LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125458.D
Acq On : 13 Sep 2021 22:58
Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-091021

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	16	rVB	385943	472111	21.92%	1.517%
2	5.087	507	510	520	rBV	148114	164858	7.65%	0.530%
3	5.504	577	581	596	rBV	1105807	1047747	48.64%	3.367%
4	6.516	750	753	771	rBV	1034133	1073914	49.86%	3.451%
5	6.887	812	816	819	rBV	1098189	917590	42.60%	2.948%
6	7.445	907	911	921	rBV	674429	604437	28.06%	1.942%
7	8.092	1015	1021	1022	rBV2	31869	47659	2.21%	0.153%
8	8.169	1031	1034	1037	rBV	1330566	1087498	50.49%	3.494%
9	8.192	1037	1038	1046	rVB	108859	73526	3.41%	0.236%
10	8.881	1152	1155	1162	rBV	71815	73112	3.39%	0.235%
11	8.981	1168	1172	1181	rBV	74754	69367	3.22%	0.223%
12	9.245	1213	1217	1225	rBV	1305541	1090304	50.62%	3.503%
13	9.516	1258	1263	1266	rBV2	36763	49651	2.31%	0.160%
14	9.581	1271	1274	1277	rBV	61573	63412	2.94%	0.204%
15	9.610	1277	1279	1281	rVV	37910	27536	1.28%	0.088%
16	9.651	1281	1286	1290	rVB2	22736	35424	1.64%	0.114%
17	9.786	1306	1309	1313	rBV	104882	92187	4.28%	0.296%
18	9.928	1326	1333	1336	rBV	1384468	1082905	50.28%	3.480%
19	9.957	1336	1338	1342	rVB	149570	128482	5.97%	0.413%
20	10.133	1364	1368	1371	rVV2	100879	101184	4.70%	0.325%
21	10.169	1371	1374	1378	rVB	35439	32312	1.50%	0.104%
22	10.239	1383	1386	1389	rBV2	31329	33072	1.54%	0.106%
23	10.333	1397	1402	1403	rBV2	23265	28594	1.33%	0.092%
24	10.351	1403	1405	1408	rVB	34748	27163	1.26%	0.087%
25	10.475	1423	1426	1432	rVB	215198	195927	9.10%	0.630%
26	10.633	1447	1453	1456	rVB2	42942	48990	2.27%	0.157%
27	10.716	1463	1467	1474	rBV	783672	717233	33.30%	2.305%
28	10.839	1486	1488	1494	rVB4	35062	40403	1.88%	0.130%
29	11.022	1515	1519	1522	rBV2	57649	77442	3.60%	0.249%
30	11.051	1522	1524	1527	rVV2	43230	38266	1.78%	0.123%
31	11.110	1531	1534	1537	rVB2	33244	30133	1.40%	0.097%
32	11.151	1537	1541	1542	rBV3	32371	37606	1.75%	0.121%
33	11.175	1542	1545	1550	rVV3	41547	53943	2.50%	0.173%
34	11.222	1550	1553	1557	rVV2	41677	40352	1.87%	0.130%
35	11.269	1557	1561	1564	rVV2	53009	63832	2.96%	0.205%
36	11.316	1564	1569	1572	rVB	104850	112055	5.20%	0.360%

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-091021

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.416	1583	1586	1588	rBV	1223286	1038681	48.22%	3.337%
38	11.445	1588	1591	1594	rVV	1415801	1269084	58.92%	4.078%
39	11.492	1596	1599	1602	rVV	467672	402883	18.71%	1.295%
40	11.527	1602	1605	1608	rVV2	45871	61310	2.85%	0.197%
41	11.575	1611	1613	1619	rVV5	18095	27677	1.28%	0.089%
42	11.651	1621	1626	1632	rVV	111272	144662	6.72%	0.465%
43	11.710	1632	1636	1640	rVV2	63025	90271	4.19%	0.290%
44	11.745	1640	1642	1648	rVV2	49590	58620	2.72%	0.188%
45	11.798	1648	1651	1654	rVV	325527	272514	12.65%	0.876%
46	11.833	1654	1657	1660	rVB	37392	42757	1.99%	0.137%
47	11.922	1668	1672	1674	rVV	216237	243442	11.30%	0.782%
48	11.945	1674	1676	1680	rVV	290853	291326	13.53%	0.936%
49	11.992	1681	1684	1687	rVV	116127	117000	5.43%	0.376%
50	12.033	1687	1691	1693	rVV2	411990	422946	19.64%	1.359%
51	12.051	1693	1694	1700	rVB	150578	127371	5.91%	0.409%
52	12.104	1700	1703	1705	rBV2	45297	43264	2.01%	0.139%
53	12.216	1718	1722	1724	rVV	192762	177618	8.25%	0.571%
54	12.245	1724	1727	1732	rVB	79808	83647	3.88%	0.269%
55	12.363	1745	1747	1750	rVV2	57734	55802	2.59%	0.179%
56	12.392	1750	1752	1755	rVV	64379	64155	2.98%	0.206%
57	12.422	1755	1757	1759	rVB2	58074	43875	2.04%	0.141%
58	12.469	1761	1765	1766	rBV	155478	147962	6.87%	0.475%
59	12.486	1766	1768	1770	rVV	508582	479854	22.28%	1.542%
60	12.510	1770	1772	1775	rVV	798575	679713	31.56%	2.184%
61	12.557	1777	1780	1784	rVV2	119928	140087	6.50%	0.450%
62	12.592	1784	1786	1789	rVB	145491	121846	5.66%	0.392%
63	12.639	1789	1794	1797	rBV	2031583	1905037	88.45%	6.121%
64	12.674	1797	1800	1802	rVV2	50297	54297	2.52%	0.174%
65	12.698	1802	1804	1806	rVV	59273	48425	2.25%	0.156%
66	12.727	1806	1809	1812	rVB3	63015	59339	2.75%	0.191%
67	12.786	1816	1819	1822	rVV	81508	80334	3.73%	0.258%
68	12.869	1826	1833	1838	rBV	1997236	2153873	100.00%	6.921%
69	12.916	1838	1841	1845	rVB2	103658	122471	5.69%	0.394%
70	13.004	1849	1856	1858	rBV	1384436	1251134	58.09%	4.020%
71	13.021	1858	1859	1863	rVB	89950	70409	3.27%	0.226%
72	13.080	1864	1869	1873	rBV2	157331	267261	12.41%	0.859%
73	13.192	1881	1888	1891	rVB	429017	569820	26.46%	1.831%
74	13.257	1896	1899	1902	rVV	295667	258862	12.02%	0.832%
75	13.298	1902	1906	1908	rVV2	234307	250279	11.62%	0.804%
76	13.321	1908	1910	1913	rVB	58560	59997	2.79%	0.193%

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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-091021

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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77	13.351	1913	1915	1919	rBV3	49445	43556	2.02%	0.140%
78	13.392	1919	1922	1924	rBV	154033	127159	5.90%	0.409%
79	13.421	1924	1927	1930	rBV	158198	155652	7.23%	0.500%
80	13.674	1967	1970	1972	rBV3	60557	74345	3.45%	0.239%
81	13.704	1972	1975	1979	rVB	114000	133639	6.20%	0.429%
82	13.816	1991	1994	1996	rVV	131400	111125	5.16%	0.357%
83	13.839	1996	1998	2000	rVV	147957	119150	5.53%	0.383%
84	13.863	2000	2002	2008	rVV3	113731	174004	8.08%	0.559%
85	13.910	2008	2010	2014	rVB	95793	90487	4.20%	0.291%
86	14.063	2031	2036	2039	rBV2	1146240	1689690	78.45%	5.429%
87	14.092	2039	2041	2048	rVB	841200	705962	32.78%	2.268%
88	14.174	2052	2055	2057	rBV	136263	115396	5.36%	0.371%
89	14.216	2060	2062	2068	rBV6	62852	80286	3.73%	0.258%
90	14.415	2094	2096	2098	rBV	57531	54592	2.53%	0.175%
91	14.451	2098	2102	2106	rVV2	510670	740540	34.38%	2.380%
92	14.486	2106	2108	2111	rVB2	82207	71197	3.31%	0.229%
93	14.521	2112	2114	2117	rBV	116977	136770	6.35%	0.439%
94	14.598	2125	2127	2131	rVB	102553	90494	4.20%	0.291%
95	15.121	2212	2216	2219	rBV	506183	727572	33.78%	2.338%
96	15.233	2232	2235	2239	rVB	109143	112566	5.23%	0.362%
97	15.433	2266	2269	2275	rVB	314253	387983	18.01%	1.247%
98	15.498	2276	2280	2286	rVB	490526	609852	28.31%	1.960%
99	15.562	2287	2291	2294	rBV	483372	592705	27.52%	1.904%
100	17.074	2543	2548	2553	rVB2	159927	296793	13.78%	0.954%

