LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125985.D
Acq On : 28 Oct 2021 13:08
Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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: BF125985.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	12	rVB	2273414	2779871	29.06%	2.105%
2	5.469	570	575	579	rBV	4332796	4551160	47.58%	3.446%
3	6.481	742	747	750	rBV	4421848	4629928	48.40%	3.506%
4	6.857	805	811	814	rBV	1434837	1133958	11.85%	0.859%
5	7.416	901	906	909	rBV	3251409	3018821	31.56%	2.286%
6	8.045	1009	1013	1025	rBV	1222562	1234278	12.90%	0.935%
7	8.139	1025	1029	1032	rBV	1744119	1398816	14.62%	1.059%
8	9.216	1207	1212	1215	rBV	5103036	4395277	45.95%	3.328%
9	9.551	1266	1269	1271	rBV	196454	165765	1.73%	0.126%
10	9.669	1285	1289	1291	rBV	151232	142859	1.49%	0.108%
11	9.892	1321	1327	1330	rBV	1838558	1700376	17.78%	1.288%
12	9.922	1330	1332	1335	rBV	247907	241209	2.52%	0.183%
13	10.051	1349	1354	1357	rBV2	116484	157487	1.65%	0.119%
14	10.092	1358	1361	1365	rBV	223258	200828	2.10%	0.152%
15	10.133	1365	1368	1370	rBV	224273	170750	1.79%	0.129%
16	10.210	1377	1381	1383	rBV	252586	252307	2.64%	0.191%
17	10.304	1393	1397	1403	rBV5	251554	357870	3.74%	0.271%
18	10.433	1417	1419	1421	rBV2	147925	143903	1.50%	0.109%
19	10.504	1426	1431	1433	rBV2	252297	301525	3.15%	0.228%
20	10.527	1433	1435	1437	rBV2	207167	168753	1.76%	0.128%
21	10.680	1456	1461	1464	rBV	2669281	2564272	26.81%	1.942%
22	10.722	1465	1468	1473	rVB2	523930	560483	5.86%	0.424%
23	10.763	1473	1475	1479	rBV4	104616	161255	1.69%	0.122%
24	10.804	1479	1482	1489	rVV2	377557	525255	5.49%	0.398%
25	10.880	1492	1495	1497	rBV3	141823	148993	1.56%	0.113%
26	11.016	1516	1518	1521	rBV3	160748	150561	1.57%	0.114%
27	11.180	1544	1546	1550	rVB2	226348	207163	2.17%	0.157%
28	11.274	1560	1562	1567	rVB2	285679	372361	3.89%	0.282%
29	11.380	1576	1580	1581	rBV	1192348	1165530	12.18%	0.883%
30	11.404	1581	1584	1587	rVV	3196722	2713510	28.37%	2.055%
31	11.451	1589	1592	1595	rVB	877453	701027	7.33%	0.531%
32	11.674	1628	1630	1633	rVB	552941	450932	4.71%	0.341%
33	11.710	1633	1636	1639	rBV	490001	365320	3.82%	0.277%
34	11.833	1655	1657	1660	rBV2	265947	269306	2.82%	0.204%
35	11.880	1662	1665	1667	rVV	1376611	1323269	13.83%	1.002%
36	11.910	1667	1670	1673	rVV	1984271	1700734	17.78%	1.288%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125985.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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	11.957	1675	1678	1680	rVV	436770	363300	3.80%	0.275%
38	11.992	1680	1684	1686	rVV	2372052	2405041	25.14%	1.821%
39	12.016	1686	1688	1691	rVB	1625398	1245105	13.02%	0.943%
40	12.069	1694	1697	1699	rBV2	259913	270489	2.83%	0.205%
41	12.174	1713	1715	1717	rBV	903868	783447	8.19%	0.593%
42	12.198	1717	1719	1726	rVB2	973858	1034144	10.81%	0.783%
43	12.304	1735	1737	1739	rBV	211125	216139	2.26%	0.164%
44	12.327	1739	1741	1744	rVV2	572427	505559	5.29%	0.383%
45	12.357	1744	1746	1748	rVV	518144	435884	4.56%	0.330%
46	12.380	1748	1750	1753	rVB	464203	384897	4.02%	0.291%
47	12.433	1756	1759	1762	rBV	1378462	1342152	14.03%	1.016%
48	12.468	1762	1765	1767	rVV2	688272	778350	8.14%	0.589%
49	12.492	1767	1769	1771	rVB	422475	276532	2.89%	0.209%
50	12.516	1771	1773	1778	rVB2	1264880	1275911	13.34%	0.966%
51	12.598	1781	1787	1790	rBV	5030299	5249655	54.88%	3.975%
52	12.639	1792	1794	1796	rBV	375012	384045	4.01%	0.291%
53	12.727	1806	1809	1816	rBV2	660870	1057575	11.06%	0.801%
54	12.839	1821	1828	1831	rBV	7055425	9565418	100.00%	7.243%
55	12.968	1846	1850	1856	rVB	3858105	3823819	39.98%	2.895%
56	13.045	1859	1863	1870	rVV2	1424653	2247043	23.49%	1.702%
57	13.098	1870	1872	1874	rVV2	383427	353904	3.70%	0.268%
58	13.127	1874	1877	1884	rVB3	1185008	2476142	25.89%	1.875%
59	13.257	1895	1899	1901	rBV	1920969	1780851	18.62%	1.349%
60	13.280	1901	1903	1906	rVB2	300961	293369	3.07%	0.222%
61	13.351	1911	1915	1917	rBV	1551628	1318665	13.79%	0.999%
62	13.380	1917	1920	1923	rVB	1713360	1472160	15.39%	1.115%
63	13.451	1929	1932	1938	rVB2	739324	732018	7.65%	0.554%
64	13.598	1955	1957	1961	rVB2	331930	289995	3.03%	0.220%
65	13.657	1963	1967	1969	rBV	1541952	1413346	14.78%	1.070%
66	13.721	1976	1978	1980	rVB	259042	212428	2.22%	0.161%
67	13.763	1981	1985	1989	rBV2	1295653	1745313	18.25%	1.322%
68	13.798	1989	1991	1993	rVV	1479533	1252942	13.10%	0.949%
69	13.821	1993	1995	1998	rVV	936863	887842	9.28%	0.672%
70	13.863	1999	2002	2010	rVB	1141484	1816323	18.99%	1.375%
71	14.015	2023	2028	2031	rBV2	4309630	6098624	63.76%	4.618%
72	14.057	2031	2035	2038	rVB	3986158	4746413	49.62%	3.594%
73	14.110	2042	2044	2046	rBV	233669	254687	2.66%	0.193%
74	14.274	2070	2072	2075	rVB	441334	326545	3.41%	0.247%
75	14.368	2086	2088	2091	rBV2	518340	592155	6.19%	0.448%
76	14.410	2091	2095	2098	rVV	1820667	2041921	21.35%	1.546%

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Misc :
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ClientSampleId : C3

Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.445	2098	2101	2104	rVV	1242945	1296361	13.55%	0.982%
78	14.498	2104	2110	2113	rVV3	752221	1495491	15.63%	1.132%
79	14.533	2113	2116	2118	rVV	1040186	1095355	11.45%	0.829%
80	14.557	2118	2120	2123	rVV	653944	599660	6.27%	0.454%
81	14.604	2125	2128	2132	rVB2	544959	579103	6.05%	0.439%
82	14.657	2133	2137	2141	rVB	3685353	3399197	35.54%	2.574%
83	14.710	2143	2146	2149	rBV2	226540	256529	2.68%	0.194%
84	14.886	2172	2176	2178	rBV2	622542	727779	7.61%	0.551%
85	14.968	2187	2190	2200	rVB3	429351	708203	7.40%	0.536%
86	15.068	2201	2207	2210	rBV2	2542133	4451473	46.54%	3.371%
87	15.145	2218	2220	2222	rBV2	158848	169182	1.77%	0.128%
88	15.168	2222	2224	2227	rVB	439213	384497	4.02%	0.291%
89	15.368	2253	2258	2264	rVV	1809485	2226607	23.28%	1.686%
90	15.433	2264	2269	2274	rVB	2253590	2883313	30.14%	2.183%
91	15.492	2274	2279	2281	rBV2	739081	1016512	10.63%	0.770%
92	15.521	2281	2284	2290	rVB2	560468	970507	10.15%	0.735%
93	15.804	2329	2332	2336	rBV2	199311	286217	2.99%	0.217%
94	15.968	2356	2360	2364	rBV	453147	717015	7.50%	0.543%
95	16.404	2431	2434	2441	rVB2	236758	378616	3.96%	0.287%
96	16.786	2492	2499	2506	rVB3	272067	716158	7.49%	0.542%
97	16.951	2521	2527	2533	rVB2	734062	1423826	14.89%	1.078%
98	17.127	2552	2557	2562	rBV	210569	365068	3.82%	0.276%
99	17.180	2562	2566	2571	rVB2	205577	336084	3.51%	0.254%
100	17.392	2595	2602	2610	rVB	632522	1302625	13.62%	0.986%

Sum of corrected areas: 132061238

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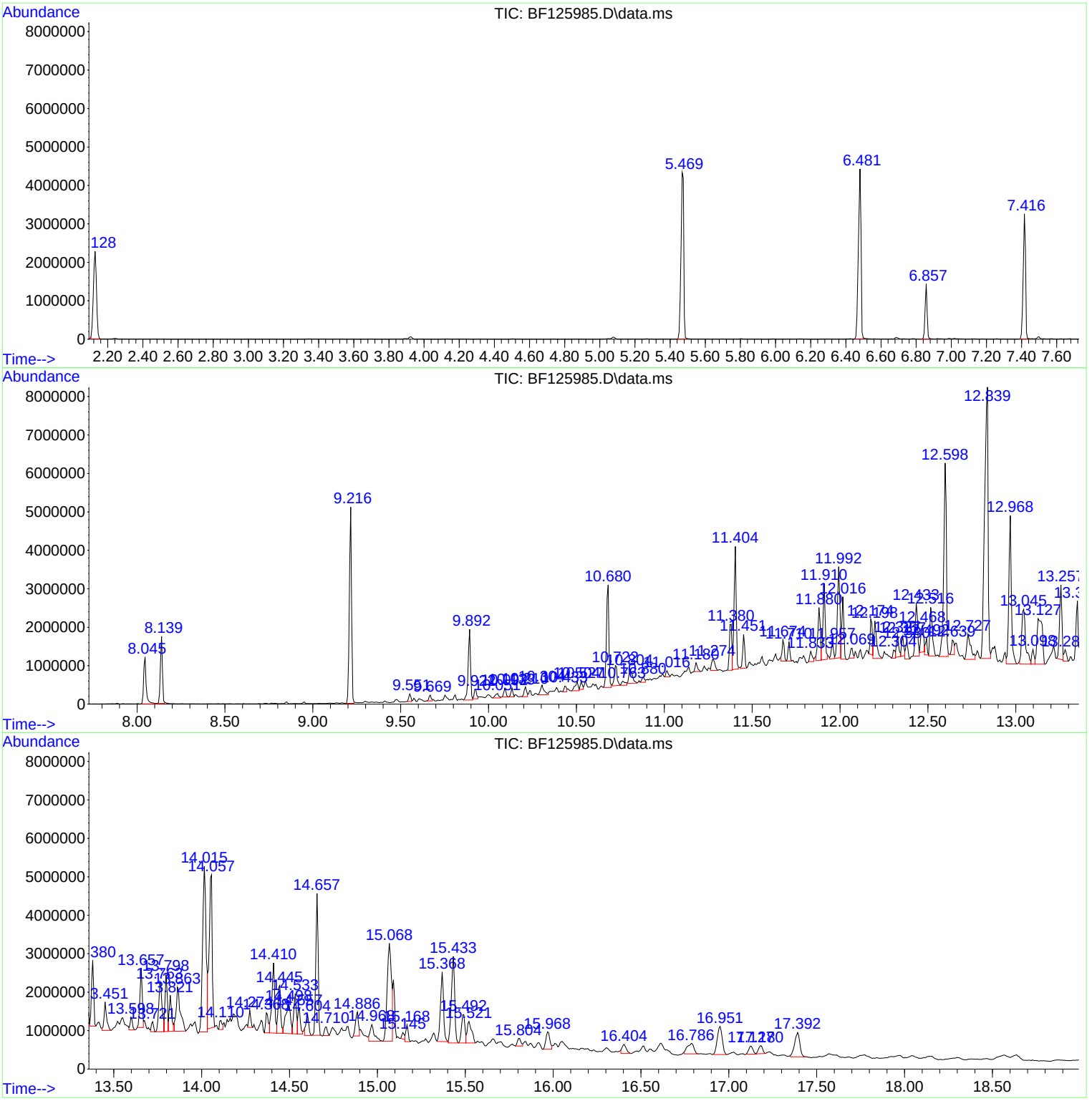
Instrument :
BNA_F
ClientSampleId :
C3

