712	2866674	58.95%	5.042%
13	10.804	1479	1482	1489	rVB5	67519	84238	1.73%	0.148%
14	11.269	1559	1561	1567	rVB	71755	68646	1.41%	0.121%
15	11.374	1575	1579	1581	rBV	1932762	1612879	33.17%	2.837%
16	11.398	1581	1583	1586	rVV	1057226	788477	16.22%	1.387%
17	11.445	1586	1591	1594	rVB	166242	166897	3.43%	0.294%
18	11.480	1594	1597	1601	rBV4	48125	59484	1.22%	0.105%
19	11.598	1612	1617	1620	rBV2	72409	94431	1.94%	0.166%
20	11.674	1628	1630	1633	rBV2	60729	58470	1.20%	0.103%
21	11.704	1633	1635	1639	rVB2	96841	72443	1.49%	0.127%
22	11.774	1644	1647	1654	rVB3	66158	103373	2.13%	0.182%
23	11.874	1661	1664	1666	rBV	305130	267111	5.49%	0.470%
24	11.904	1666	1669	1673	rVB	581413	464367	9.55%	0.817%
25	11.951	1673	1677	1679	rBV2	72763	66602	1.37%	0.117%
26	11.986	1679	1683	1685	rVV2	418549	404911	8.33%	0.712%
27	12.010	1685	1687	1691	rVB	242111	192647	3.96%	0.339%
28	12.080	1691	1699	1701	rBV8	47314	88794	1.83%	0.156%
29	12.169	1712	1714	1716	rBV	159482	146960	3.02%	0.258%
30	12.192	1716	1718	1722	rVB2	166246	143407	2.95%	0.252%
31	12.321	1738	1740	1742	rVB	92604	65529	1.35%	0.115%
32	12.351	1742	1745	1747	rBV	128205	101905	2.10%	0.179%
33	12.374	1747	1749	1752	rVB	105053	81637	1.68%	0.144%
34	12.427	1754	1758	1760	rBV	304567	286958	5.90%	0.505%
35	12.463	1760	1764	1766	rVV2	123804	168684	3.47%	0.297%
36	12.480	1766	1767	1769	rVB	119627	68388	1.41%	0.120%

LSC Area Percent Report

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Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.510	1769	1772	1777	rVB3	141570	182076	3.74%	0.320%
38	12.586	1781	1785	1789	rVB	2035744	1675819	34.46%	2.947%
39	12.633	1789	1793	1794	rBV	64366	59571	1.23%	0.105%
40	12.739	1808	1811	1814	rVB2	77862	72678	1.49%	0.128%
41	12.816	1818	1824	1827	rBV	1821364	1904395	39.17%	3.349%
42	12.874	1830	1834	1837	rVB2	115292	159062	3.27%	0.280%
43	12.933	1837	1844	1845	rBV2	133305	146255	3.01%	0.257%
44	12.963	1845	1849	1852	rVV	4491328	3960922	81.46%	6.966%
45	13.033	1856	1861	1864	rBV2	203819	280819	5.78%	0.494%
46	13.092	1868	1871	1873	rBV2	59736	62555	1.29%	0.110%
47	13.121	1873	1876	1877	rBV2	138395	153174	3.15%	0.269%
48	13.145	1877	1880	1882	rVB	314730	314429	6.47%	0.553%
49	13.210	1882	1891	1893	rBV	236017	296660	6.10%	0.522%
50	13.245	1893	1897	1900	rBV2	322097	305728	6.29%	0.538%
51	13.339	1910	1913	1915	rBV	209507	169759	3.49%	0.299%
52	13.368	1915	1918	1922	rVV	217168	185497	3.81%	0.326%
53	13.410	1922	1925	1928	rVB3	59203	68883	1.42%	0.121%
54	13.445	1928	1931	1936	rBV6	50453	73477	1.51%	0.129%
55	13.521	1941	1944	1945	rBV2	51982	57839	1.19%	0.102%
56	13.645	1959	1965	1970	rVB	199806	248396	5.11%	0.437%
57	13.763	1980	1985	1987	rBV2	209163	316993	6.52%	0.558%
58	13.792	1987	1990	1991	rVV	154315	150585	3.10%	0.265%
59	13.810	1991	1993	1997	rVV2	151123	185635	3.82%	0.326%
60	13.863	1997	2002	2008	rVB3	297576	492142	10.12%	0.866%
61	14.004	2022	2026	2030	rBV2	1922596	2680550	55.13%	4.715%
62	14.039	2030	2032	2037	rVB	990868	862979	17.75%	1.518%
63	14.098	2039	2042	2043	rBV3	82826	66458	1.37%	0.117%
64	14.115	2043	2045	2048	rVB	124525	76043	1.56%	0.134%
65	14.151	2048	2051	2053	rBV2	69936	61581	1.27%	0.108%
66	14.192	2056	2058	2061	rVB3	98356	101073	2.08%	0.178%
67	14.233	2061	2065	2069	rBV2	91080	144476	2.97%	0.254%
68	14.362	2085	2087	2089	rBV	82906	83558	1.72%	0.147%
69	14.398	2089	2093	2096	rVV	283909	312435	6.43%	0.550%
70	14.433	2096	2099	2103	rBV2	179646	150080	3.09%	0.264%
71	14.492	2107	2109	2112	rVV4	90590	98927	2.03%	0.174%
72	14.521	2112	2114	2116	rVV2	128661	109435	2.25%	0.192%
73	14.598	2121	2127	2133	rBV5	179424	391251	8.05%	0.688%
74	14.651	2133	2136	2141	rBV6	116707	231575	4.76%	0.407%
75	14.698	2142	2144	2147	rBV3	100259	116627	2.40%	0.205%
76	14.786	2155	2159	2164	rVB2	153041	221444	4.55%	0.389%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.880	2172	2175	2181	rVB3	178423	262930	5.41%	0.462%
78	15.051	2199	2204	2207	rBV	829560	1275845	26.24%	2.244%
79	15.157	2219	2222	2229	rVB	188133	238328	4.90%	0.419%
80	15.351	2251	2255	2261	rVB	536749	699644	14.39%	1.231%
81	15.415	2261	2266	2272	rBV	766835	927911	19.08%	1.632%
82	15.480	2272	2277	2280	rVV	978200	1252535	25.76%	2.203%
83	15.509	2280	2282	2289	rVB2	205659	304617	6.26%	0.536%
84	15.833	2334	2337	2345	rVB2	57072	99400	2.04%	0.175%
85	15.968	2355	2360	2364	rBV2	79351	140626	2.89%	0.247%
86	16.927	2517	2523	2532	rVB2	258158	520158	10.70%	0.915%
87	17.162	2560	2563	2567	rVB2	48087	64763	1.33%	0.114%
88	17.362	2592	2597	2607	rVB2	180604	371258	7.64%	0.653%

Sum of corrected areas: 56856971

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
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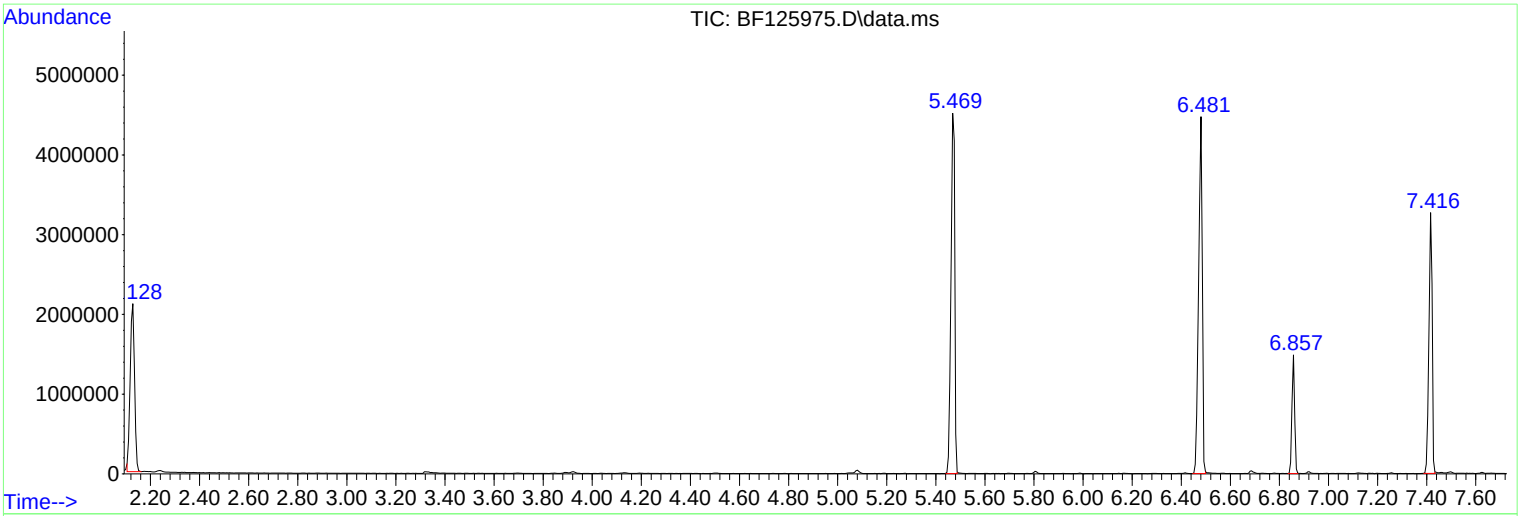
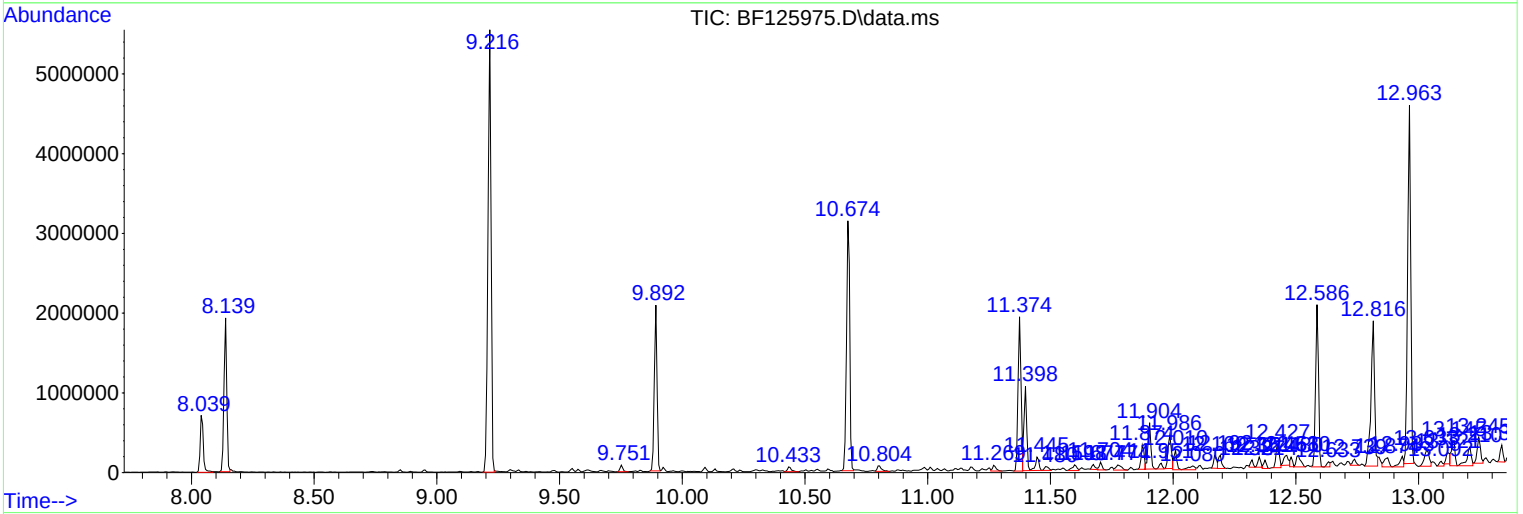
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

