LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	497	501	508	rVB	53286	65558	2.04%	0.144%
2	5.434	565	569	573	rBV	2518653	2517253	78.31%	5.542%
3	6.445	736	741	744	rBV	2555533	2526362	78.60%	5.562%
4	6.822	801	805	808	rBV	1237425	941514	29.29%	2.073%
5	7.381	895	900	903	rBV	1885189	1613679	50.20%	3.552%
6	8.004	1002	1006	1019	rBV	358659	309851	9.64%	0.682%
7	8.104	1019	1023	1025	rVV	1577222	1316709	40.96%	2.899%
8	9.175	1201	1205	1209	rBV	3628867	3214322	100.00%	7.076%
9	9.510	1259	1262	1265	rBV	67662	65580	2.04%	0.144%
10	9.716	1293	1297	1301	rBV	241908	215259	6.70%	0.474%
11	9.851	1317	1320	1324	rVV	1529585	1405974	43.74%	3.095%
12	10.169	1369	1374	1377	rBV2	64598	72741	2.26%	0.160%
13	10.398	1410	1413	1419	rVB2	89368	103573	3.22%	0.228%
14	10.639	1450	1454	1457	rBV	1891739	1622207	50.47%	3.571%
15	10.763	1471	1475	1479	rVB2	97297	97167	3.02%	0.214%
16	10.945	1497	1506	1509	rBV4	62763	107738	3.35%	0.237%
17	11.139	1537	1539	1543	rVB2	87399	79756	2.48%	0.176%
18	11.233	1553	1555	1560	rVB	106170	91347	2.84%	0.201%
19	11.333	1569	1572	1574	rBV	1224939	1131715	35.21%	2.491%
20	11.357	1574	1576	1580	rVV	1152288	1033671	32.16%	2.276%
21	11.410	1582	1585	1588	rVB	187237	150355	4.68%	0.331%
22	11.445	1588	1591	1594	rBV2	61449	68226	2.12%	0.150%
23	11.563	1605	1611	1614	rBV	82723	97606	3.04%	0.215%
24	11.669	1625	1629	1634	rVB	135333	139884	4.35%	0.308%
25	11.751	1641	1643	1647	rVB	73985	70997	2.21%	0.156%
26	11.839	1654	1658	1660	rBV	358490	349119	10.86%	0.769%
27	11.863	1660	1662	1666	rVB	544356	454852	14.15%	1.001%
28	11.910	1666	1670	1673	rBV2	84714	84351	2.62%	0.186%
29	11.945	1673	1676	1679	rBV2	509059	516419	16.07%	1.137%
30	11.969	1679	1680	1685	rVB	312958	219304	6.82%	0.483%
31	12.133	1705	1708	1710	rVV2	215595	216241	6.73%	0.476%
32	12.151	1710	1711	1719	rVB2	222168	232571	7.24%	0.512%
33	12.280	1731	1733	1736	rVV	121876	107875	3.36%	0.237%
34	12.310	1736	1738	1741	rVV	158178	154971	4.82%	0.341%
35	12.333	1741	1742	1745	rVB	125323	91312	2.84%	0.201%
36	12.386	1745	1751	1754	rBV	439681	460413	14.32%	1.014%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
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Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.422	1754	1757	1759	rVV2	203341	225301	7.01%	0.496%
38	12.445	1759	1761	1763	rVB	102630	76842	2.39%	0.169%
39	12.469	1763	1765	1770	rBV3	202627	238767	7.43%	0.526%
40	12.551	1775	1779	1782	rVV	1923963	1767557	54.99%	3.891%
41	12.592	1782	1786	1788	rVV	88110	96919	3.02%	0.213%
42	12.639	1792	1794	1797	rVV	144418	132207	4.11%	0.291%
43	12.674	1797	1800	1802	rVV2	105594	97264	3.03%	0.214%
44	12.698	1802	1804	1808	rVV3	125822	151899	4.73%	0.334%
45	12.780	1812	1818	1823	rVV	1967812	2185928	68.01%	4.812%
46	12.833	1823	1827	1830	rVB3	163866	205079	6.38%	0.451%
47	12.892	1834	1837	1838	rVV	126840	114235	3.55%	0.251%
48	12.922	1838	1842	1845	rVV	2597451	2393479	74.46%	5.269%
49	12.992	1849	1854	1857	rBV2	275768	370000	11.51%	0.815%
50	13.051	1861	1864	1866	rVV2	83216	70206	2.18%	0.155%
51	13.080	1866	1869	1871	rVV3	218730	283715	8.83%	0.625%
52	13.104	1871	1873	1876	rVB	377819	311682	9.70%	0.686%
53	13.169	1876	1884	1887	rBV2	225357	313380	9.75%	0.690%
54	13.210	1887	1891	1894	rVV2	365922	402195	12.51%	0.885%
55	13.269	1898	1901	1903	rVV3	53121	66947	2.08%	0.147%
56	13.298	1903	1906	1909	rVV	333232	284929	8.86%	0.627%
57	13.327	1909	1911	1915	rVV	274474	261672	8.14%	0.576%
58	13.504	1938	1941	1943	rVV3	54998	71994	2.24%	0.158%
59	13.610	1953	1959	1964	rVB	269822	351235	10.93%	0.773%
60	13.674	1967	1970	1972	rVB	90466	80418	2.50%	0.177%
61	13.721	1972	1978	1981	rBV3	292715	455662	14.18%	1.003%
62	13.751	1981	1983	1985	rVV	200765	149233	4.64%	0.329%
63	13.774	1985	1987	1991	rVV2	142242	171449	5.33%	0.377%
64	13.816	1991	1994	1999	rVB2	286906	313711	9.76%	0.691%
65	13.886	2004	2006	2010	rBV	56300	66255	2.06%	0.146%
66	13.969	2015	2020	2023	rBV2	1617979	2403006	74.76%	5.290%
67	13.998	2023	2025	2031	rVB	1211134	1031795	32.10%	2.271%
68	14.057	2033	2035	2037	rBV	130961	108090	3.36%	0.238%
69	14.116	2042	2045	2046	rBV	96400	89708	2.79%	0.197%
70	14.192	2055	2058	2062	rBV3	85411	128164	3.99%	0.282%
71	14.227	2062	2064	2067	rVV	112364	89104	2.77%	0.196%
72	14.292	2071	2075	2078	rBV3	63745	89446	2.78%	0.197%
73	14.321	2078	2080	2082	rBV	90429	85672	2.67%	0.189%
74	14.357	2082	2086	2089	rVV	375215	398737	12.41%	0.878%
75	14.392	2089	2092	2095	rVV2	262738	235164	7.32%	0.518%
76	14.427	2095	2098	2099	rVV2	83398	83018	2.58%	0.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.451	2099	2102	2105	rVV2	168250	198025	6.16%	0.436%
78	14.480	2105	2107	2109	rVV	217402	189590	5.90%	0.417%
79	14.504	2109	2111	2114	rVB3	143689	131859	4.10%	0.290%
80	14.551	2117	2119	2123	rVB	102698	102673	3.19%	0.226%
81	14.657	2134	2137	2140	rBV3	57913	95054	2.96%	0.209%
82	14.686	2140	2142	2148	rVB4	85933	137121	4.27%	0.302%
83	14.745	2148	2152	2154	rBV3	86854	108502	3.38%	0.239%
84	14.774	2155	2157	2161	rVB	98611	97583	3.04%	0.215%
85	14.821	2162	2165	2167	rBV3	79727	95524	2.97%	0.210%
86	14.892	2174	2177	2179	rBV	91502	92844	2.89%	0.204%
87	15.004	2191	2196	2199	rBV	842981	1361080	42.34%	2.996%
88	15.110	2211	2214	2219	rVB	205185	226640	7.05%	0.499%
89	15.298	2242	2246	2251	rVB	554331	660113	20.54%	1.453%
90	15.357	2252	2256	2262	rBV	722658	845862	26.32%	1.862%
91	15.421	2262	2267	2270	rVV	766428	912190	28.38%	2.008%
92	15.451	2270	2272	2279	rVB2	200156	272908	8.49%	0.601%
93	15.768	2323	2326	2333	rVB	66772	110905	3.45%	0.244%
94	15.886	2342	2346	2351	rVB3	105478	146192	4.55%	0.322%
95	15.968	2357	2360	2365	rVB2	51578	65924	2.05%	0.145%
96	16.668	2473	2479	2482	rBV5	65555	144094	4.48%	0.317%
97	16.851	2504	2510	2518	rVB2	250384	477462	14.85%	1.051%
98	17.086	2546	2550	2554	rVV3	43562	70447	2.19%	0.155%
99	17.286	2578	2584	2595	rVB	204504	416016	12.94%	0.916%
100	17.509	2619	2622	2628	rVB	37401	66971	2.08%	0.147%