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\BF102821\
Data File : BF125985.D
Acq On : 28 Oct 2021 13:08
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Sample : M4336-04
Misc :
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Instrument : BNA_F
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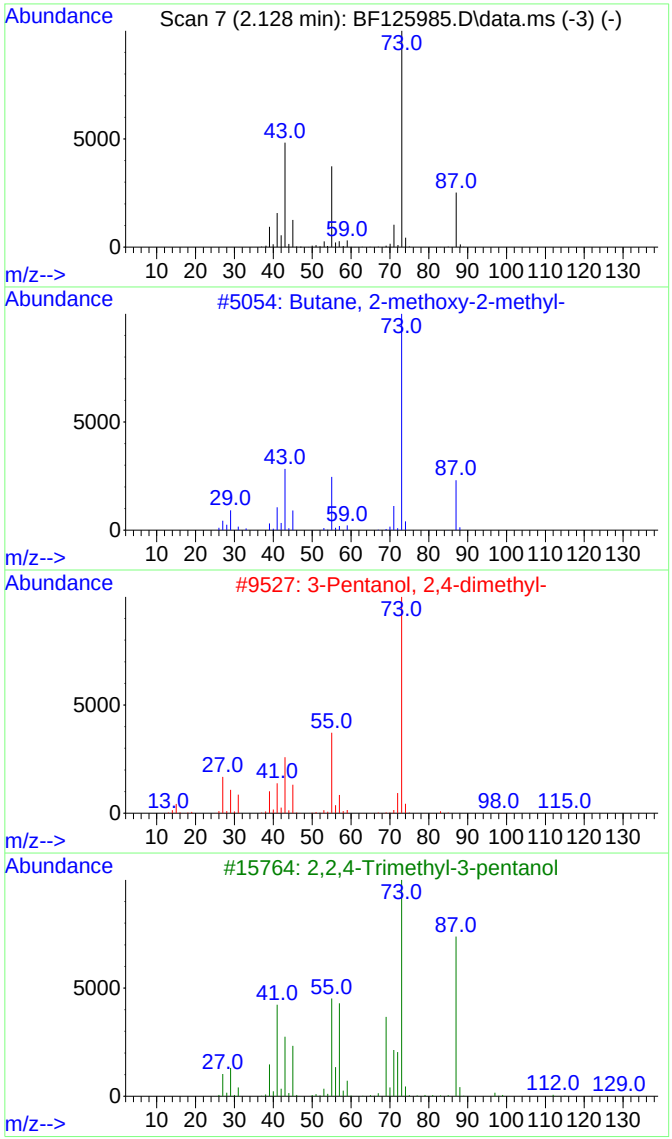
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

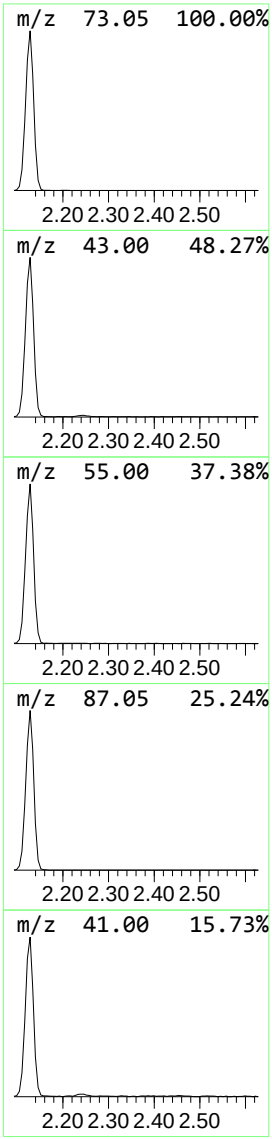
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	49.03 ng	2779870	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	78
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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
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Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

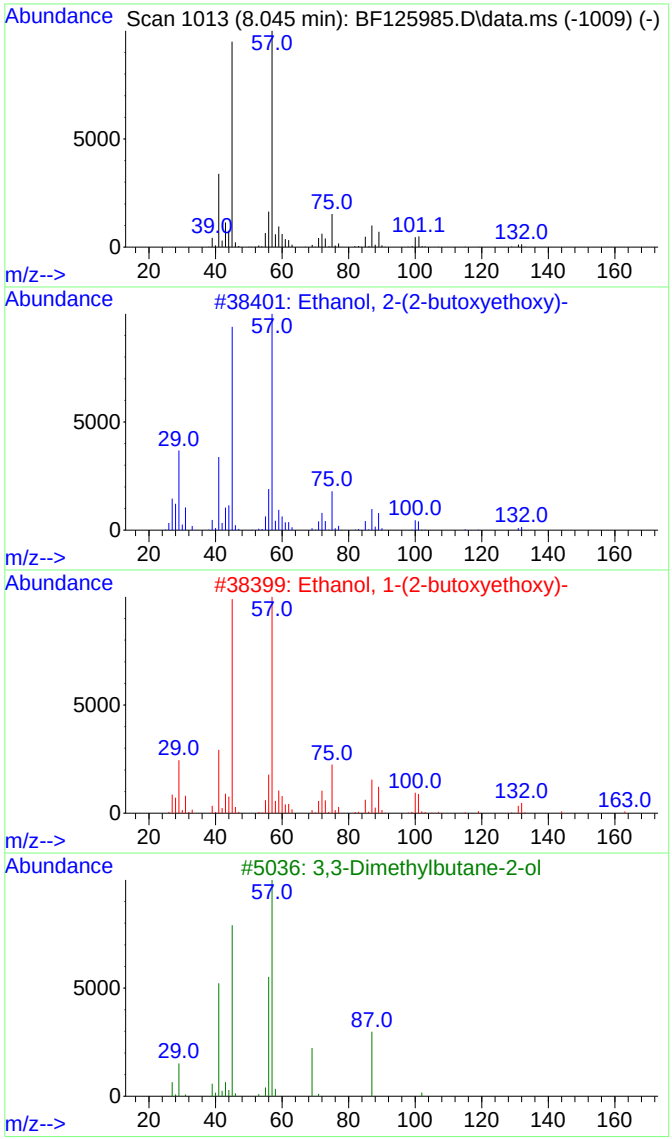
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

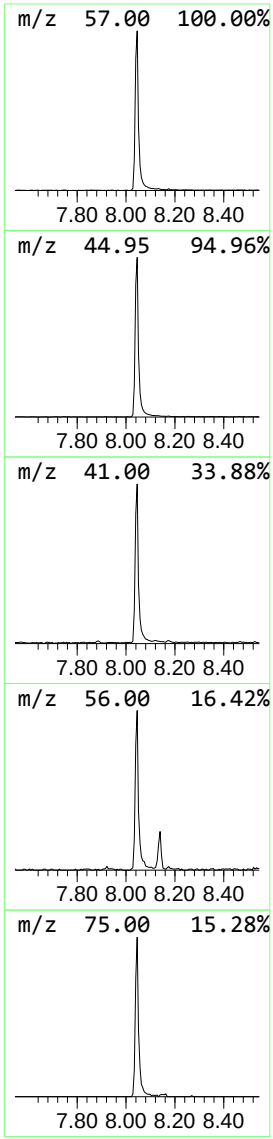
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	17.65 ng	1234280	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	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Butyl lactate	146	C7H14O3	000138-22-7	47





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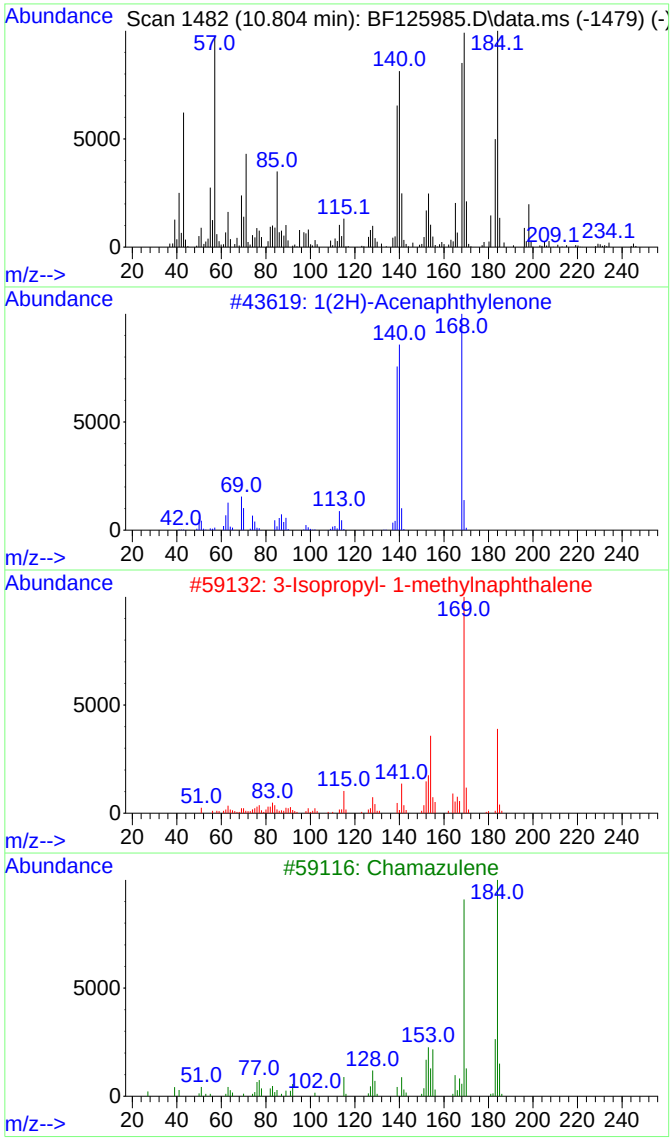
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