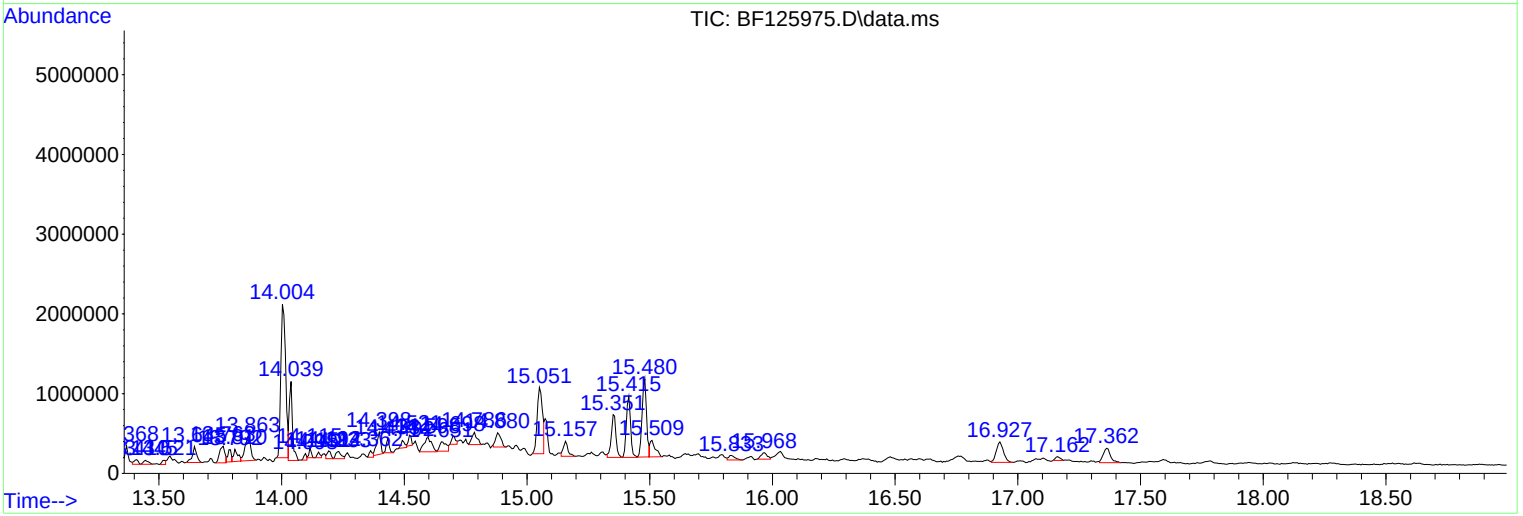
Instrument :
BNA_F
ClientSampleId :
VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

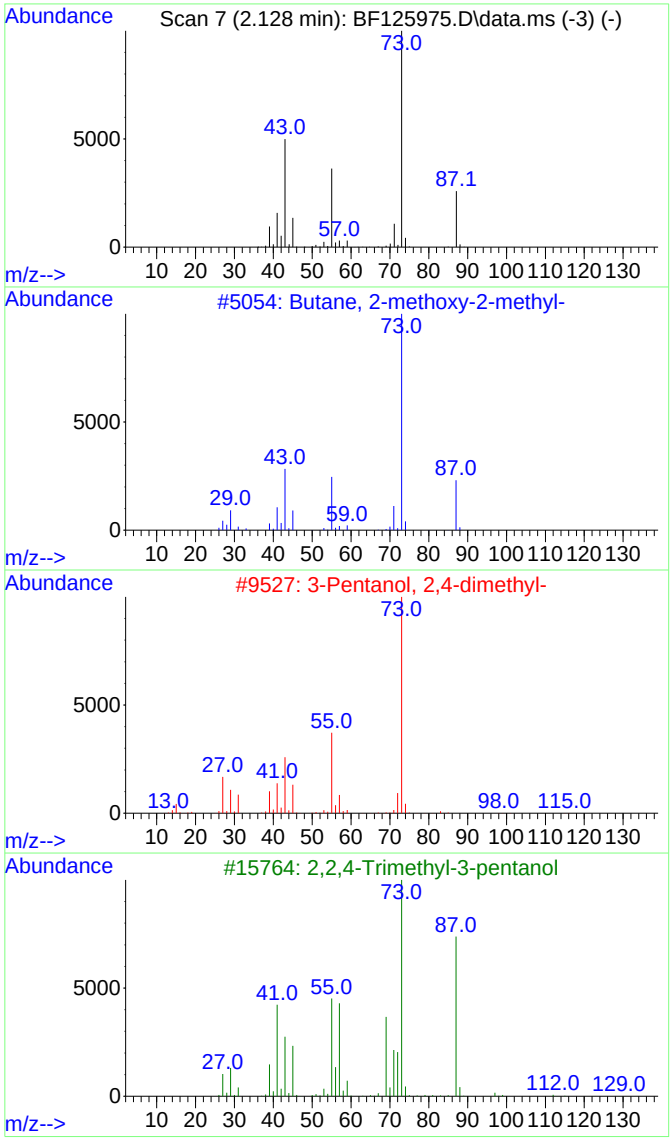
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

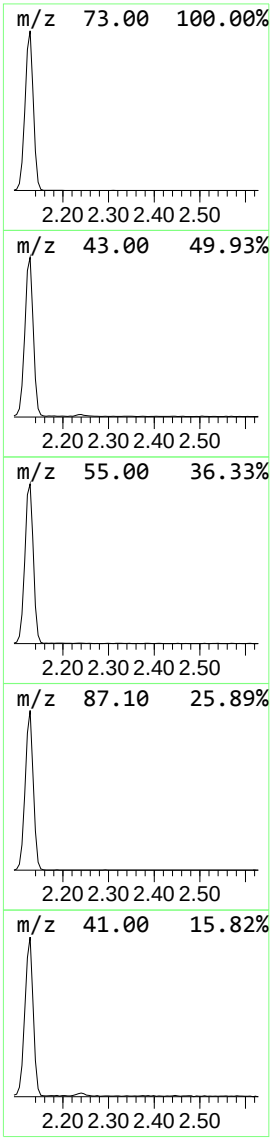
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	46.18 ng	2619420	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

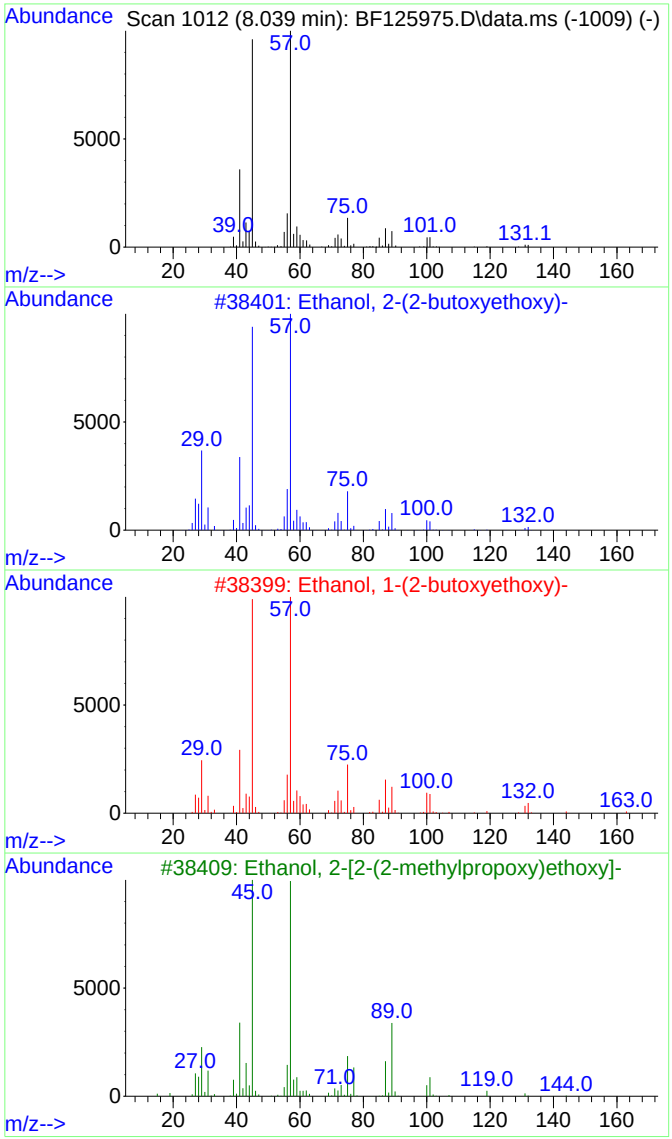
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

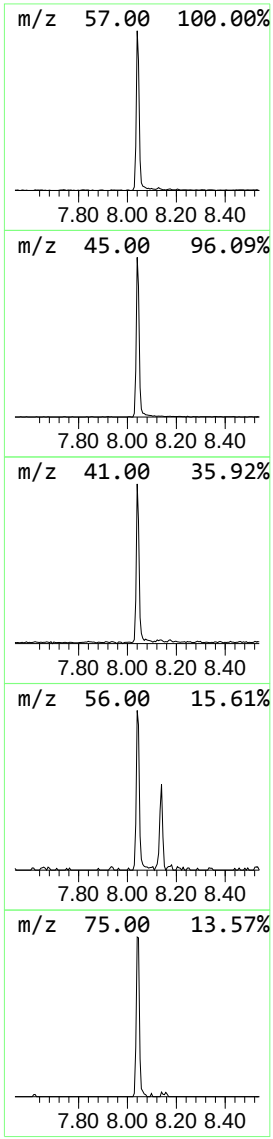
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.039	8.22 ng	627794	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53





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ALS Vial : 19 Sample Multiplier: 1

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BNA_F
ClientSampleId :
VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