Sum of corrected areas: 45424115

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
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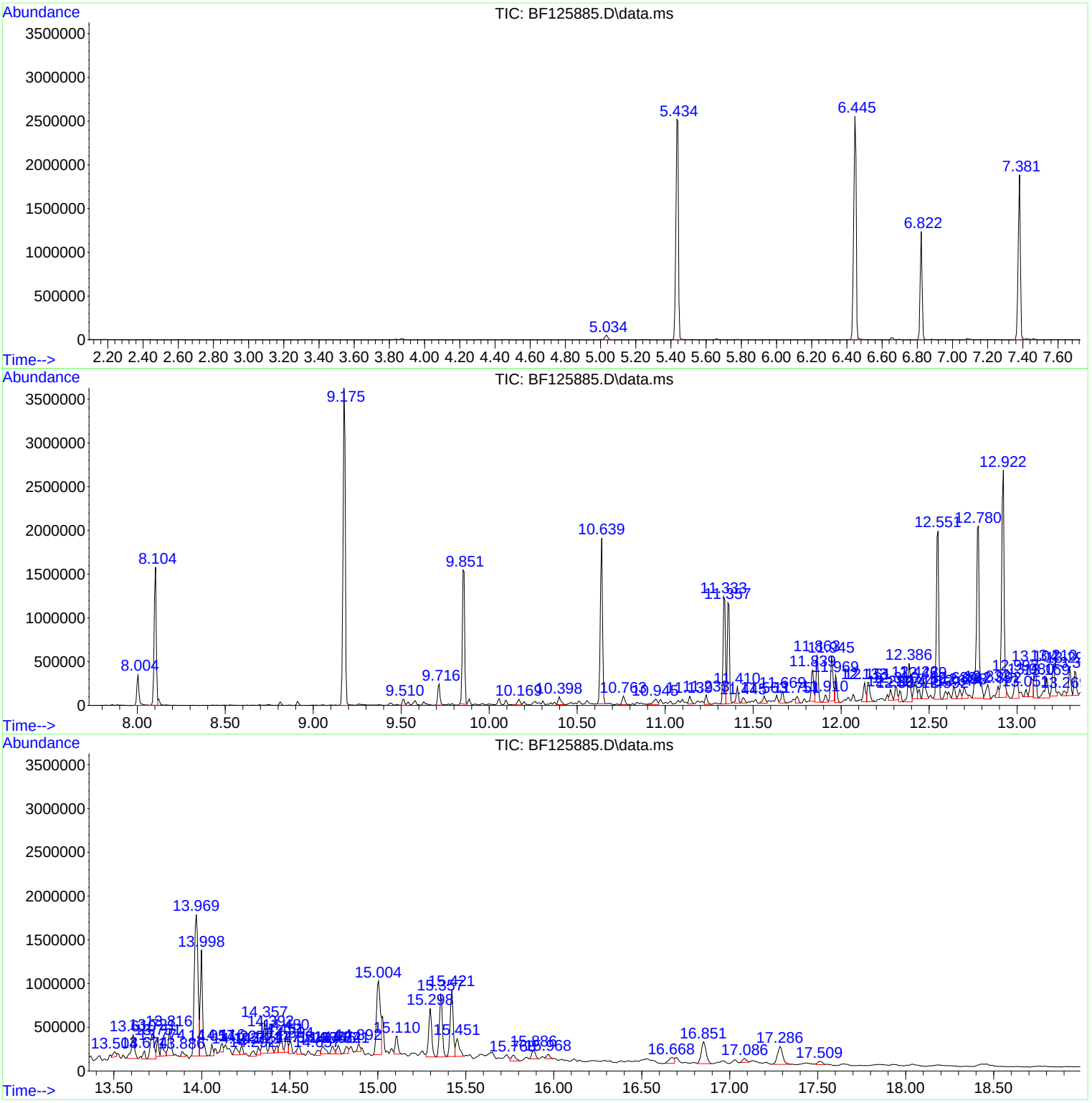
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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\BF101821\
Data File : BF125885.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

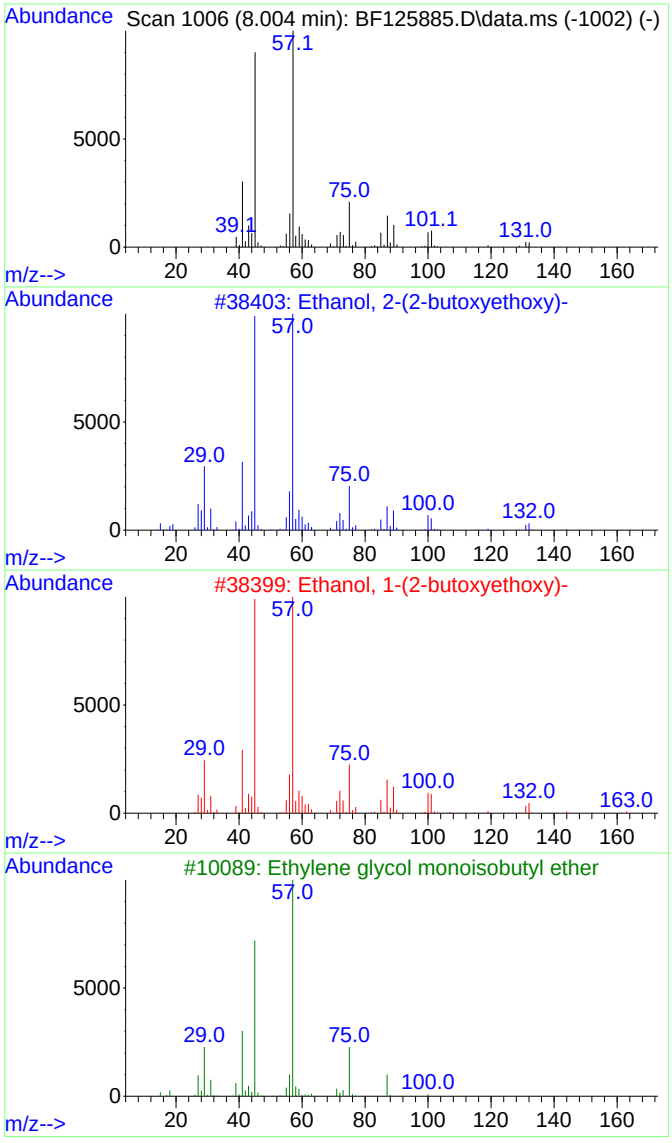
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

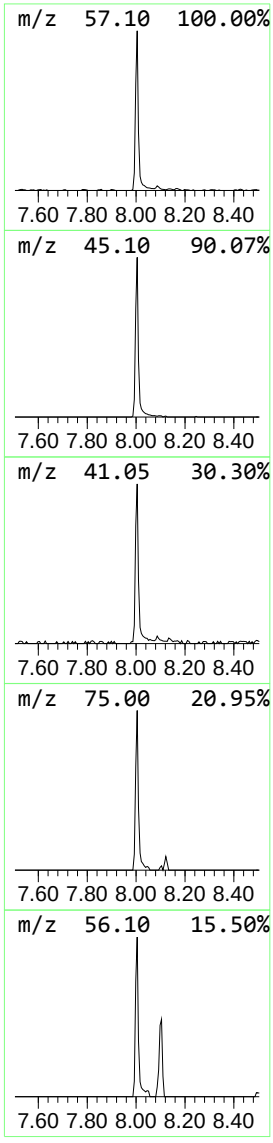
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.004	4.71 ng	309851	Naphthalene-d8	8.104

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	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

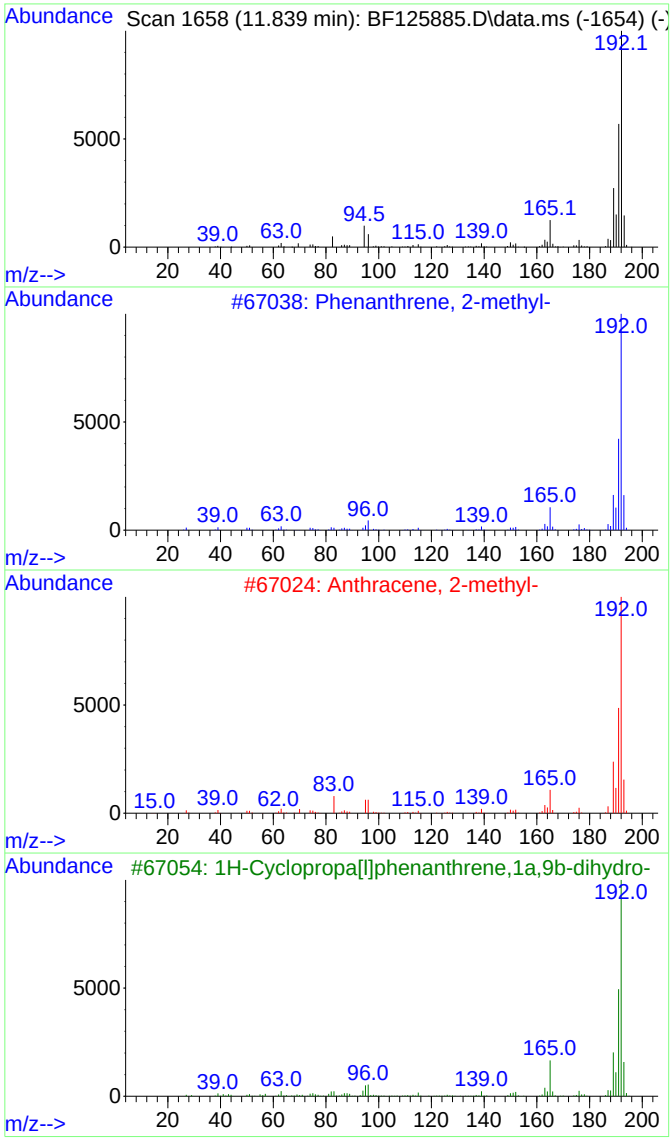
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

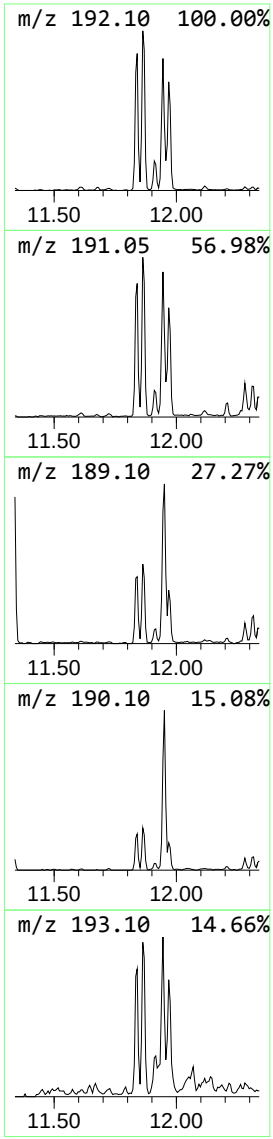
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	6.17 ng	349119	Phenanthrene-d10	11.339

