LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	492	497	505	rVB	637581	655598	11.56%	1.251%
2	5.416	561	566	569	rBV	2317352	2054298	36.23%	3.920%
3	5.828	633	636	639	rBV	80375	66489	1.17%	0.127%
4	6.428	734	738	743	rBV	2306119	2137252	37.69%	4.079%
5	6.816	800	804	807	rBV	1545116	1285173	22.67%	2.453%
6	7.369	891	898	901	rBV	1623402	1351634	23.84%	2.579%
7	7.998	1002	1005	1009	rBV	377754	271673	4.79%	0.518%
8	8.098	1017	1022	1025	rBV	2189916	1873113	33.03%	3.574%
9	8.698	1120	1124	1126	rBV	174921	152184	2.68%	0.290%
10	8.922	1156	1162	1165	rBV3	51137	78404	1.38%	0.150%
11	9.175	1201	1205	1208	rBV	2495493	2149909	37.92%	4.103%
12	9.263	1216	1220	1223	rBV	268424	232437	4.10%	0.444%
13	9.292	1223	1225	1229	rVB	376304	309902	5.47%	0.591%
14	9.433	1243	1249	1255	rBV8	46125	78862	1.39%	0.150%
15	9.580	1269	1274	1276	rBV3	92889	128473	2.27%	0.245%
16	9.710	1293	1296	1299	rBV	184516	144923	2.56%	0.277%
17	9.792	1307	1310	1313	rVB	281994	206357	3.64%	0.394%
18	9.851	1314	1320	1323	rBV	2214058	1852479	32.67%	3.535%
19	10.033	1345	1351	1352	rBV5	36883	57302	1.01%	0.109%
20	10.051	1352	1354	1357	rVB	98216	79556	1.40%	0.152%
21	10.292	1392	1395	1398	rVB	264169	219736	3.88%	0.419%
22	10.392	1409	1412	1415	rBV	110559	97506	1.72%	0.186%
23	10.510	1428	1432	1437	rBV	98934	114994	2.03%	0.219%
24	10.557	1437	1440	1444	rVB2	50449	57979	1.02%	0.111%
25	10.633	1449	1453	1456	rBV	1215678	1073416	18.93%	2.048%
26	10.763	1472	1475	1482	rVB	329962	346372	6.11%	0.661%
27	10.863	1488	1492	1497	rVB2	108442	115897	2.04%	0.221%
28	11.210	1549	1551	1553	rBV	269199	196650	3.47%	0.375%
29	11.245	1555	1557	1563	rVB	96229	91172	1.61%	0.174%
30	11.304	1563	1567	1568	rBV3	58272	57543	1.01%	0.110%
31	11.333	1568	1572	1574	rVV	1662239	1455871	25.68%	2.778%
32	11.357	1574	1576	1579	rVB	873180	639357	11.28%	1.220%
33	11.404	1579	1584	1587	rBV	265819	245708	4.33%	0.469%
34	11.557	1607	1610	1613	rBV	72222	70790	1.25%	0.135%
35	11.639	1621	1624	1626	rBV2	219776	196425	3.46%	0.375%
36	11.663	1626	1628	1631	rVB	300383	227493	4.01%	0.434%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.739	1637	1641	1644	rBV	4044193	3247739	57.28%	6.198%
38	11.833	1654	1657	1659	rBV	129956	110195	1.94%	0.210%
39	11.863	1659	1662	1666	rVV	329712	296602	5.23%	0.566%
40	11.904	1666	1669	1672	rVB3	90515	95287	1.68%	0.182%
41	11.945	1672	1676	1678	rBV2	254633	258052	4.55%	0.492%
42	11.968	1678	1680	1684	rVB	91833	81709	1.44%	0.156%
43	12.045	1690	1693	1699	rVB	170480	168881	2.98%	0.322%
44	12.127	1705	1707	1715	rVB3	98745	153877	2.71%	0.294%
45	12.386	1744	1751	1754	rBV2	122611	181564	3.20%	0.346%
46	12.427	1754	1758	1759	rVV	4918437	4620710	81.49%	8.818%
47	12.451	1759	1762	1769	rVV	5060676	5670185	100.00%	10.820%
48	12.545	1772	1778	1781	rVV2	1615310	2443991	43.10%	4.664%
49	12.574	1781	1783	1791	rVV3	268167	364015	6.42%	0.695%
50	12.639	1791	1794	1798	rVV2	43920	69252	1.22%	0.132%
51	12.768	1811	1816	1820	rBV	1258492	1386917	24.46%	2.647%
52	12.804	1820	1822	1831	rVB3	122529	189003	3.33%	0.361%
53	12.892	1834	1837	1838	rBV	79855	69139	1.22%	0.132%
54	12.921	1838	1842	1845	rVV	1539839	1435927	25.32%	2.740%
55	12.992	1849	1854	1857	rBV2	125609	182447	3.22%	0.348%
56	13.098	1865	1872	1875	rVB2	261292	381917	6.74%	0.729%
57	13.133	1875	1878	1880	rBV4	52646	57097	1.01%	0.109%
58	13.163	1880	1883	1887	rVV2	233799	317141	5.59%	0.605%
59	13.204	1887	1890	1892	rVB	164561	153946	2.72%	0.294%
60	13.257	1897	1899	1902	rVB2	98910	85470	1.51%	0.163%
61	13.298	1902	1906	1908	rBV	97022	101734	1.79%	0.194%
62	13.327	1908	1911	1915	rBV	107539	107963	1.90%	0.206%
63	13.410	1922	1925	1930	rVB6	79191	99104	1.75%	0.189%
64	13.457	1931	1933	1938	rVV6	51935	82231	1.45%	0.157%
65	13.504	1938	1941	1946	rVB3	95898	120847	2.13%	0.231%
66	13.604	1955	1958	1963	rVB	116730	129032	2.28%	0.246%
67	13.715	1973	1977	1980	rBV2	150588	178986	3.16%	0.342%
68	13.745	1980	1982	1984	rVV	133329	113395	2.00%	0.216%
69	13.768	1984	1986	1990	rVV2	115768	136399	2.41%	0.260%
70	13.821	1990	1995	2000	rVV3	223009	322351	5.69%	0.615%
71	13.968	2015	2020	2022	rBV2	1481553	2068046	36.47%	3.946%
72	13.992	2022	2024	2027	rVB	762896	584261	10.30%	1.115%
73	14.074	2035	2038	2041	rVB	92971	75947	1.34%	0.145%
74	14.104	2041	2043	2046	rBV	75911	65309	1.15%	0.125%
75	14.151	2048	2051	2053	rVB2	84256	79574	1.40%	0.152%
76	14.180	2053	2056	2061	rBV2	66061	95649	1.69%	0.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.315	2077	2079	2081	rBV	57397	63357	1.12%	0.121%
78	14.351	2083	2085	2088	rVV	195382	174242	3.07%	0.333%
79	14.386	2088	2091	2095	rVB	116376	104271	1.84%	0.199%
80	14.451	2095	2102	2105	rBV6	157166	327818	5.78%	0.626%
81	14.498	2108	2110	2113	rVB3	112925	108581	1.91%	0.207%
82	14.868	2171	2173	2177	rVB	73002	71184	1.26%	0.136%
83	14.998	2190	2195	2198	rBV	729185	1219098	21.50%	2.326%
84	15.098	2209	2212	2218	rVB2	206115	244331	4.31%	0.466%
85	15.292	2241	2245	2250	rVB	394653	492498	8.69%	0.940%
86	15.351	2250	2255	2260	rBV	622565	719993	12.70%	1.374%
87	15.409	2261	2265	2269	rVV	811538	1057297	18.65%	2.018%
88	15.439	2269	2270	2278	rVB2	182946	240371	4.24%	0.459%
89	16.827	2501	2506	2516	rVB2	238564	501427	8.84%	0.957%
90	17.256	2574	2579	2587	rVB	174995	323023	5.70%	0.616%

Sum of corrected areas: 52402309

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
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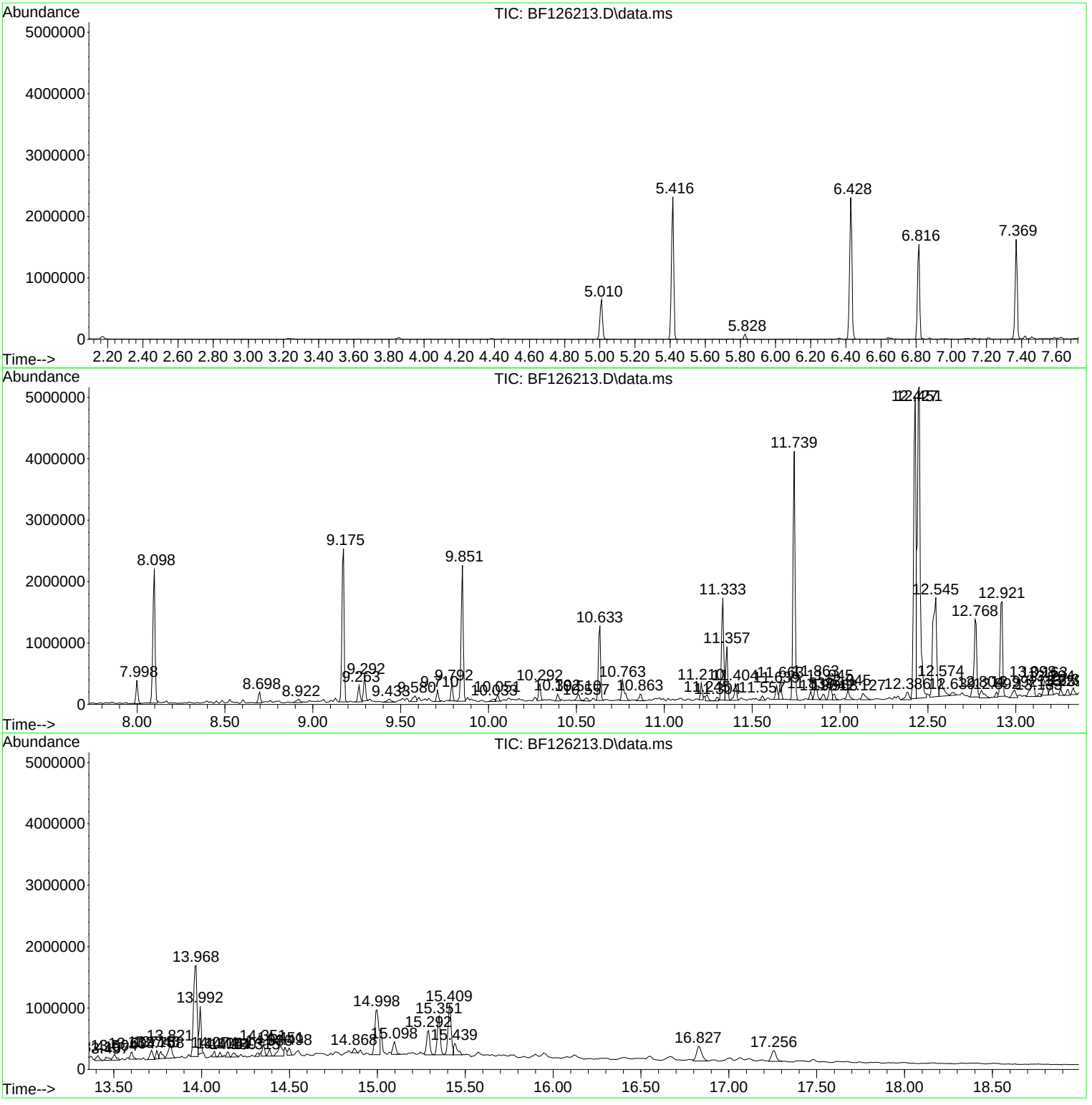
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF121621\
Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
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Instrument :
BNA_F
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EO-03-121321