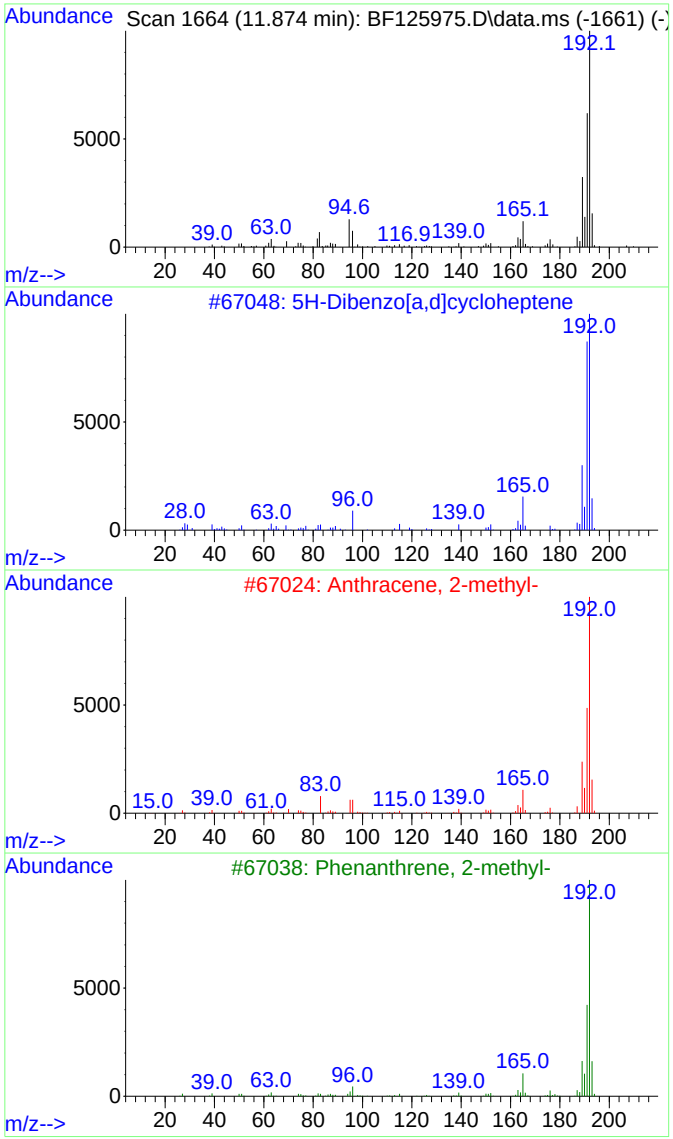
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

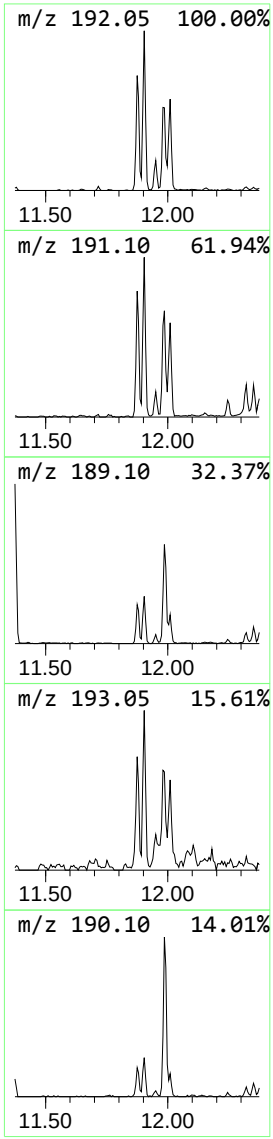
****

Peak Number 3 5H-Dibenzo[a,d]cycloheptene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	3.31 ng	267111	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

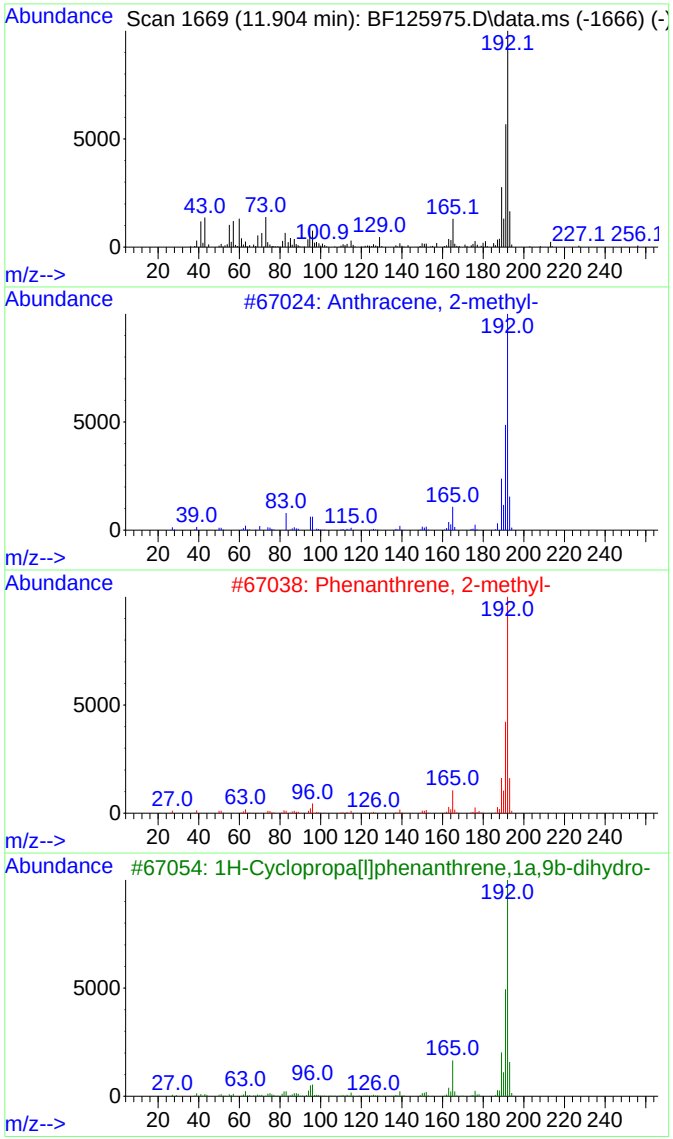
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

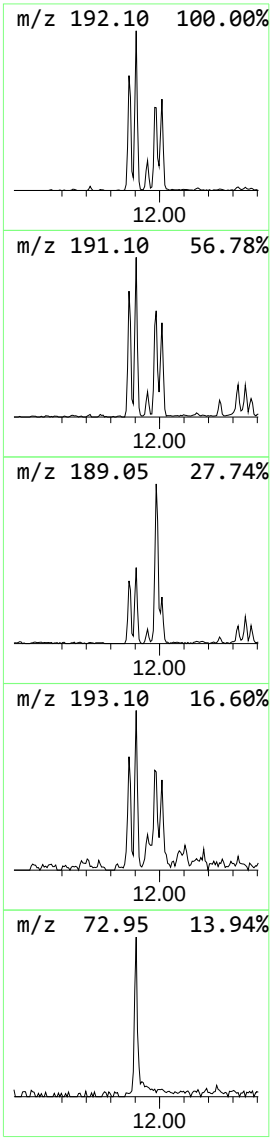
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	5.76 ng	464367	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-221

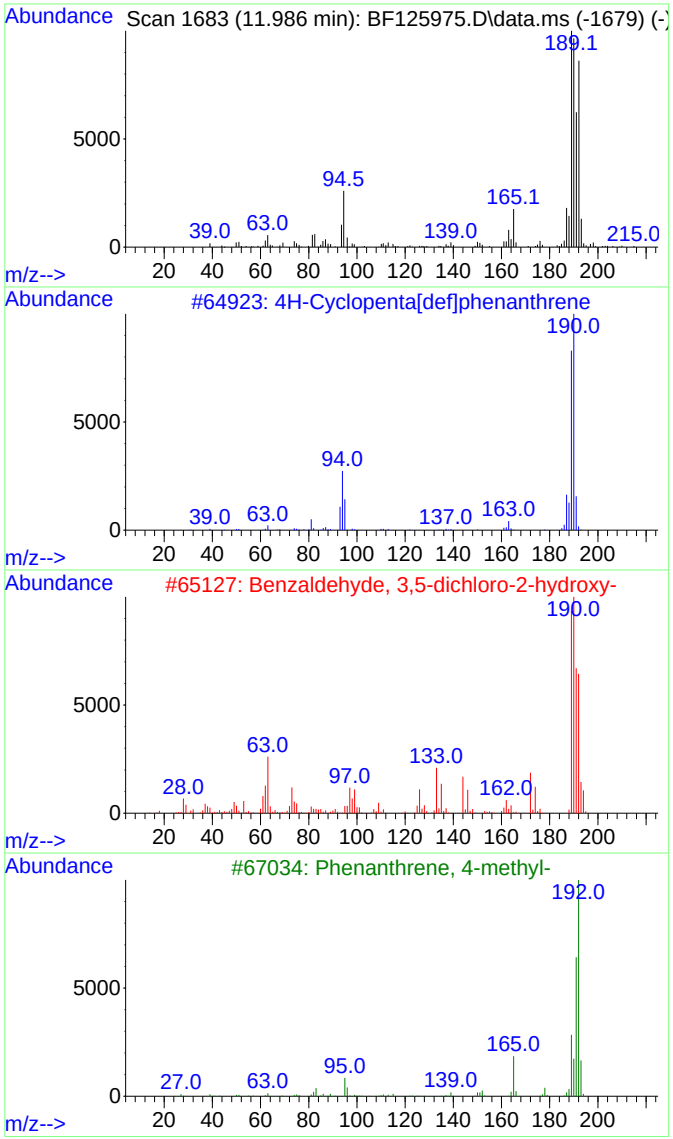
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