Sum of corrected areas: 31121647

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Instrument :
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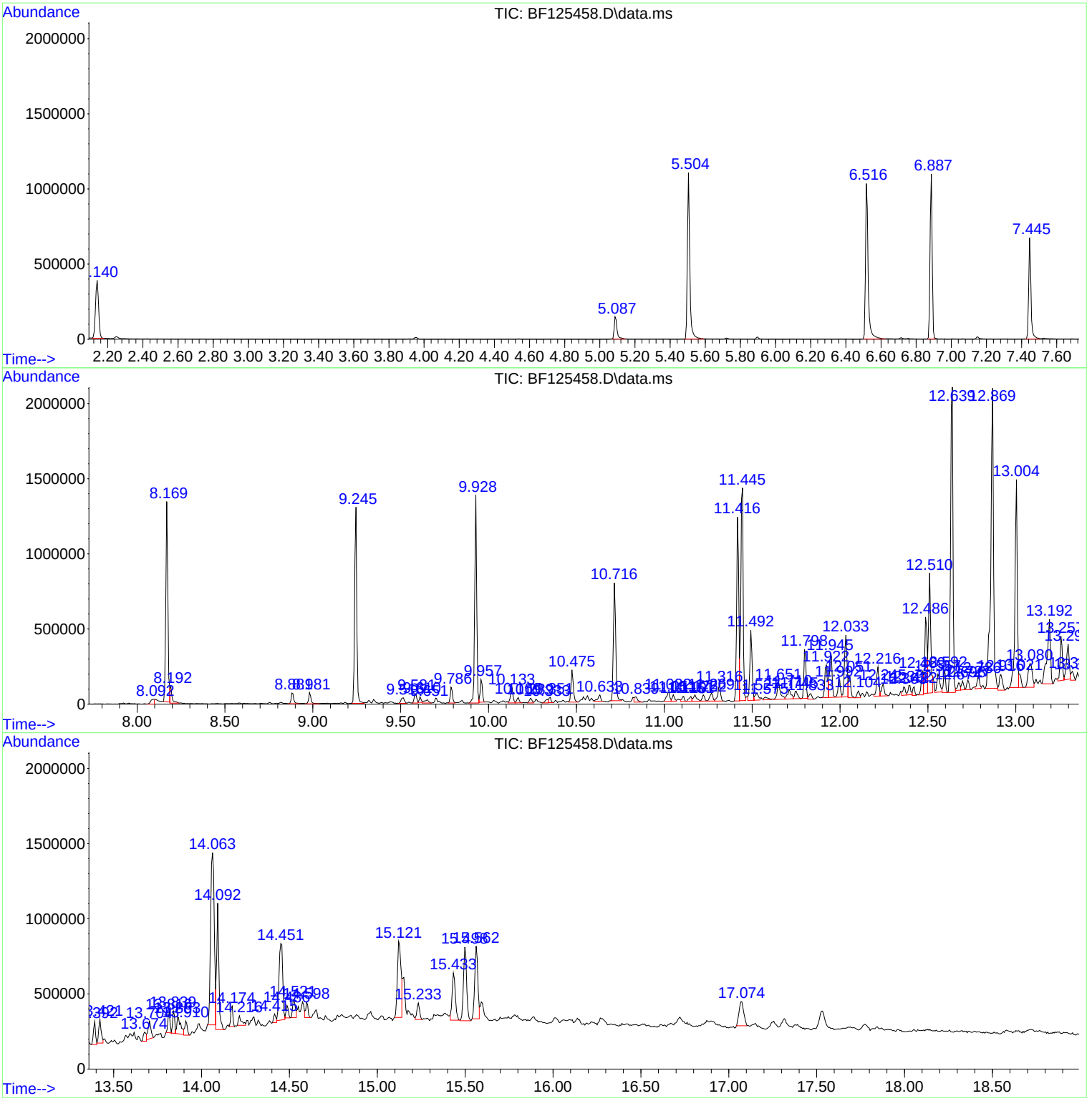
PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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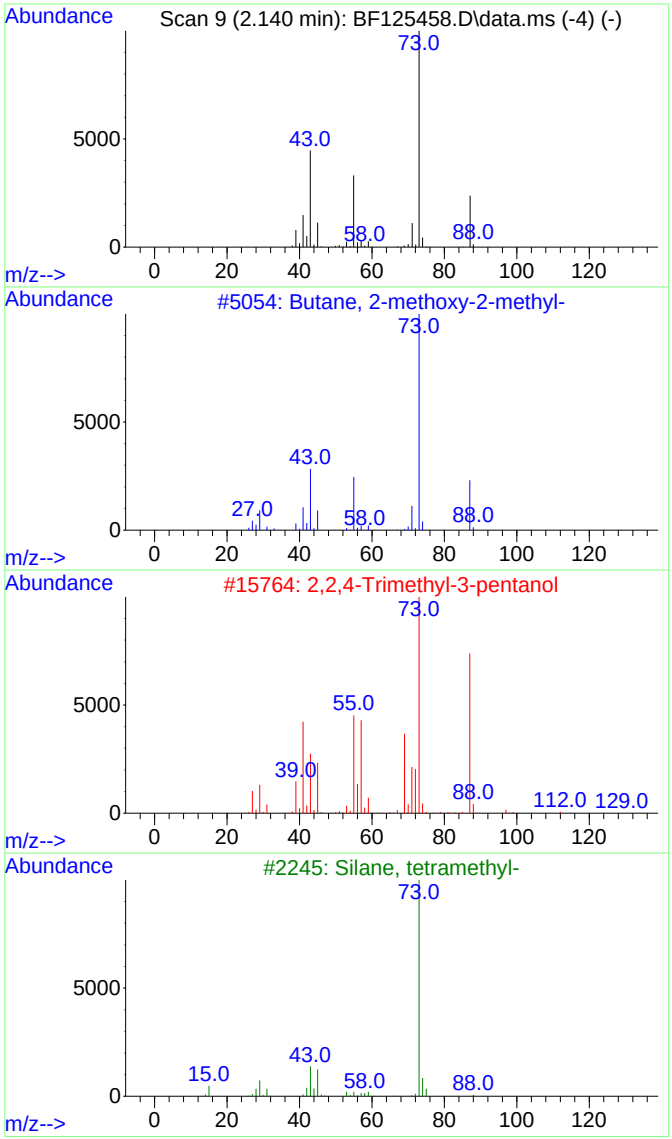
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

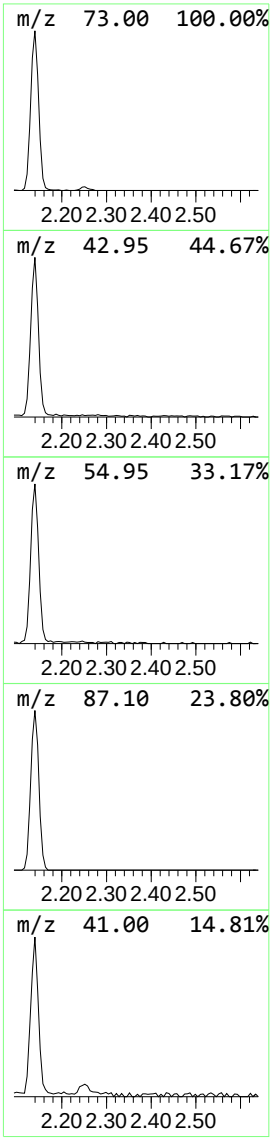
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	10.29 ng	472111	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
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Instrument :
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ClientSampleId :
PL-02-091021

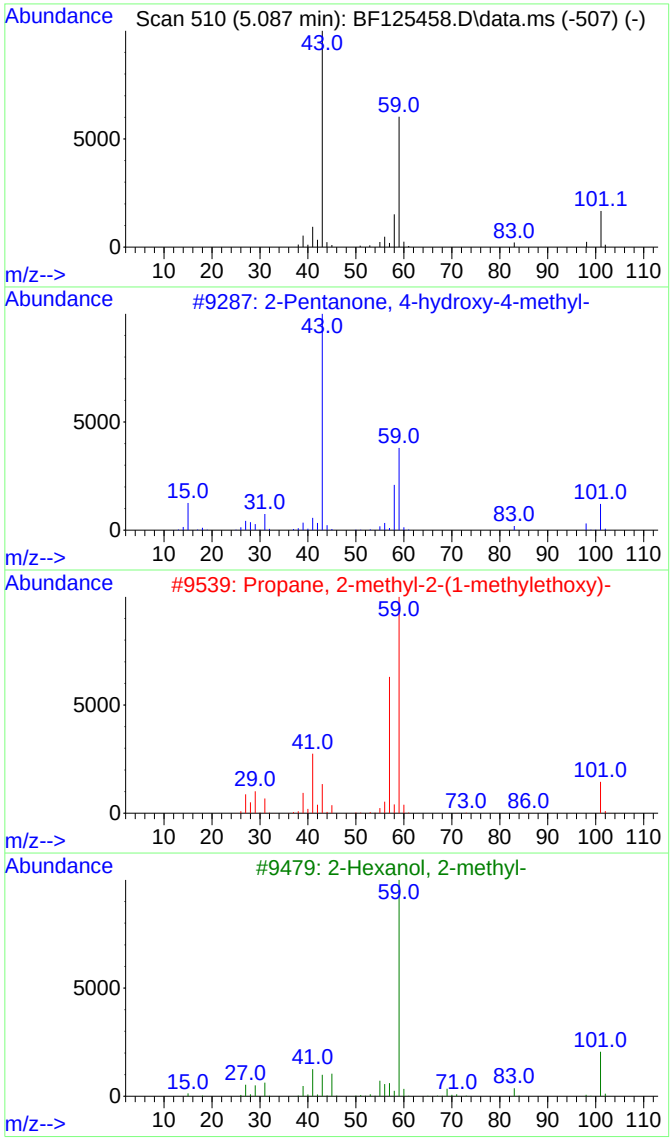
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

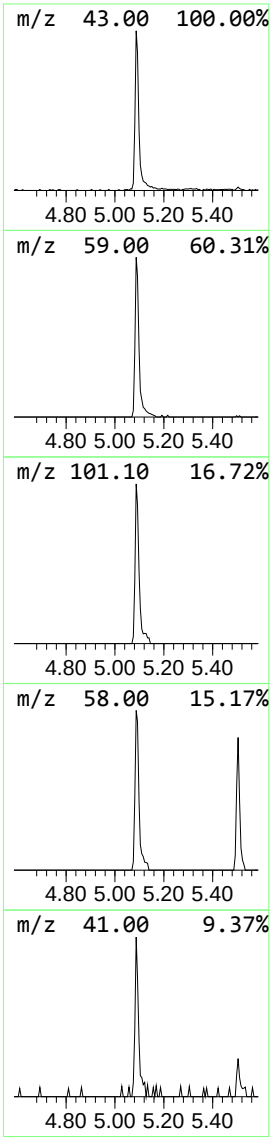
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	3.59 ng	164858	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	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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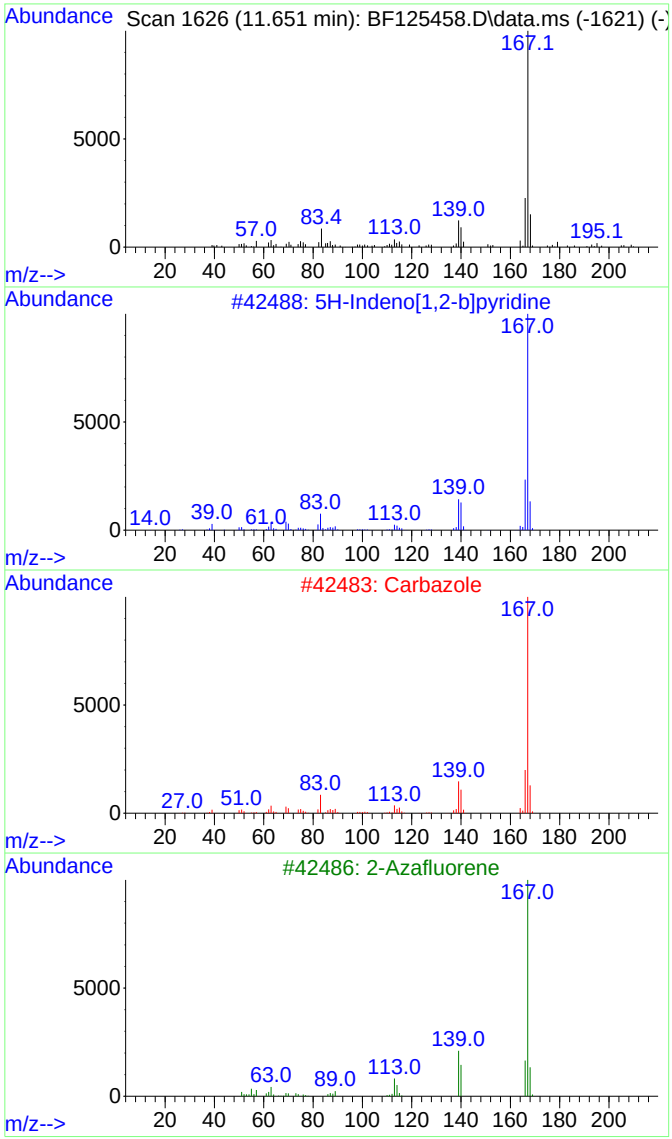
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