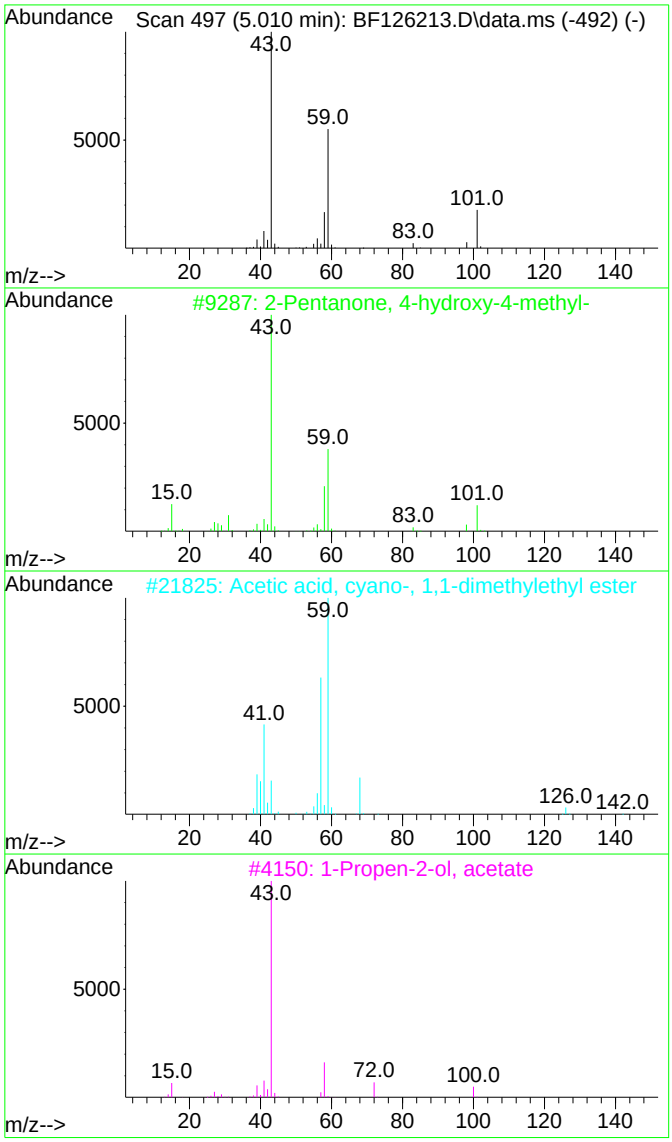
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

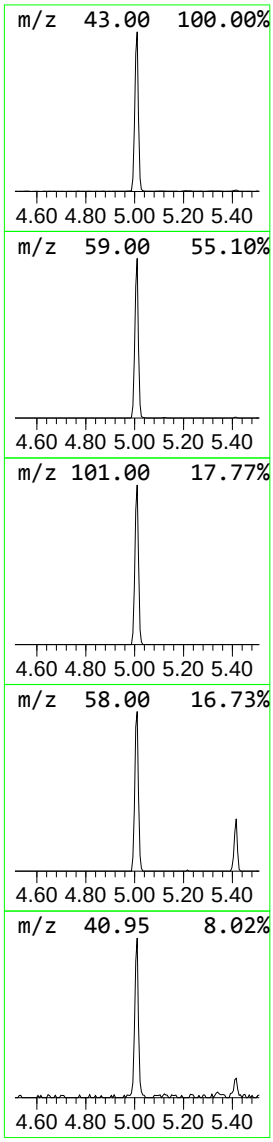
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	10.20 ng	655598	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

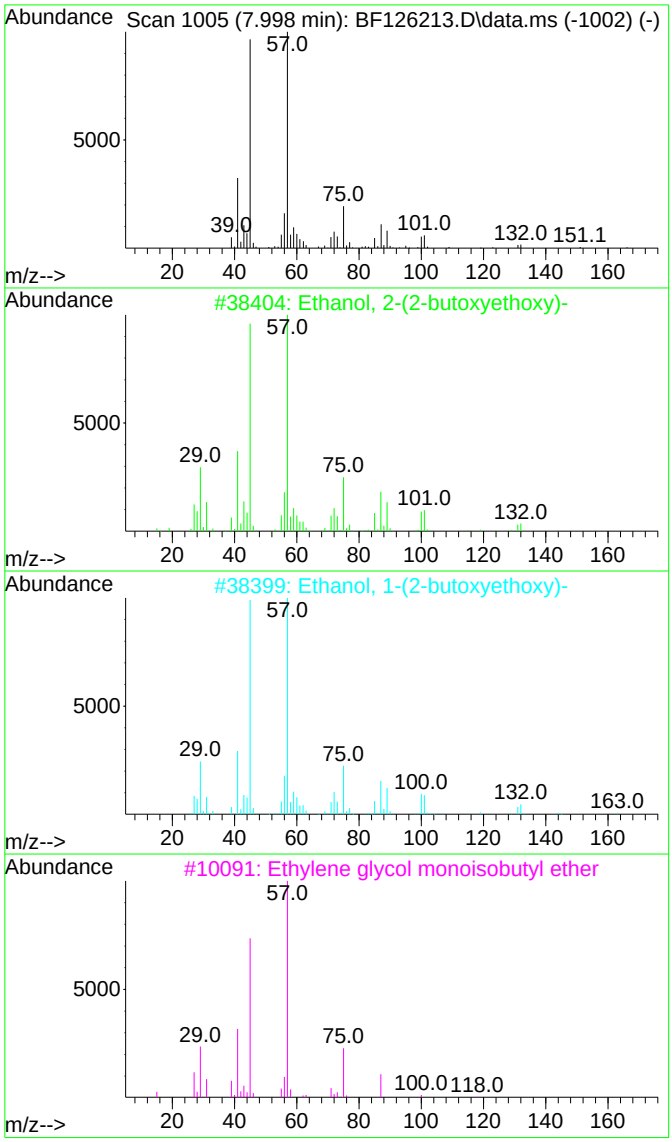
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

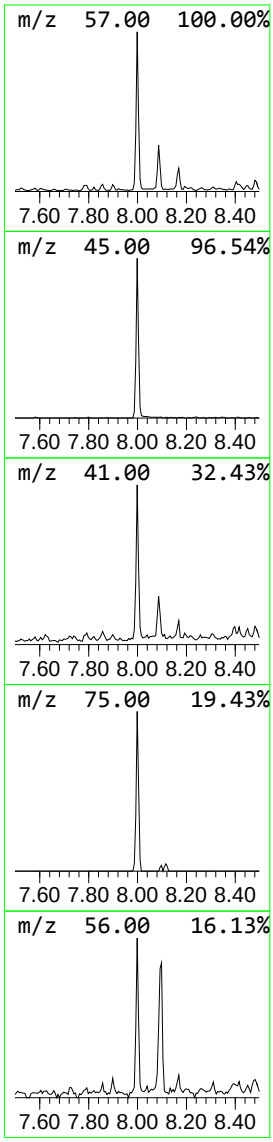
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.998	2.90 ng	271673	Naphthalene-d8	8.098

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	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50





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Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
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Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

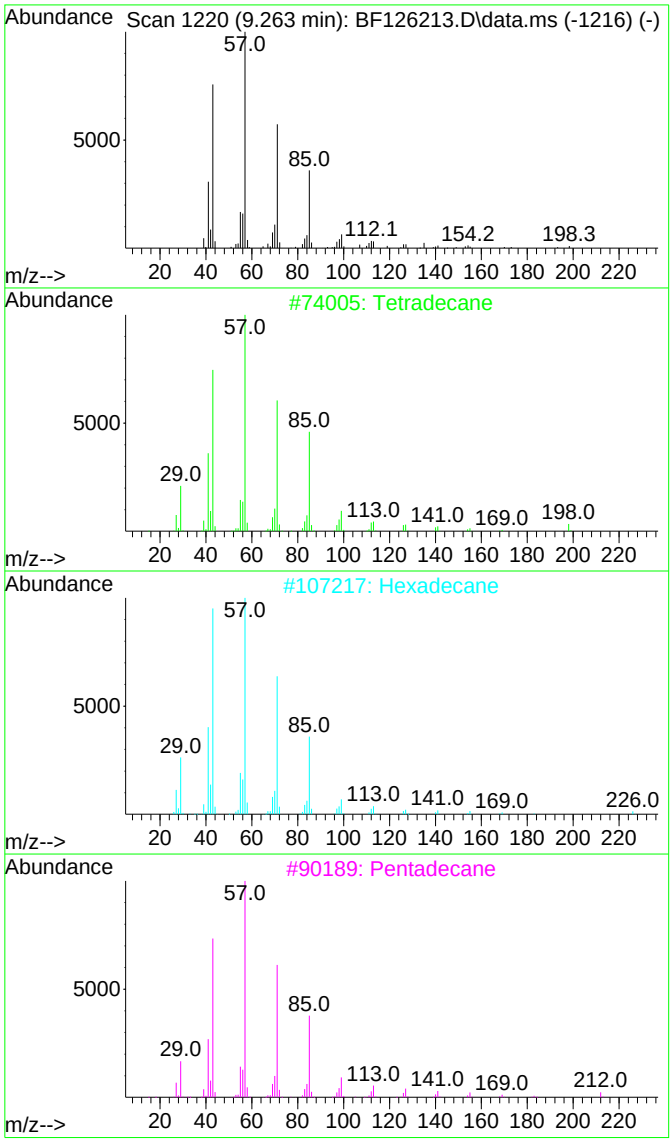
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