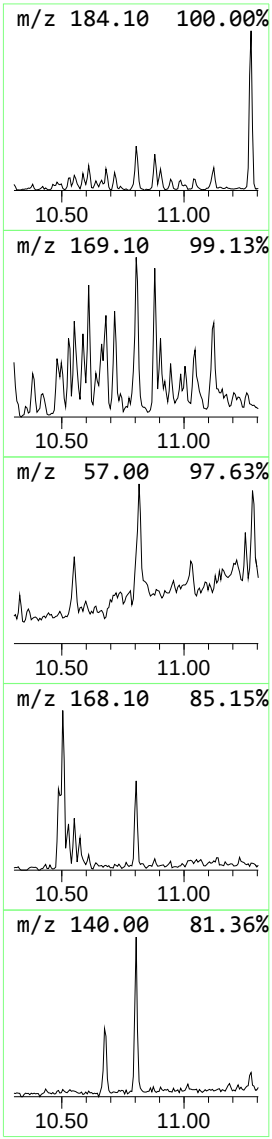
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	9.01 ng	525255	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	80
2	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	42
3	Chamazulene	184	C14H16	000529-05-5	41
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	38
5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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

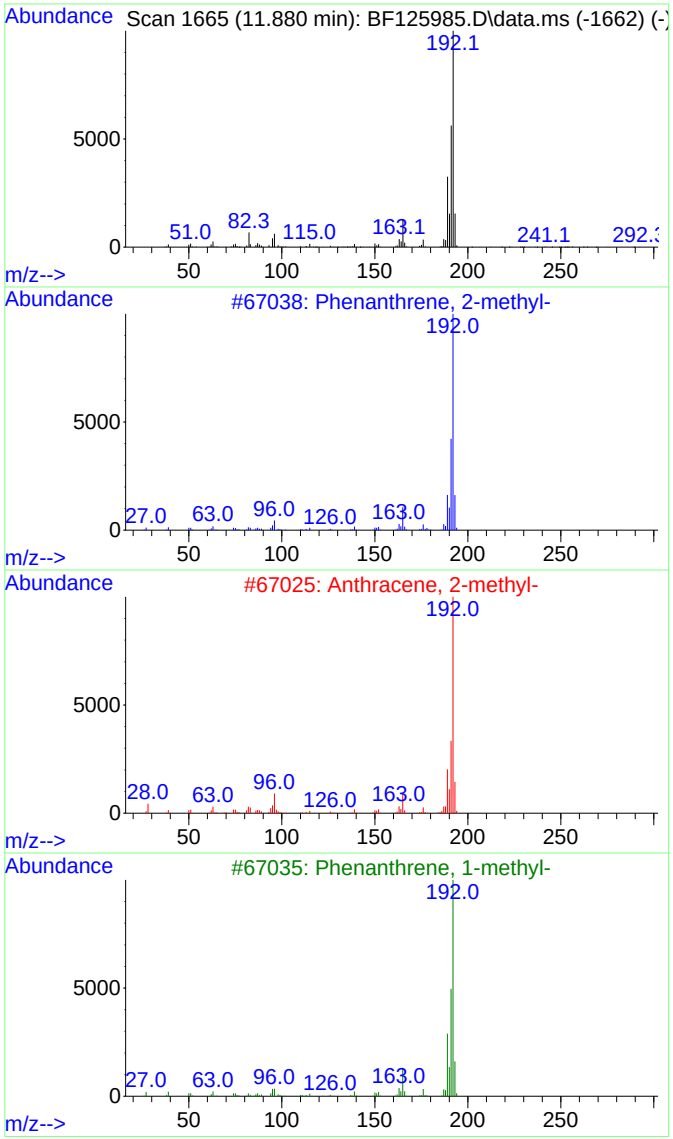
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

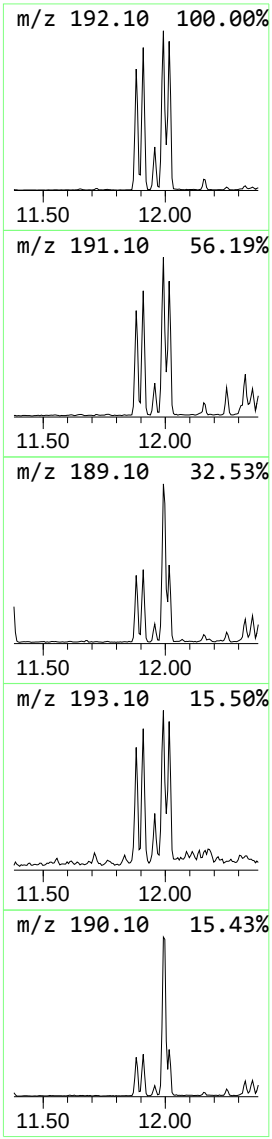
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	22.71 ng	1323270	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125985.D
Acq On : 28 Oct 2021 13:08
Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

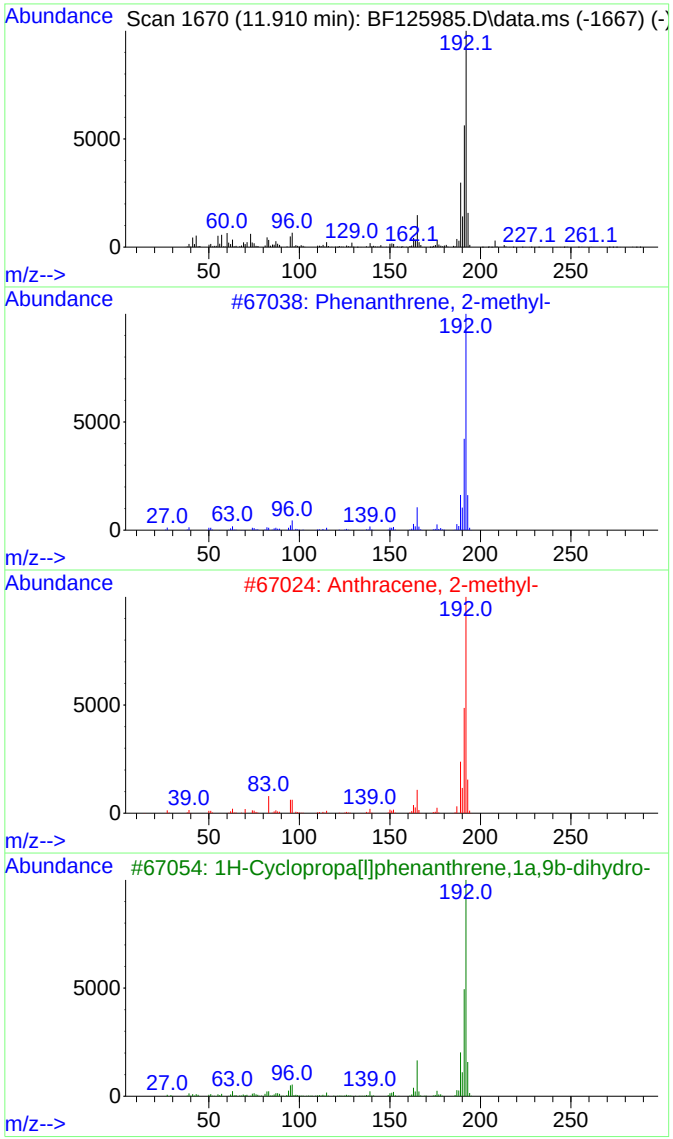
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

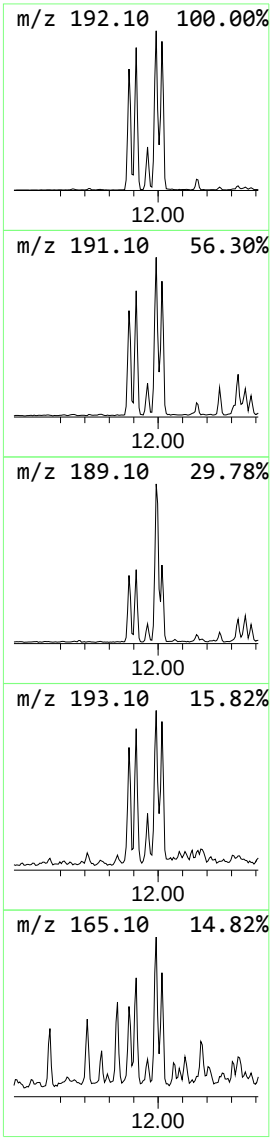
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	29.18 ng	1700730	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

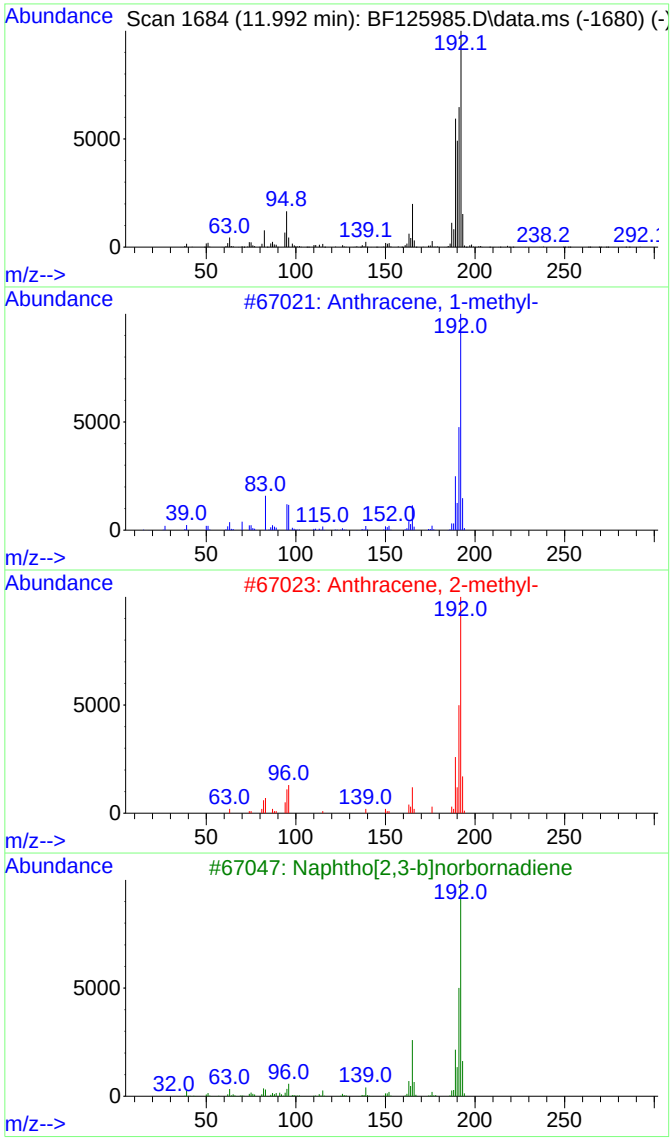
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