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	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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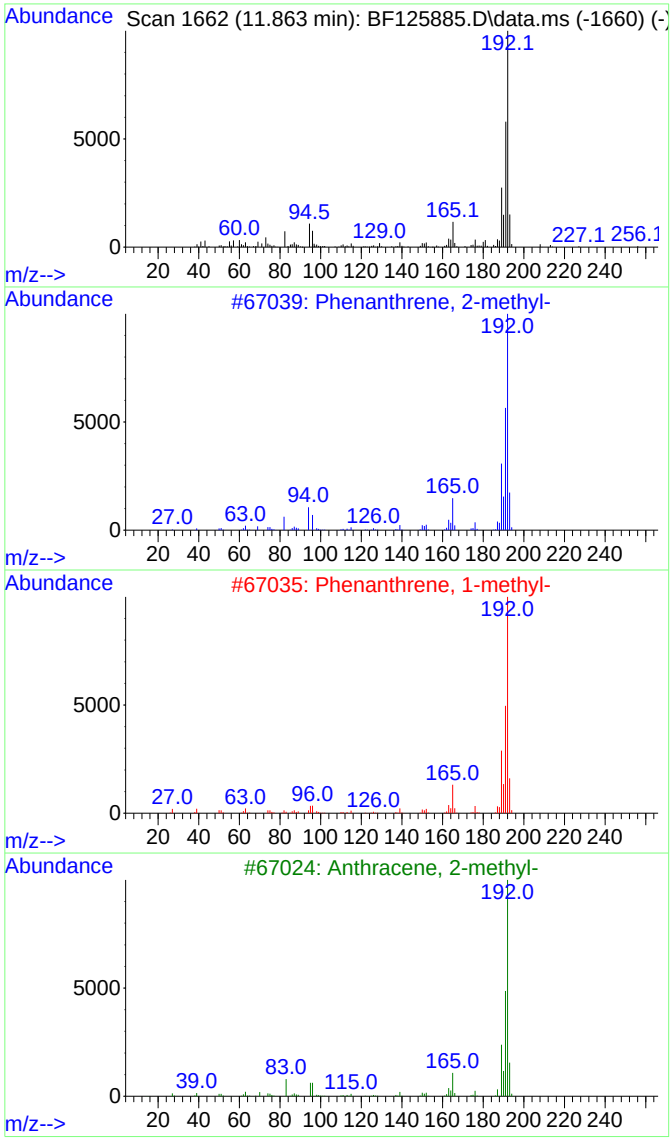
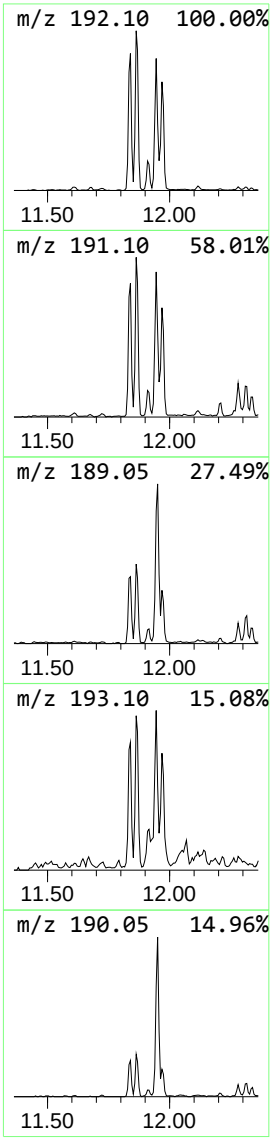
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	8.04 ng	454852	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
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Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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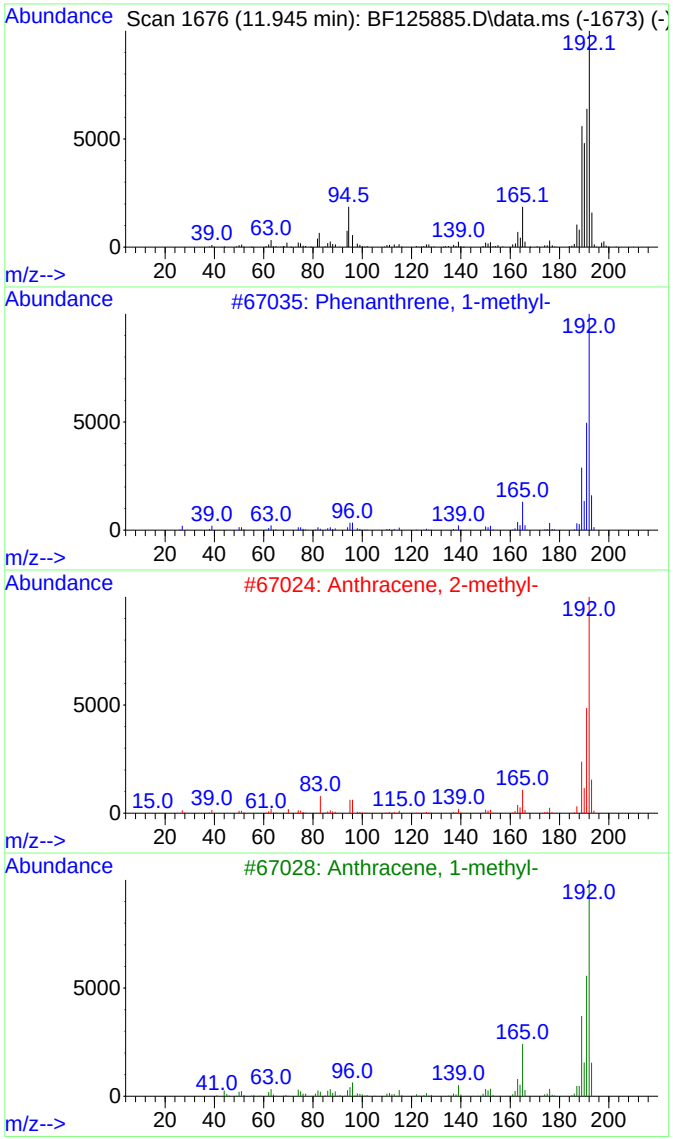
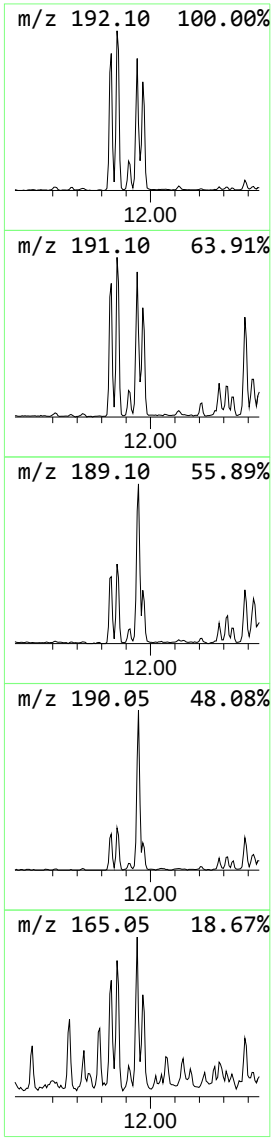
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	9.13 ng	516419	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

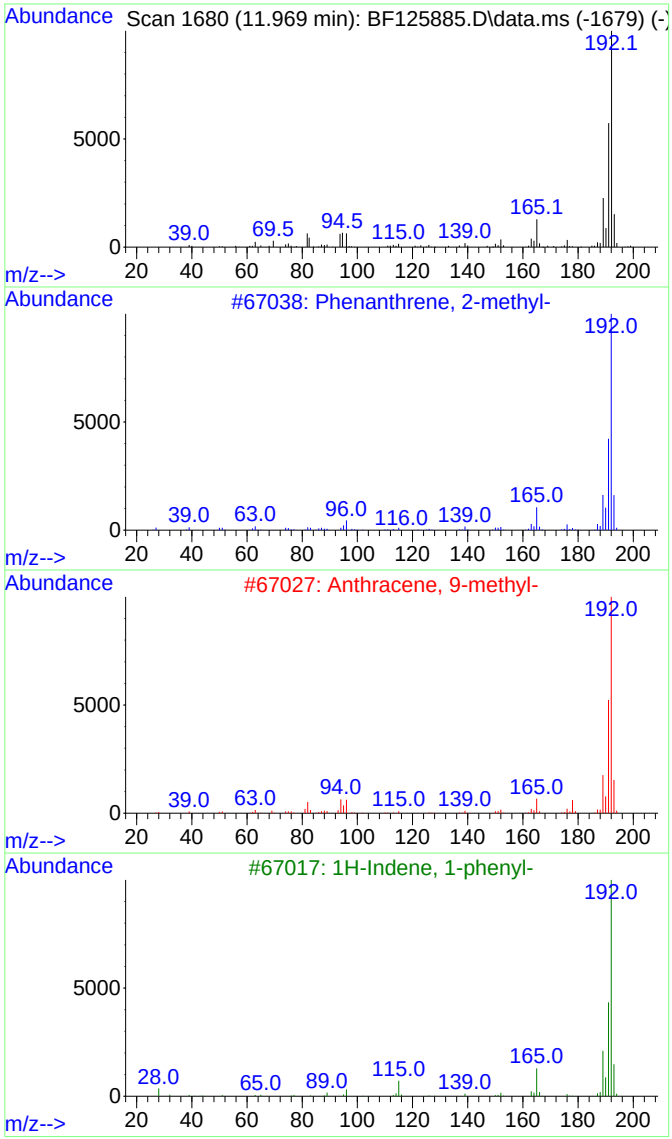
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

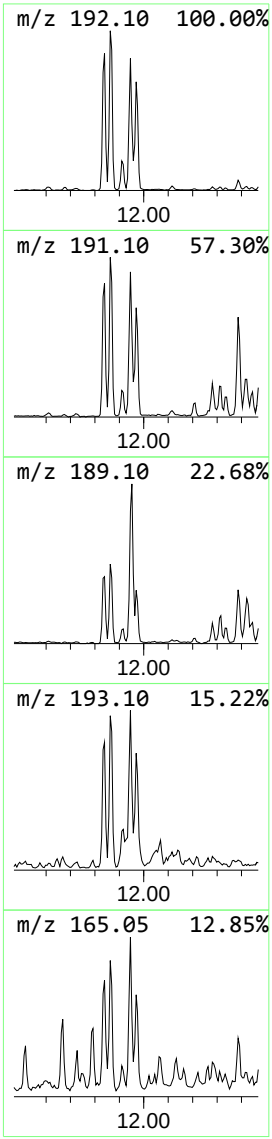
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	3.88 ng	219304	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Sample : M4252-07
Misc :
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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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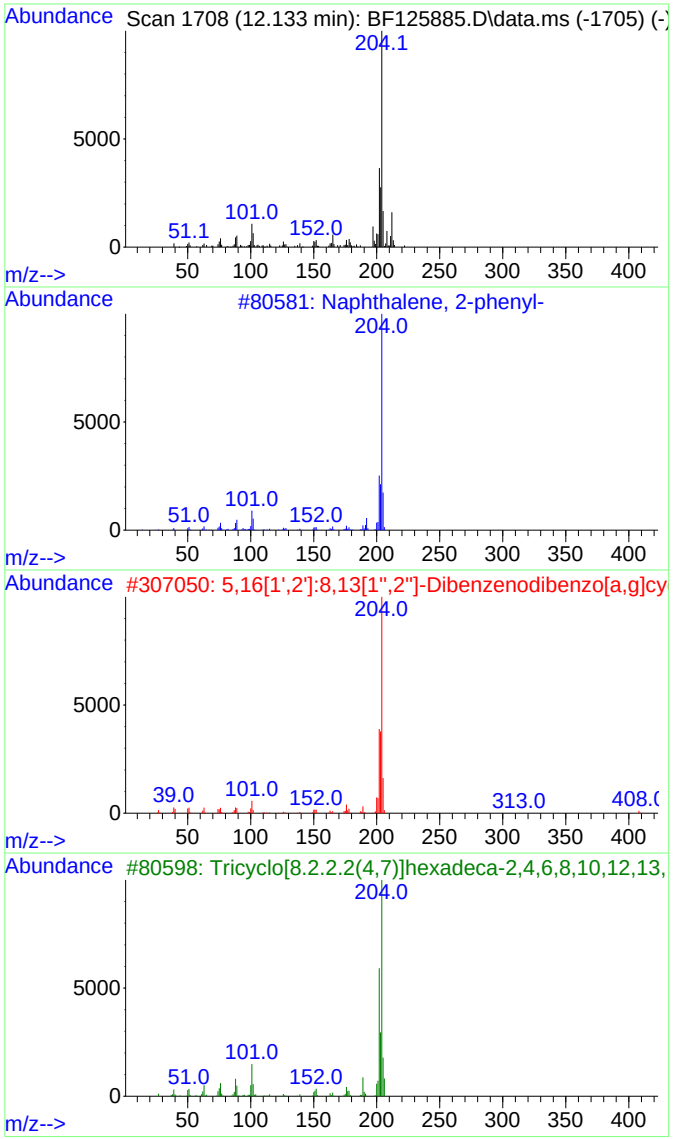
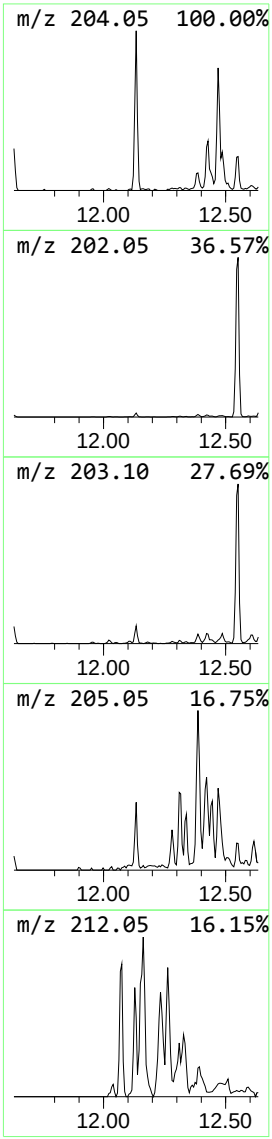
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	3.82 ng	216241	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49