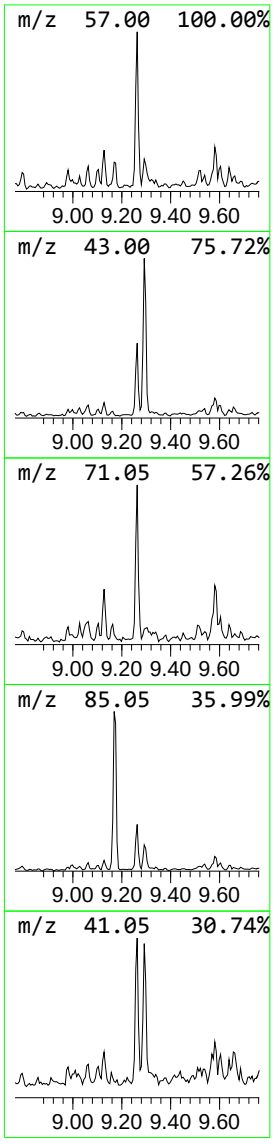
****

Peak Number 3 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	2.51 ng	232437	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
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Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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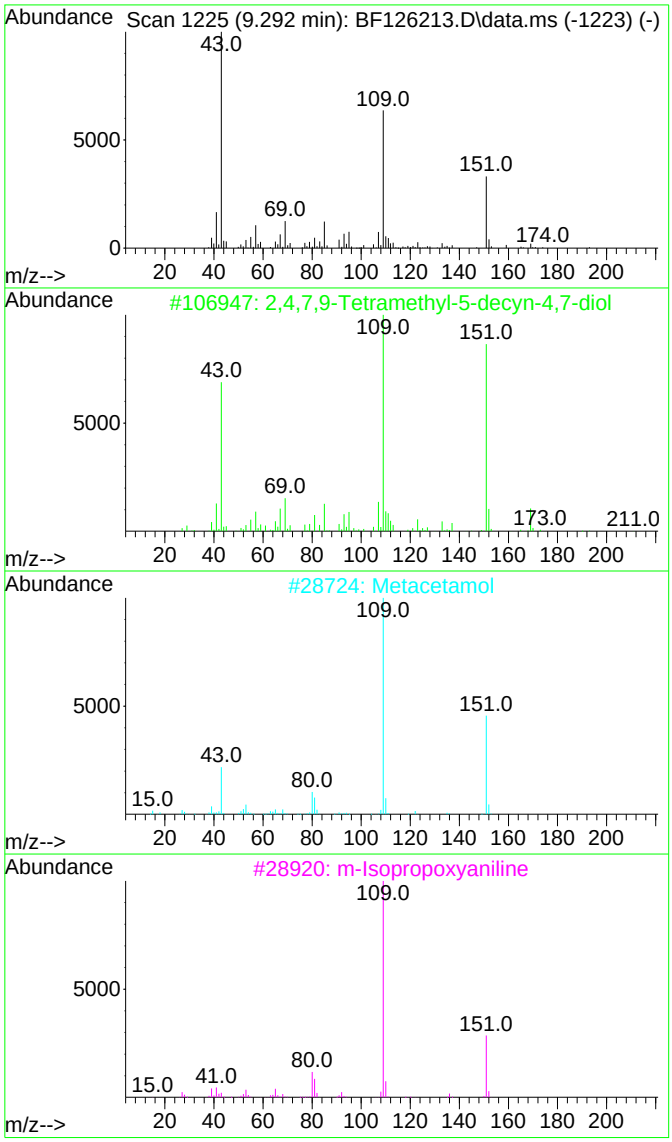
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

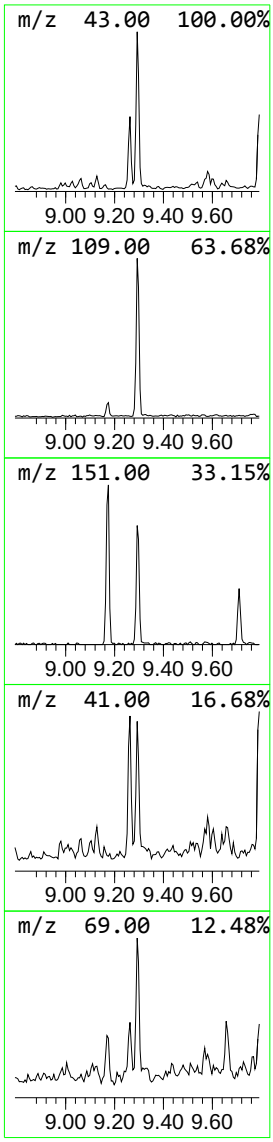
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	3.35 ng	309902	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Metacetamol	151	C8H9NO2	000621-42-1	49
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	47
4	Diacetamate	193	C10H11NO3	002623-33-8	47
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
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Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

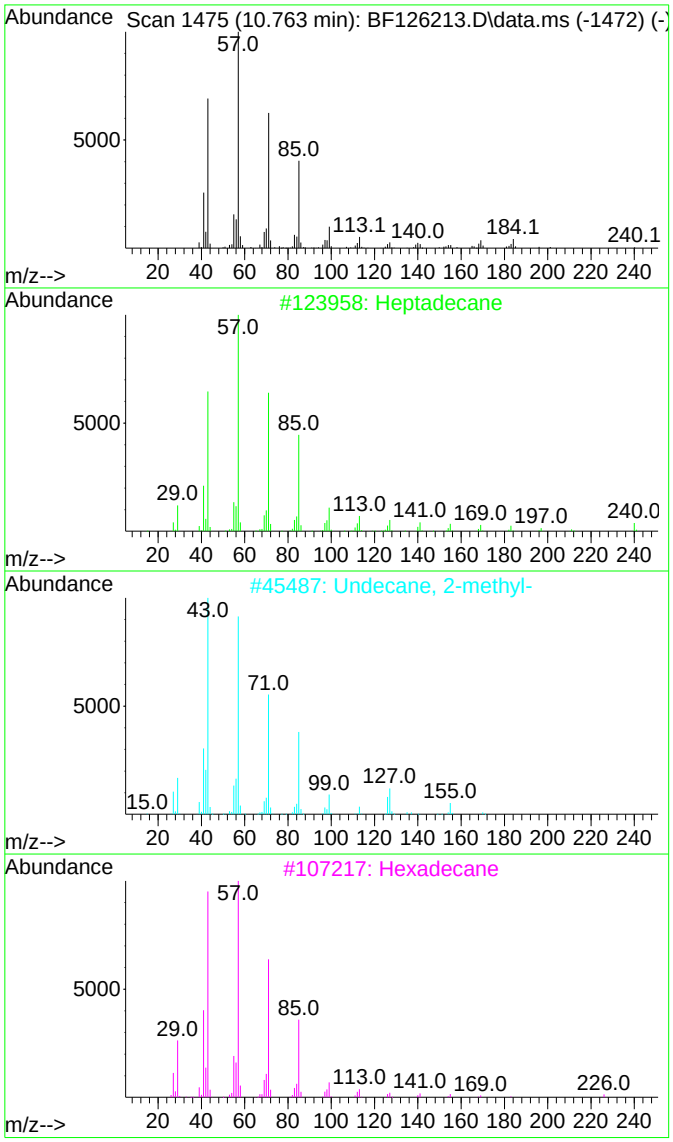
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

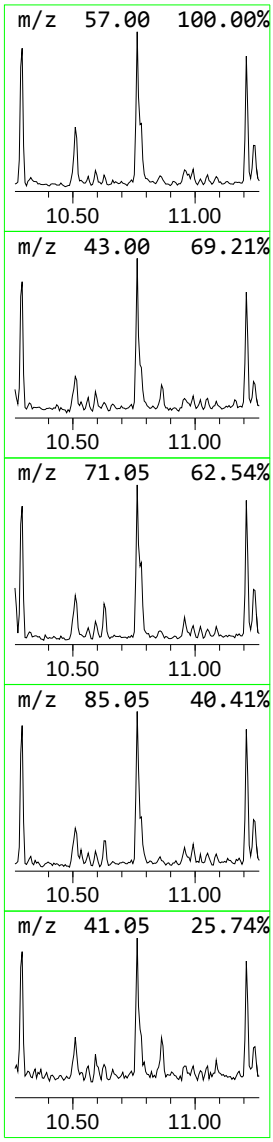
****

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	4.76 ng	346372	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
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Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

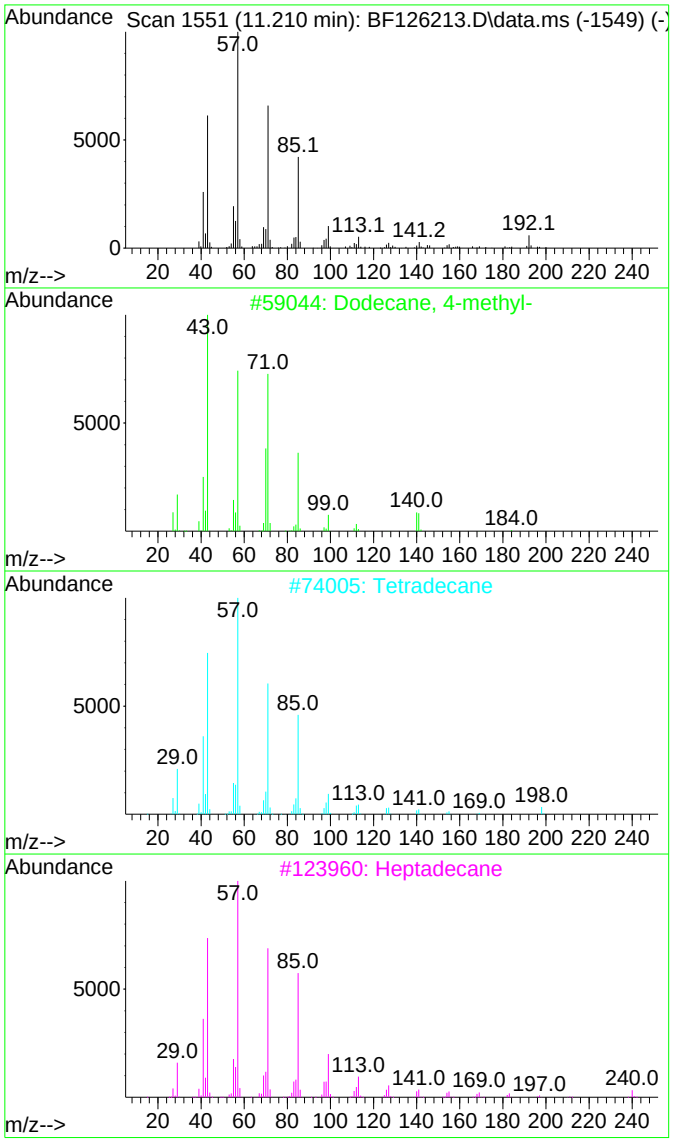
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