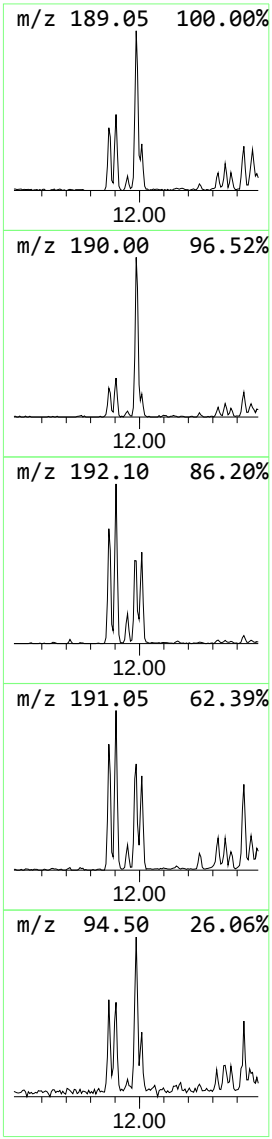
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	5.02 ng	404911	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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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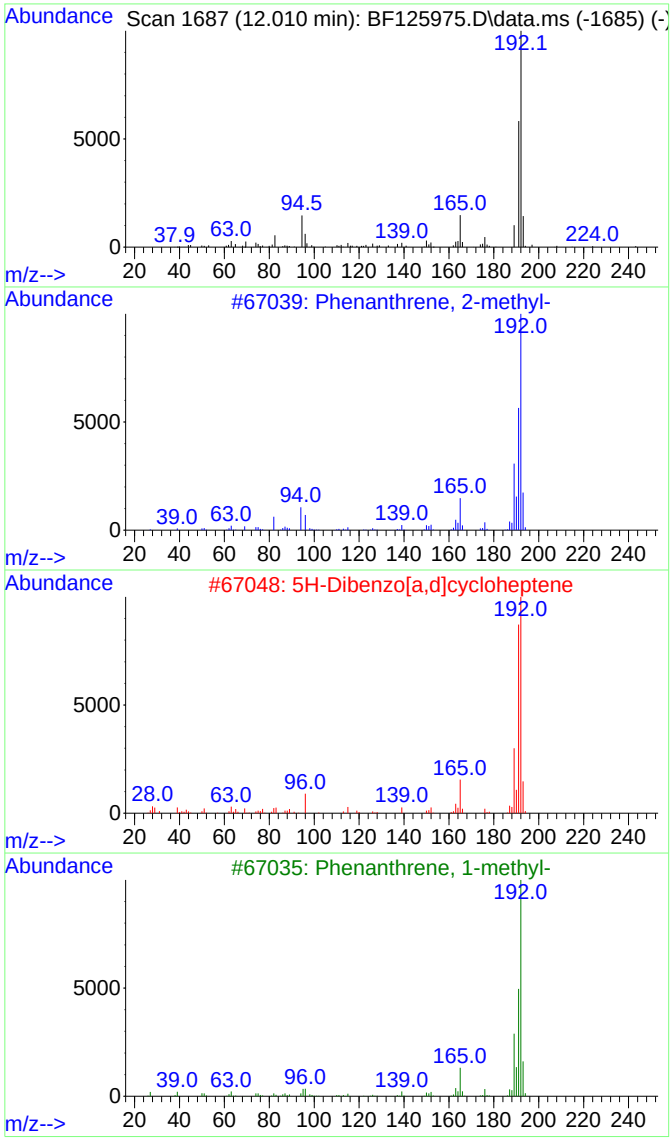
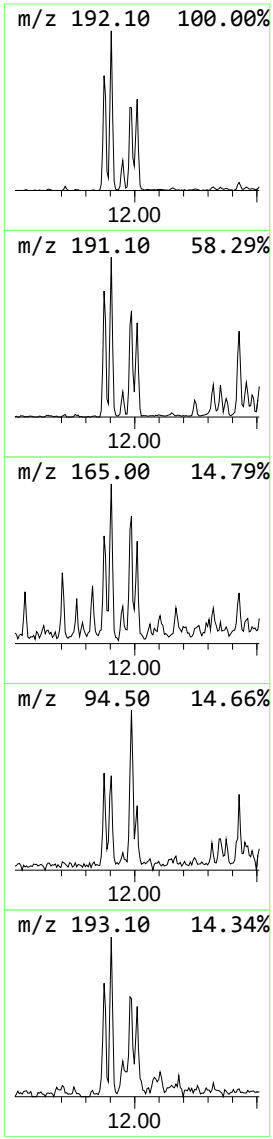
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.39 ng	192647	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Instrument : BNA_F
ClientSampleId : VNJ-221

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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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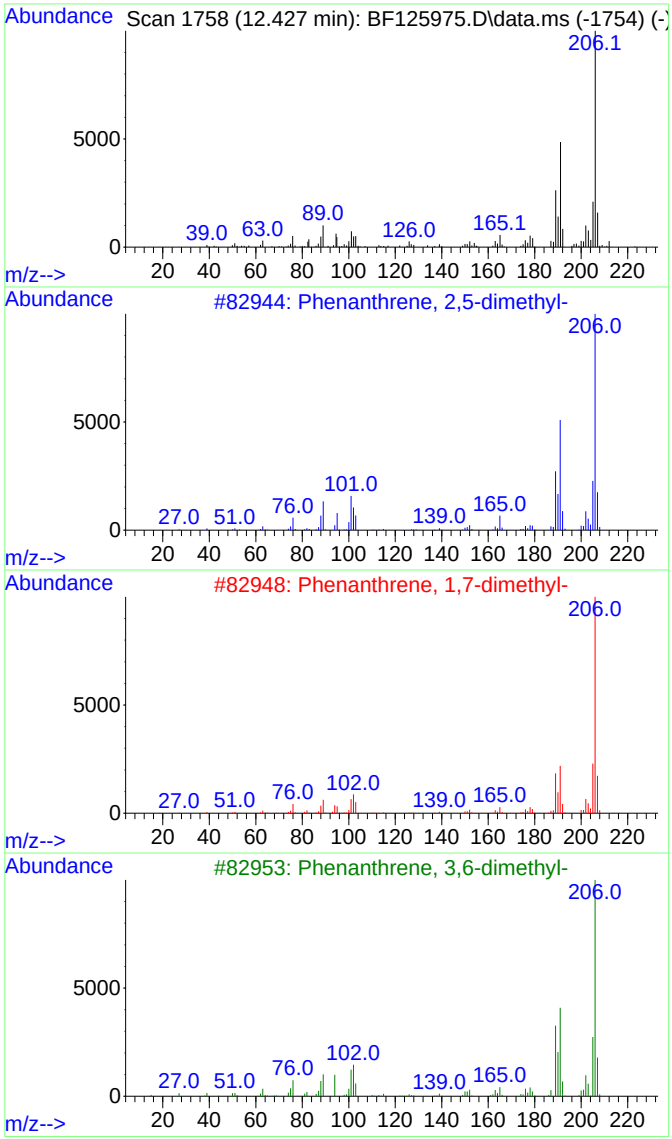
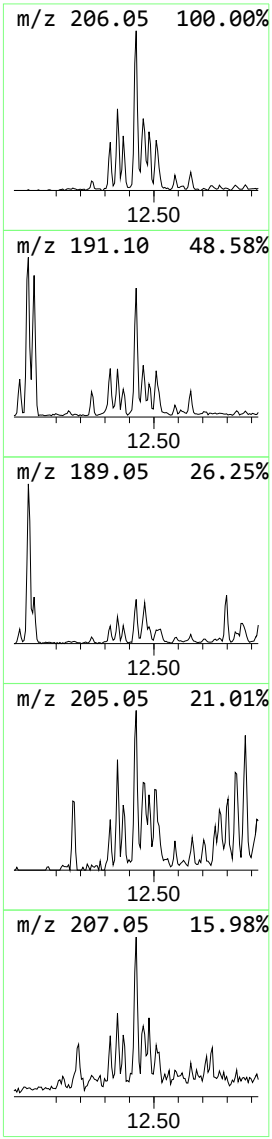
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	3.56 ng	286958	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Instrument :
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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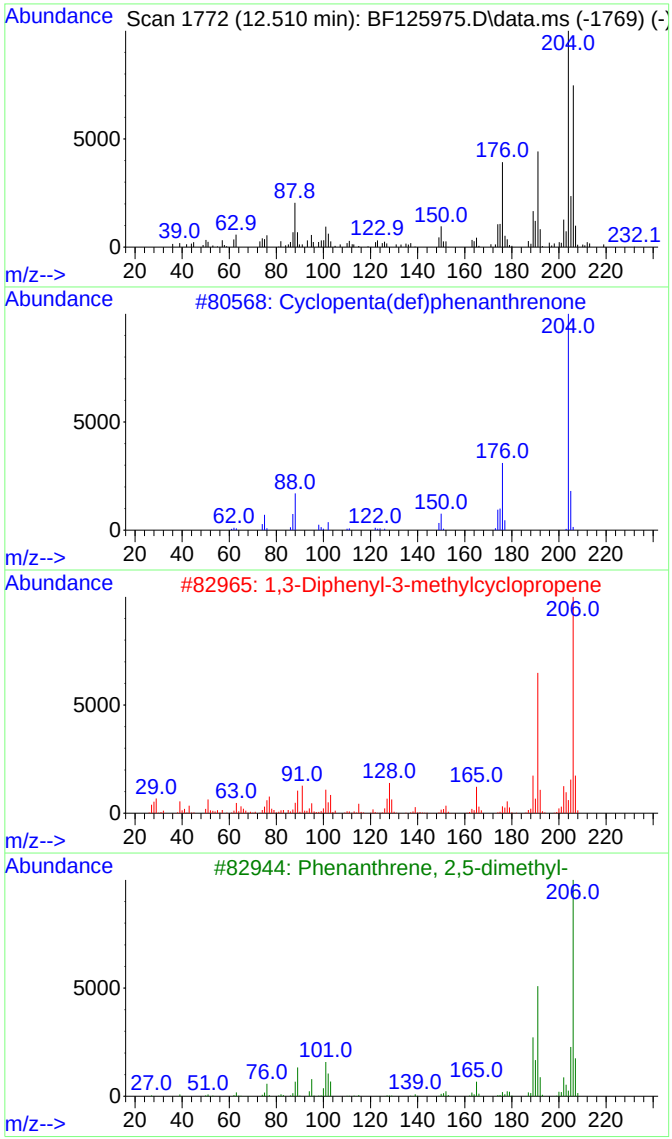
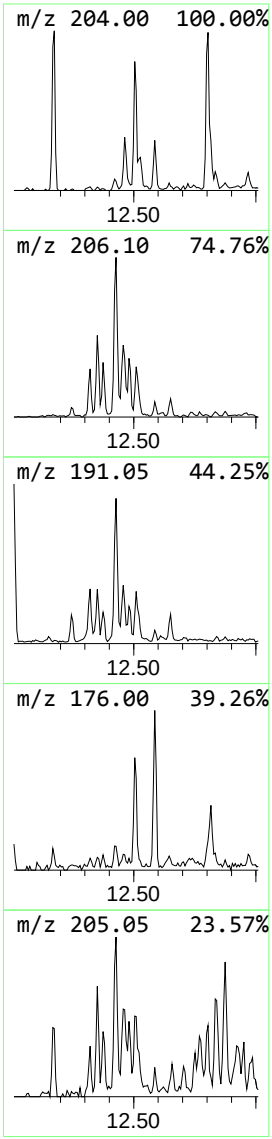
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.26 ng	182076	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	60
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	58
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	50