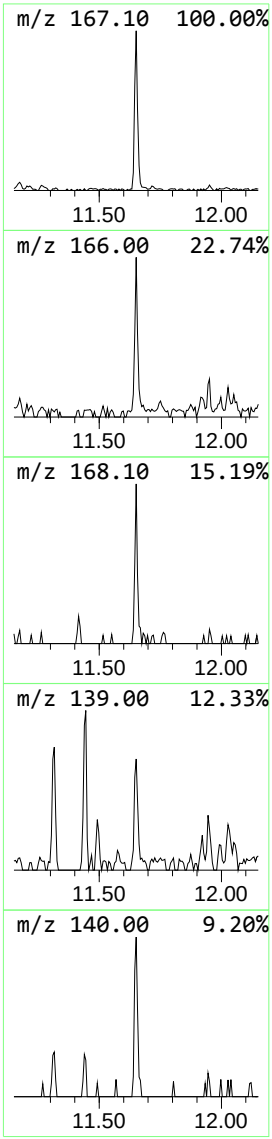
****

Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	2.79 ng	144662	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
2	Carbazole	167	C12H9N	000086-74-8	91
3	2-Azafluorene	167	C12H9N	000244-40-6	90
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	72
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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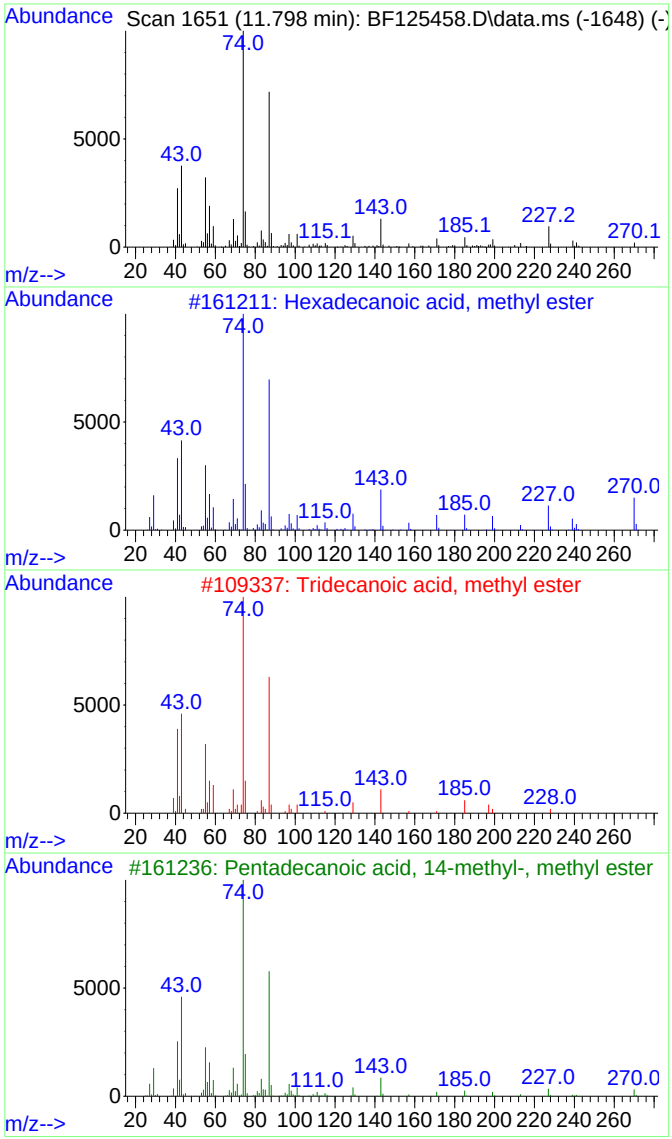
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

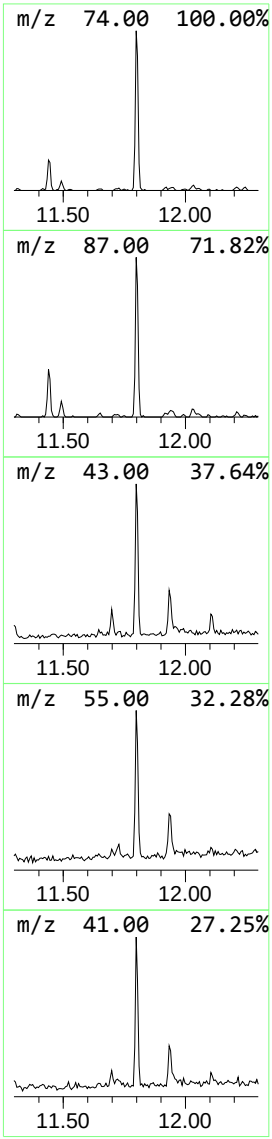
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	5.25 ng	272514	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125458.D
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Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

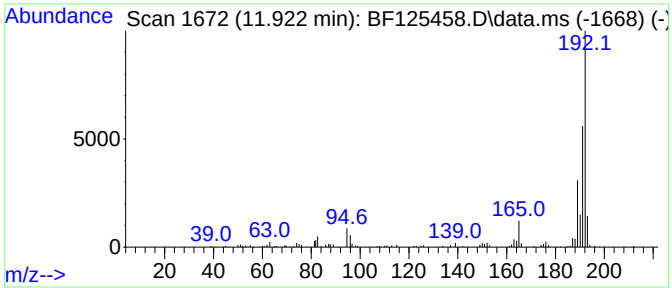
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

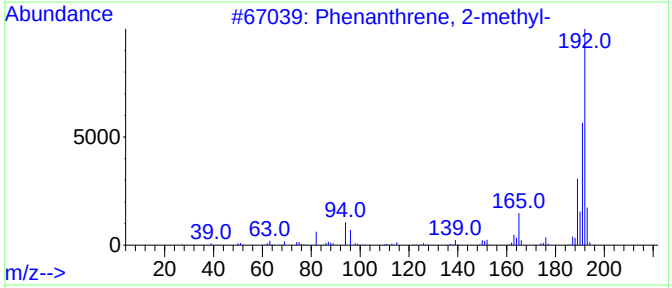
****

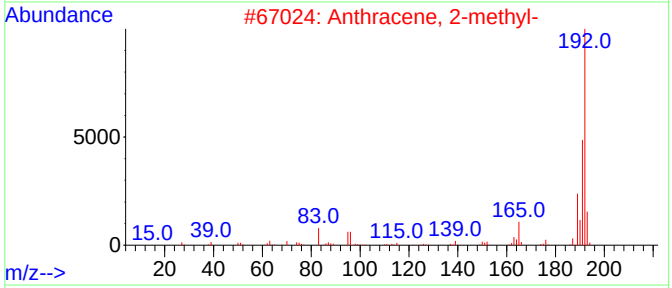
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

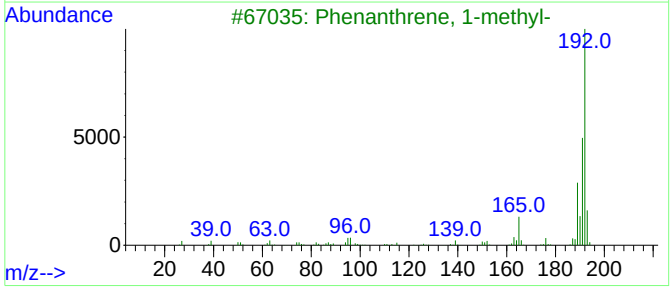
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.69 ng	243442	Phenanthrene-d10	11.416

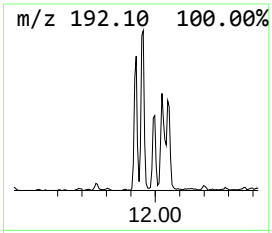
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93

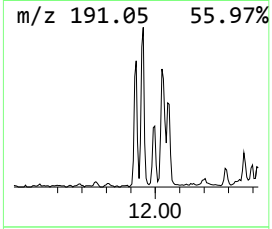


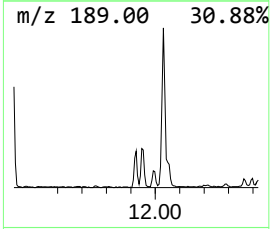


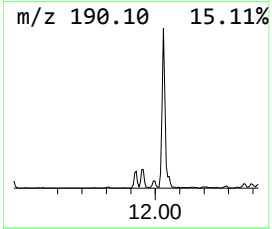


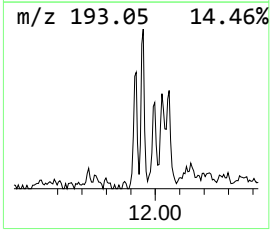












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Acq On : 13 Sep 2021 22:58
Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

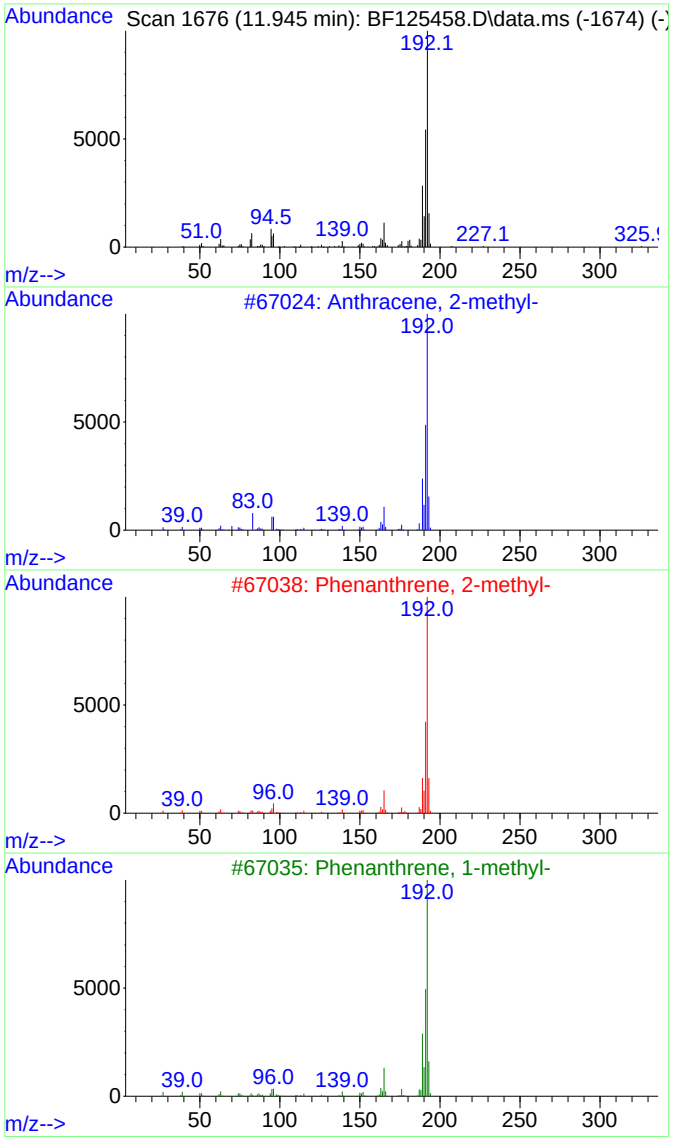
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