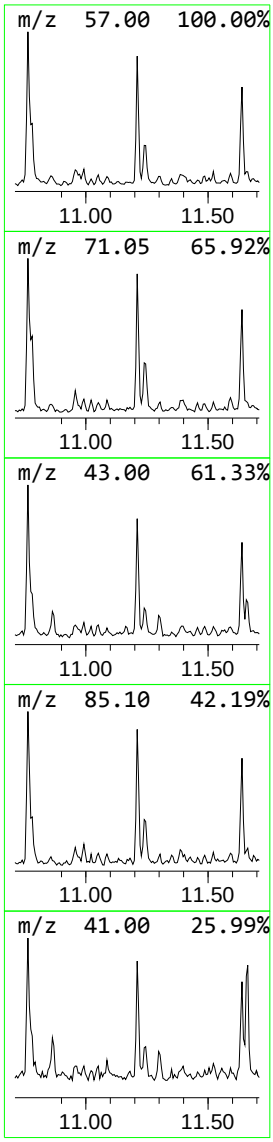
****

Peak Number 6 Dodecane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	2.70 ng	196650	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-121321

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

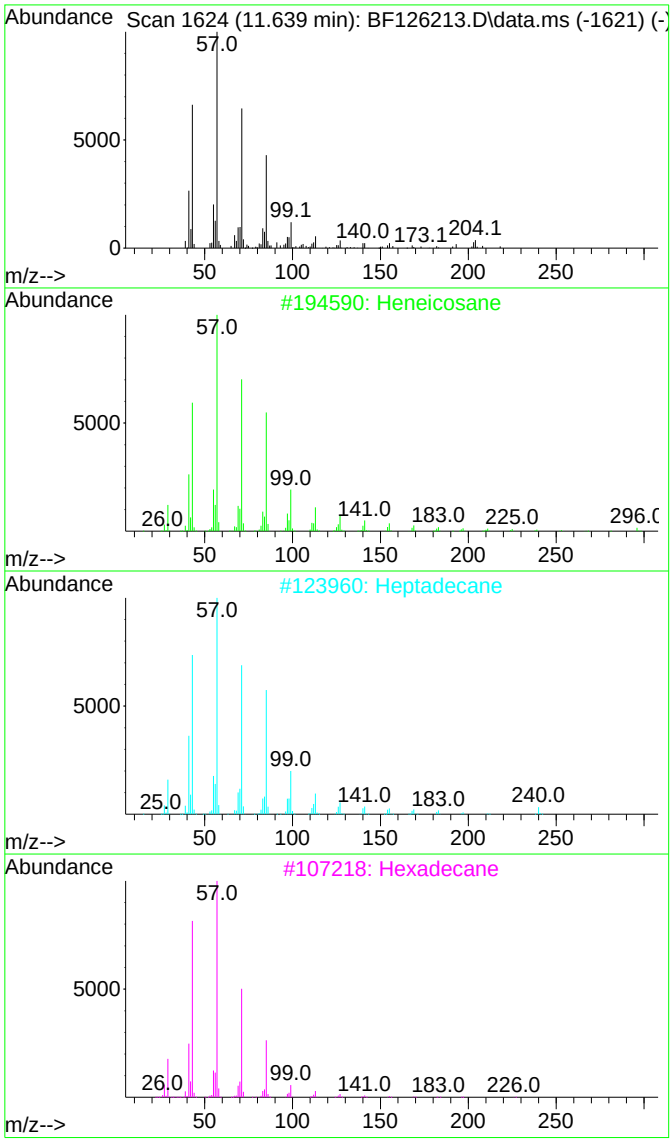
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

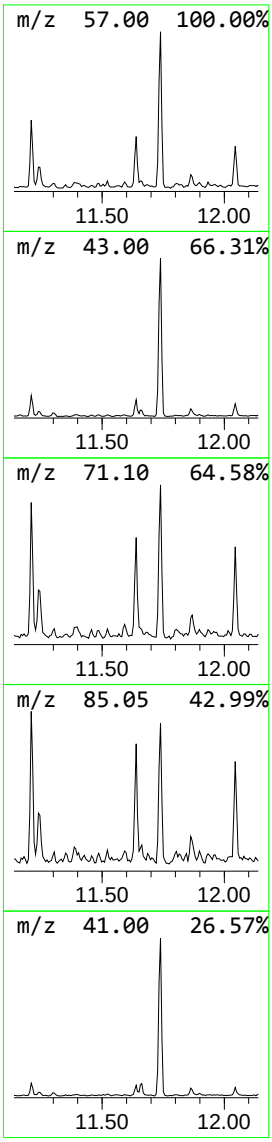
****

Peak Number 7 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	2.70 ng	196425	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	86
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86





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Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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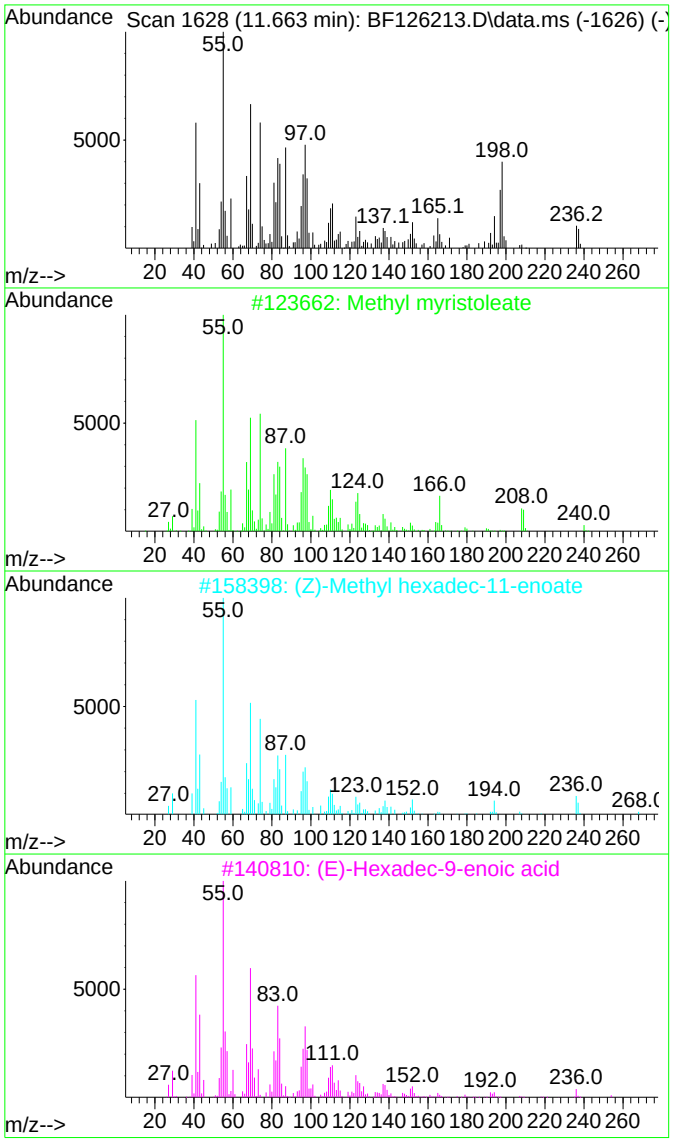
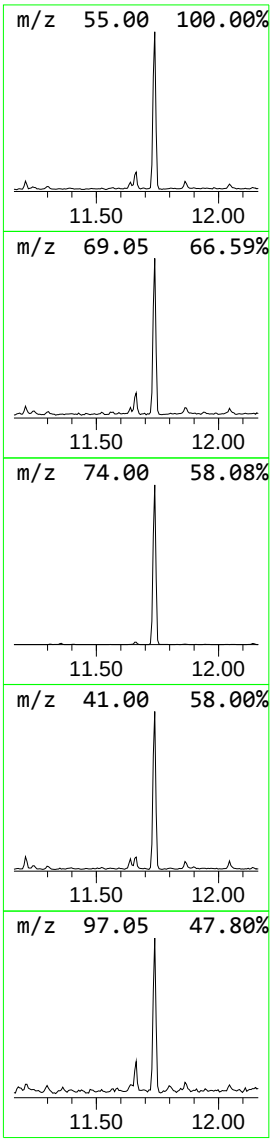
Peak Number 8 Methyl myristoleate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	3.13 ng	227493	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl myristoleate	240	C15H28O2	056219-06-8	53
2	(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	53
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	46
4	Methyl (Z)-10-pentadecenoate	254	C16H30O2	1000426-92-2	46
5	Palmitoleic acid	254	C16H30O2	000373-49-9	46