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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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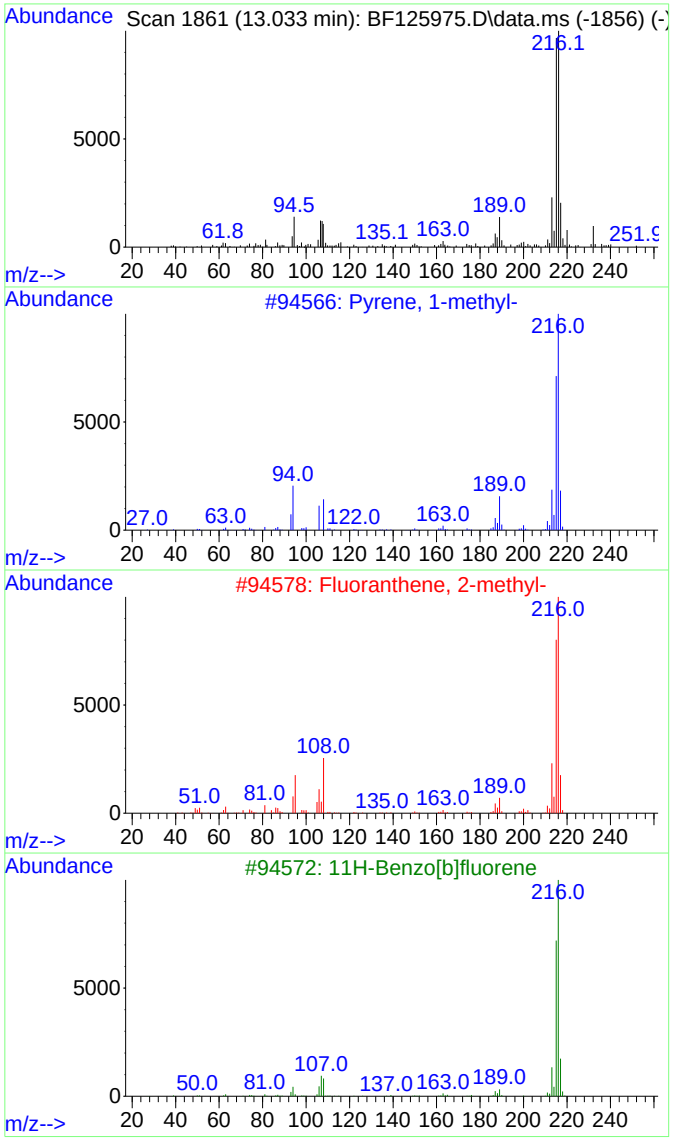
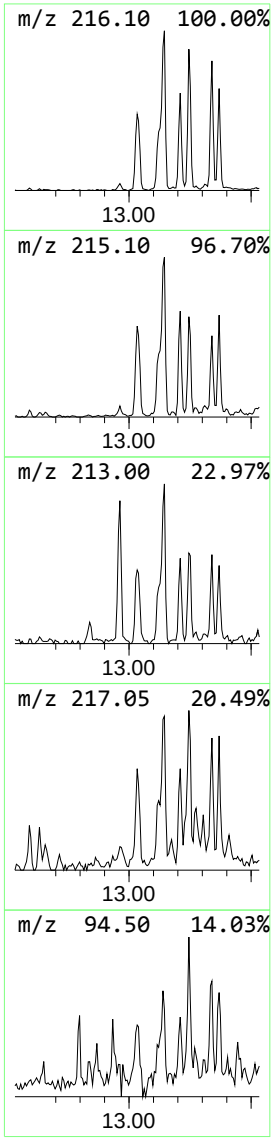
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	2.10 ng	280819	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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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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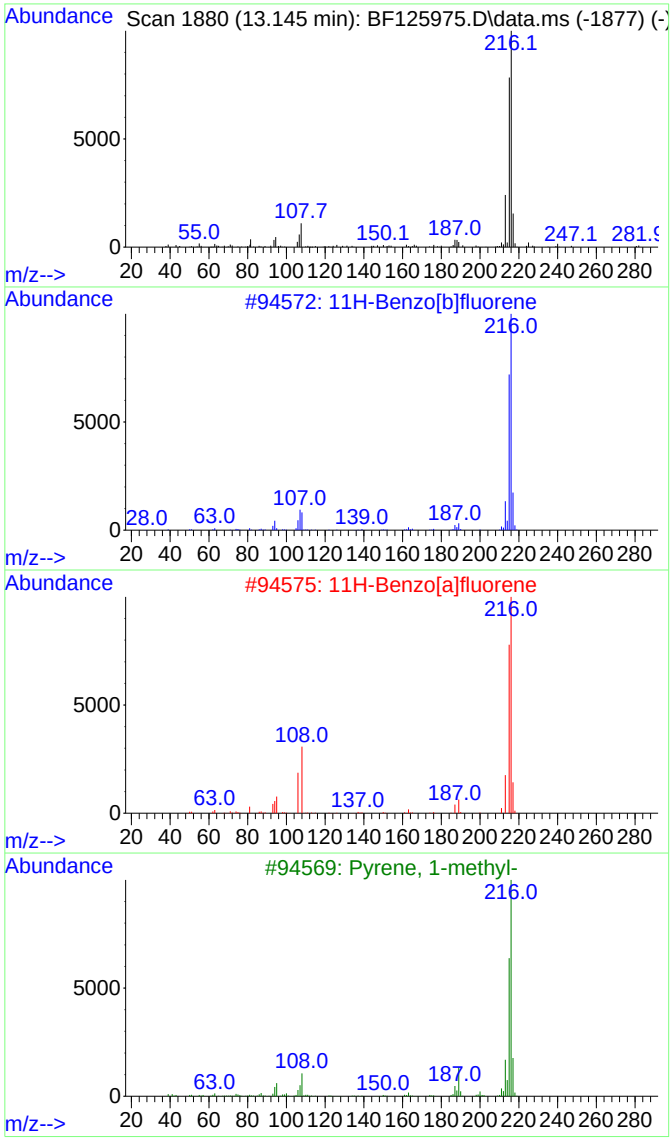
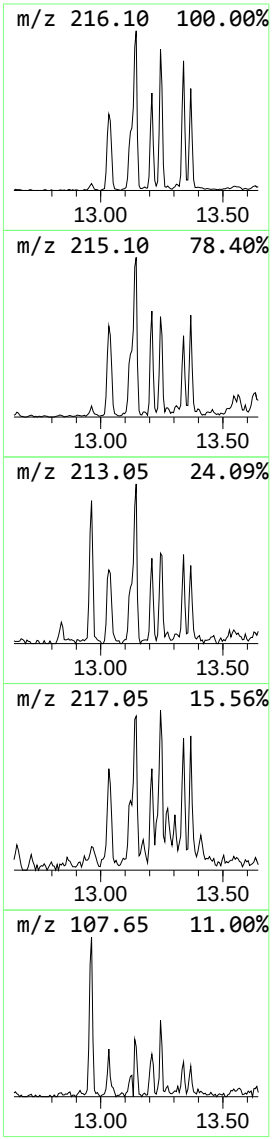
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	2.35 ng	314429	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : VNJ-221