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Misc :
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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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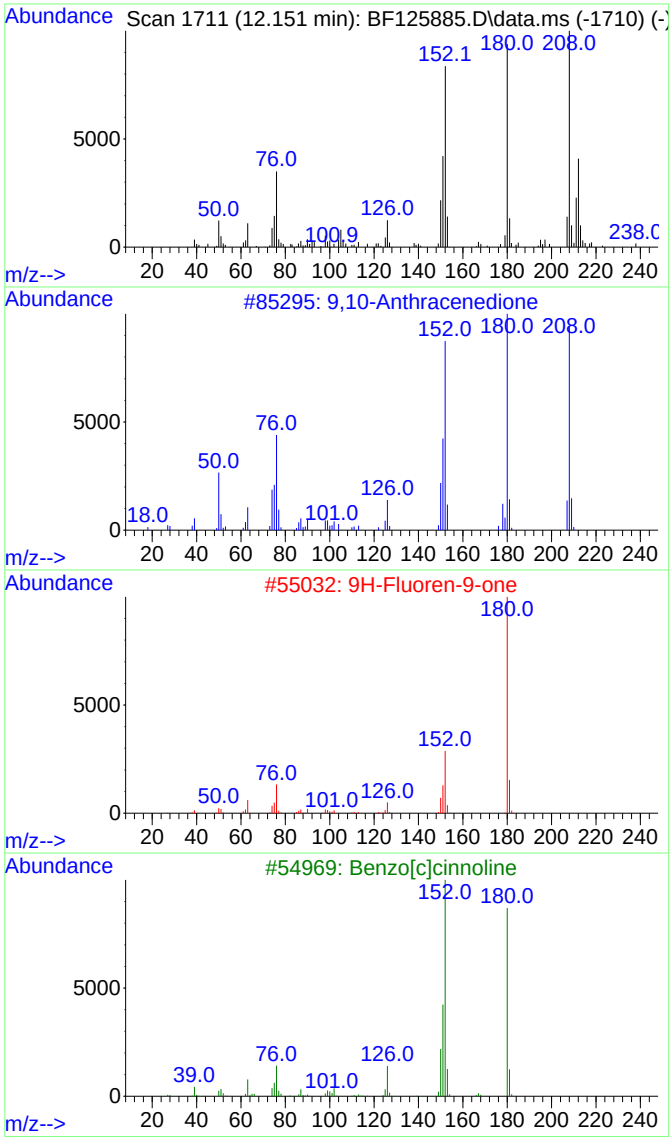
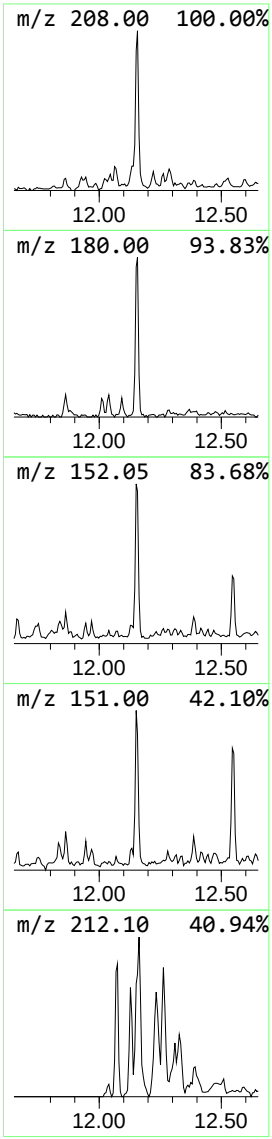
Peak Number 7 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	4.11 ng	232571	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	38





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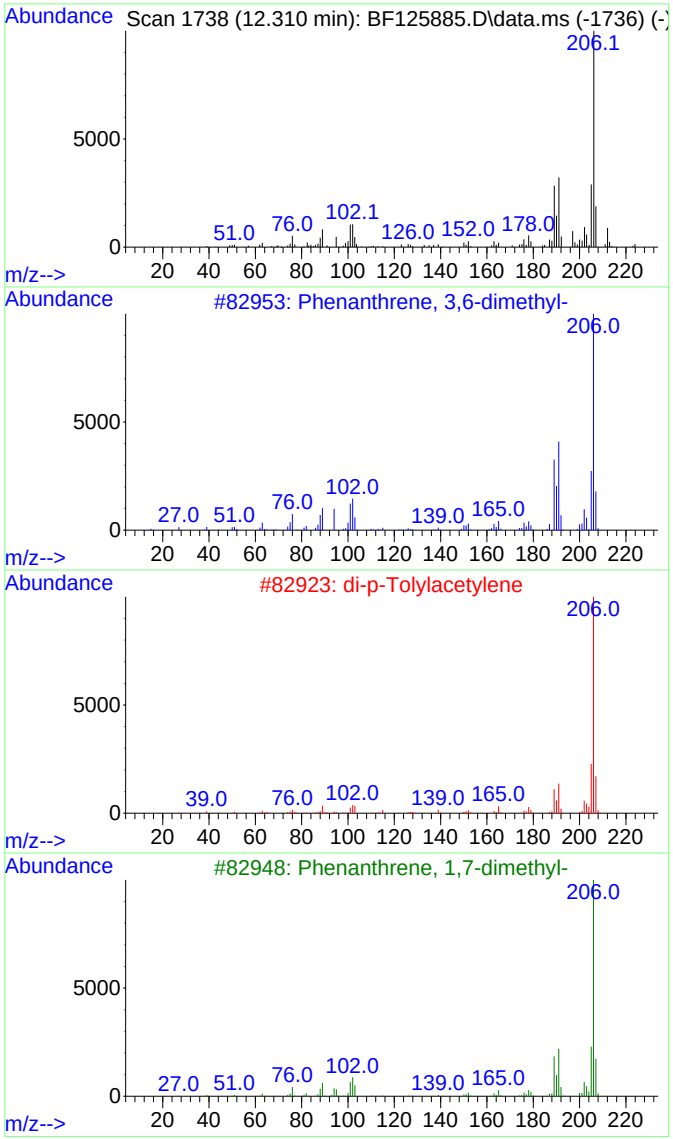
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

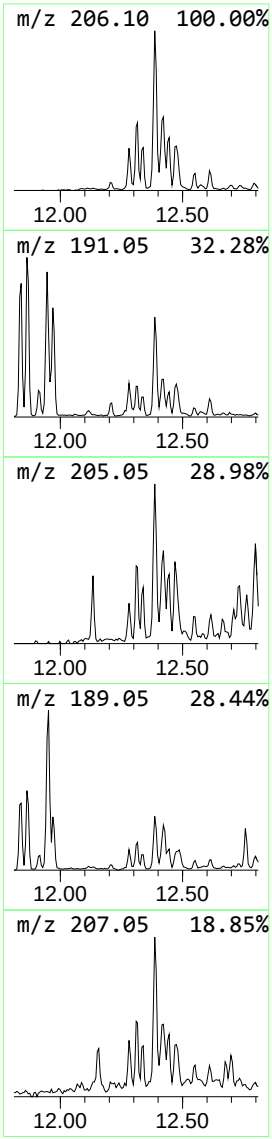
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	2.74 ng	154971	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	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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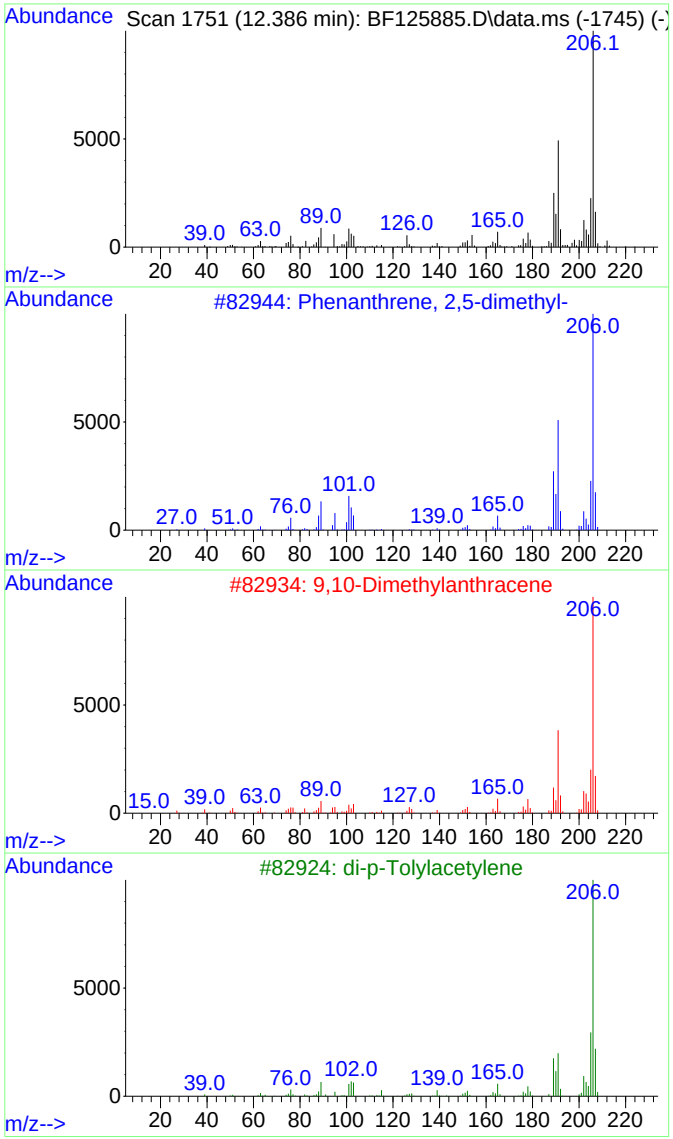
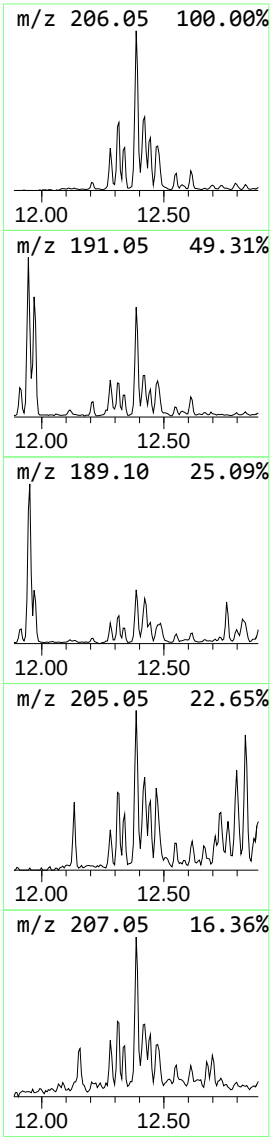
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	8.14 ng	460413	Phenanthrene-d10	11.339