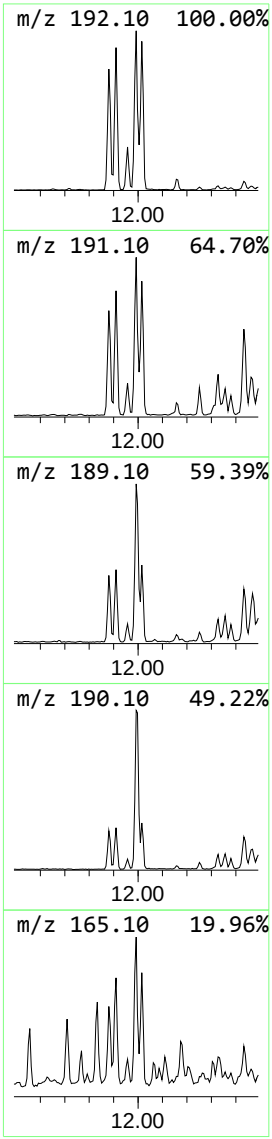
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	41.27 ng	2405040	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	64
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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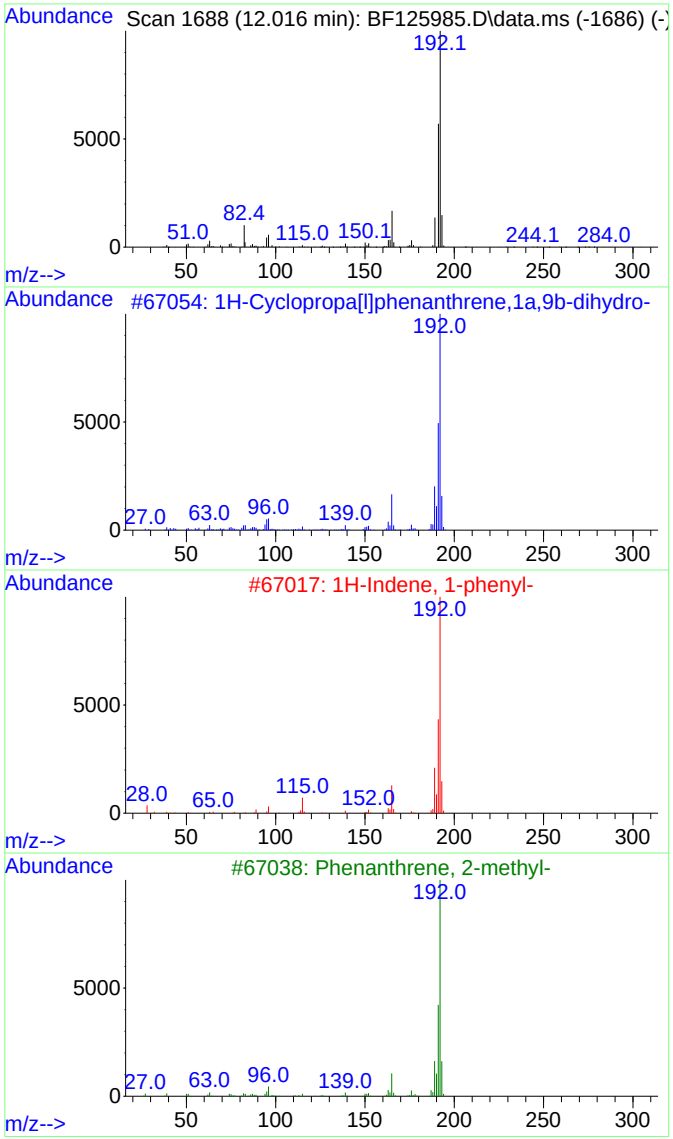
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

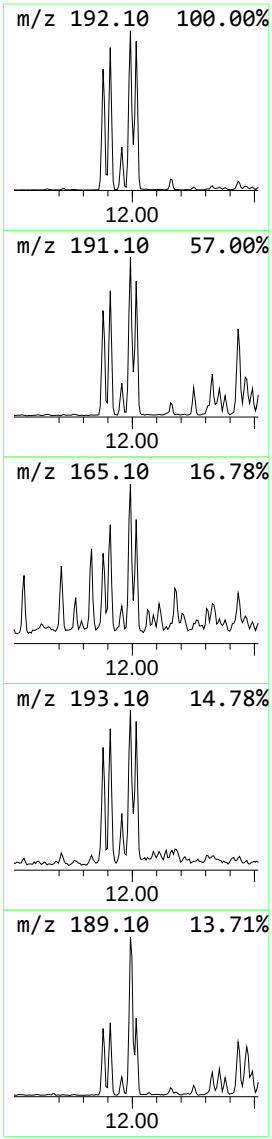
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	21.37 ng	1245110	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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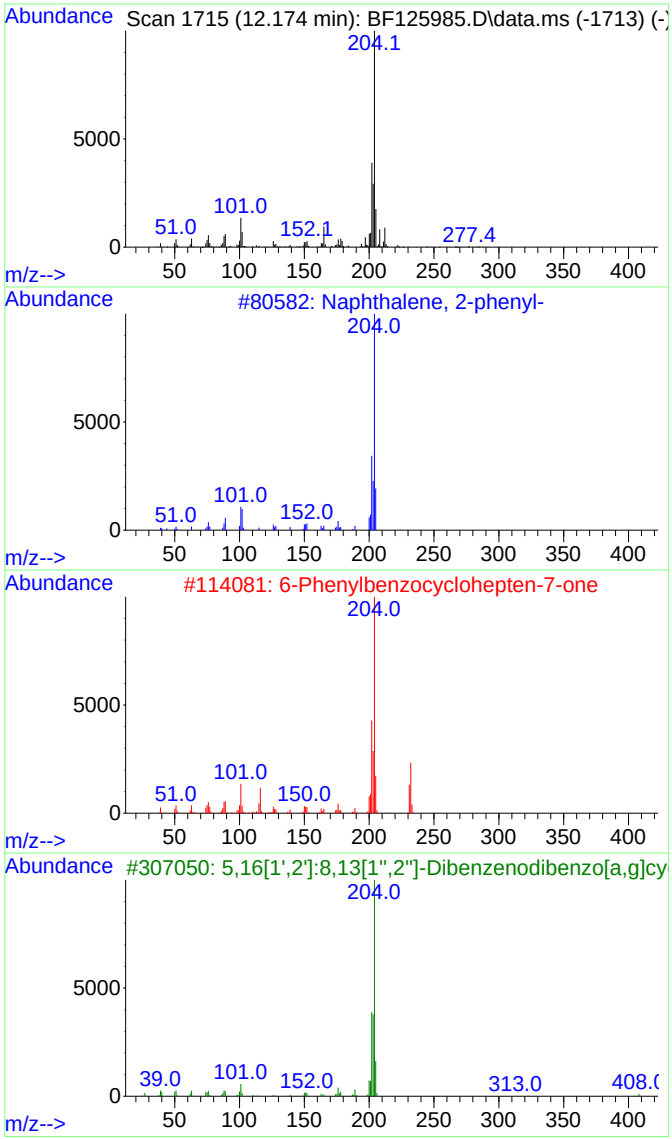
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

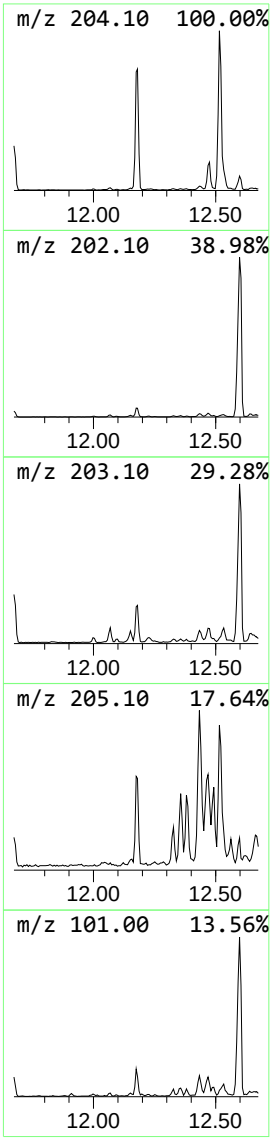
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	13.44 ng	783447	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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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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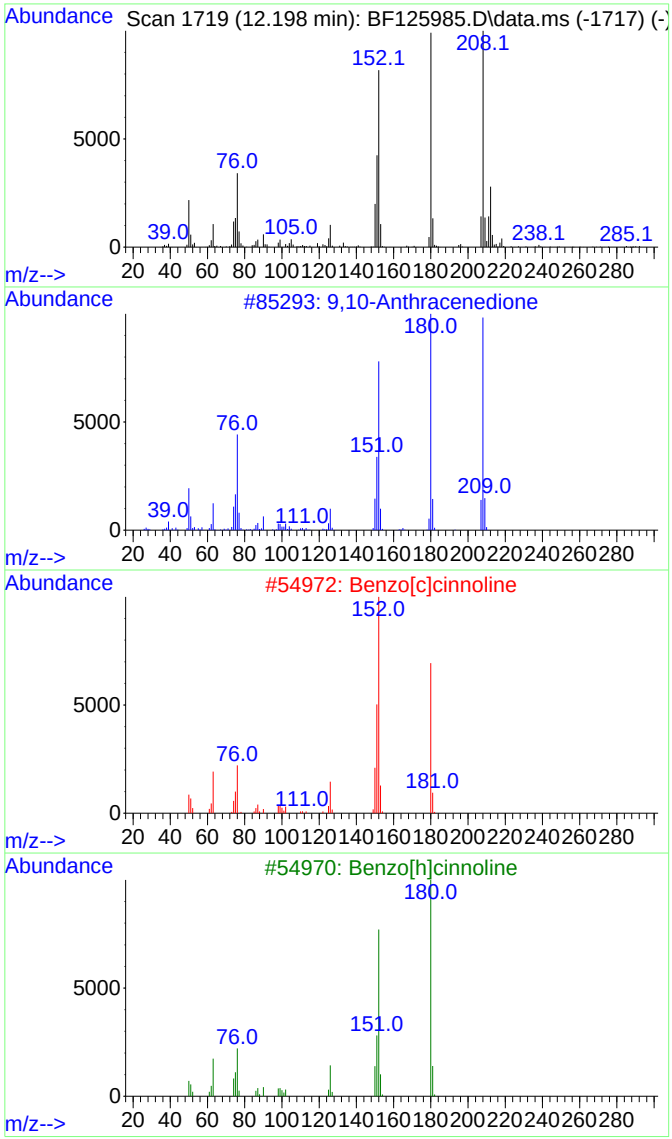
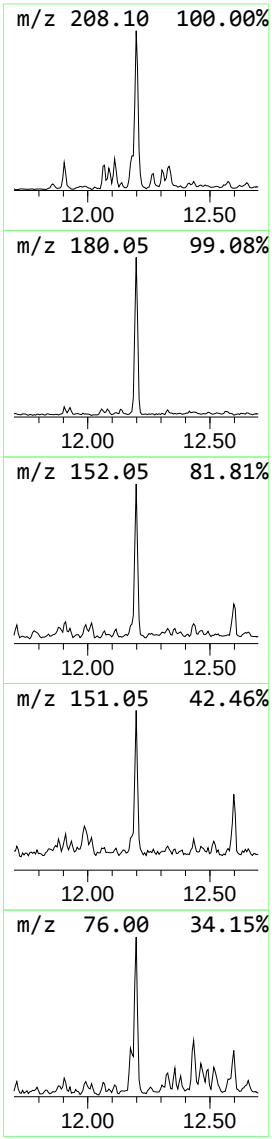
Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	17.75 ng	1034140	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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