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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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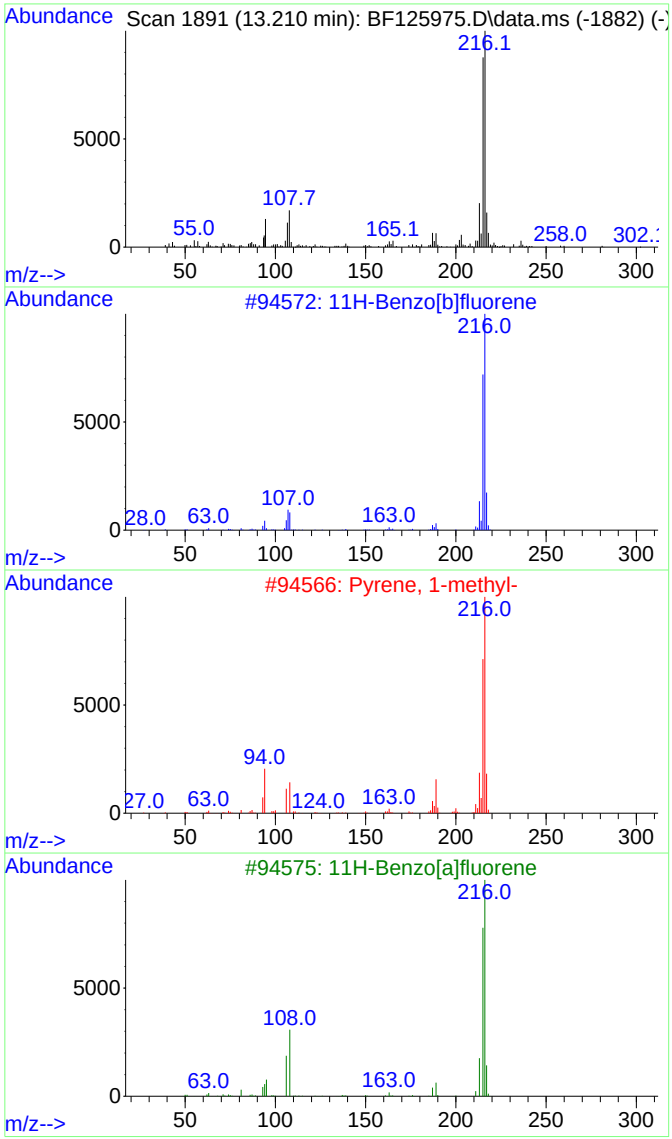
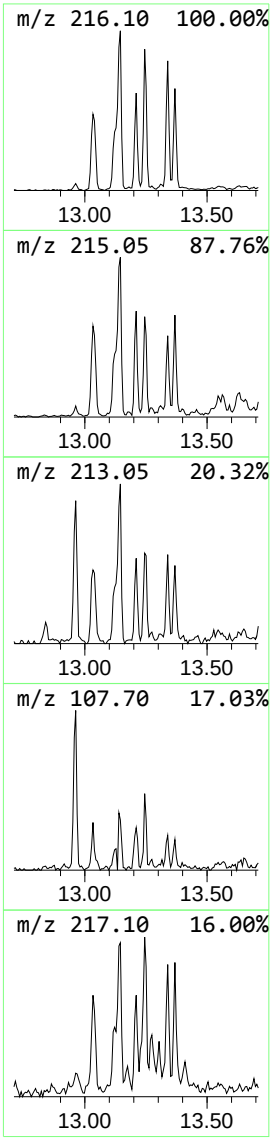
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.21 ng	296660	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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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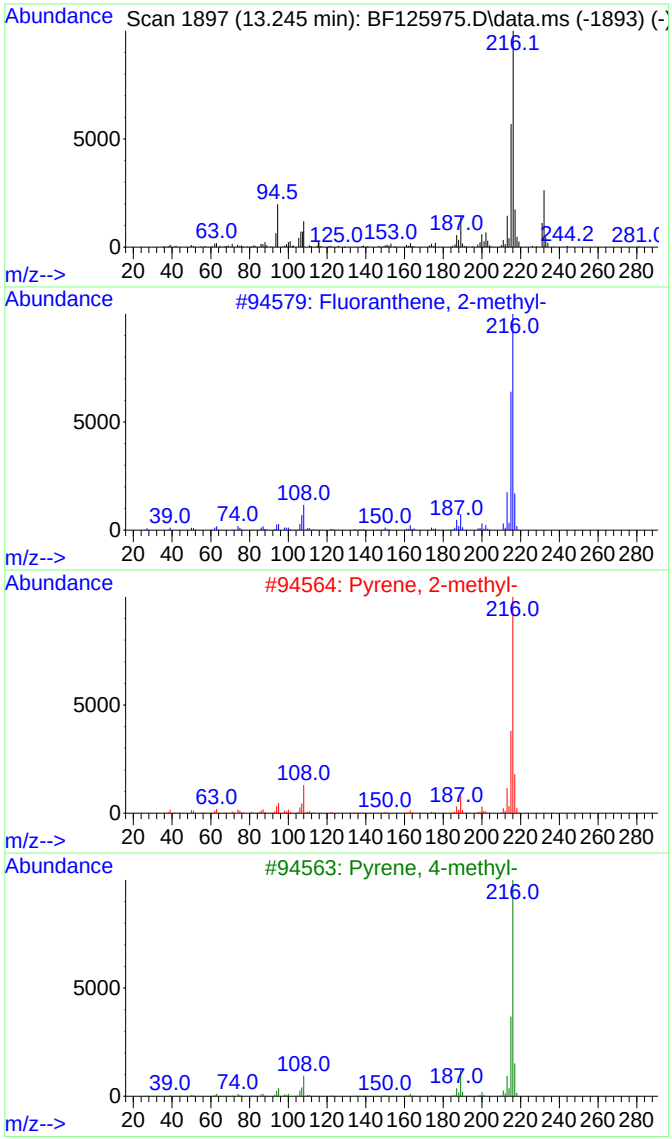
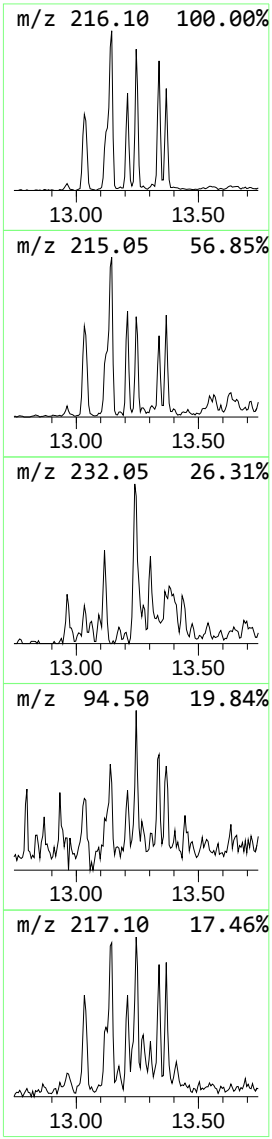
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	2.28 ng	305728	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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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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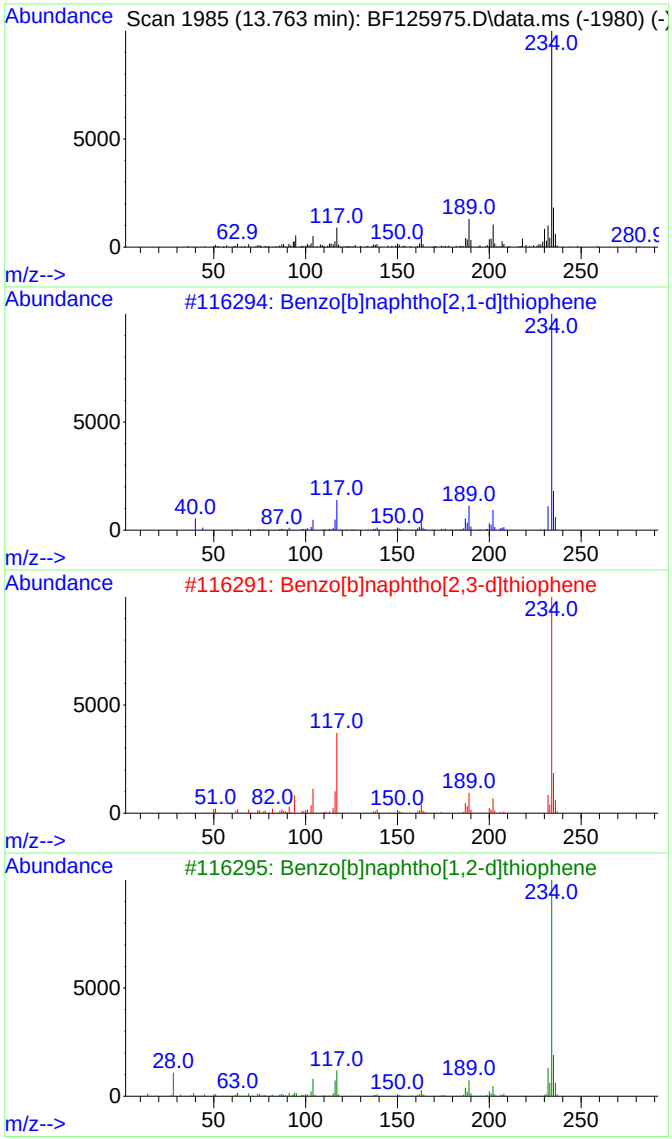
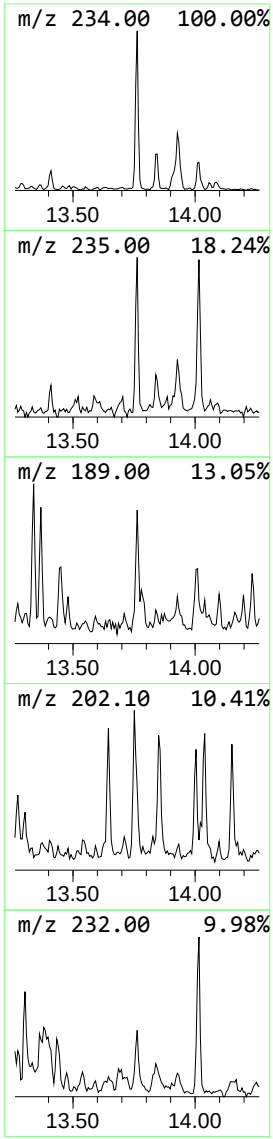
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.762	2.37 ng	316993	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	83
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	68





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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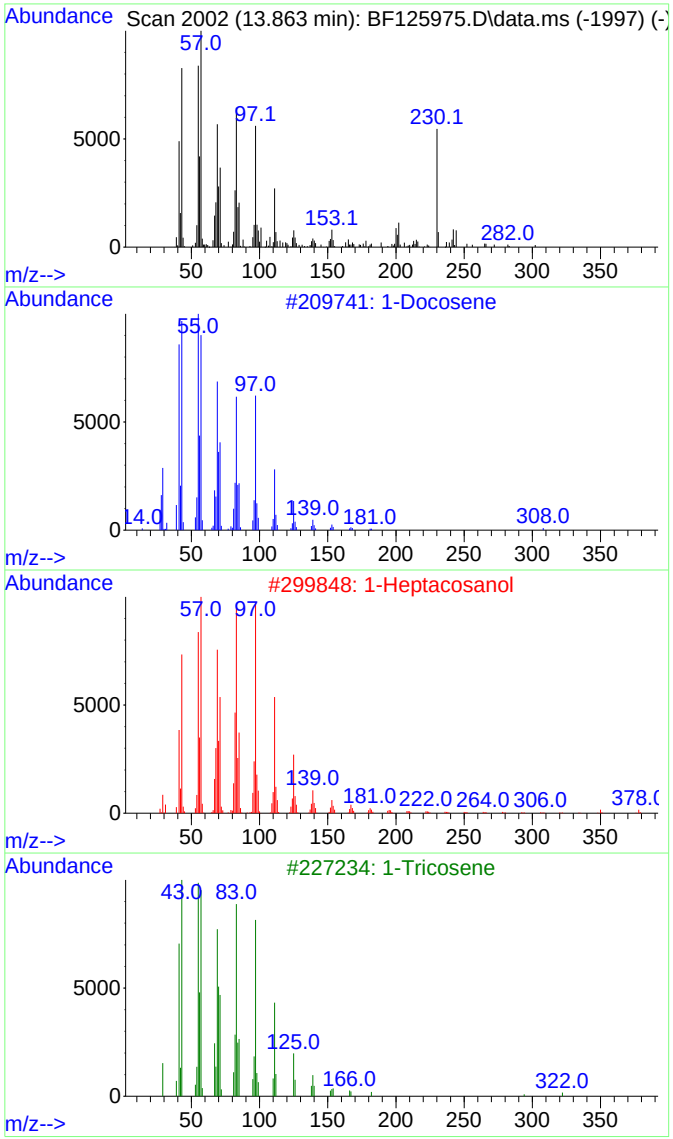
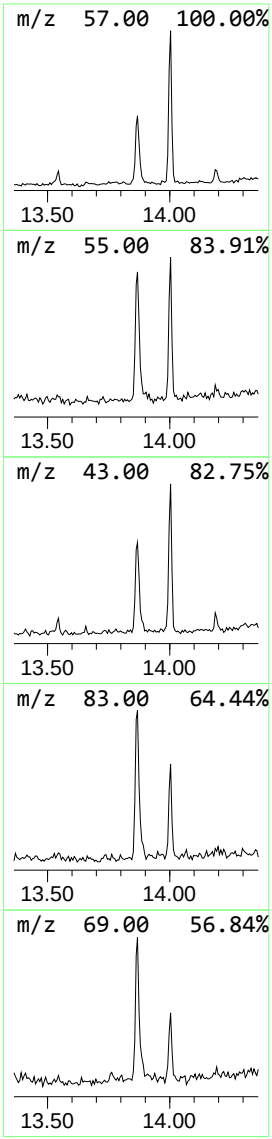
Peak Number 14 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	3.67 ng	492142	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	86
2	1-Heptacosanol	396	C27H56O	002004-39-9	70
3	1-Tricosene	322	C23H46	018835-32-0	64
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	62
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	62





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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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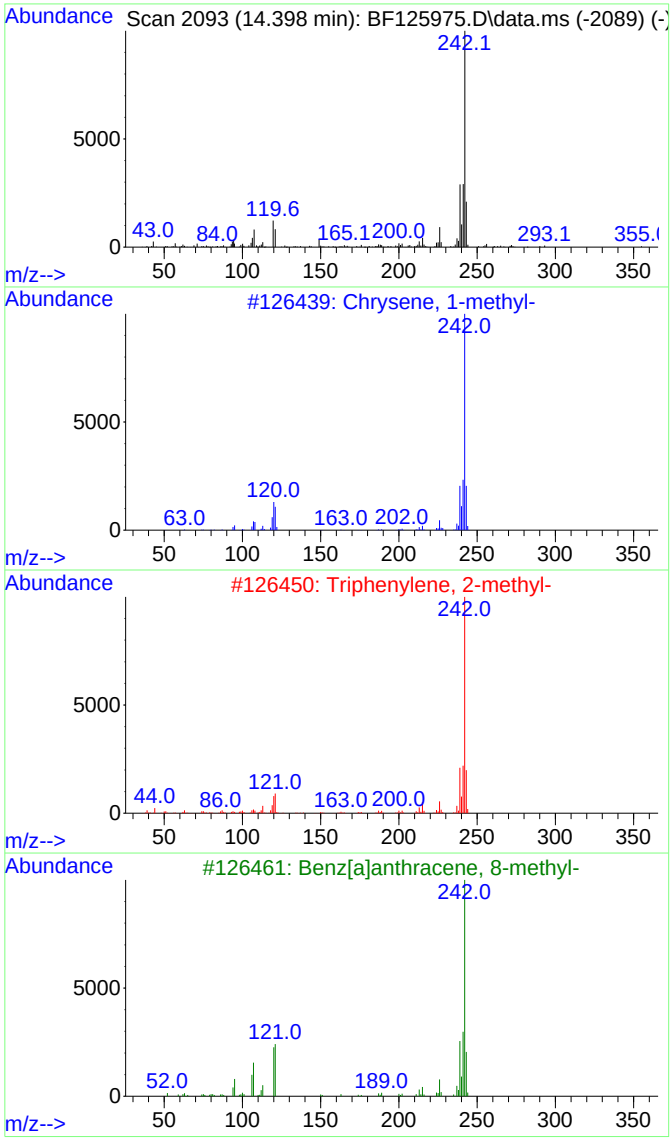
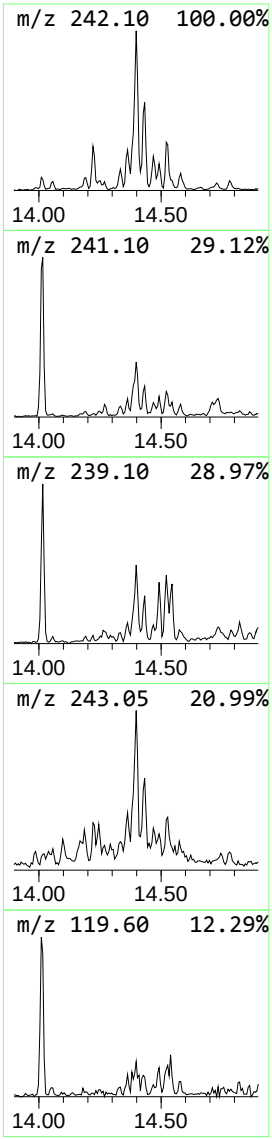
Peak Number 15 Chrysene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	2.33 ng	312435	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89