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	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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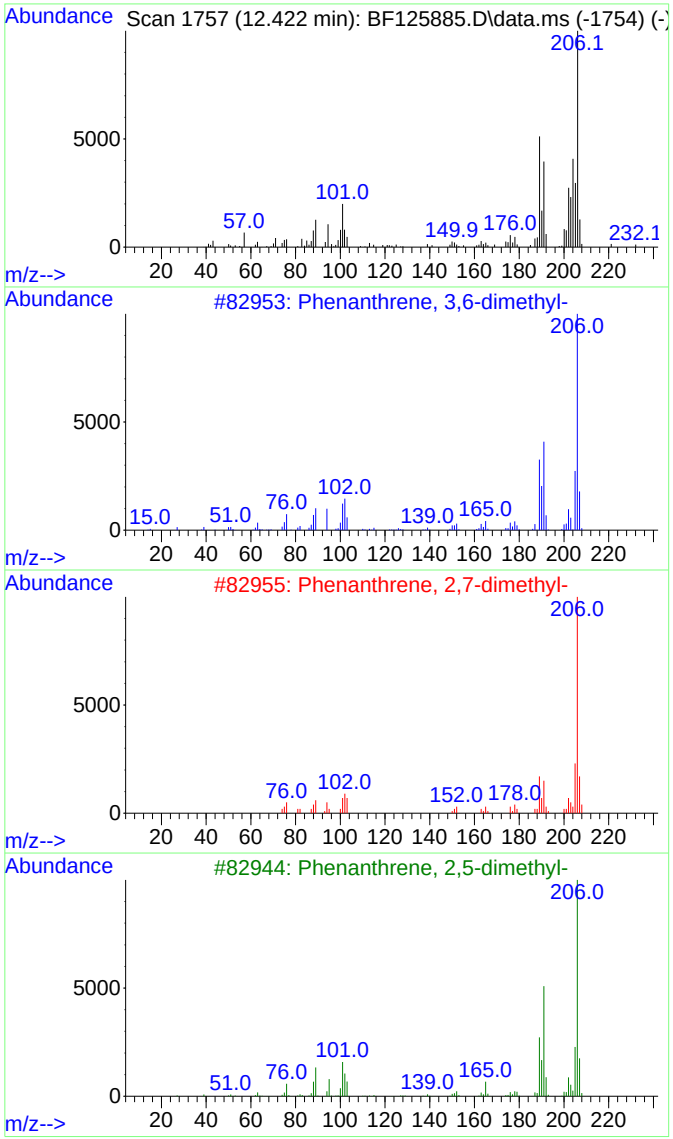
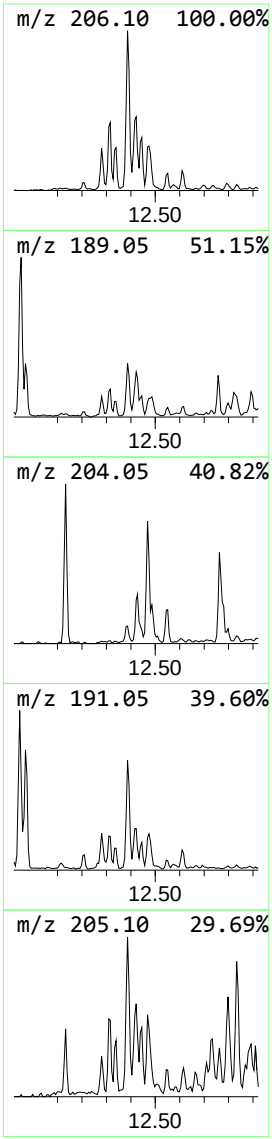
Peak Number 10 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	3.98 ng	225301	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	53
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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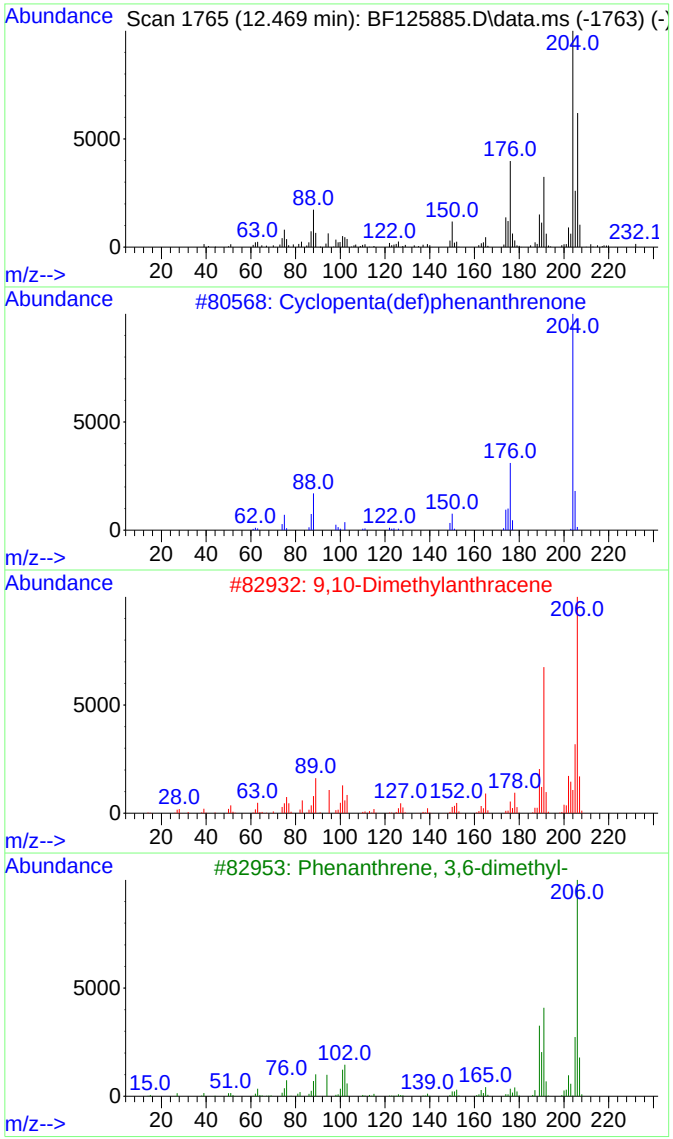
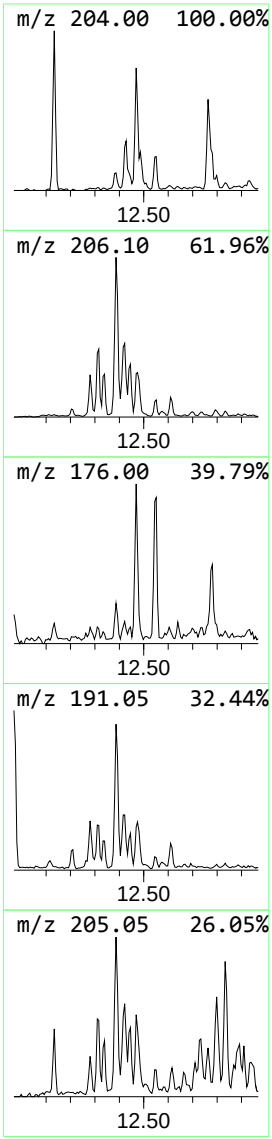
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.22 ng	238767	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	45
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	42
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42