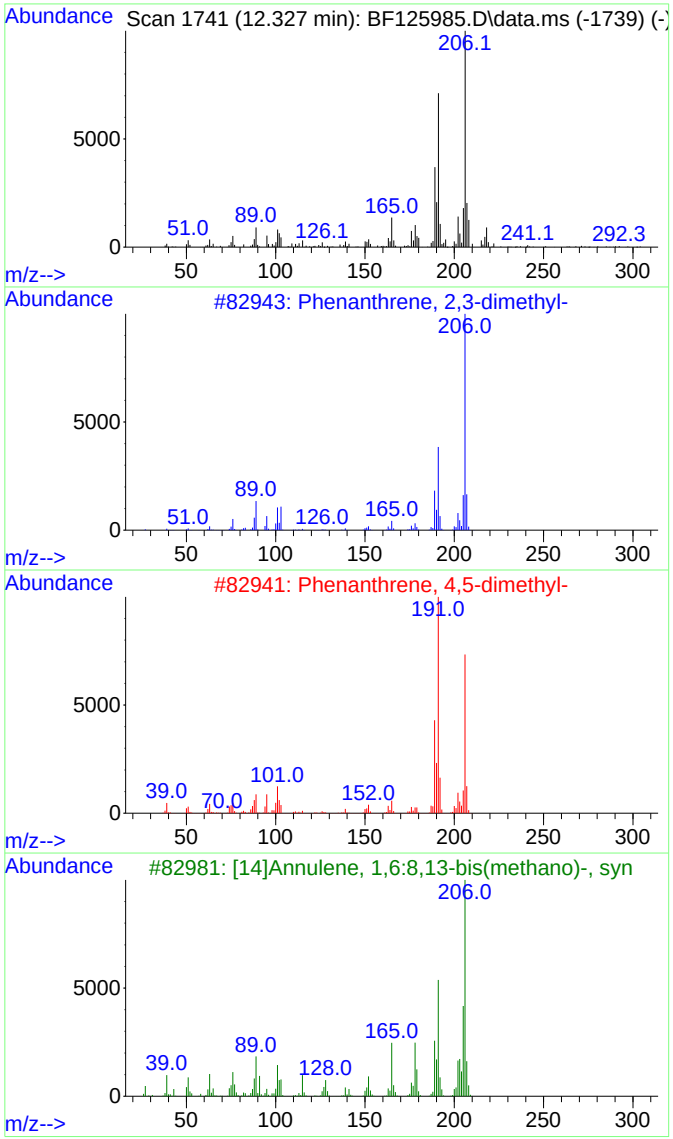
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

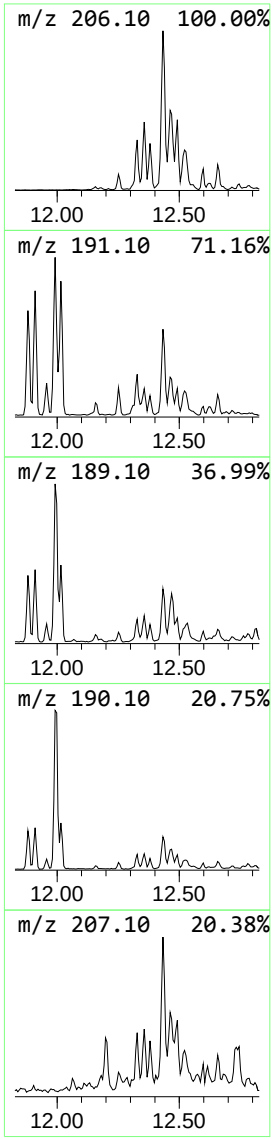
****

Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	8.68 ng	505559	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





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Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

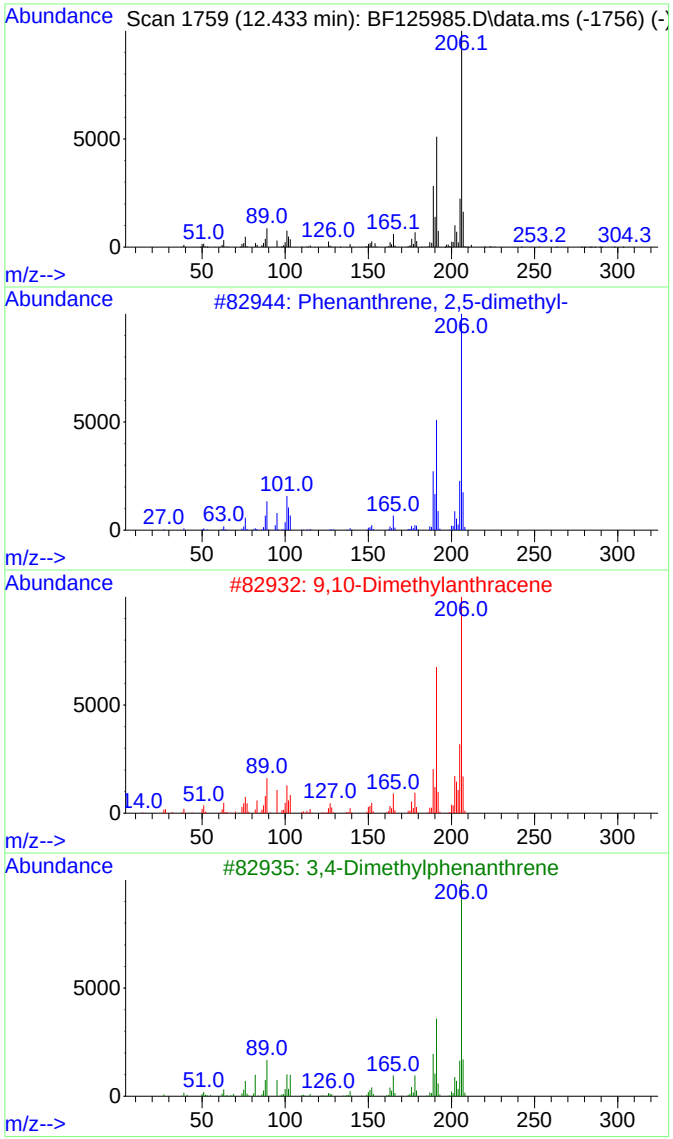
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

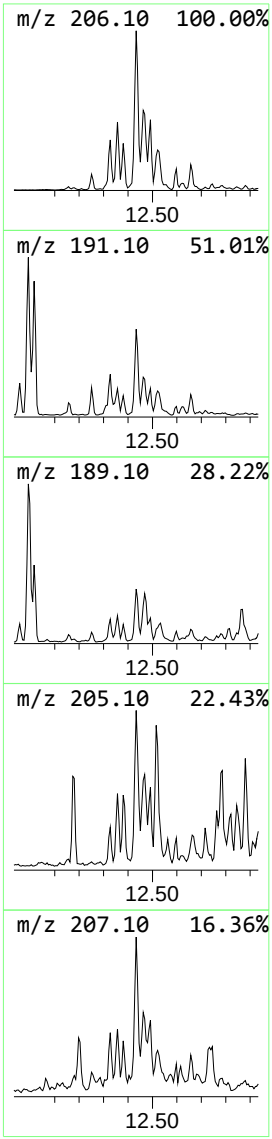
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	23.03 ng	1342150	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	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

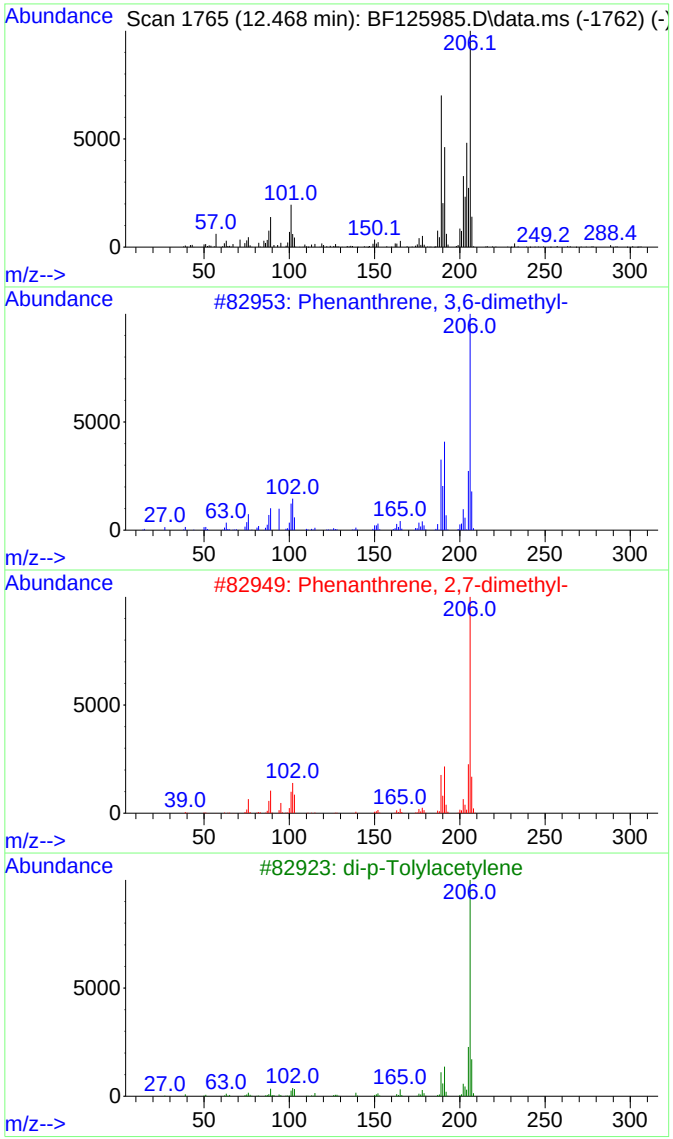
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