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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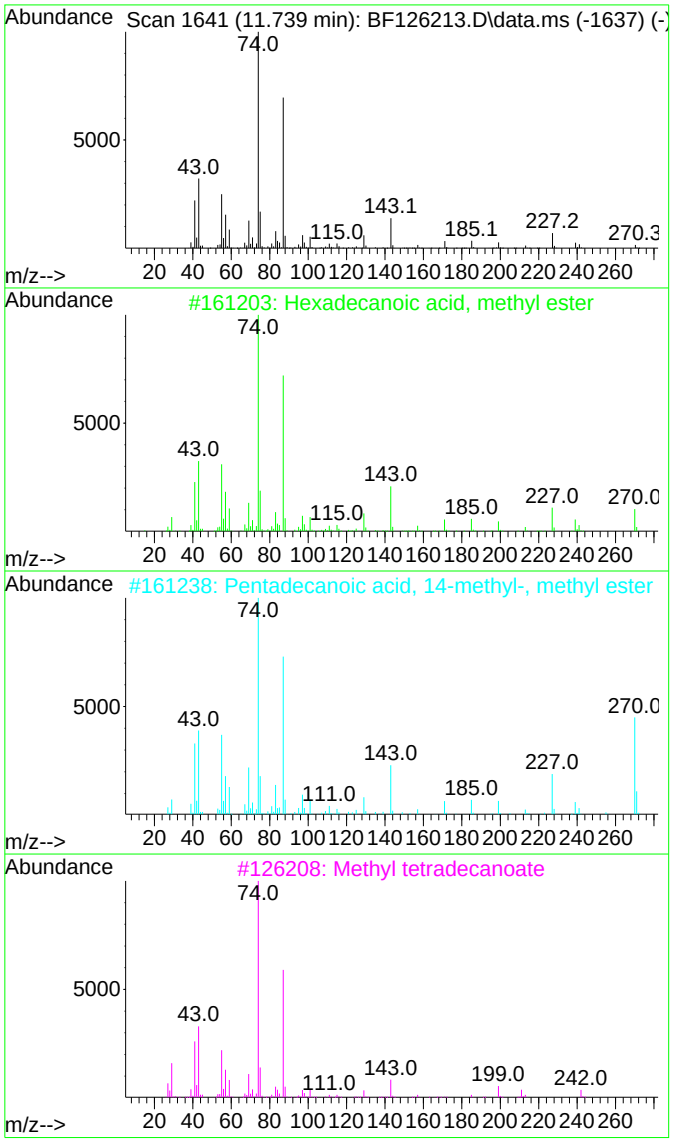
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

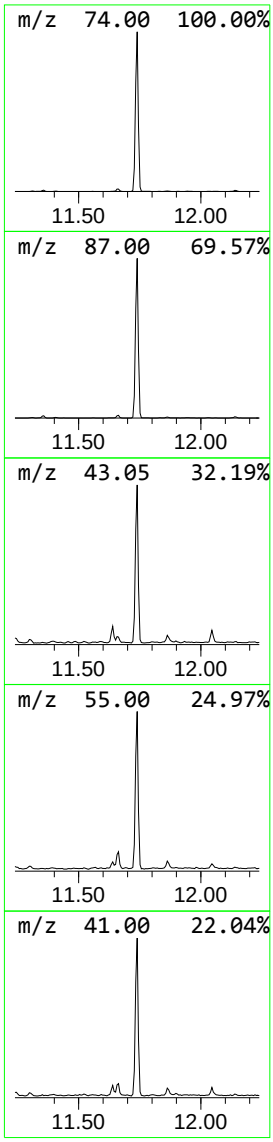
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	44.62 ng	3247740	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90





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Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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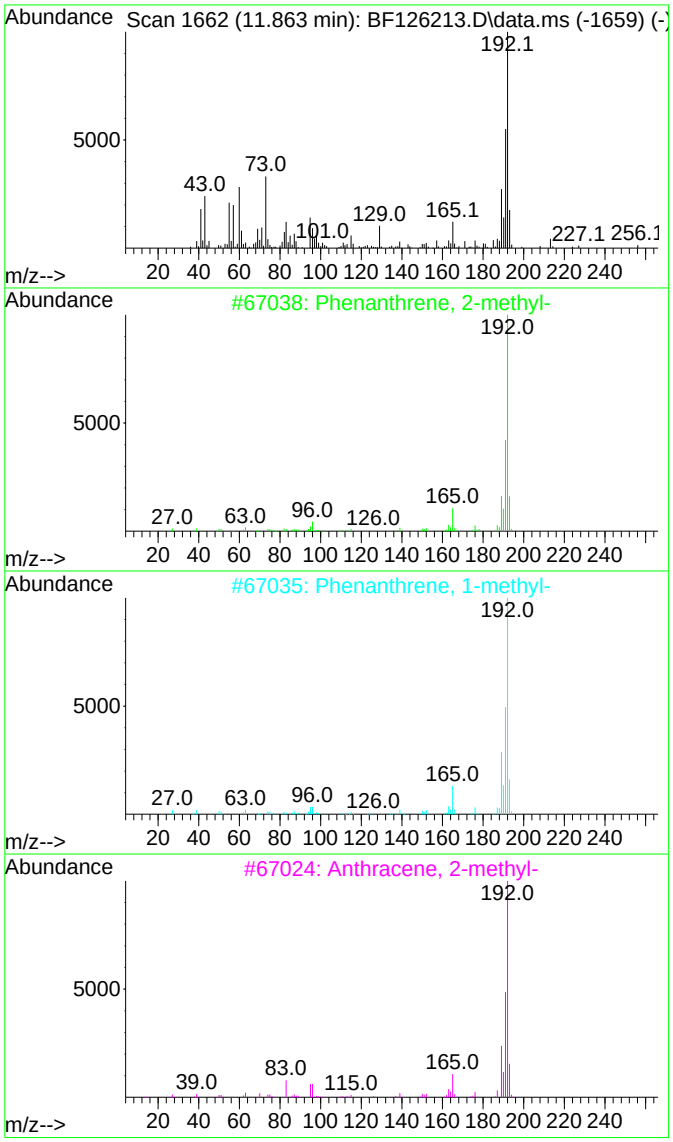
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

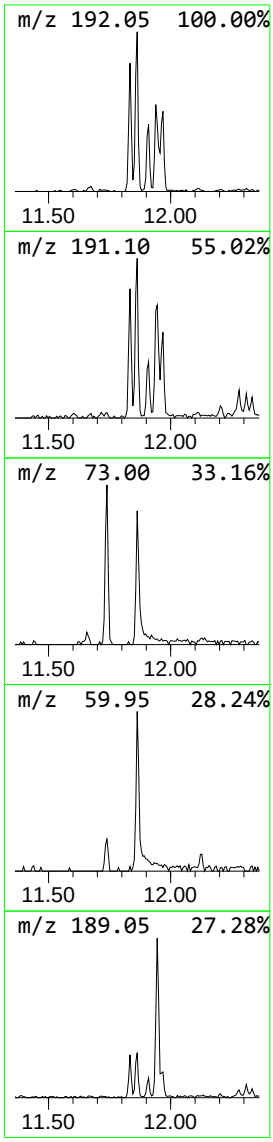
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	4.07 ng	296602	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-121321

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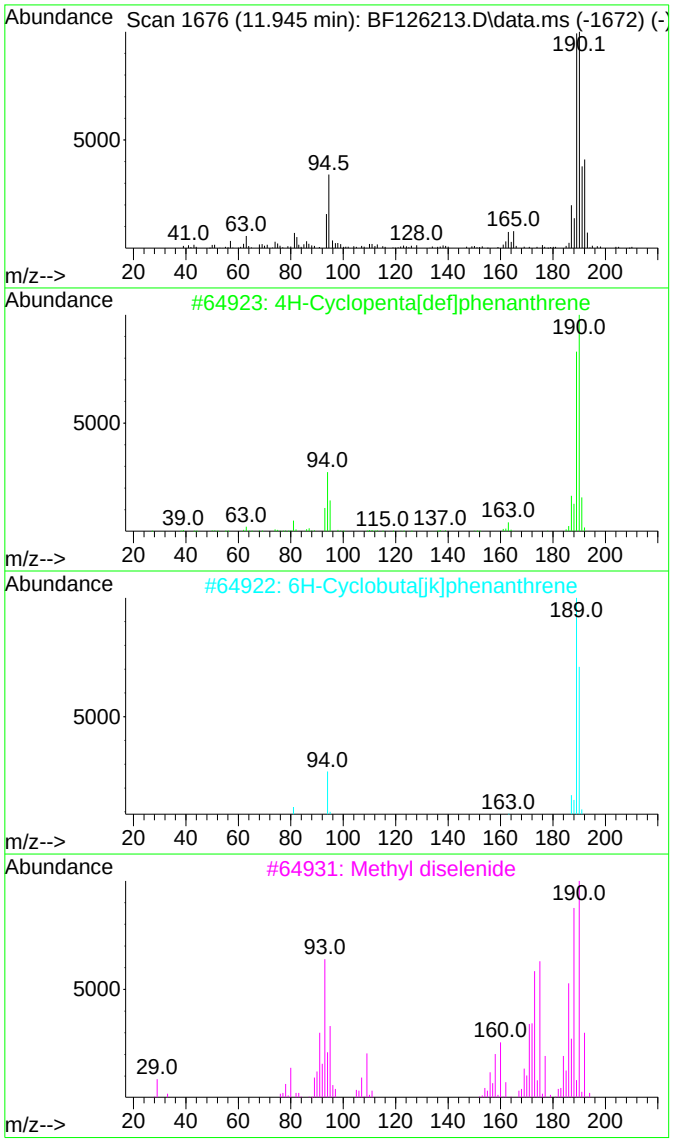
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

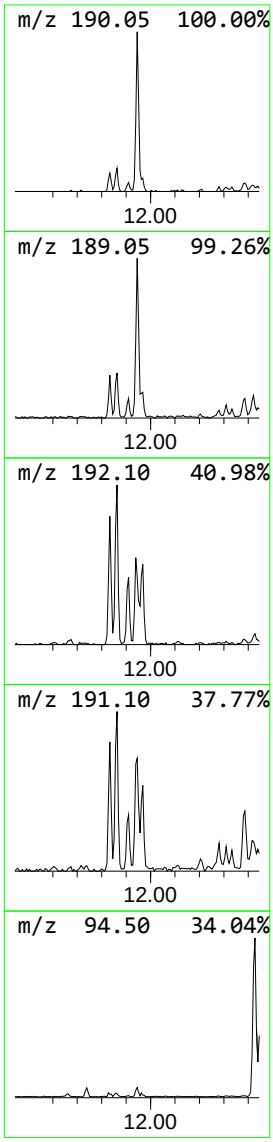
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.54 ng	258052	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1-Aminocyclopentanecarboxylic ac...	431	C23H42ClNO4	1000329-17-4	35