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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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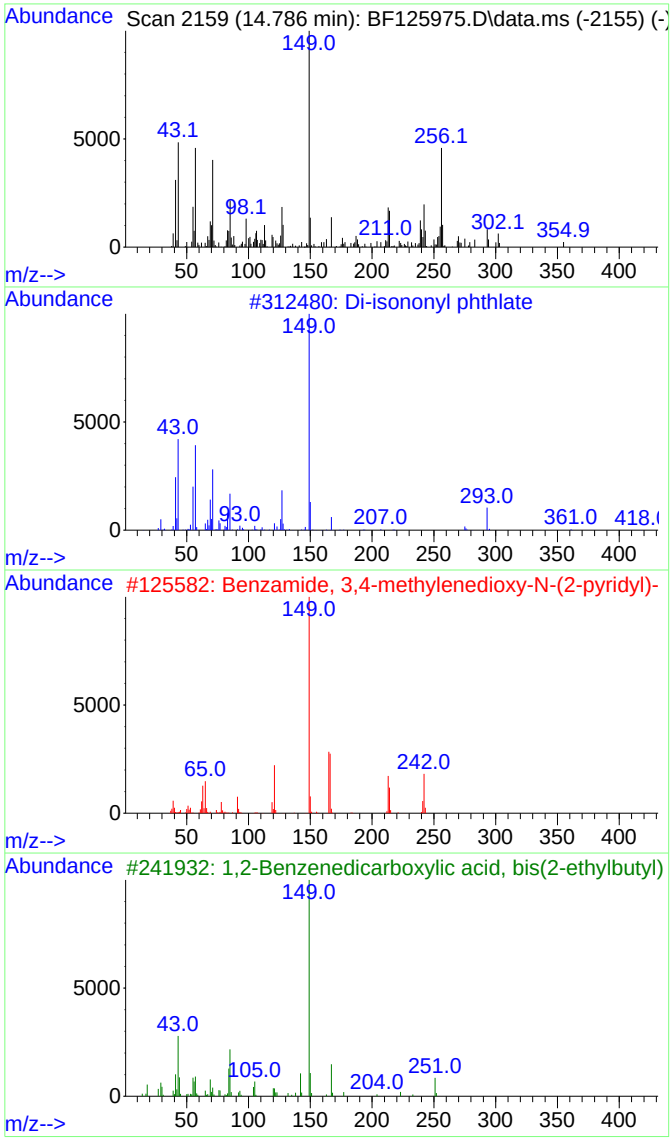
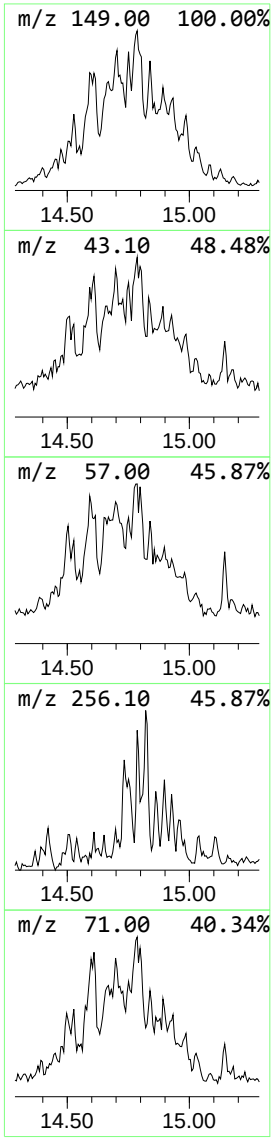
Peak Number 16 unknown14.786 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	3.54 ng	221444	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-isononyl phthlate	418	C26H42O4	020548-62-3	47
2	Benzamide, 3,4-methylenedioxy-N-...	242	C13H10N2O3	349114-12-1	38
3	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	007299-89-0	27
4	Phthalic acid, hept-4-yl hexyl e...	348	C21H32O4	1000356-78-7	27
5	Phthalic acid, dodecyl 4-methylp...	418	C26H42O4	1000356-88-2	27





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

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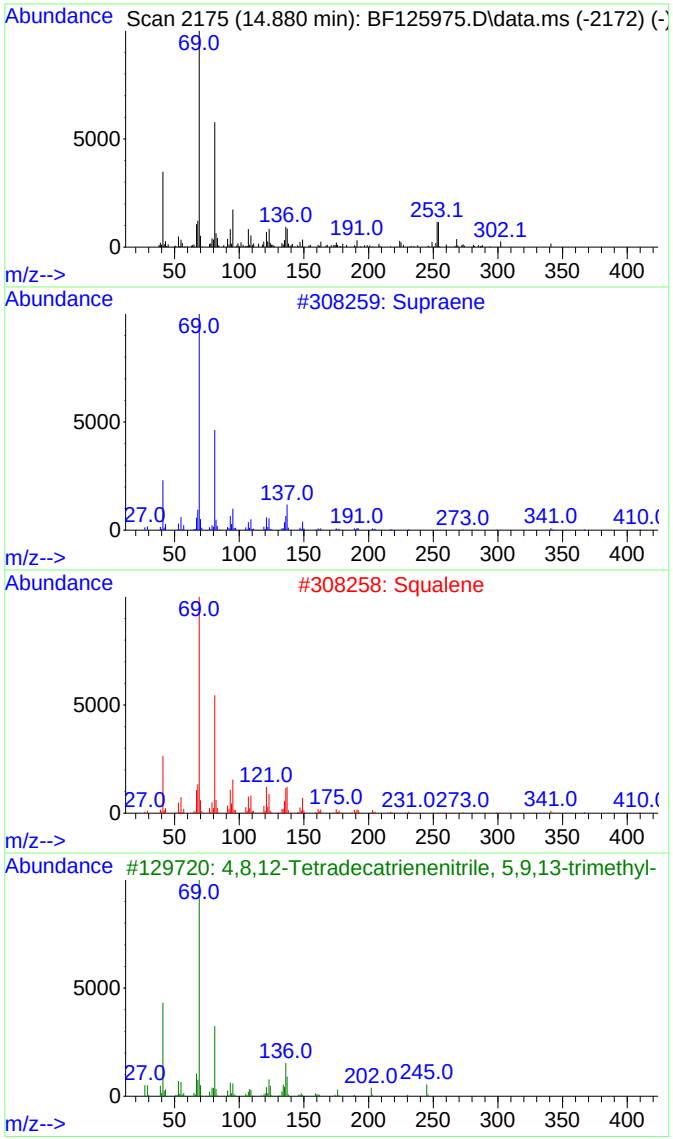
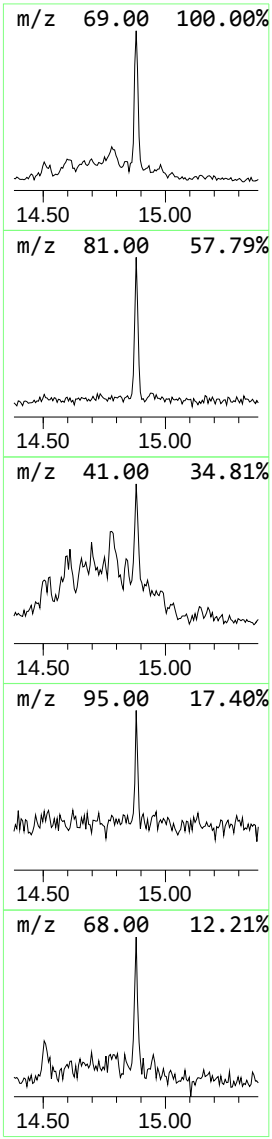
Peak Number 17 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	4.20 ng	262930	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	64
2	Squalene	410	C30H50	000111-02-4	59
3	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	53
4	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	47
5	2,6-Octadienenitrile, 3,7-dimeth...	149	C10H15N	031983-27-4	47