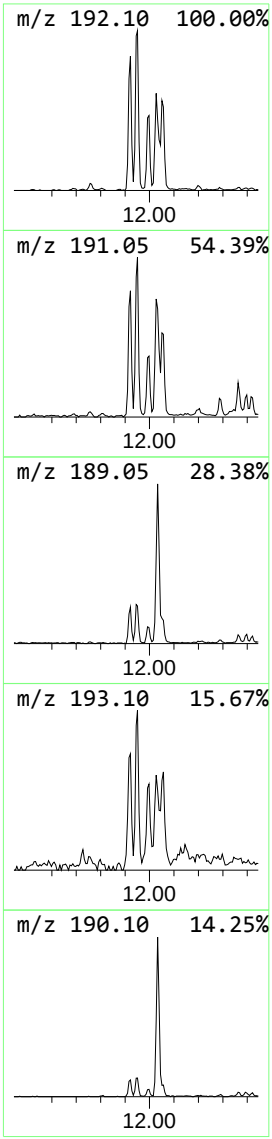
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.61 ng	291326	Phenanthrene-d10	11.416

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-091021

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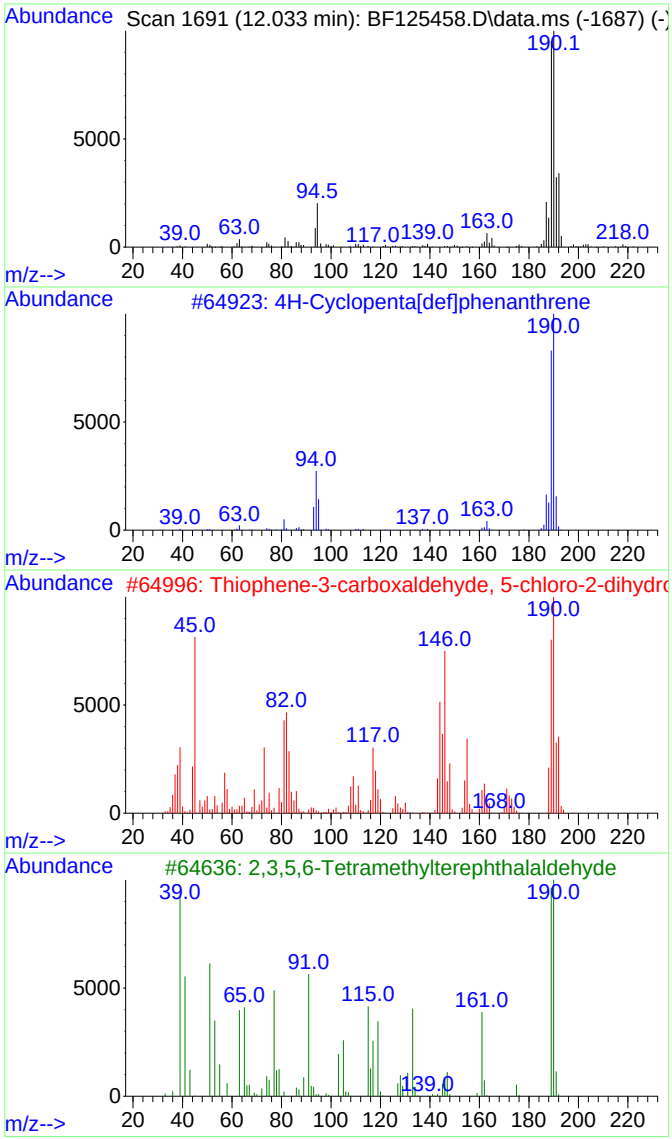
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

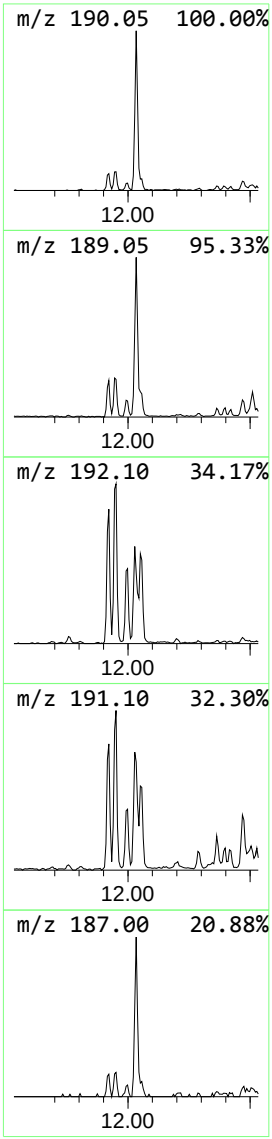
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	8.14 ng	422946	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27





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Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
PL-02-091021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

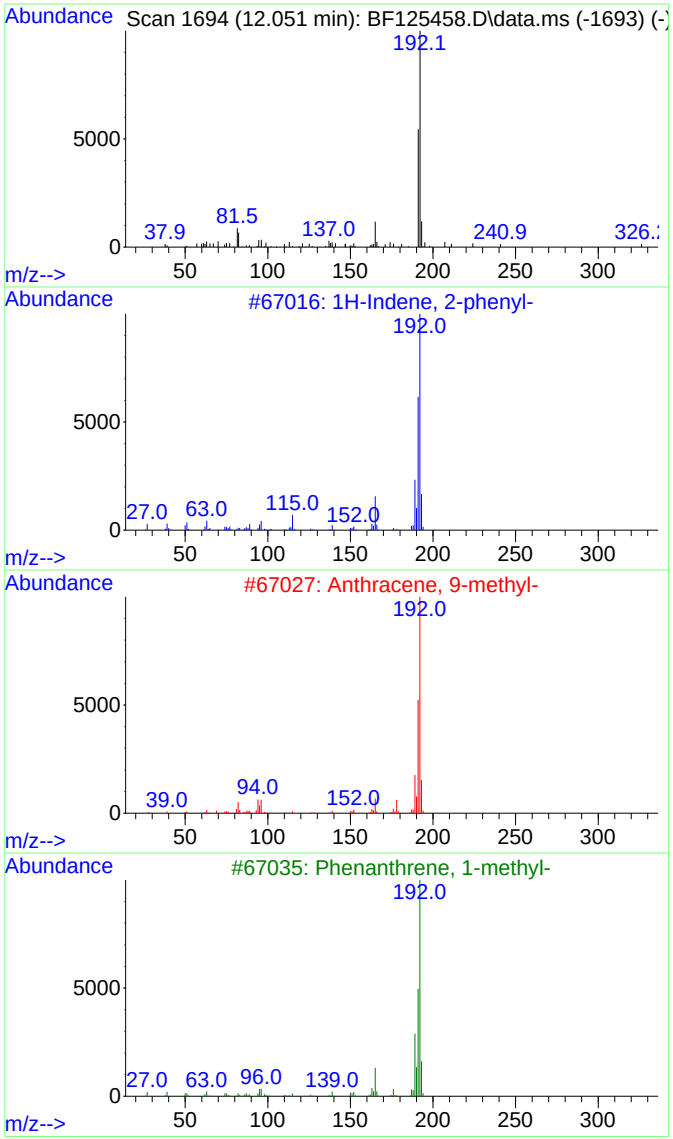
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

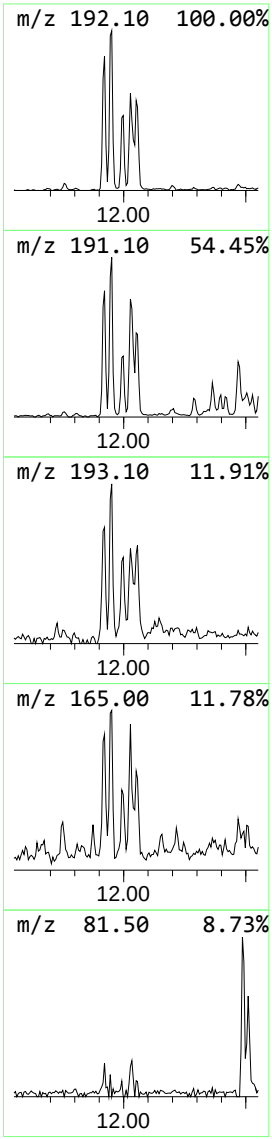
****

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	2.45 ng	127371	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





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Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

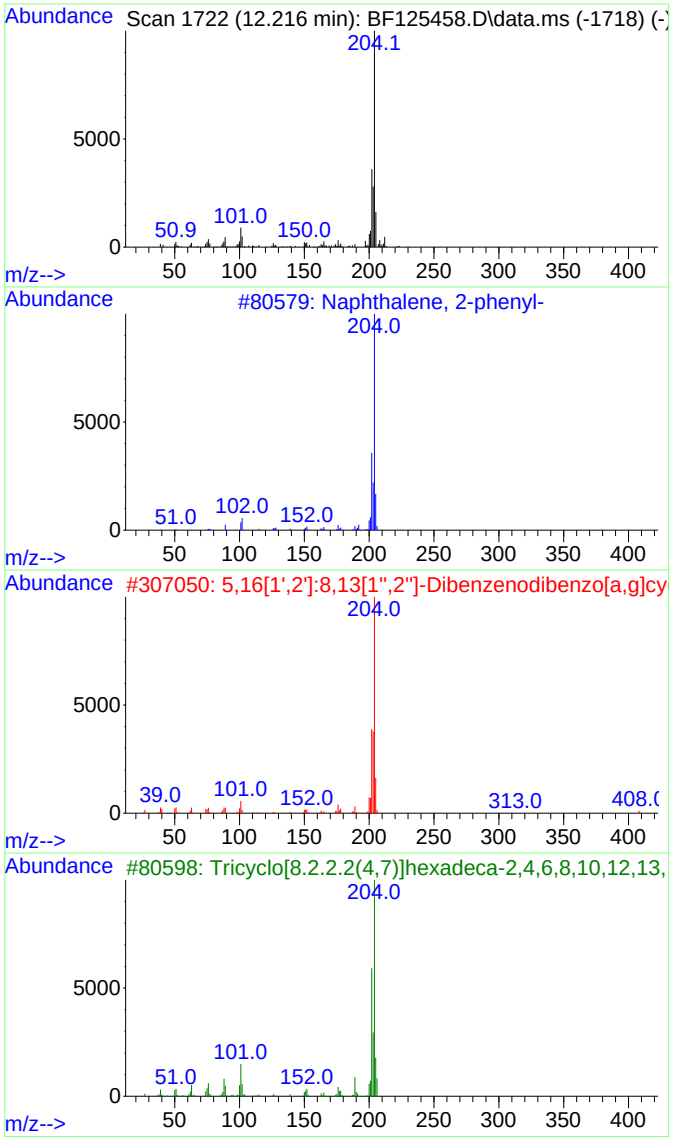
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