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

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

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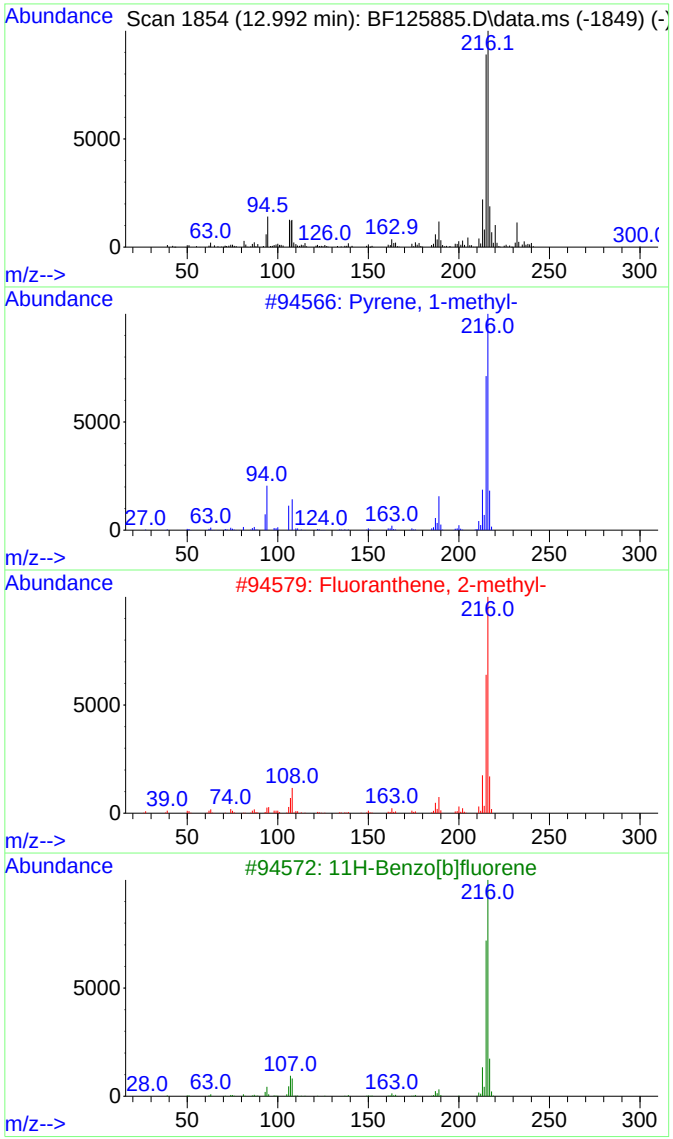
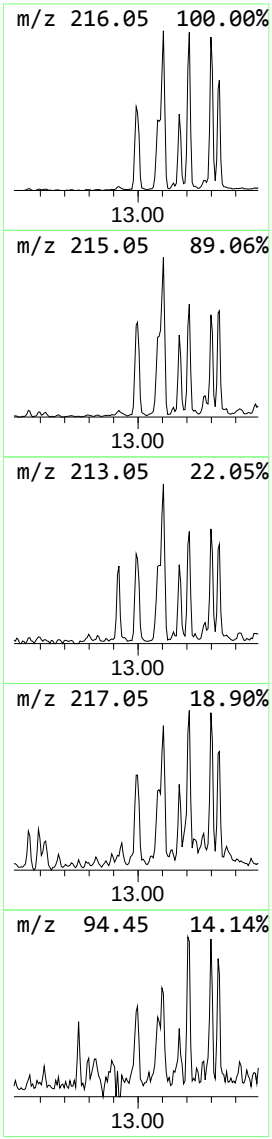
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	3.08 ng	370000	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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

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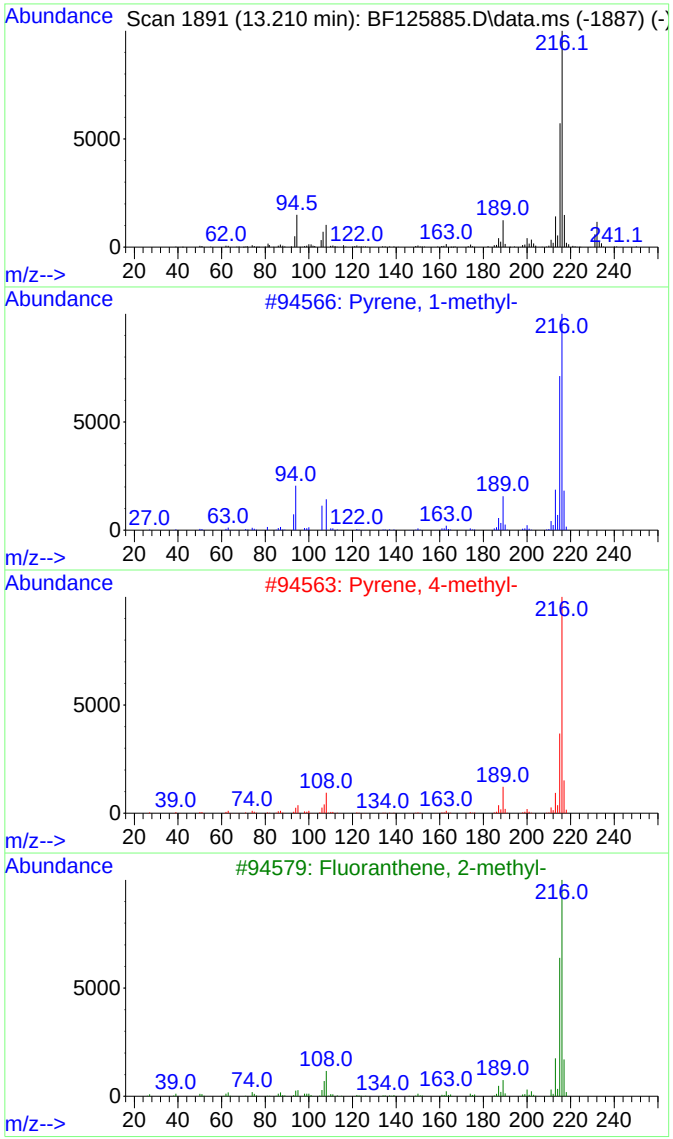
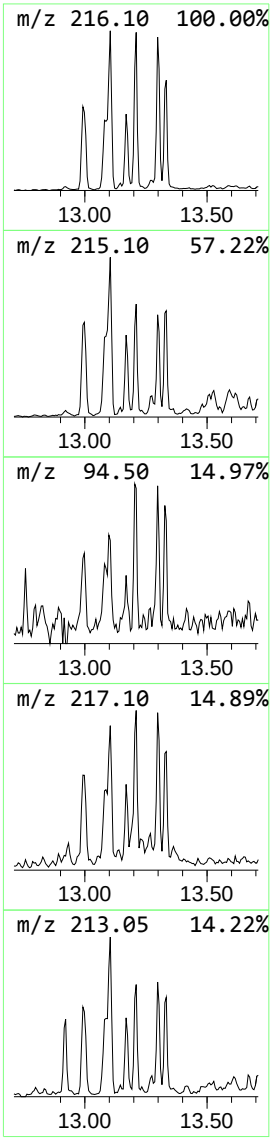
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	3.35 ng	402195	Chrysene-d12	13.974

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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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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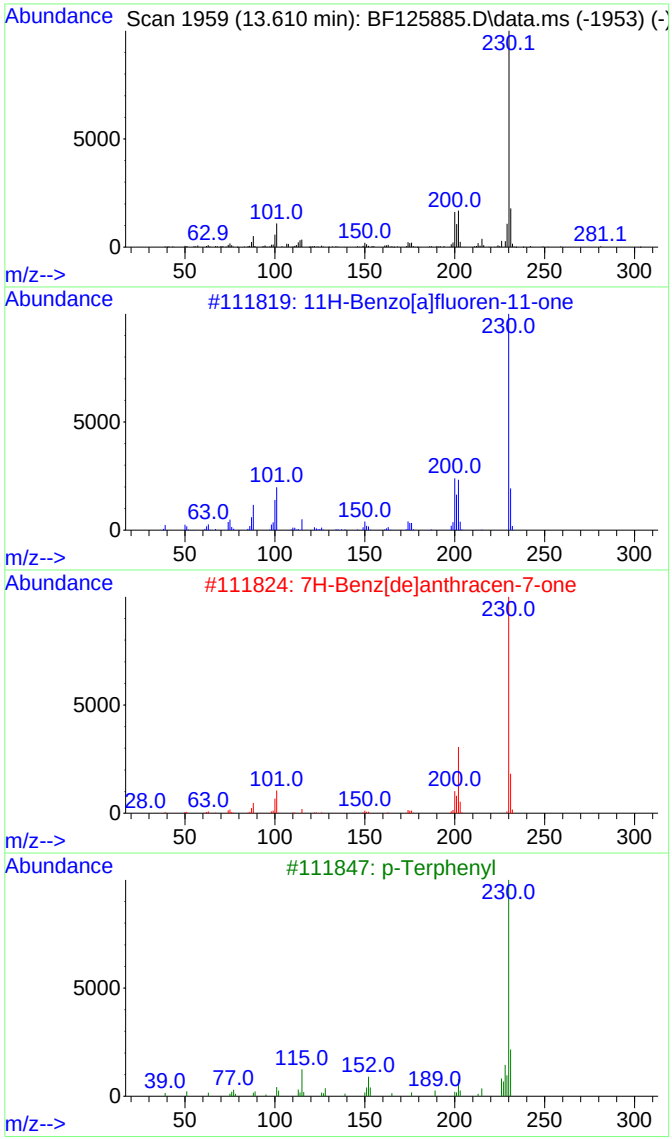
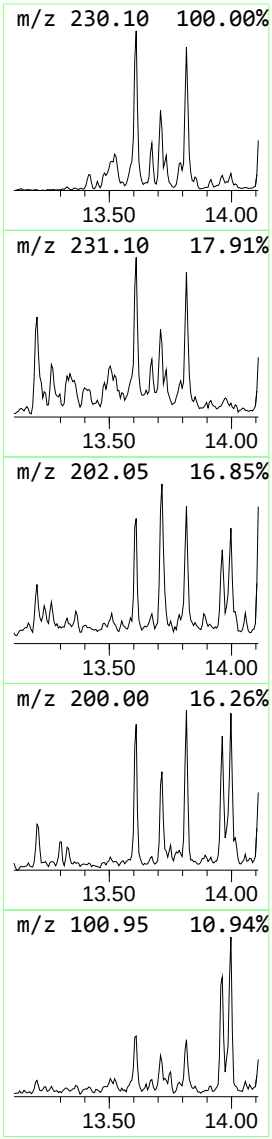
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	2.92 ng	351235	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	p-Terphenyl	230	C18H14	000092-94-4	72
4	m-Terphenyl	230	C18H14	000092-06-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	64