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Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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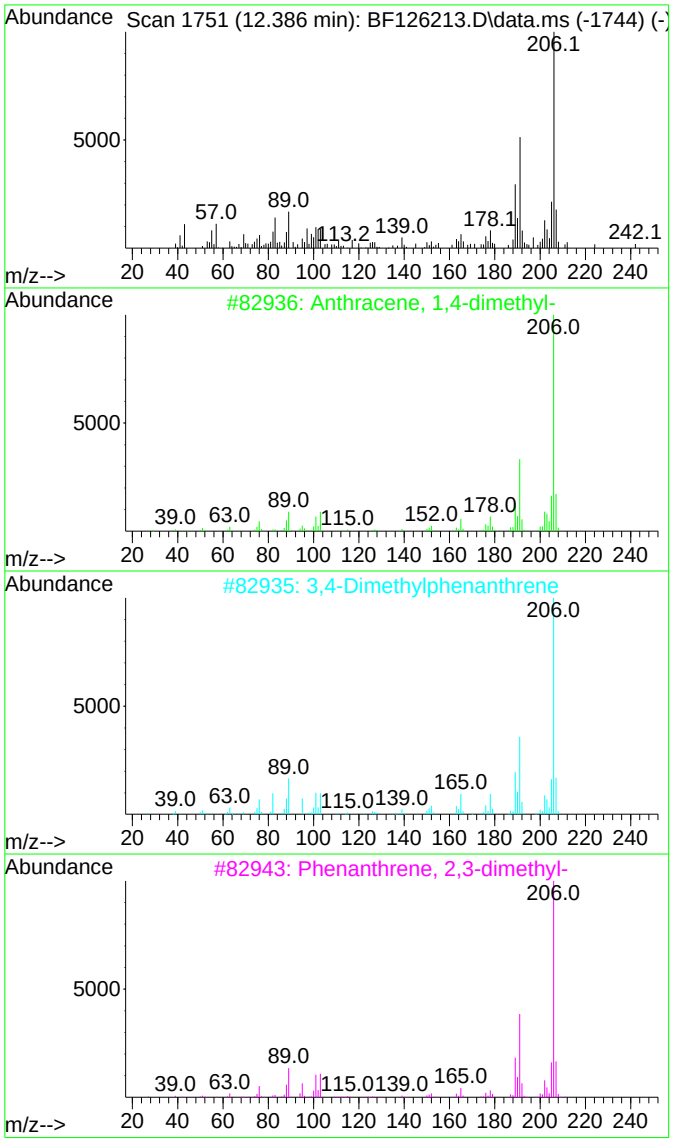
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

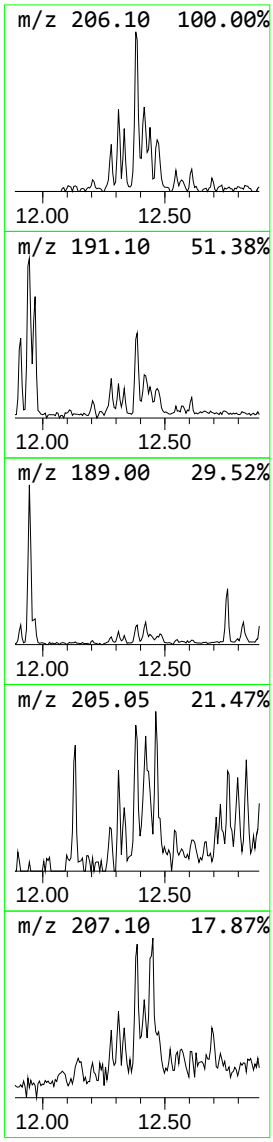
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.49 ng	181564	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	97
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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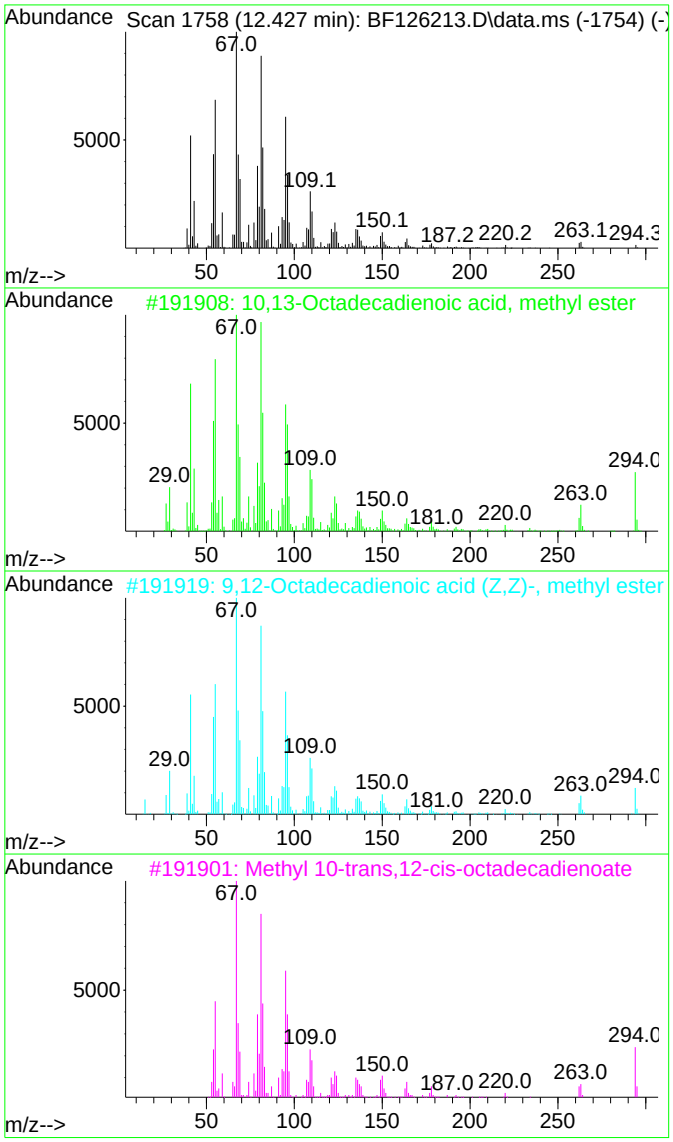
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

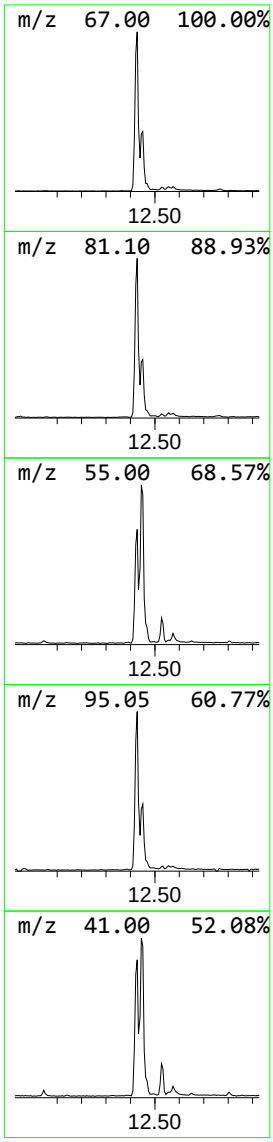
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	63.48 ng	4620710	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	96





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Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

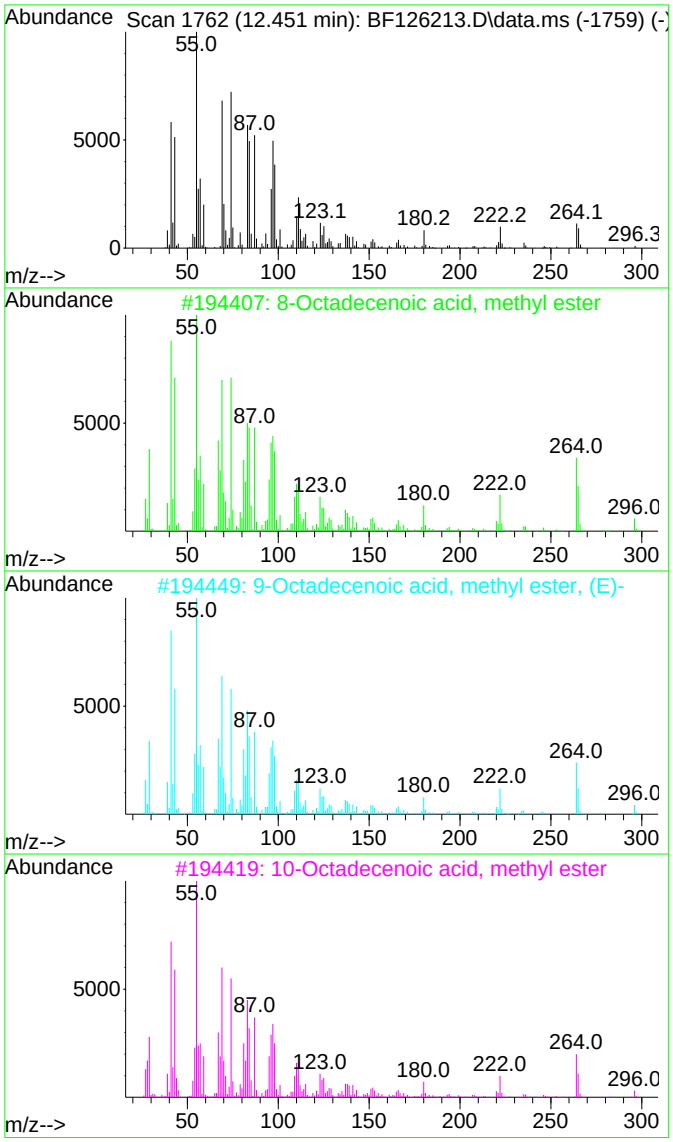
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

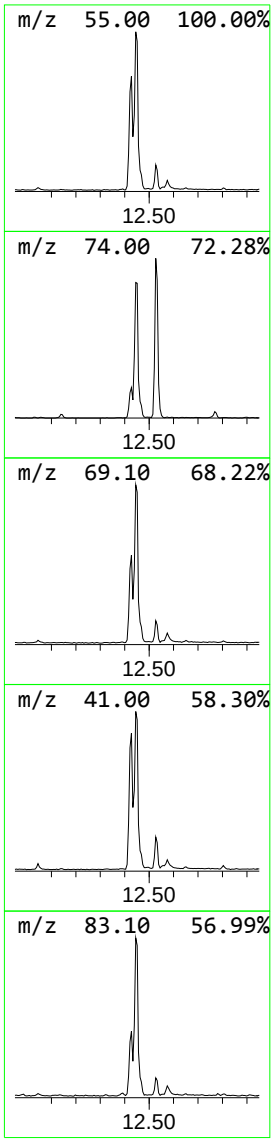
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	77.89 ng	5670190	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91