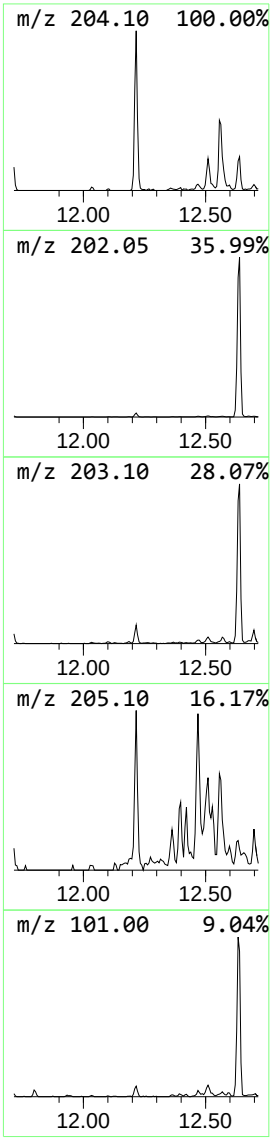
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	3.42 ng	177618	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	53





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Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

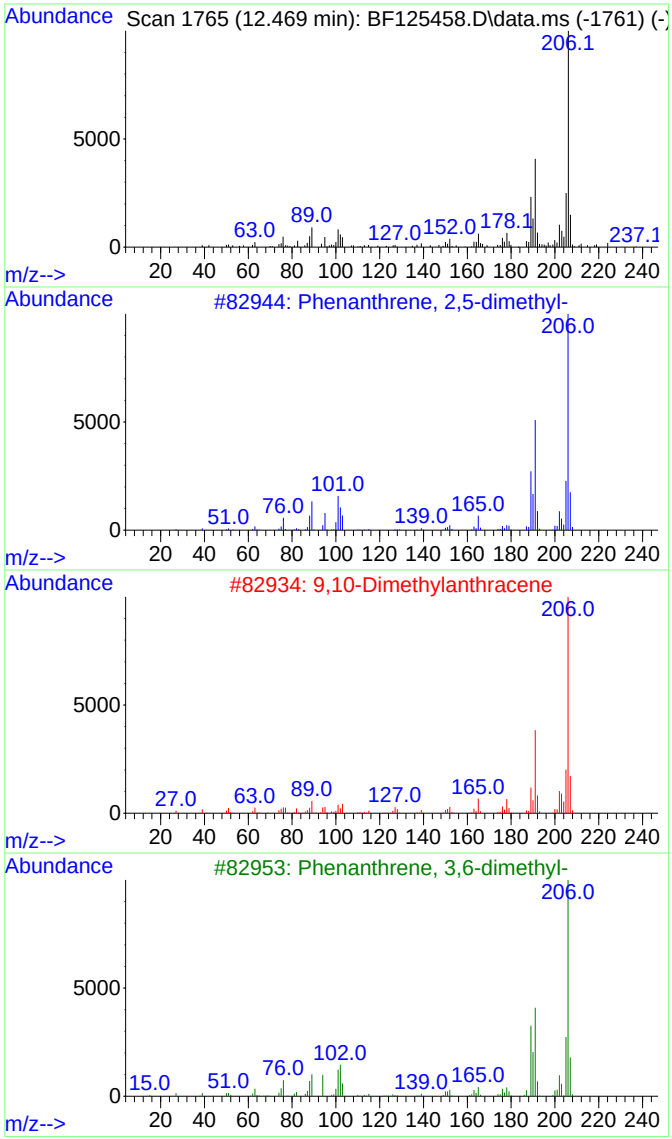
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

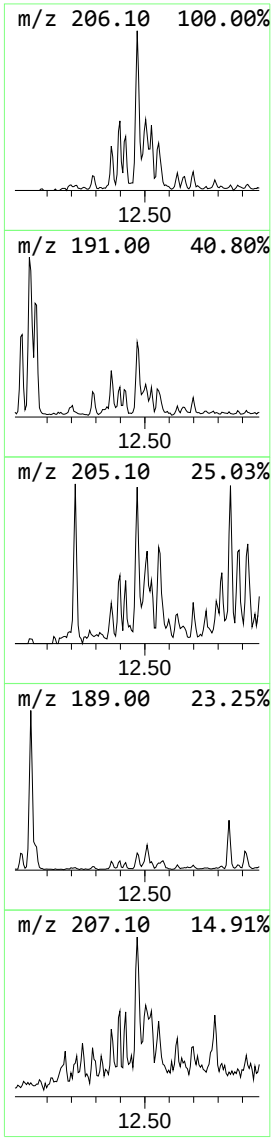
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.85 ng	147962	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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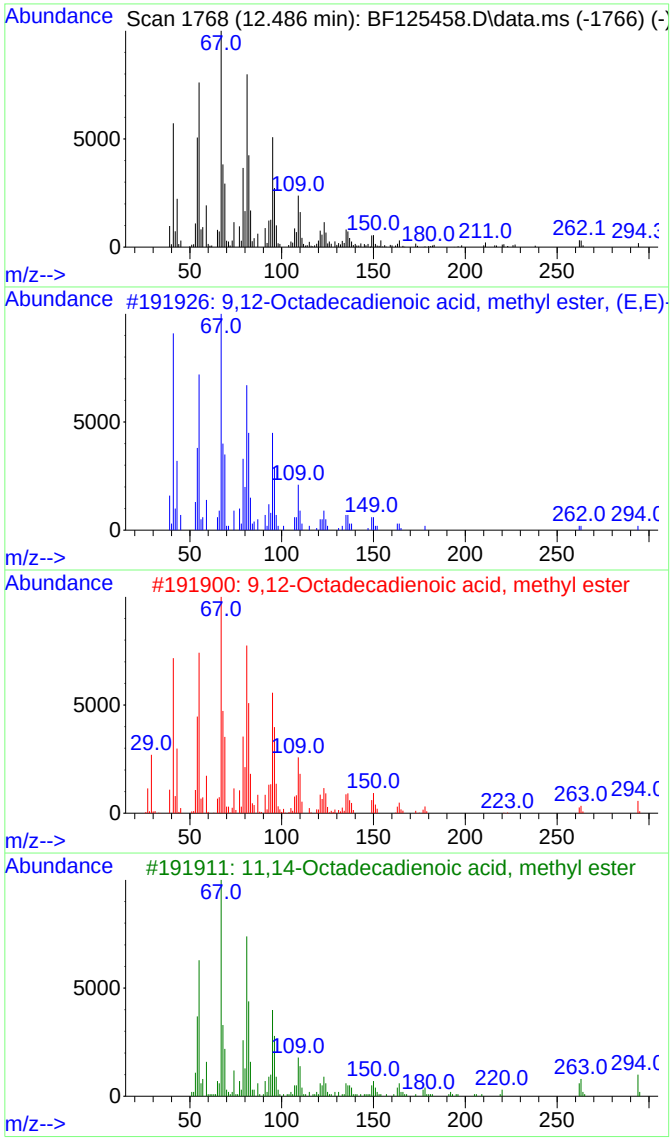
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

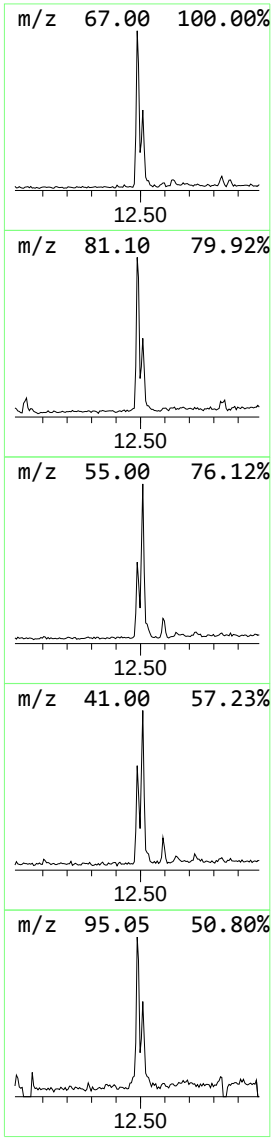
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	9.24 ng	479854	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
5	Linoelaidic acid	280	C18H32O2	000506-21-8	90





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Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-091021

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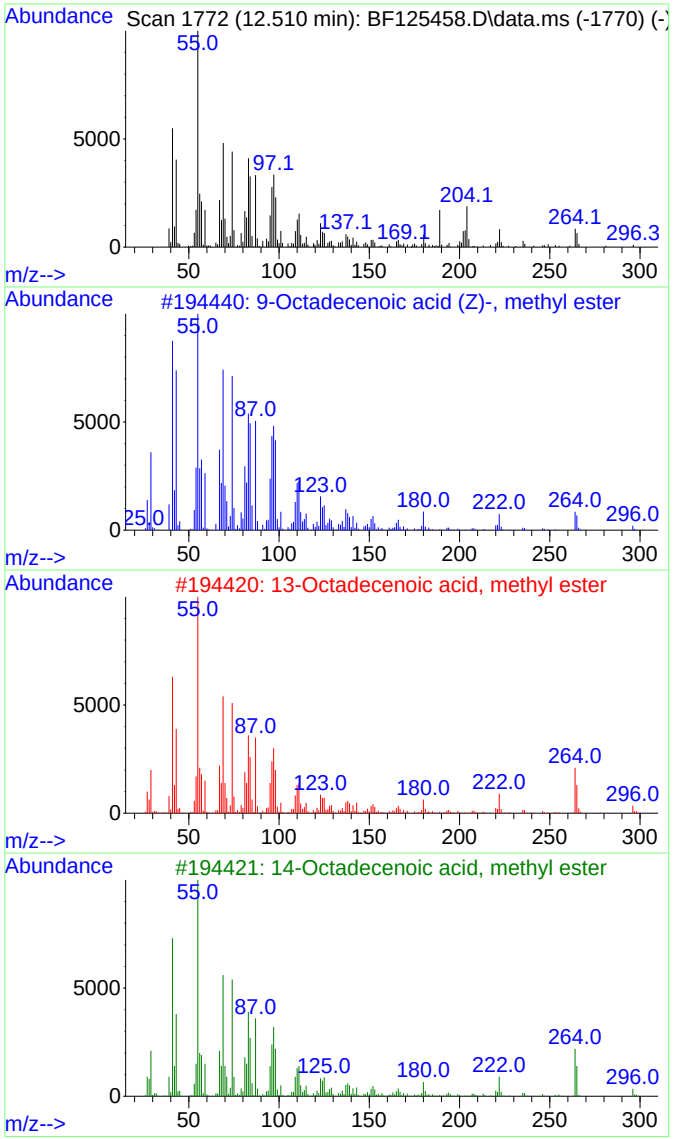
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