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

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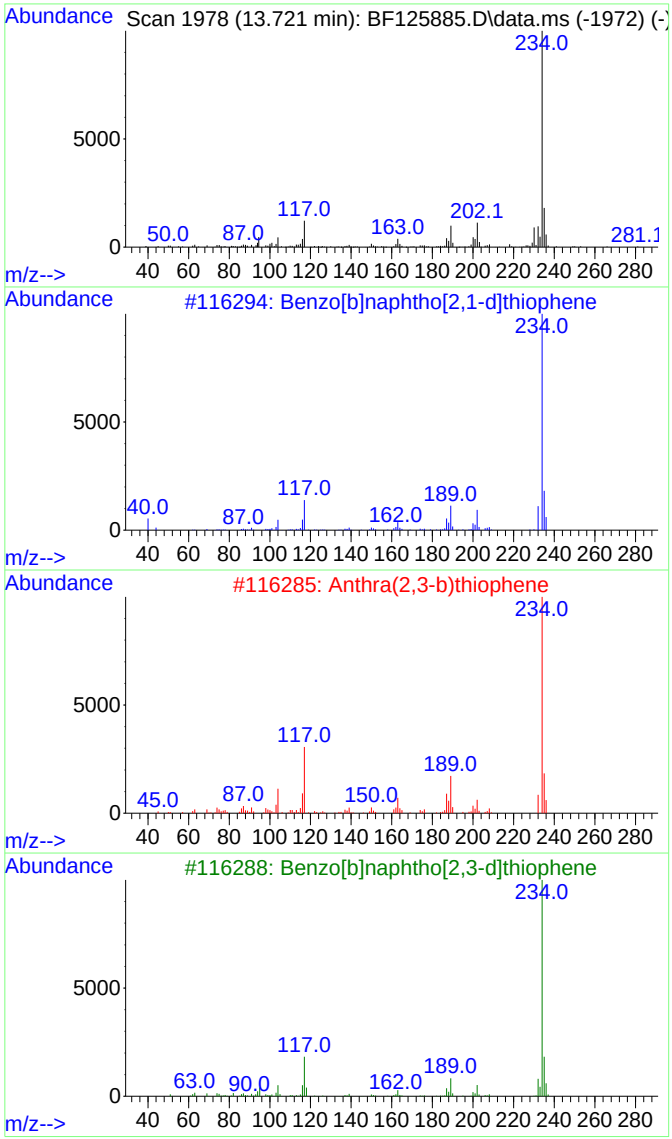
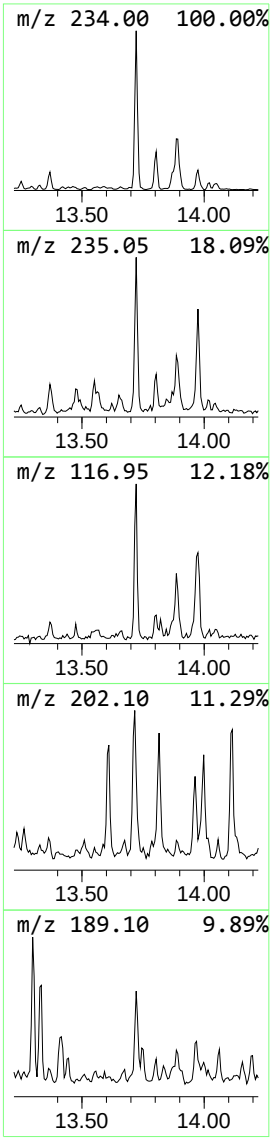
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	3.79 ng	455662	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	72
5	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	64





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TIC Library : C:\Database\NIST20.L
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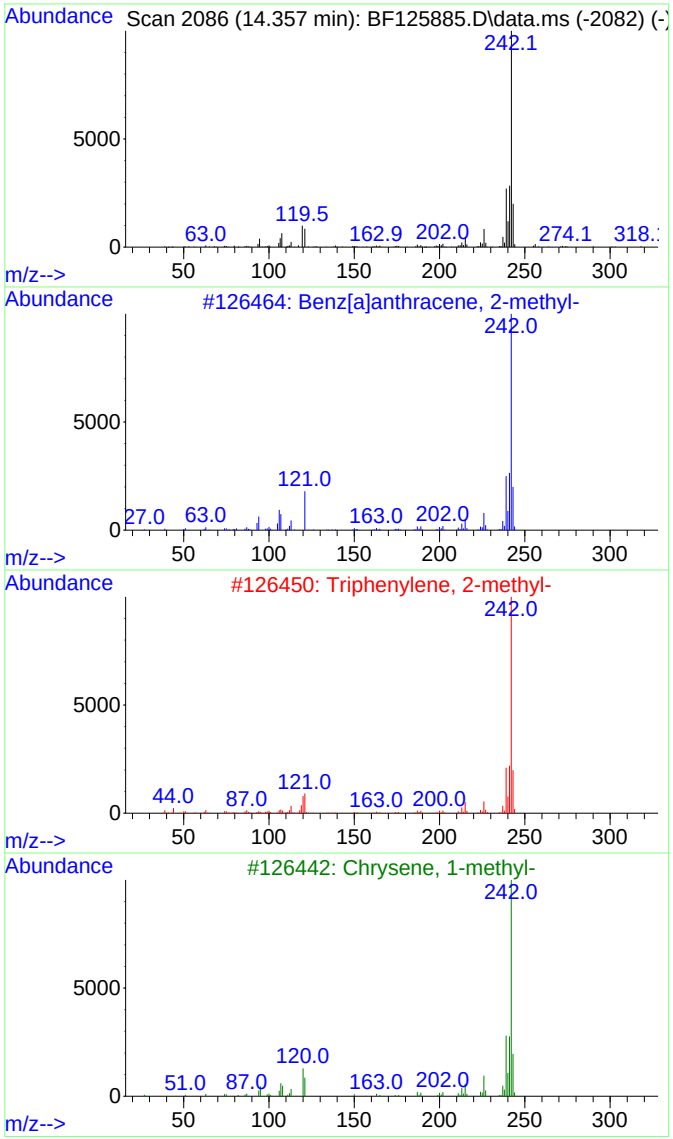
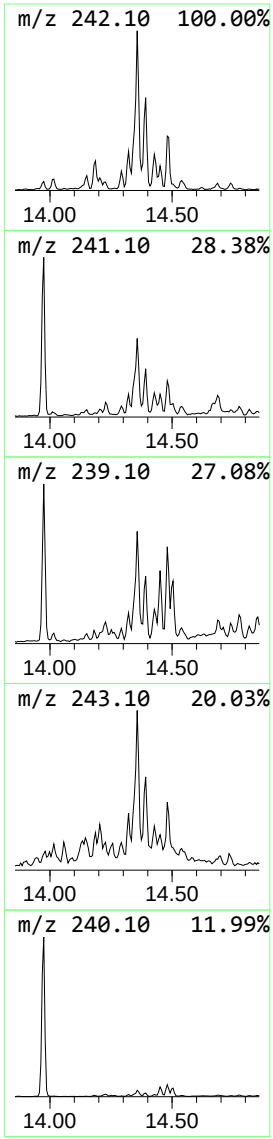
Peak Number 16 Benz[a]anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	3.32 ng	398737	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89





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ClientSampleId :
MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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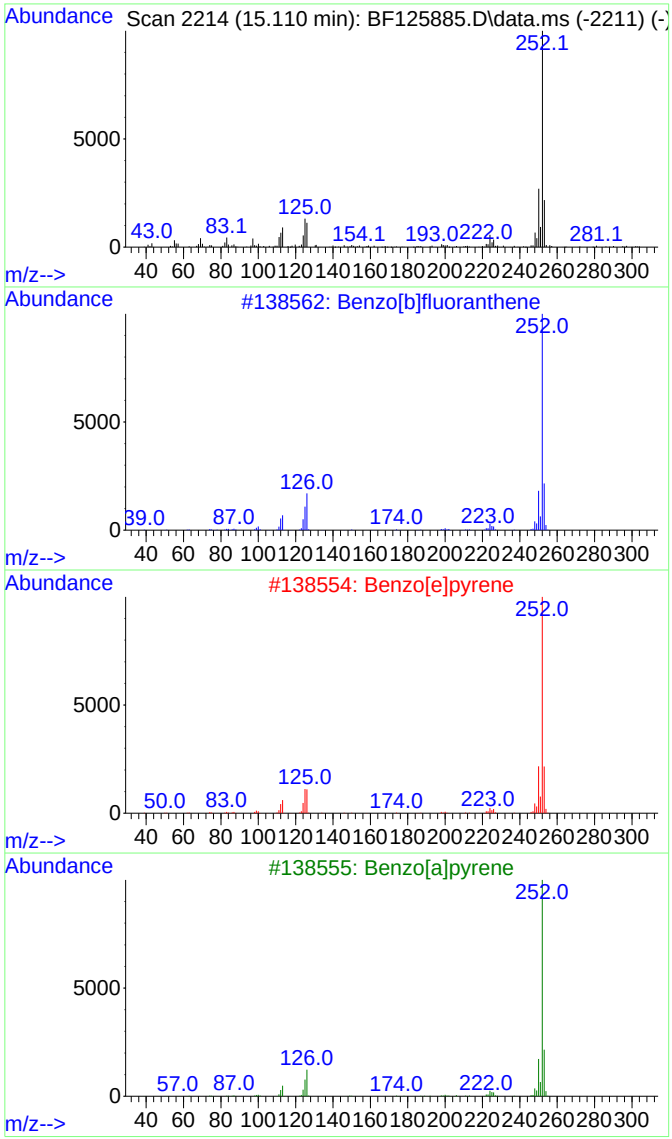
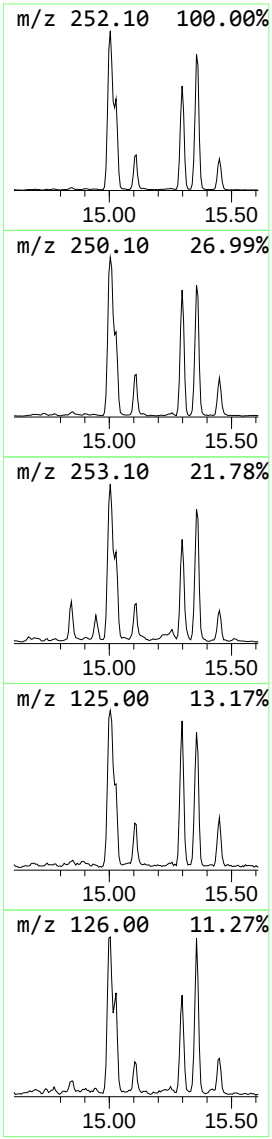
Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	4.97 ng	226640	Perylene-d12	15.421