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Sample : M5073-04 2X
Misc :
ALS Vial : 9 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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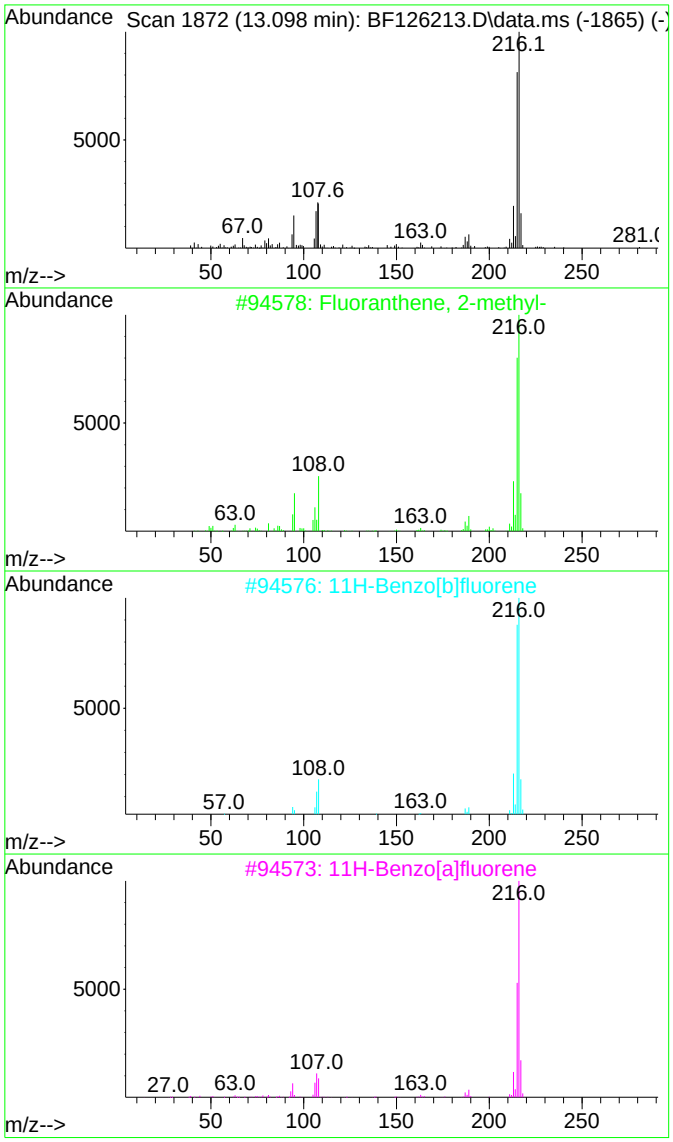
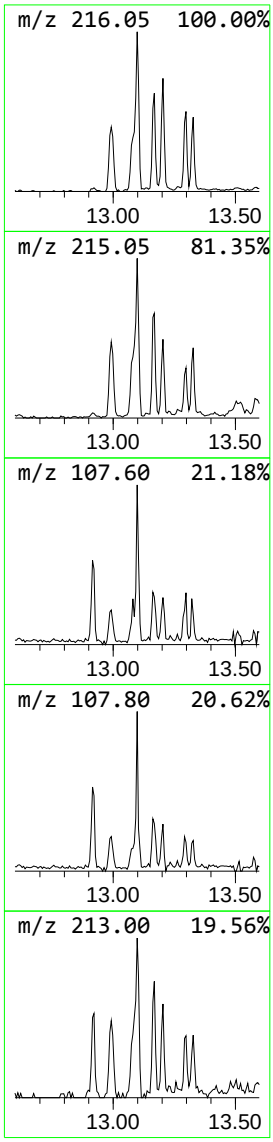
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.69 ng	381917	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Misc :
ALS Vial : 9 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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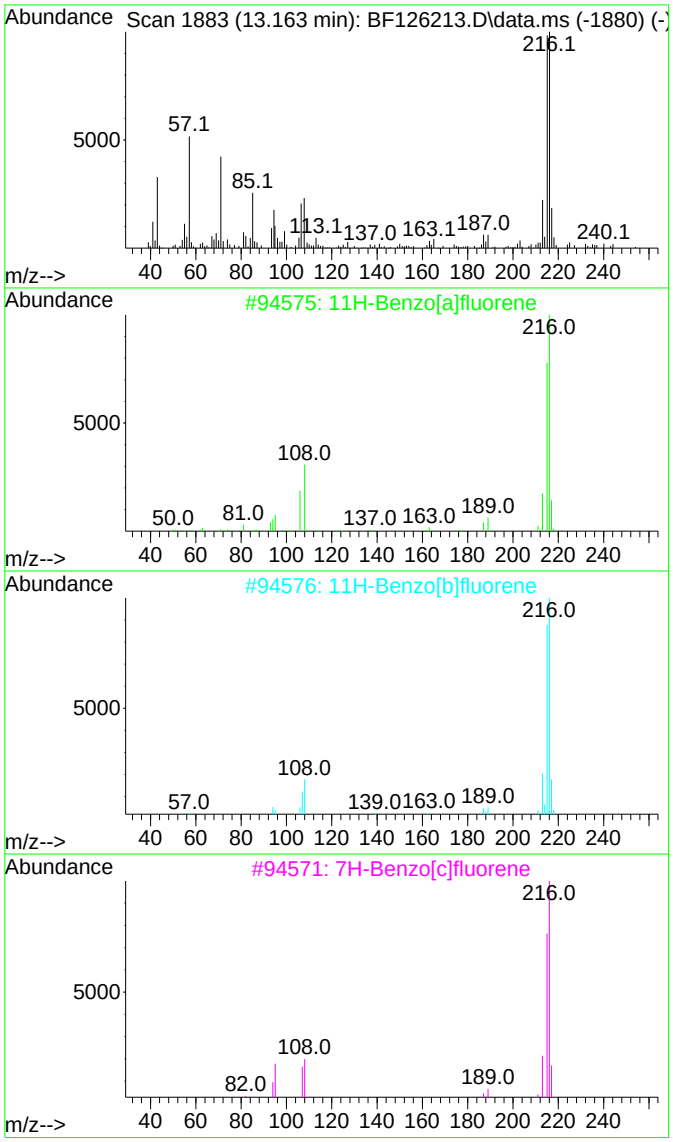
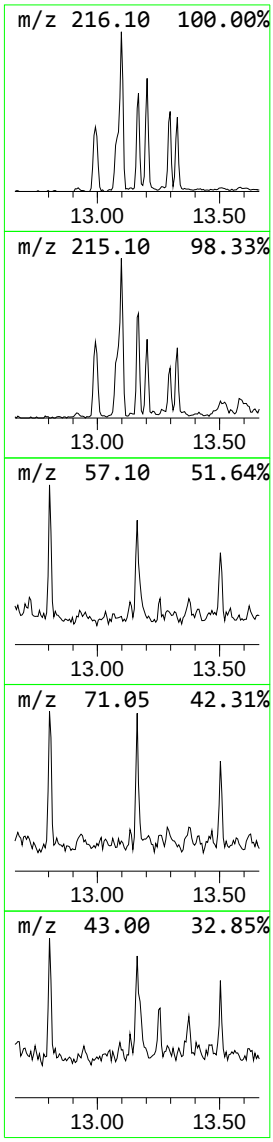
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.07 ng	317141	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