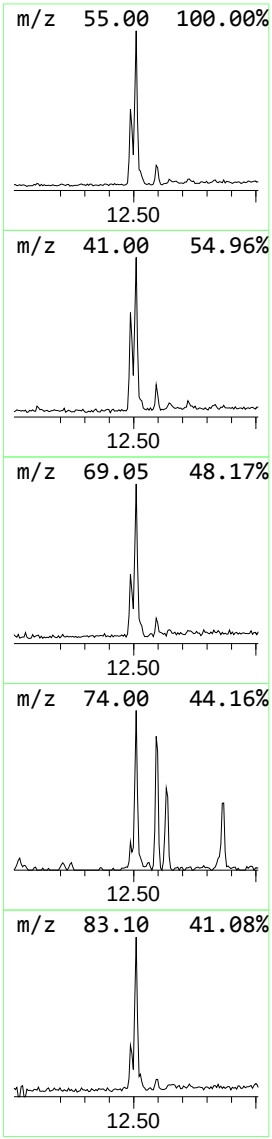
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	13.09 ng	679713	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	96
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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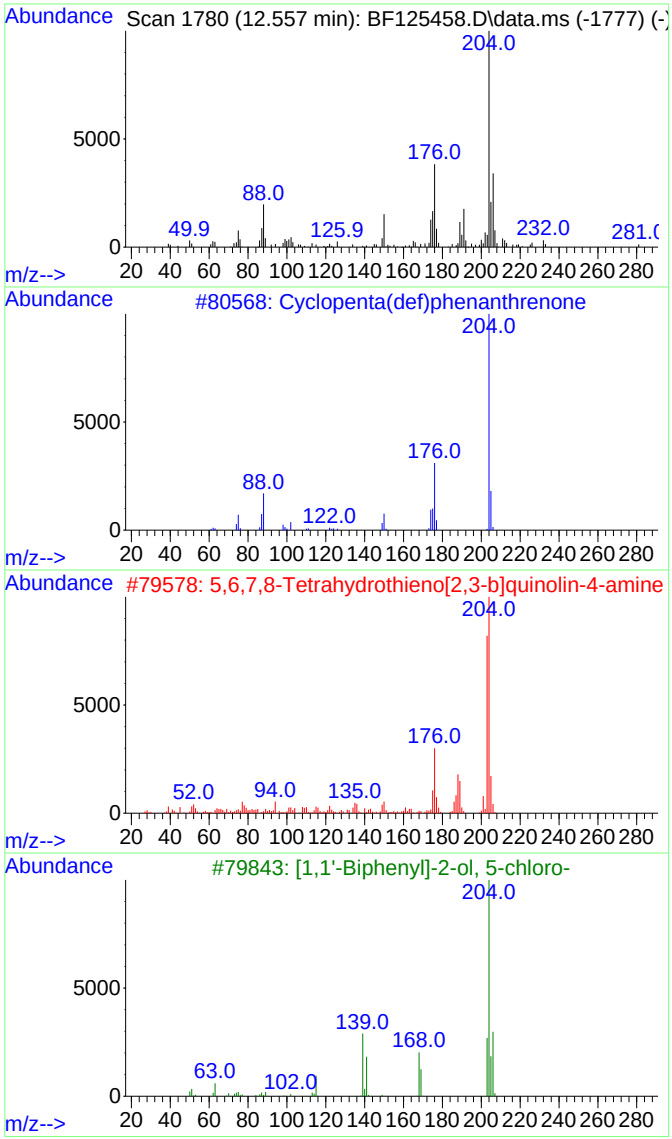
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

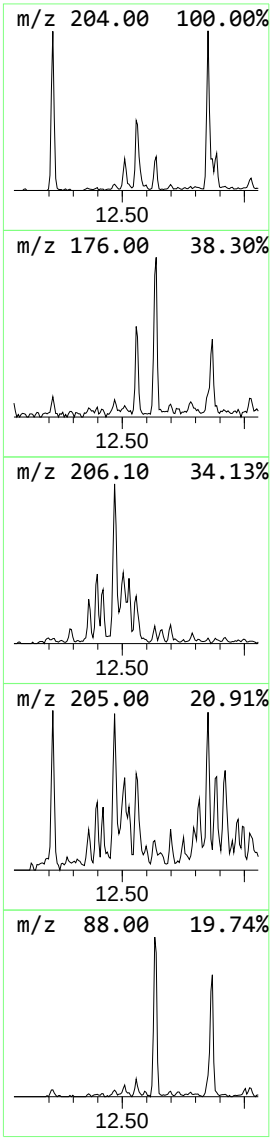
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	2.70 ng	140087	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43