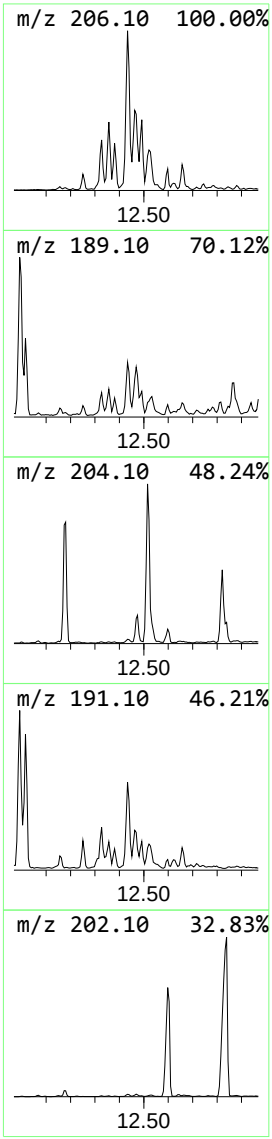
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	13.36 ng	778350	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	52
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	52
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49





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Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

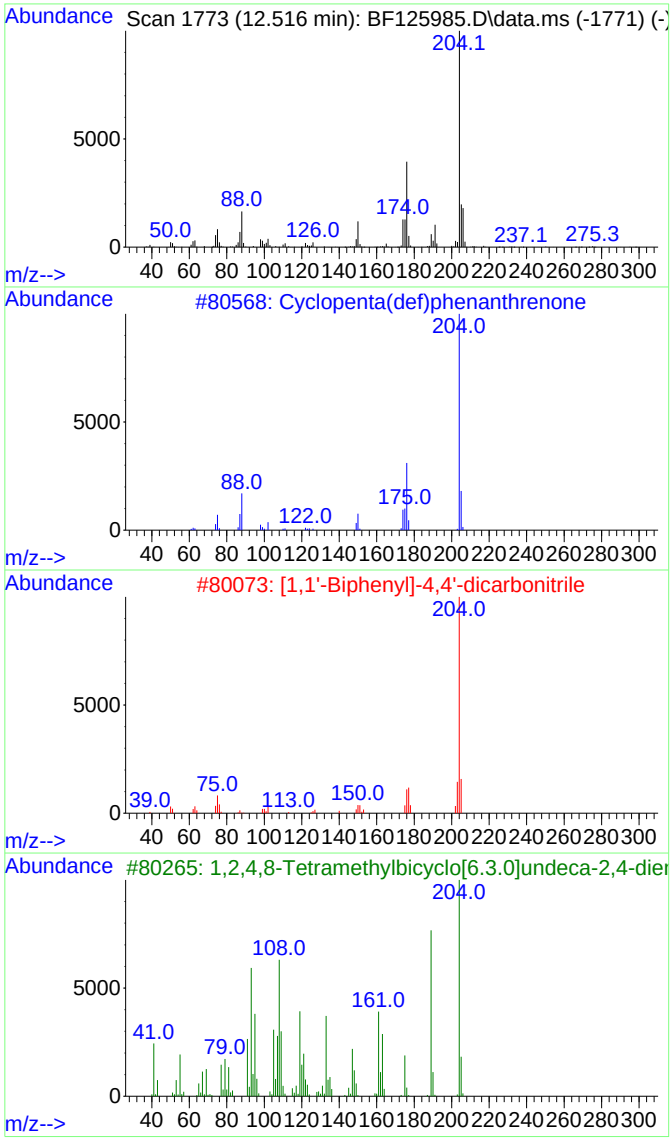
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

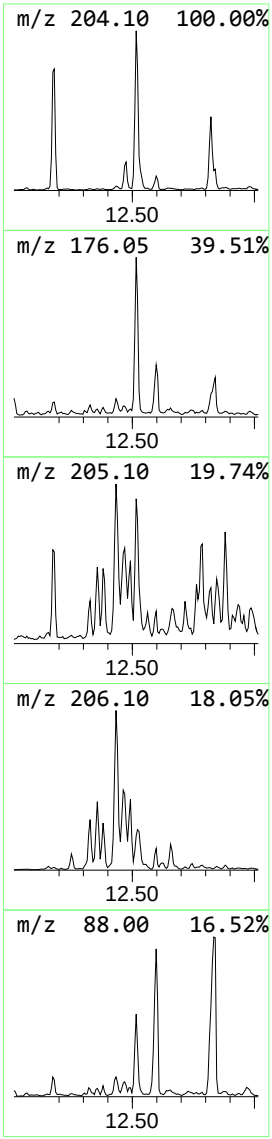
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.515	21.89 ng	1275910	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43





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ALS Vial : 7 Sample Multiplier: 1

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

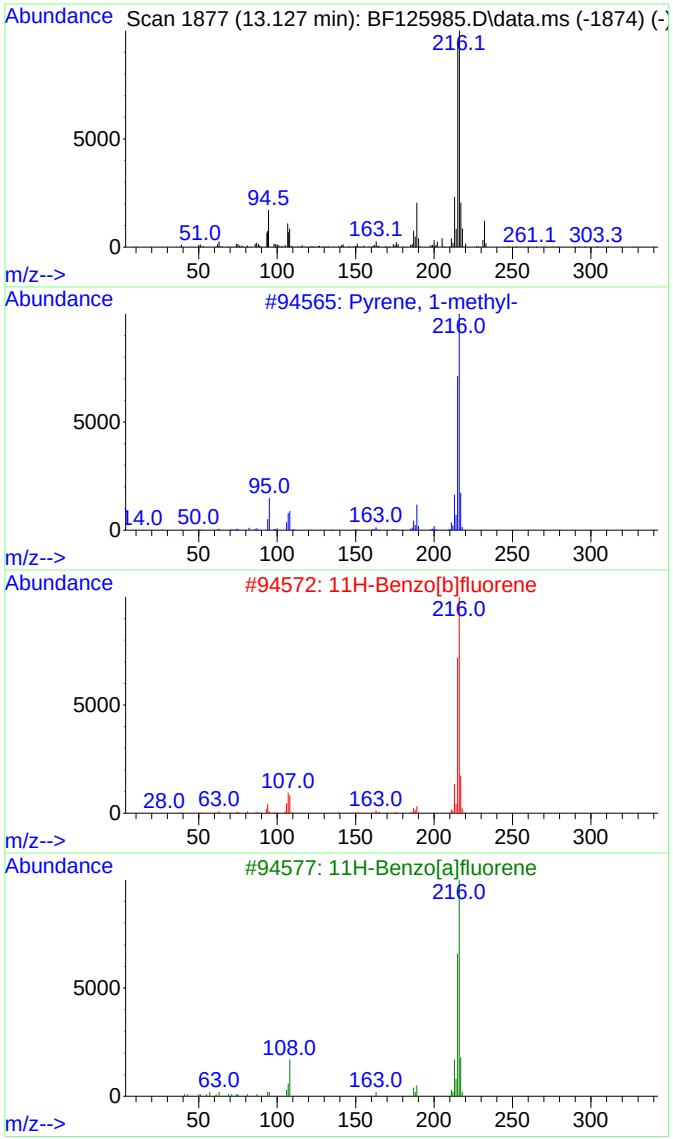
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

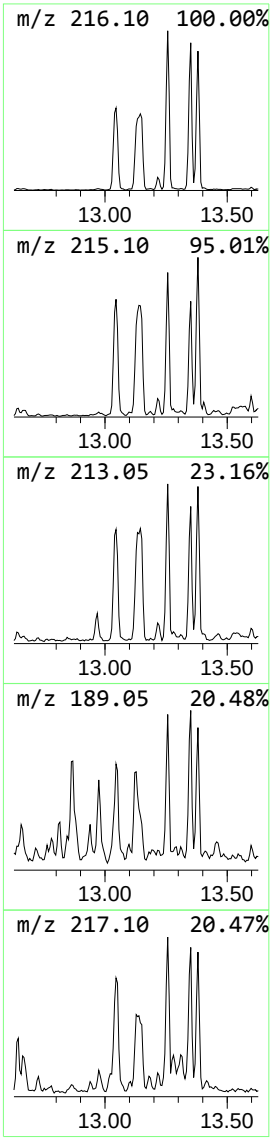
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	8.12 ng	2476140	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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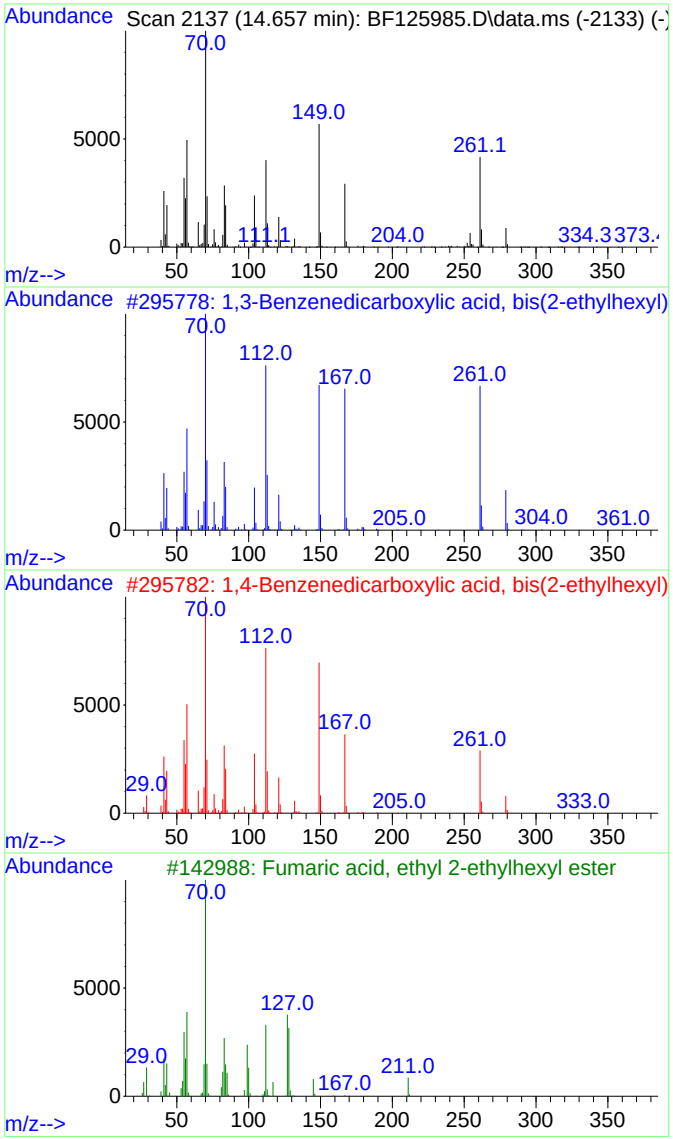
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