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Sample : M5073-04 2X
Misc :
ALS Vial : 9 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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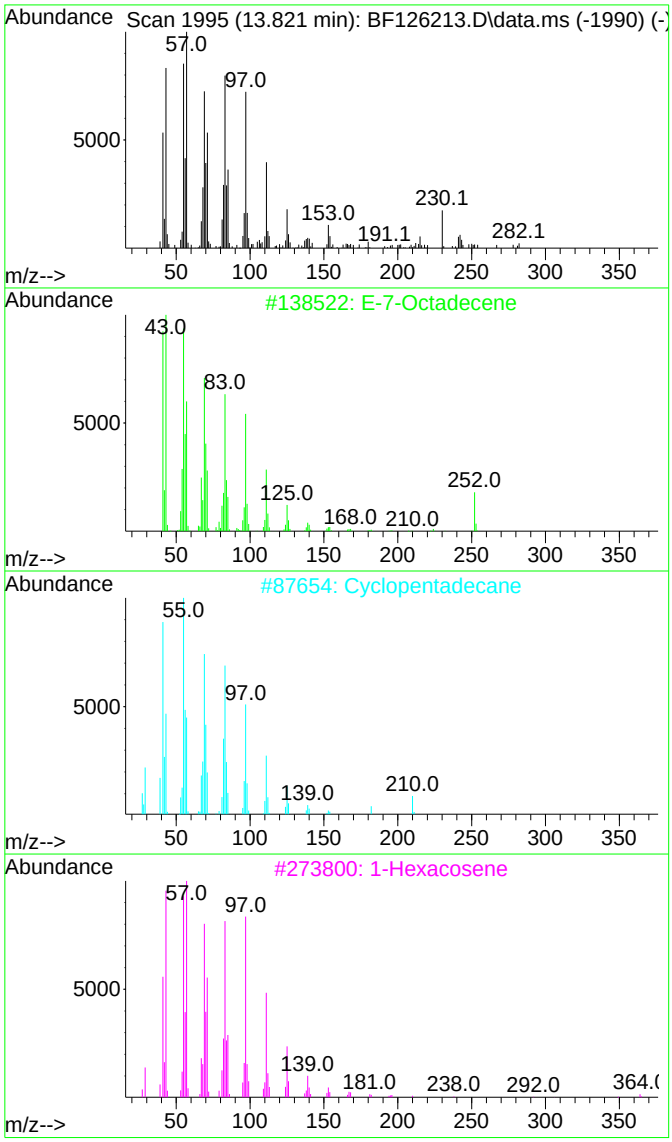
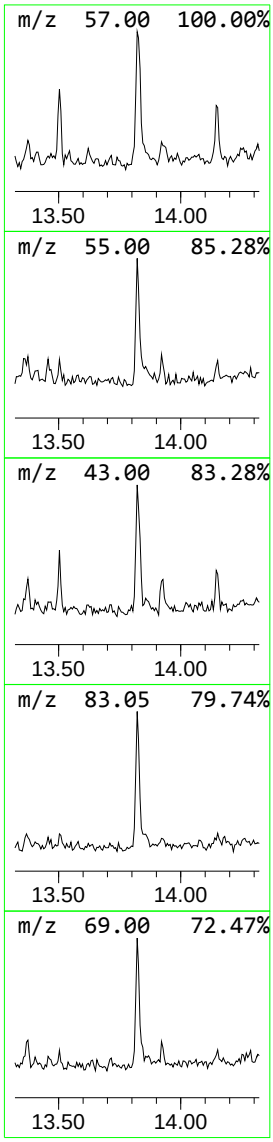
Peak Number 17 E-7-Octadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	3.12 ng	322351	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	93
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Hexacosene	364	C26H52	018835-33-1	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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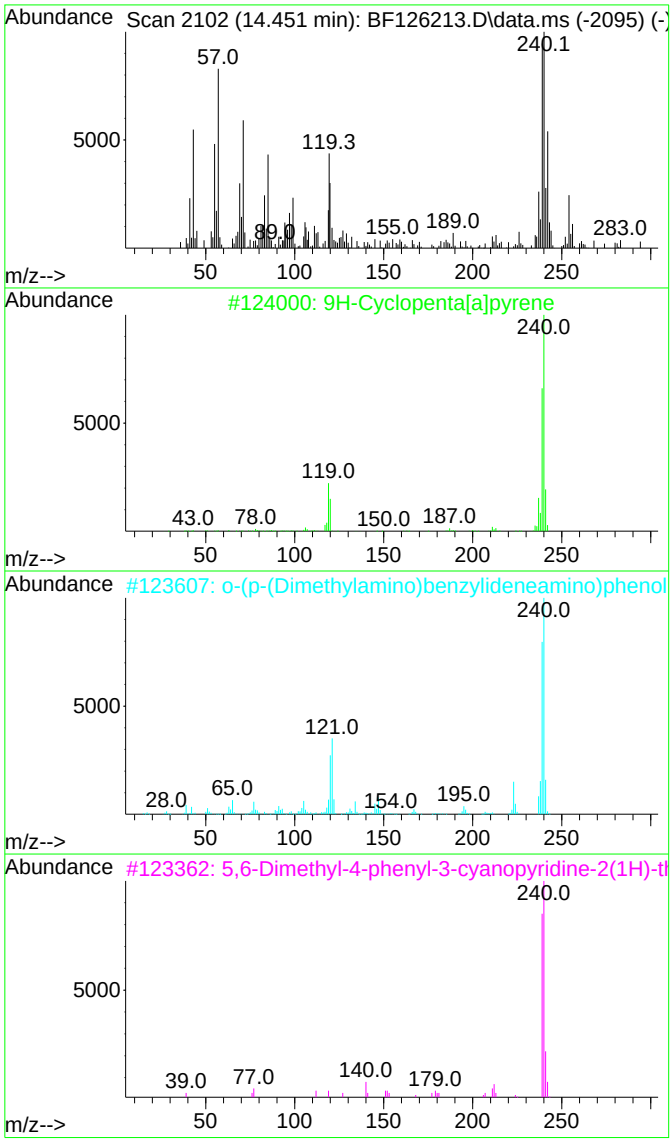
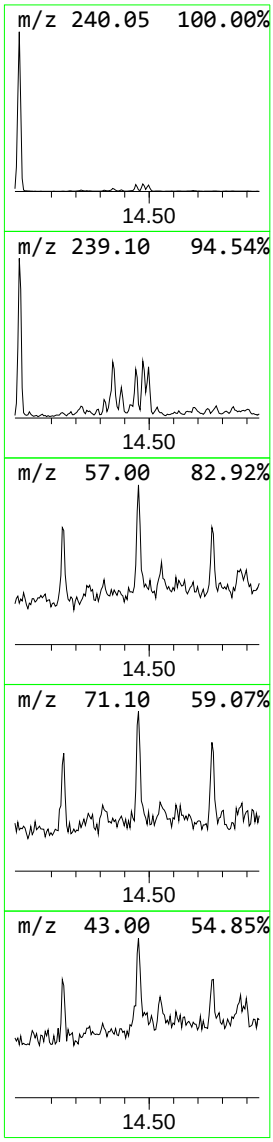
Peak Number 18 9H-Cyclopenta[a]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	3.17 ng	327818	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	58
2	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	46
3	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	43
4	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	22
5	(5-Chloro-1H-benzimidazol-2-yl)m...	254	C11H15ClN2OSi	1000479-63-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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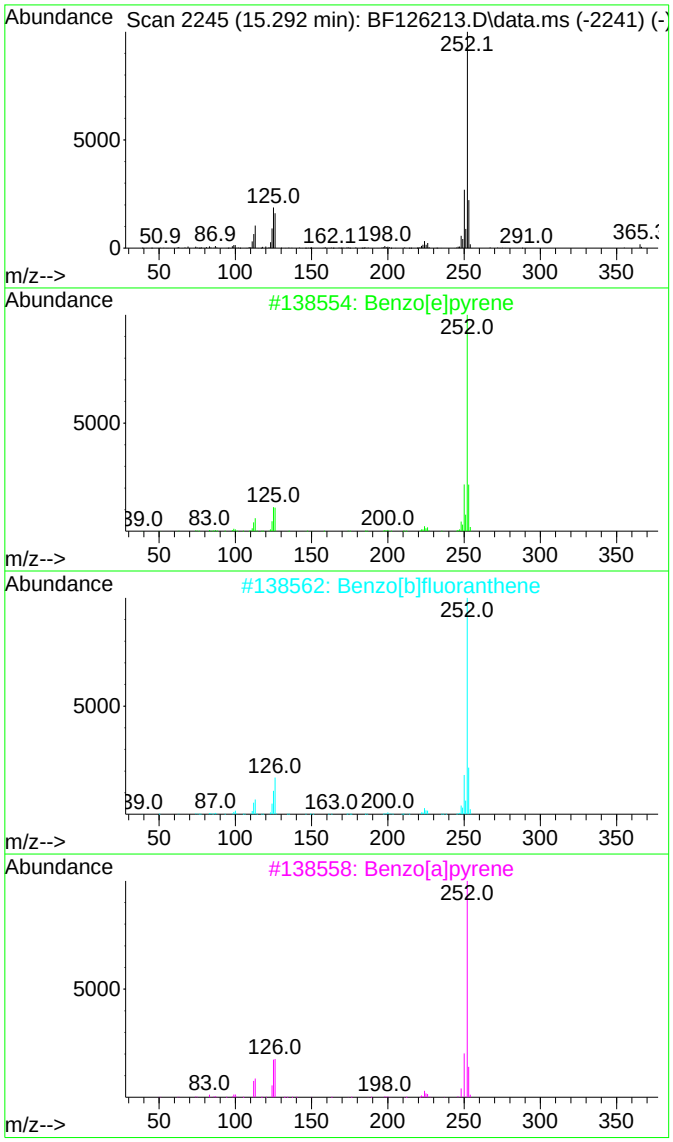
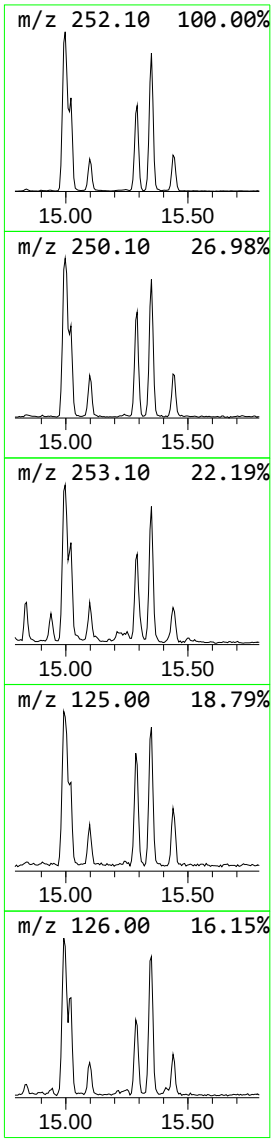
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	9.32 ng	492498	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126213.D
Acq On : 16 Dec 2021 15:53
Operator : JU/CG
Sample : M5073-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-121321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
2-Pentanone, 4-...	5.010	10.2	ng	655598	1	6.816	1285170	20.0
Ethanol, 2-(2-b...	7.998	2.9	ng	271673	2	8.098	1873110	20.0
Tetradecane	9.263	2.5	ng	232437	3	9.851	1852480	20.0
2,4,7,9-Tetrame...	9.292	3.4	ng	309902	3	9.851	1852480	20.0
Heptadecane	10.763	4.8	ng	346372	4	11.333	1455870	20.0
Dodecane, 4-met...	11.210	2.7	ng	196650	4	11.333	1455870	20.0
Heneicosane	11.639	2.7	ng	196425	4	11.333	1455870	20.0
Methyl myristol...	11.663	3.1	ng	227493	4	11.333	1455870	20.0
Hexadecanoic ac...	11.739	44.6	ng	3247740	4	11.333	1455870	20.0
Phenanthrene, 2...	11.863	4.1	ng	296602	4	11.333	1455870	20.0
4H-Cyclopenta[d...	11.945	3.5	ng	258052	4	11.333	1455870	20.0
Anthracene, 1,4...	12.386	2.5	ng	181564	4	11.333	1455870	20.0
10,13-Octadecad...	12.427	63.5	ng	4620710	4	11.333	1455870	20.0
8-Octadecenoic ...	12.451	77.9	ng	5670190	4	11.333	1455870	20.0
Fluoranthene, 2...	13.098	3.7	ng	381917	5	13.968	2068050	20.0
11H-Benzo[a]flu...	13.163	3.1	ng	317141	5	13.968	2068050	20.0
E-7-Octadecene	13.821	3.1	ng	322351	5	13.968	2068050	20.0
9H-Cyclopenta[a...	14.451	3.2	ng	327818	5	13.968	2068050	20.0
Benzo[e]pyrene	15.292	9.3	ng	492498	6	15.409	1057300	20.0