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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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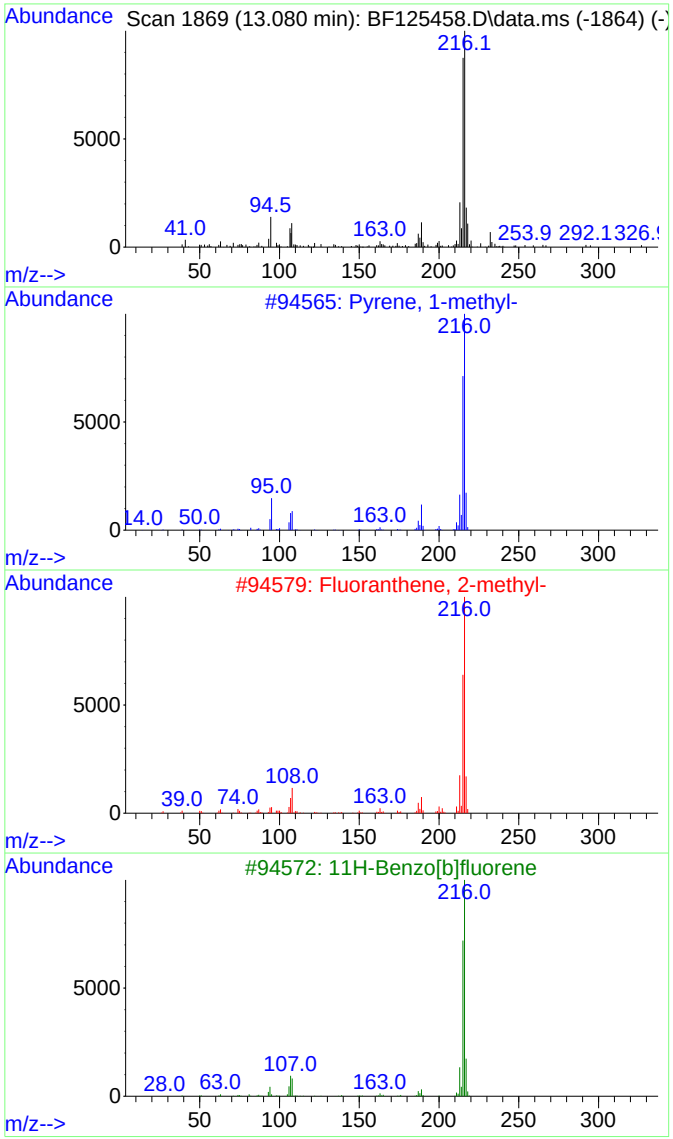
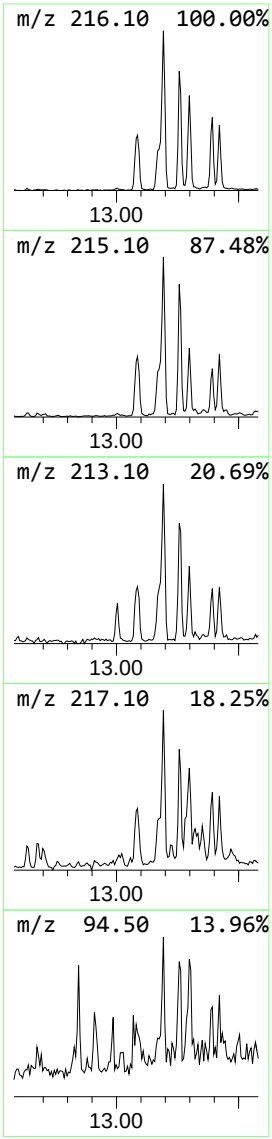
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	3.16 ng	267261	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
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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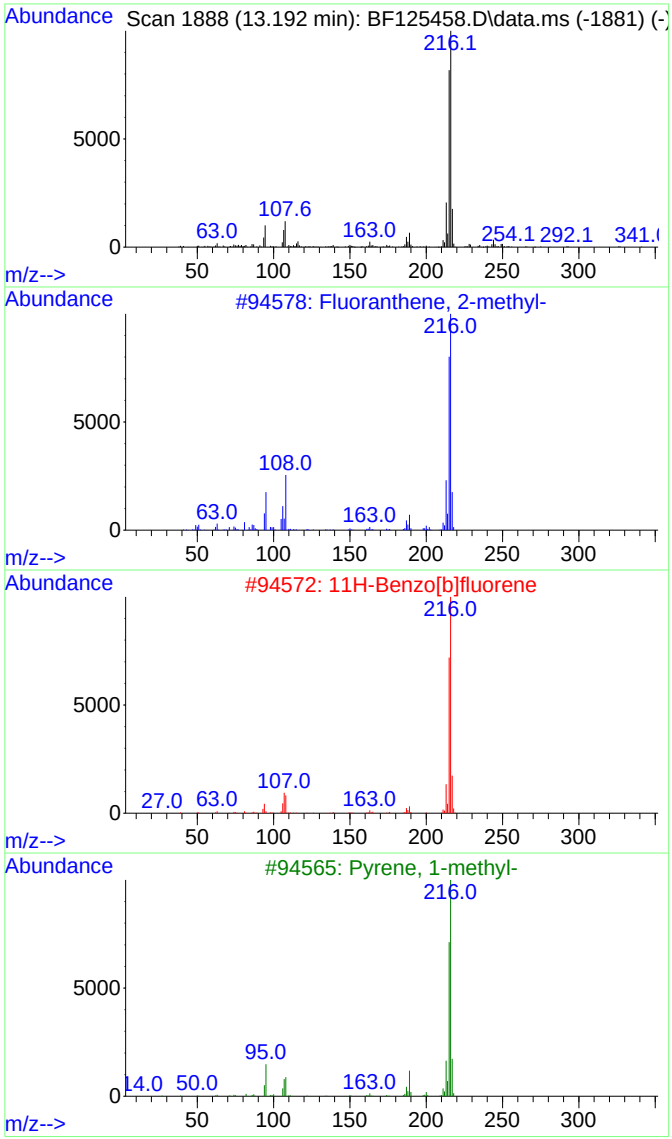
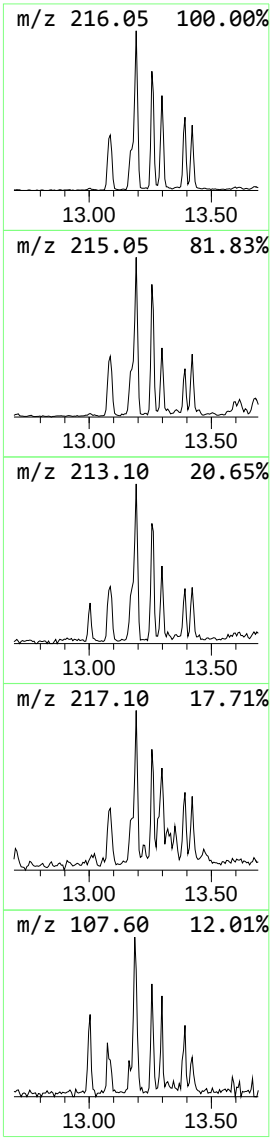
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	6.74 ng	569820	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Data File : BF125458.D
Acq On : 13 Sep 2021 22:58
Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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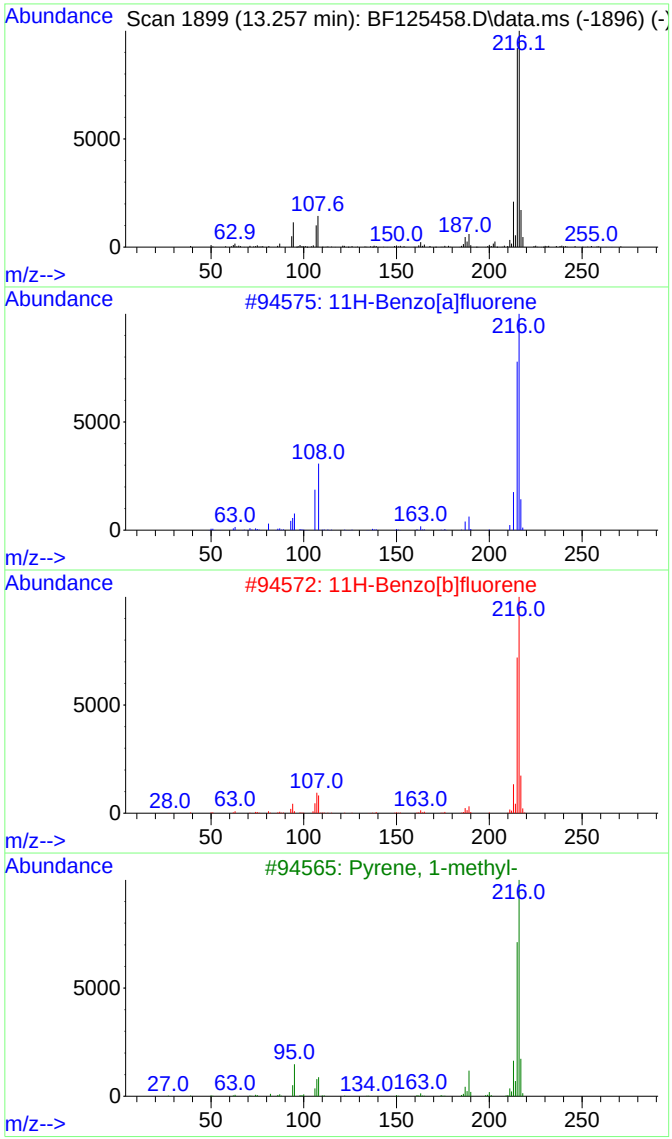
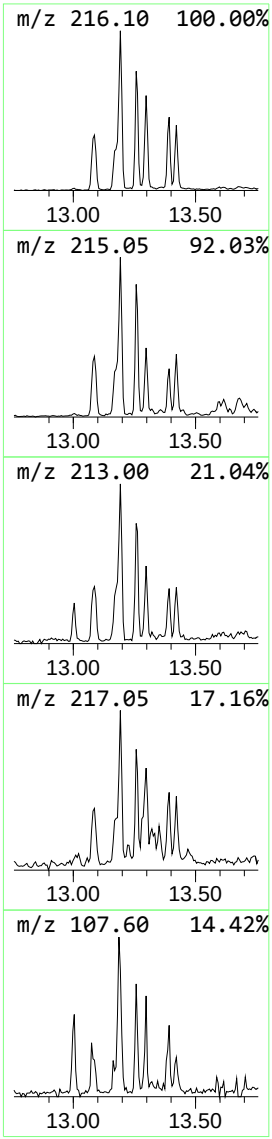
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	3.06 ng	258862	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Data File : BF125458.D
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Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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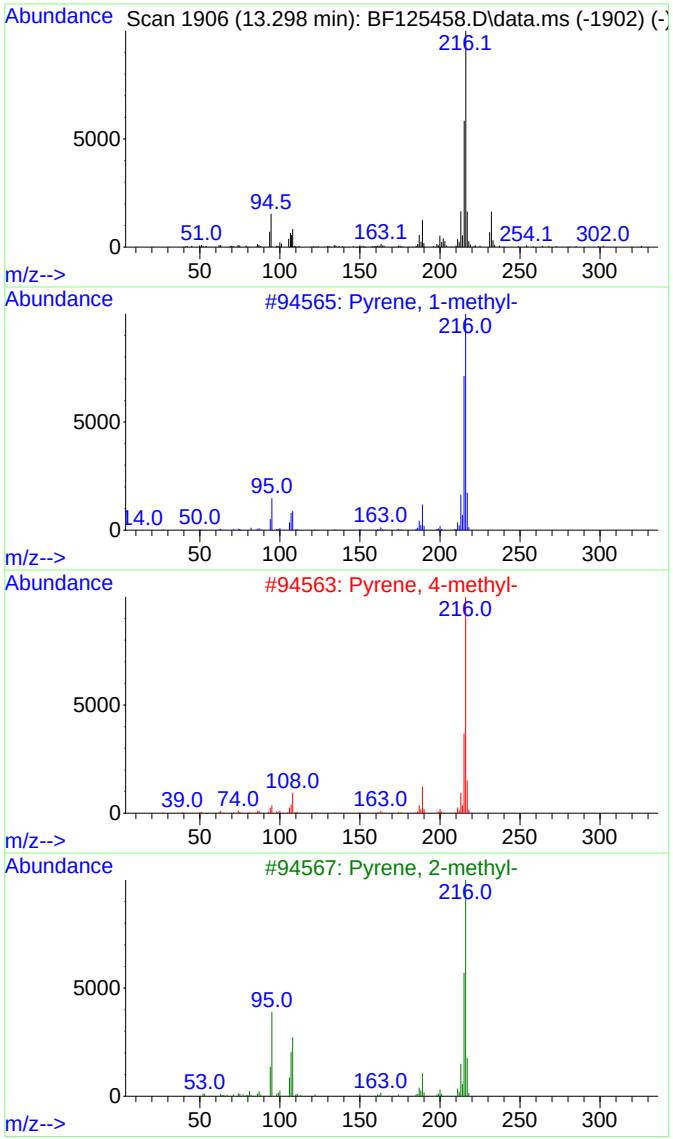
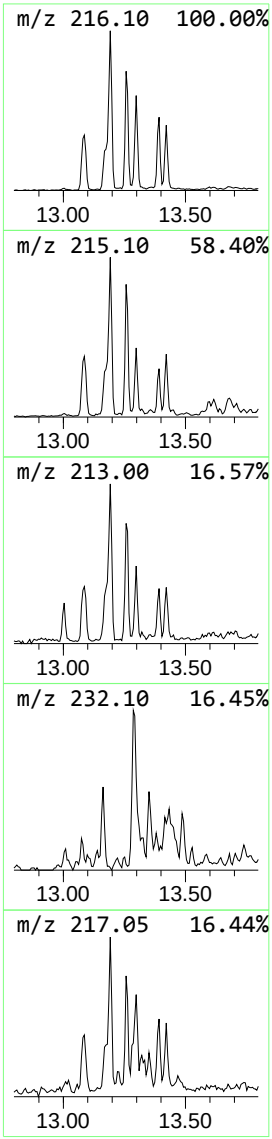
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	2.96 ng	250279	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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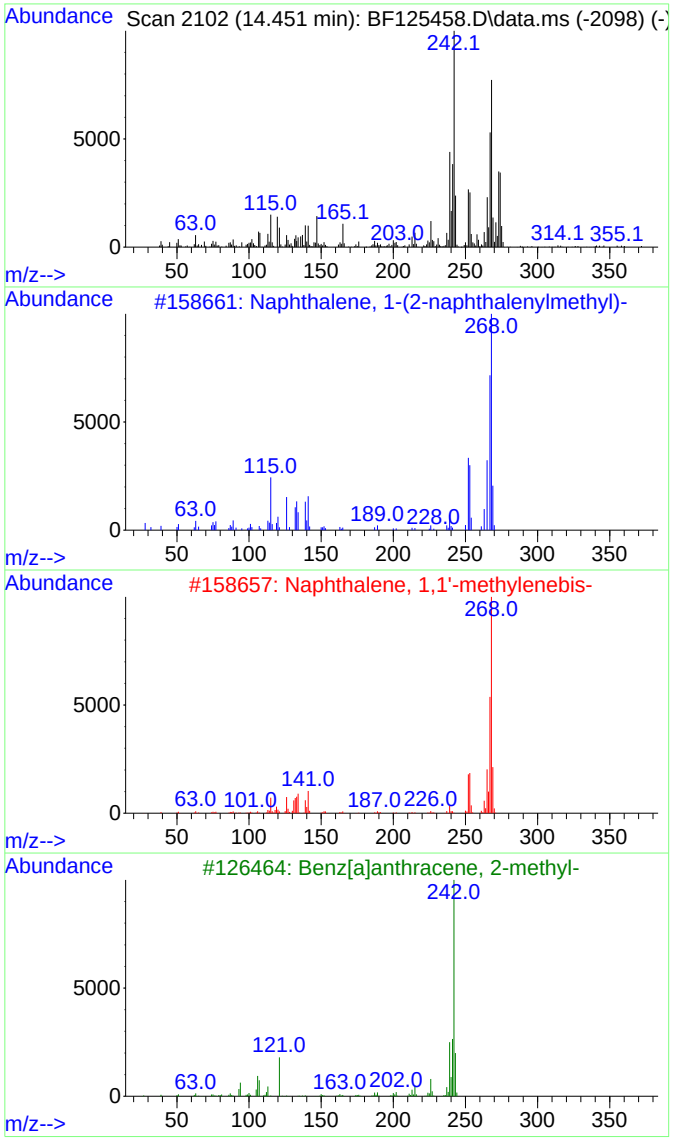
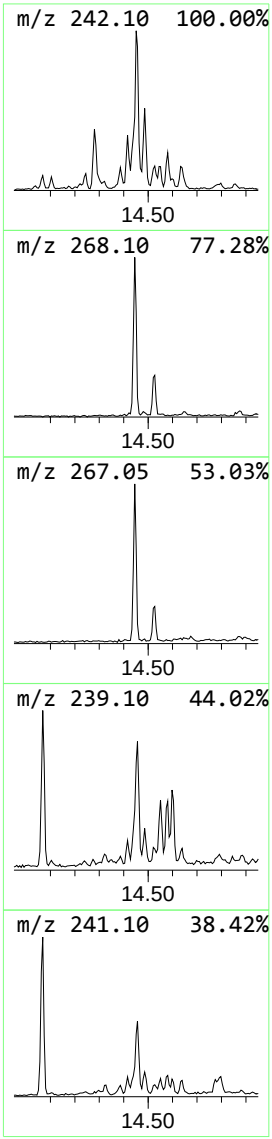
Peak Number 18 Naphthalene, 1-(2-naphthale... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	8.77 ng	740540	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	81
2	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	80
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	60
4	2-Methylchrysene	242	C19H14	003351-32-4	53
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	48