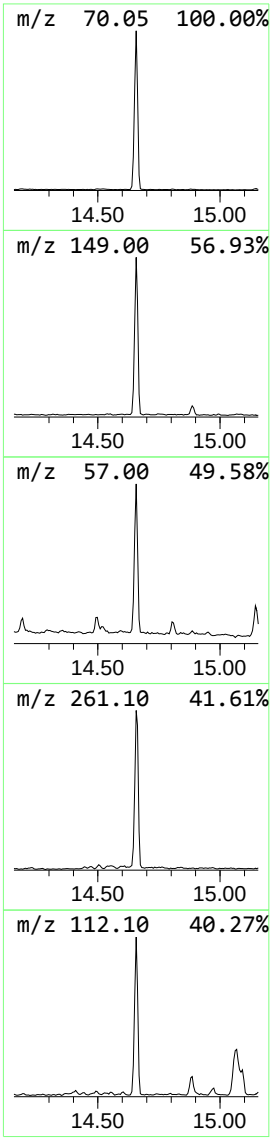
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,3-Benzenedicarboxylic aci... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	11.15 ng	3399200	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	46
3	Fumaric acid, ethyl 2-ethylhexyl...	256	C14H24O4	1000339-13-5	32
4	Dimethylmalonic acid, monochlori...	262	C13H23ClO3	1000361-64-8	25
5	Fumaric acid, 2-ethylhexyl hexyl...	312	C18H32O4	1000339-14-1	22





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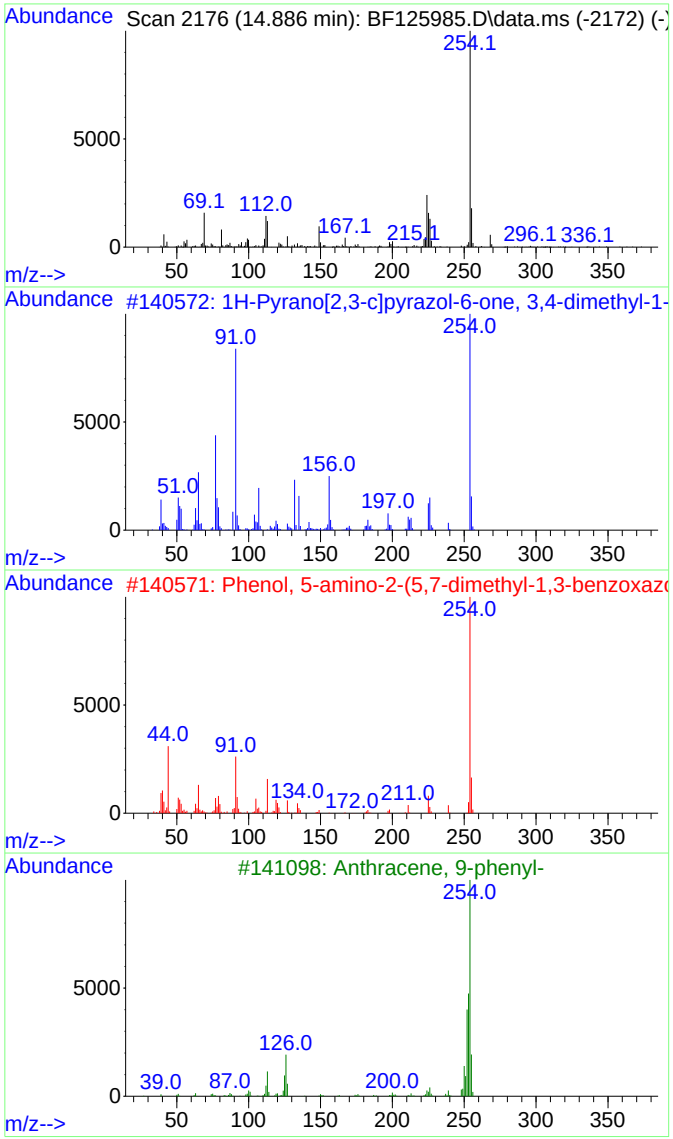
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

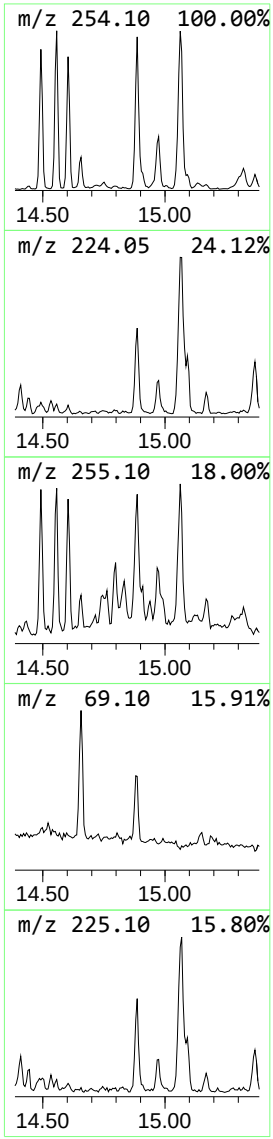
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Pyrano[2,3-c]pyrazol-6-o... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	14.32 ng	727779	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrano[2,3-c]pyrazol-6-one, 3...	254	C15H14N2O2	1010316-21-1	50
2	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	50
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	50
5	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	49





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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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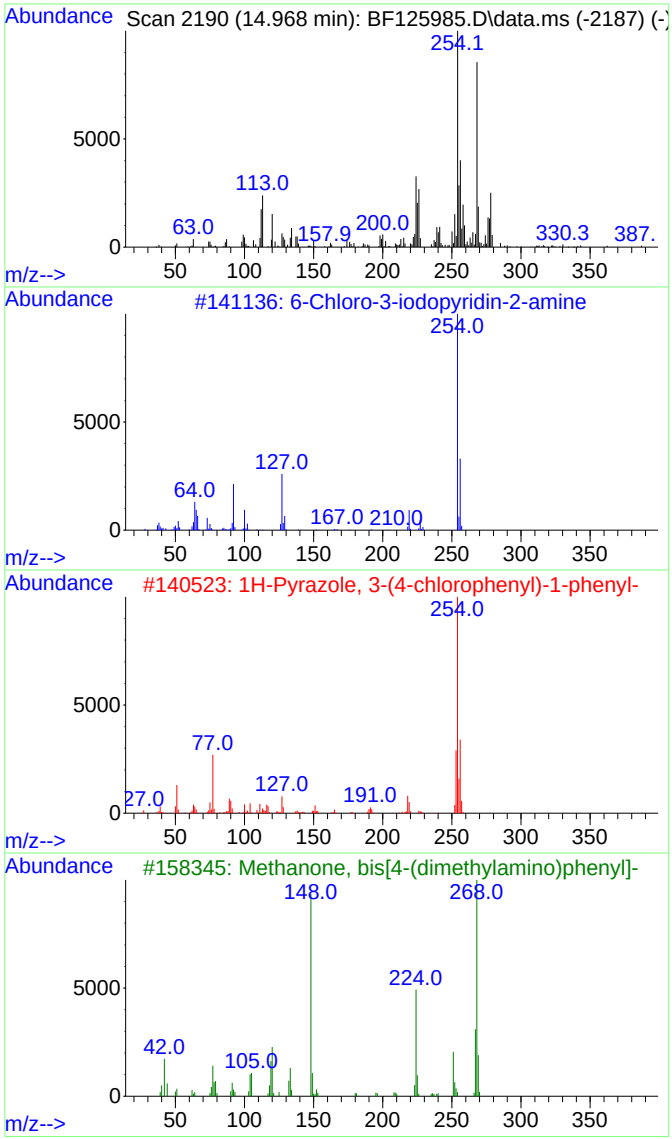
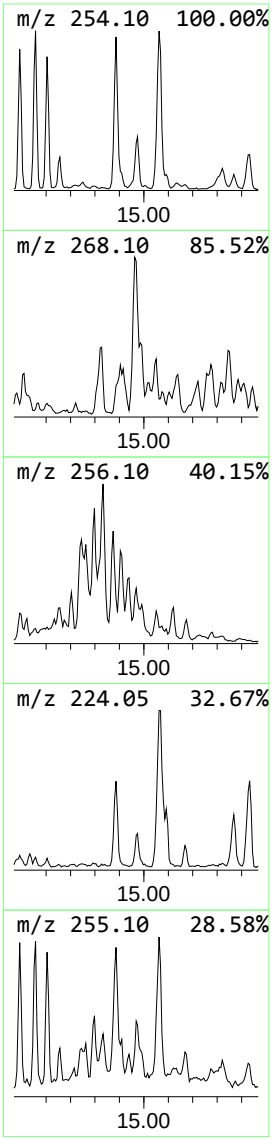
Peak Number 17 unknown14.968 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	13.93 ng	708203	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-3-iodopyridin-2-amine	254	C5H4ClIN2	800402-06-6	27
2	1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	27
3	Methanone, bis[4-(dimethylamino)...	268	C17H20N2O	000090-94-8	25
4	5-Methyl-4-[2-sulfanylprop-1-en-...	268	C17H16OS	1000459-67-3	25
5	5-Hydroxy-2-(hydroxymethyl)pyrid...	269	C12H23NO2Si2	1453812-47-9	25





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Acq On : 28 Oct 2021 13:08
Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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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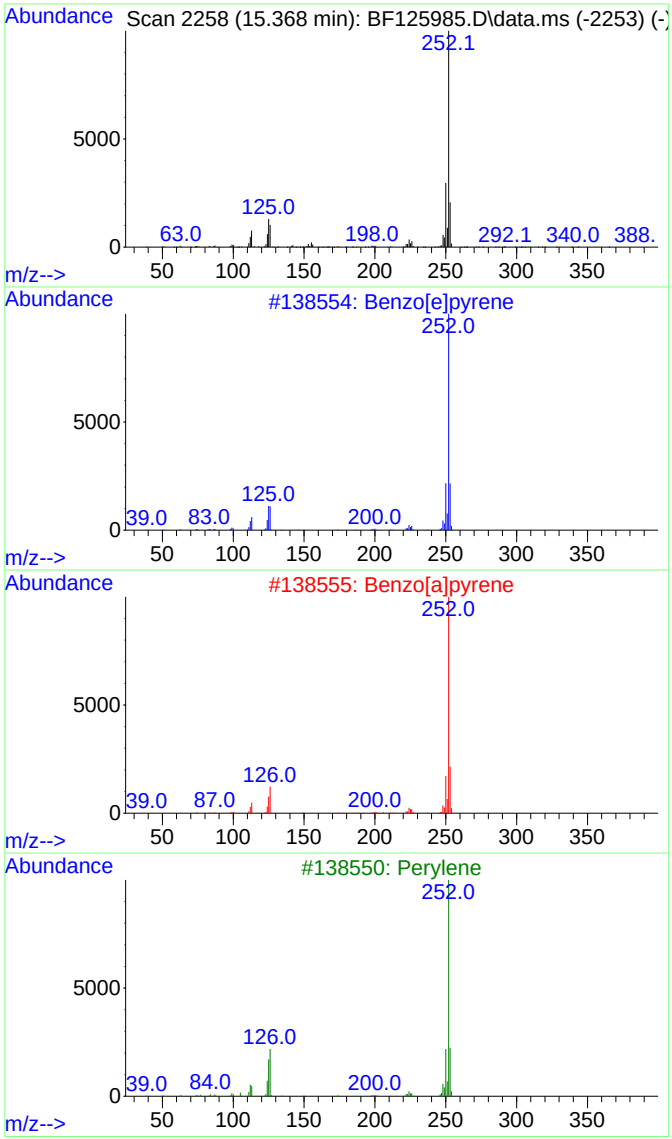
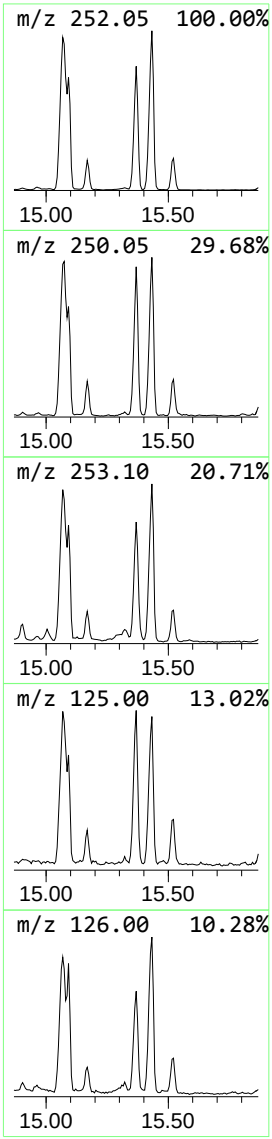
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	43.81 ng	2226610	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