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Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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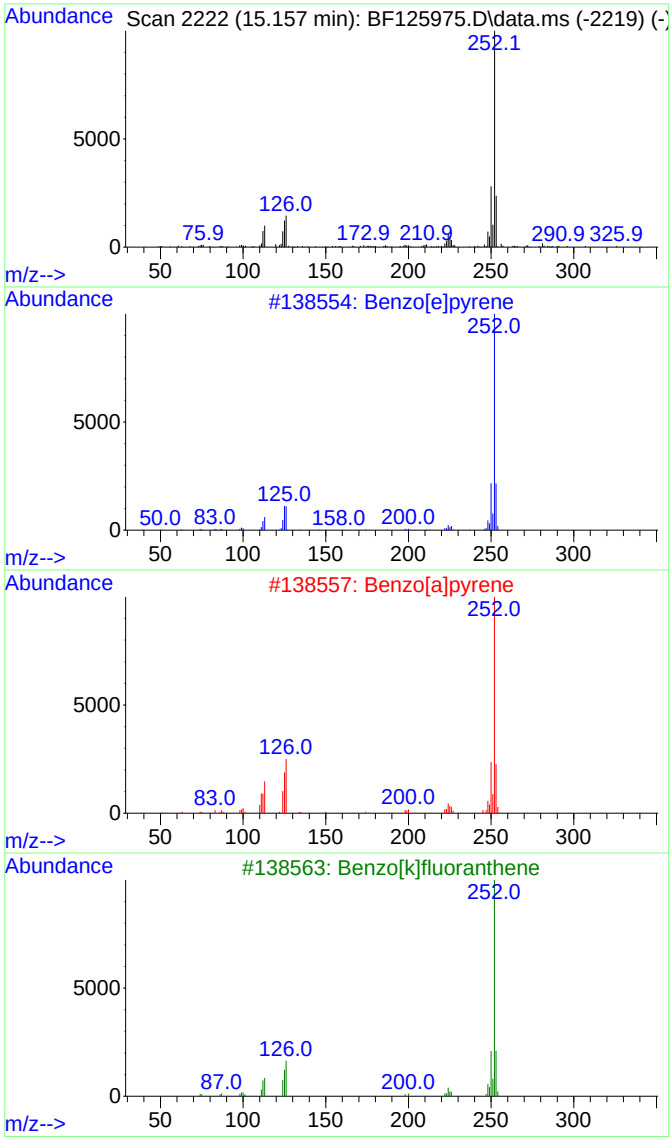
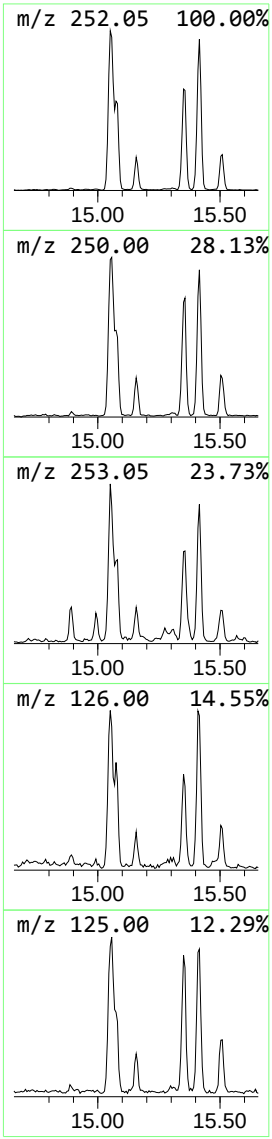
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	3.81 ng	238328	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





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Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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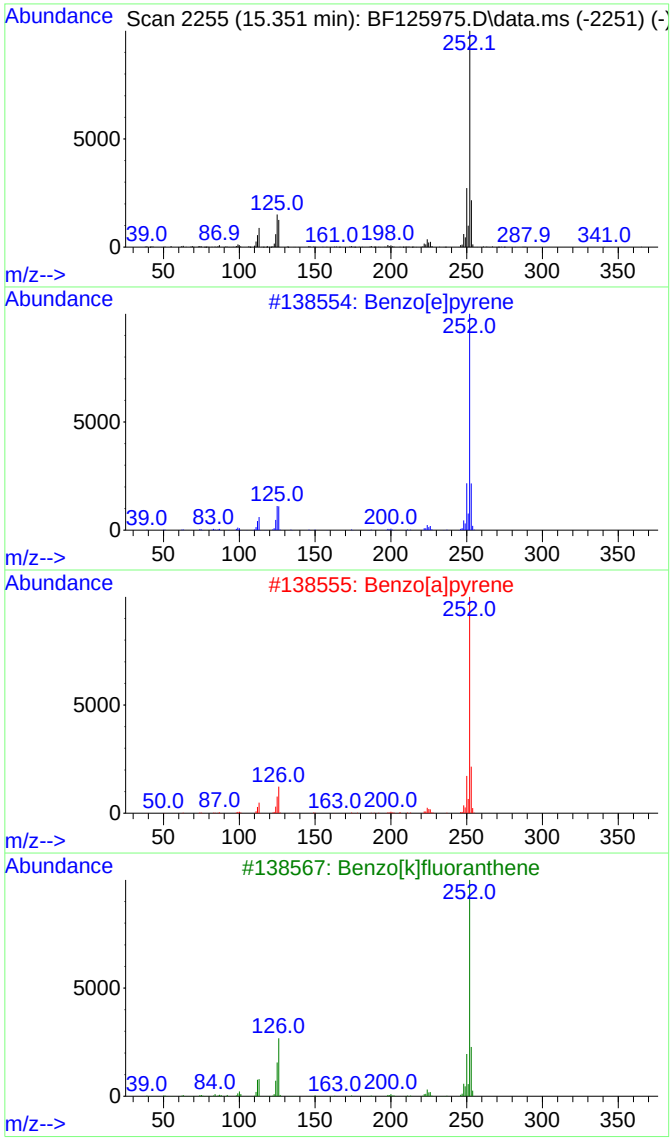
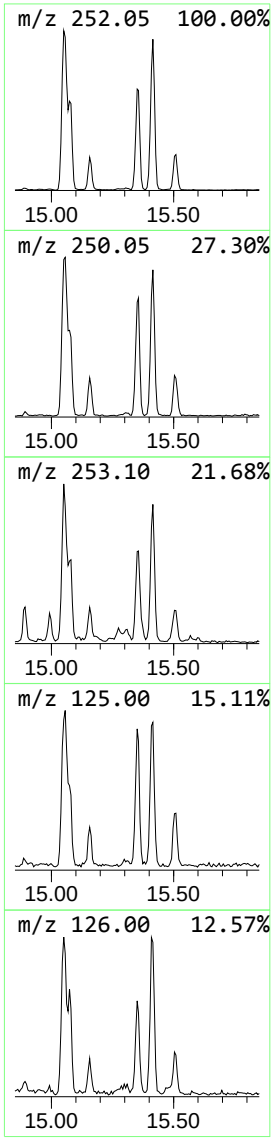
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	11.17 ng	699644	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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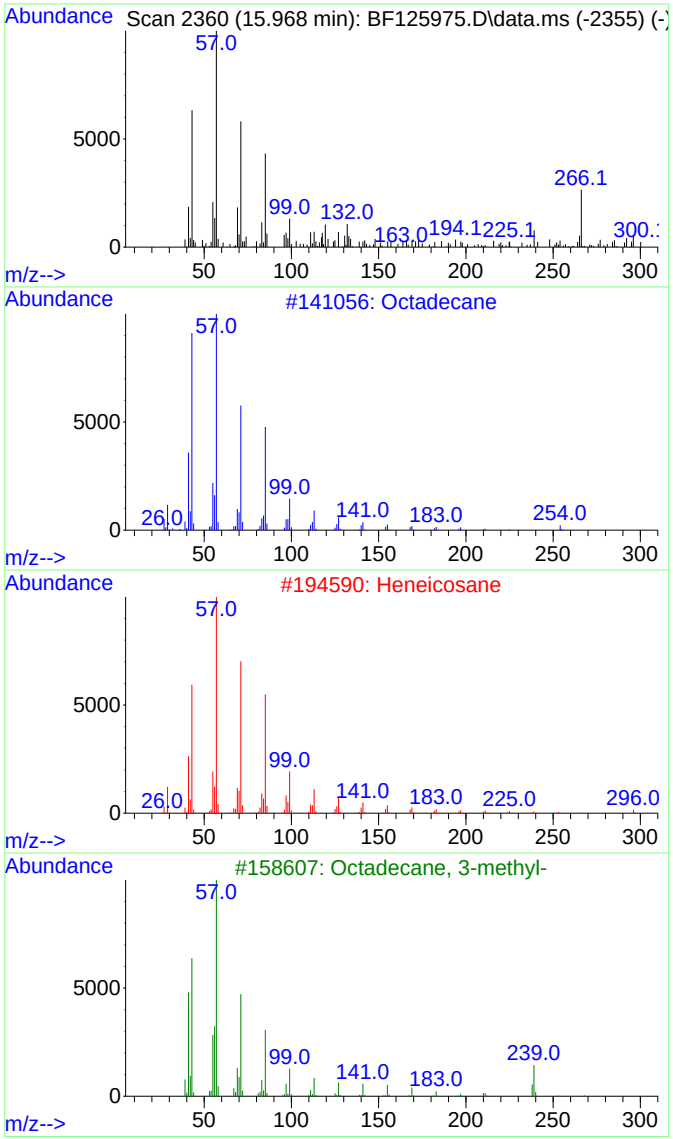
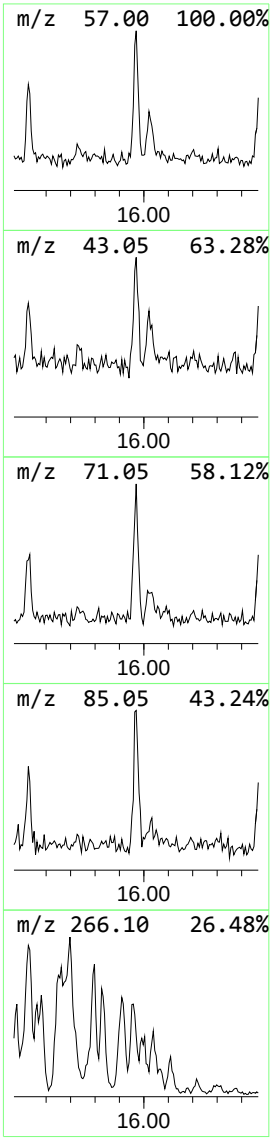
Peak Number 20 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	2.25 ng	140626	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heneicosane	296	C21H44	000629-94-7	60
3	Octadecane, 3-methyl-	268	C19H40	006561-44-0	49
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	49
5	Heptacosane	380	C27H56	000593-49-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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...	2.128	46.2	ng	2619420	1	6.857	1134430	20.0
Ethanol, 2-(2-b...	8.039	8.2	ng	627794	2	8.139	1527000	20.0
5H-Dibenzo[a,d]...	11.874	3.3	ng	267111	4	11.374	1612880	20.0
Anthracene, 2-m...	11.904	5.8	ng	464367	4	11.374	1612880	20.0
4H-Cyclopenta[d...	11.986	5.0	ng	404911	4	11.374	1612880	20.0
Phenanthrene, 2...	12.010	2.4	ng	192647	4	11.374	1612880	20.0
Phenanthrene, 2...	12.427	3.6	ng	286958	4	11.374	1612880	20.0
Cyclopenta(def)...	12.510	2.3	ng	182076	4	11.374	1612880	20.0
Pyrene, 1-methyl-	13.033	2.1	ng	280819	5	14.015	2680550	20.0
11H-Benzo[b]flu...	13.145	2.4	ng	314429	5	14.015	2680550	20.0
11H-Benzo[a]flu...	13.210	2.2	ng	296660	5	14.015	2680550	20.0
Fluoranthene, 2...	13.245	2.3	ng	305728	5	14.015	2680550	20.0
Benzo[b]naphtho...	13.762	2.4	ng	316993	5	14.015	2680550	20.0
1-Docosene	13.863	3.7	ng	492142	5	14.015	2680550	20.0
Chrysene, 1-met...	14.398	2.3	ng	312435	5	14.015	2680550	20.0
unknown14.786	14.786	3.5	ng	221444	6	15.480	1252540	20.0
Supraene	14.880	4.2	ng	262930	6	15.480	1252540	20.0
Benzo[e]pyrene	15.156	3.8	ng	238328	6	15.480	1252540	20.0
Benzo[j]fluoran...	15.351	11.2	ng	699644	6	15.480	1252540	20.0
Octadecane	15.968	2.3	ng	140626	6	15.480	1252540	20.0