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Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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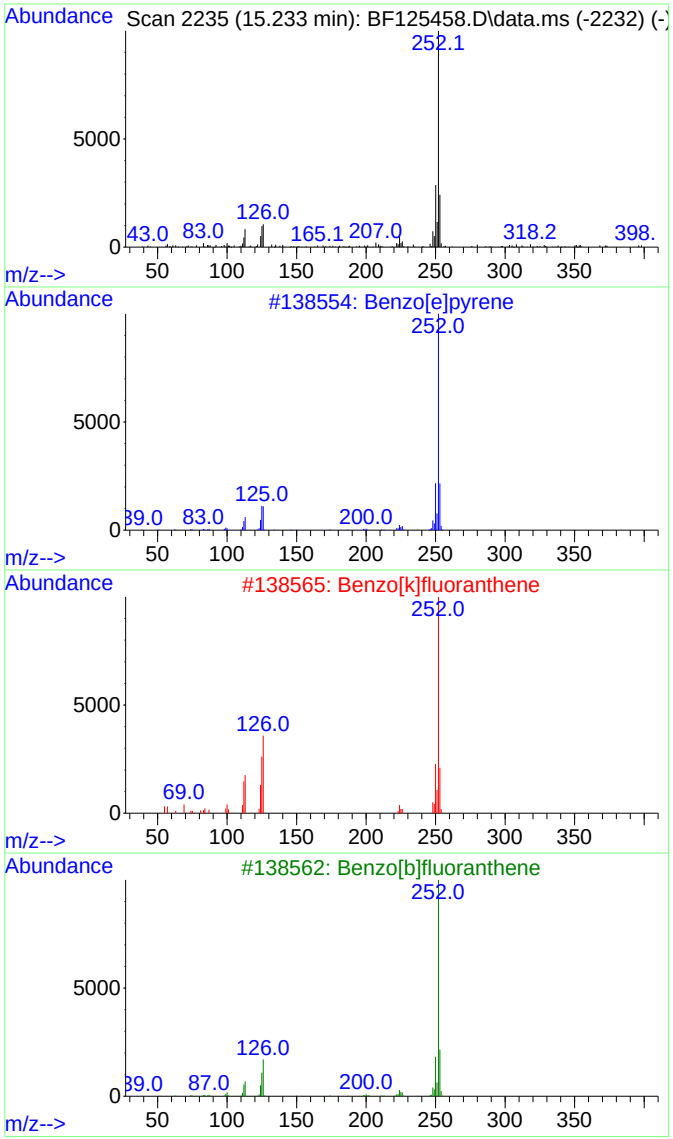
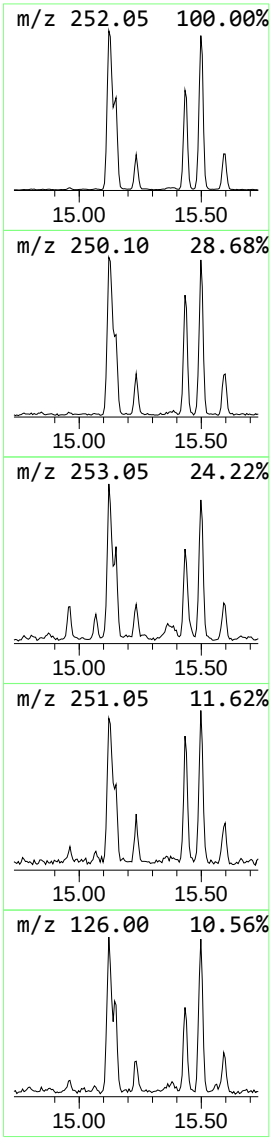
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	3.80 ng	112566	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Acq On : 13 Sep 2021 22:58
Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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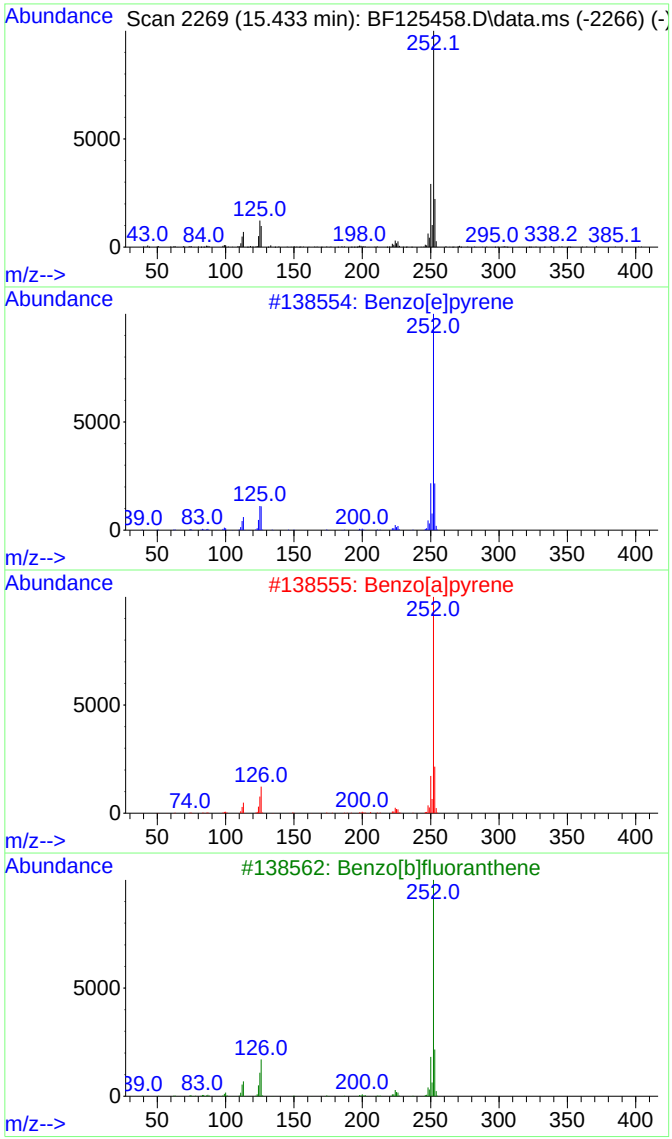
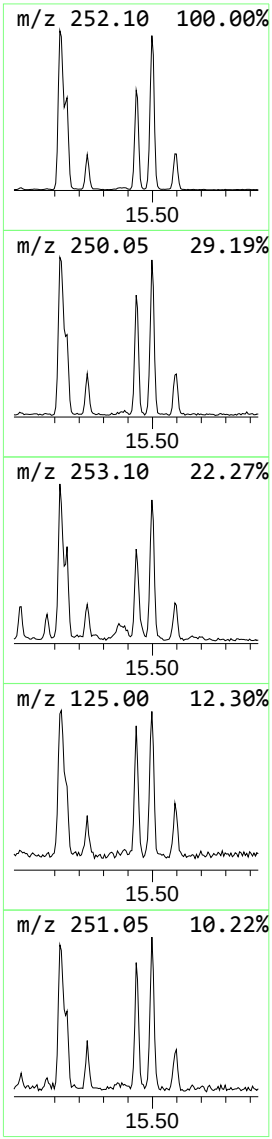
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	13.09 ng	387983	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125458.D
Acq On : 13 Sep 2021 22:58
Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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...	2.140	10.3	ng	472111	1	6.887	917590	20.0
2-Pentanone, 4-...	5.087	3.6	ng	164858	1	6.887	917590	20.0
5H-Indeno[1,2-b...	11.651	2.8	ng	144662	4	11.416	1038680	20.0
Hexadecanoic ac...	11.798	5.3	ng	272514	4	11.416	1038680	20.0
Phenanthrene, 2...	11.922	4.7	ng	243442	4	11.416	1038680	20.0
Anthracene, 2-m...	11.945	5.6	ng	291326	4	11.416	1038680	20.0
4H-Cyclopenta[d...	12.033	8.1	ng	422946	4	11.416	1038680	20.0
1H-Indene, 2-ph...	12.051	2.5	ng	127371	4	11.416	1038680	20.0
Naphthalene, 2-...	12.216	3.4	ng	177618	4	11.416	1038680	20.0
Phenanthrene, 2...	12.469	2.9	ng	147962	4	11.416	1038680	20.0
9,12-Octadecadi...	12.486	9.2	ng	479854	4	11.416	1038680	20.0
9-Octadecenoic ...	12.510	13.1	ng	679713	4	11.416	1038680	20.0
Cyclopenta(def)...	12.557	2.7	ng	140087	4	11.416	1038680	20.0
Pyrene, 1-methyl-	13.080	3.2	ng	267261	5	14.069	1689690	20.0
Fluoranthene, 2...	13.192	6.7	ng	569820	5	14.069	1689690	20.0
11H-Benzo[a]flu...	13.257	3.1	ng	258862	5	14.069	1689690	20.0
Pyrene, 4-methyl-	13.298	3.0	ng	250279	5	14.069	1689690	20.0
Naphthalene, 1-...	14.451	8.8	ng	740540	5	14.069	1689690	20.0
Benzo[e]pyrene	15.233	3.8	ng	112566	6	15.563	592705	20.0
Perylene	15.433	13.1	ng	387983	6	15.563	592705	20.0