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Data File : BF125985.D
Acq On : 28 Oct 2021 13:08
Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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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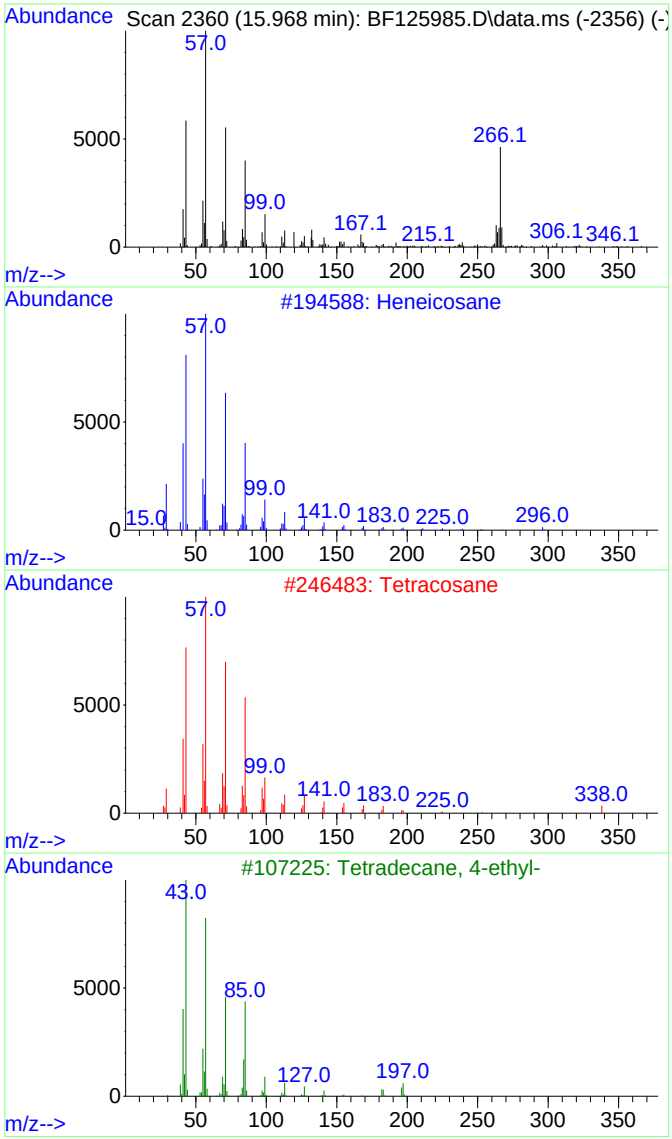
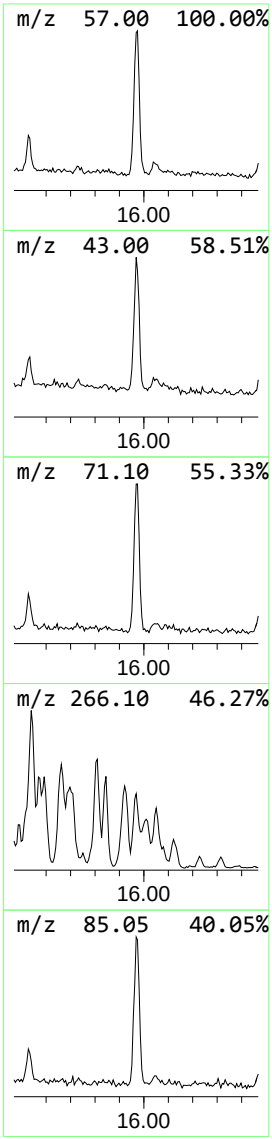
Peak Number 19 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	14.11 ng	717015	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	60
2	Tetracosane	338	C24H50	000646-31-1	50
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	49
4	Heptacosane	380	C27H56	000593-49-7	49
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125985.D
Acq On : 28 Oct 2021 13:08
Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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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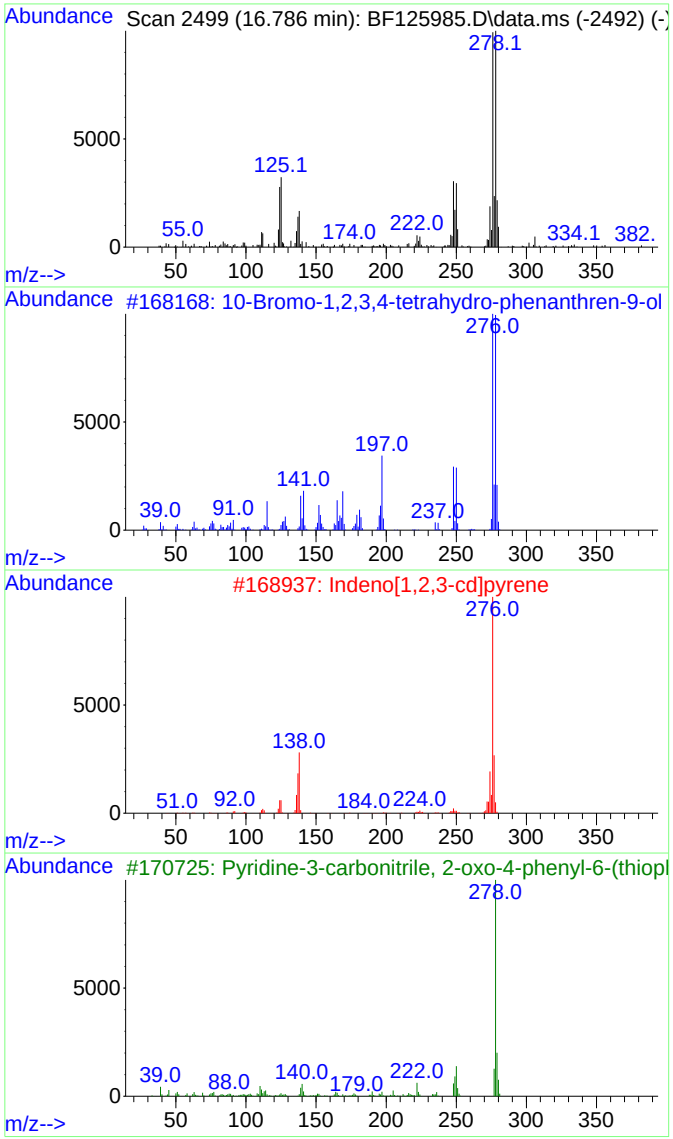
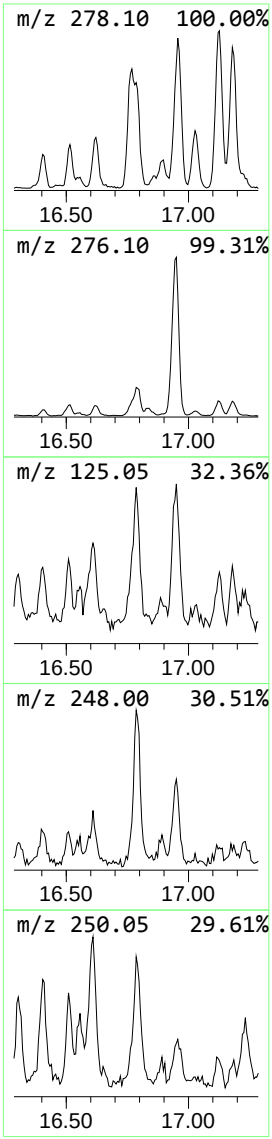
Peak Number 20 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	14.09 ng	716158	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	87
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	49
3	Pyridine-3-carbonitrile, 2-oxo-4...	278	C16H10N2OS	1000304-72-3	43
4	4-Amino-5-(5-bromothiophen-2-yl)...	276	C6H5BrN4S2	1000387-62-6	43
5	Curan, 16,17,19,20-tetradehydro-	278	C19H22N2	056053-17-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125985.D
Acq On : 28 Oct 2021 13:08
Operator : JU/CG
Sample : M4336-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3

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	49.0	ng	2779870	1	6.857	1133960	20.0
Ethanol, 2-(2-b...	8.045	17.6	ng	1234280	2	8.139	1398820	20.0
1(2H)-Acenaphth...	10.804	9.0	ng	525255	4	11.374	1165530	20.0
Anthracene, 2-m...	11.880	22.7	ng	1323270	4	11.374	1165530	20.0
Phenanthrene, 2...	11.910	29.2	ng	1700730	4	11.374	1165530	20.0
Anthracene, 1-m...	11.992	41.3	ng	2405040	4	11.374	1165530	20.0
1H-Cyclopropa[l...	12.016	21.4	ng	1245110	4	11.374	1165530	20.0
Naphthalene, 2-...	12.174	13.4	ng	783447	4	11.374	1165530	20.0
9,10-Anthracene...	12.198	17.8	ng	1034140	4	11.374	1165530	20.0
Phenanthrene, 2...	12.327	8.7	ng	505559	4	11.374	1165530	20.0
Phenanthrene, 2...	12.433	23.0	ng	1342150	4	11.374	1165530	20.0
Phenanthrene, 3...	12.469	13.4	ng	778350	4	11.374	1165530	20.0
Cyclopenta(def)...	12.515	21.9	ng	1275910	4	11.374	1165530	20.0
Pyrene, 1-methyl-	13.127	8.1	ng	2476140	5	14.027	6098620	20.0
1,3-Benzenedica...	14.657	11.2	ng	3399200	5	14.027	6098620	20.0
1H-Pyrano[2,3-c...	14.886	14.3	ng	727779	6	15.492	1016510	20.0
unknown14.968	14.968	13.9	ng	708203	6	15.492	1016510	20.0
Benzo[e]pyrene	15.368	43.8	ng	2226610	6	15.492	1016510	20.0
Heneicosane	15.968	14.1	ng	717015	6	15.492	1016510	20.0
10-Bromo-1,2,3,...	16.786	14.1	ng	716158	6	15.492	1016510	20.0