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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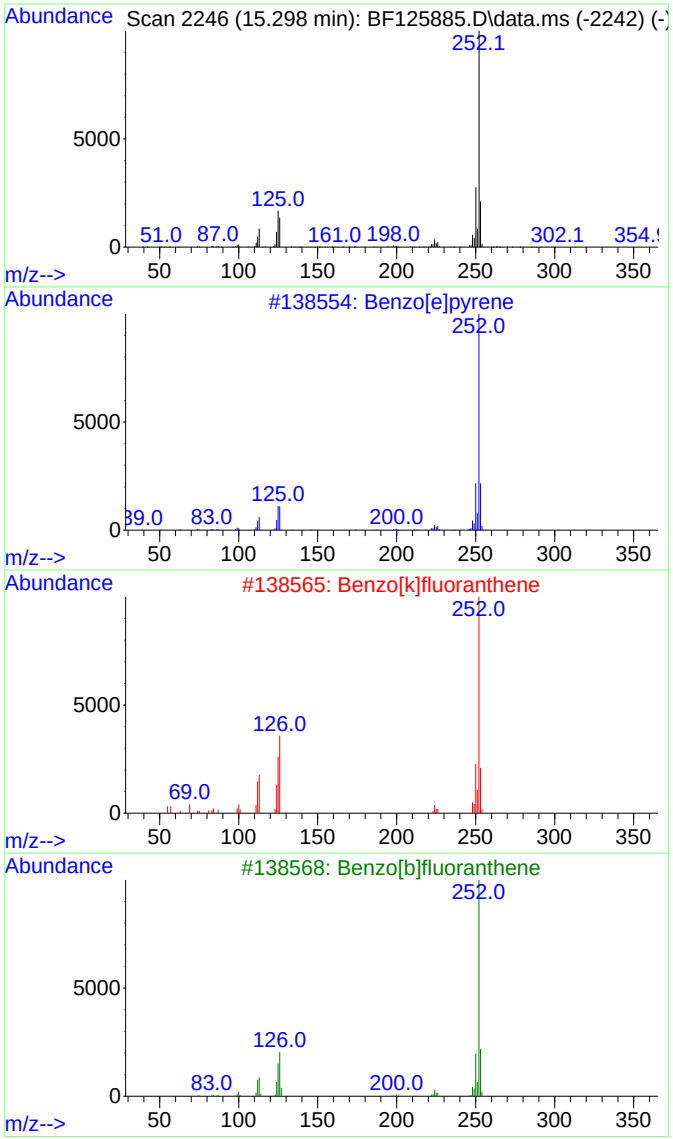
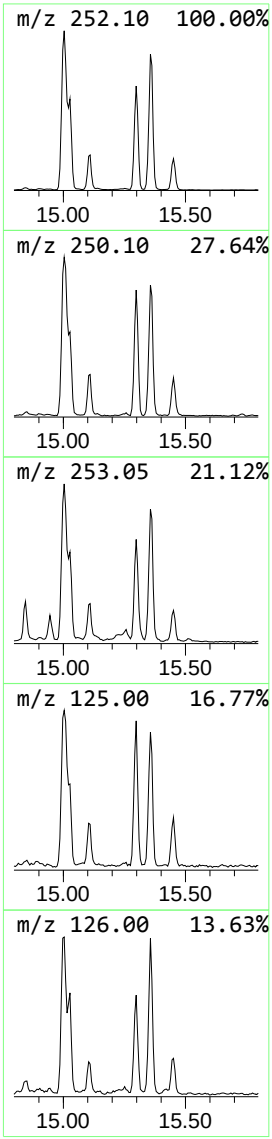
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	14.47 ng	660113	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Perylene	252	C20H12	000198-55-0	91





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Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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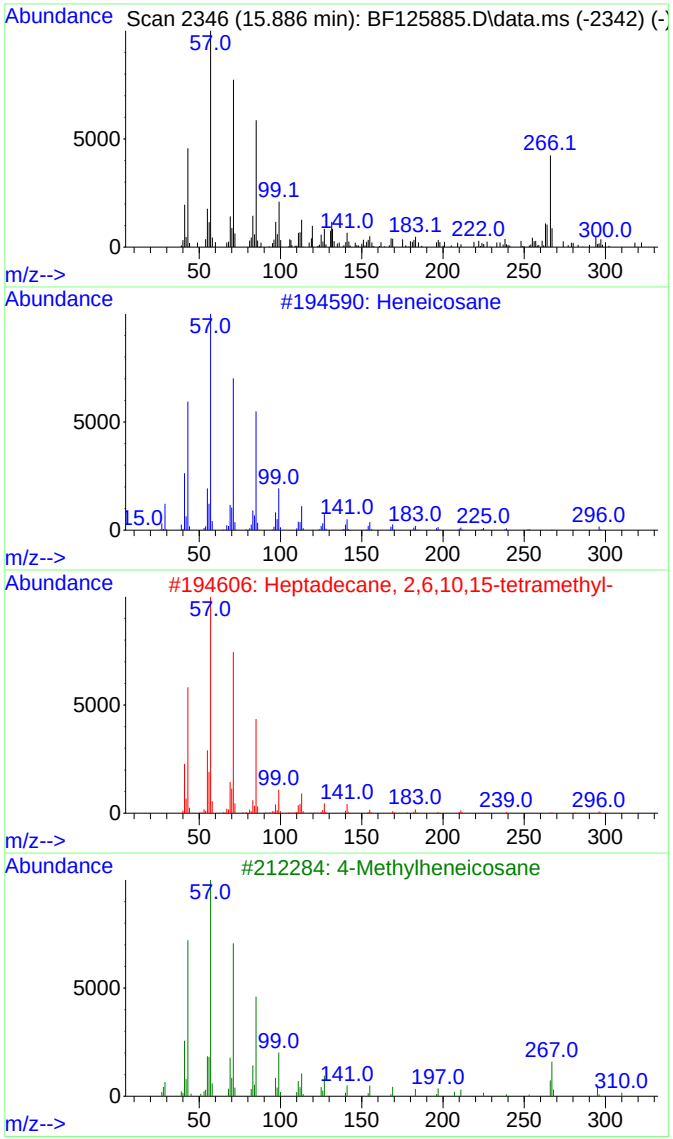
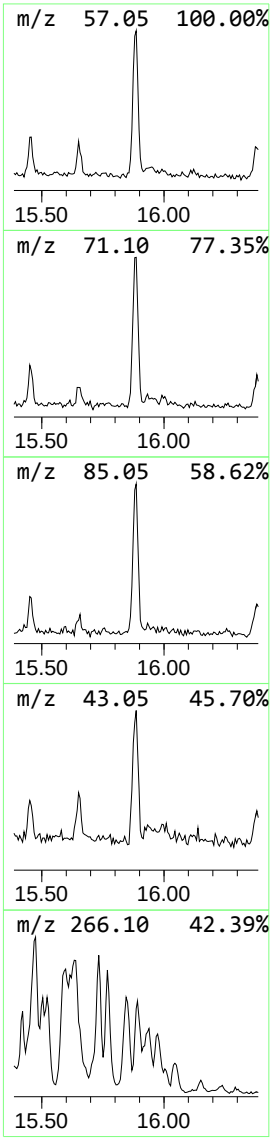
Peak Number 19 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.886	3.21 ng	146192	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
3	4-Methylheneicosane	310	C22H46	025117-29-7	60
4	Docosane	310	C22H46	000629-97-0	60
5	Octacosane	394	C28H58	000630-02-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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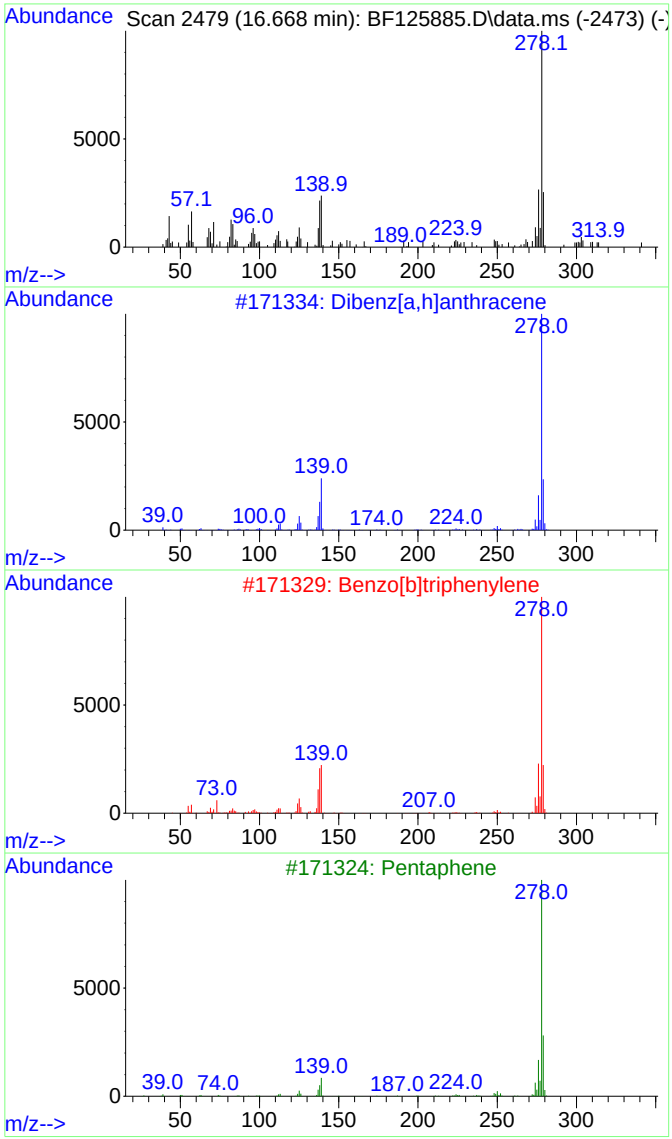
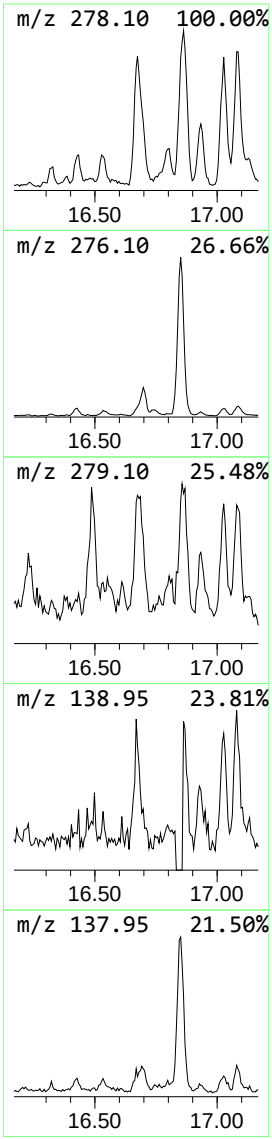
Peak Number 20 Benzo[b]triphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.668	3.16 ng	144094	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
3	Pentaphene	278	C22H14	000222-93-5	86
4	Benzo[b]chrysene	278	C22H14	000214-17-5	86
5	Picene	278	C22H14	000213-46-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125885.D
Acq On : 18 Oct 2021 19:23
Operator : JU/CG
Sample : M4252-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CA-(1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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
Ethanol, 2-(2-b...	8.004	4.7	ng	309851	2	8.104	1316710	20.0
Phenanthrene, 2...	11.839	6.2	ng	349119	4	11.339	1131720	20.0
Phenanthrene, 1...	11.863	8.0	ng	454852	4	11.339	1131720	20.0
Anthracene, 2-m...	11.945	9.1	ng	516419	4	11.339	1131720	20.0
Anthracene, 9-m...	11.969	3.9	ng	219304	4	11.339	1131720	20.0
Naphthalene, 2-...	12.133	3.8	ng	216241	4	11.339	1131720	20.0
9,10-Anthracene...	12.151	4.1	ng	232571	4	11.339	1131720	20.0
Phenanthrene, 3...	12.310	2.7	ng	154971	4	11.339	1131720	20.0
Phenanthrene, 2...	12.386	8.1	ng	460413	4	11.339	1131720	20.0
Phenanthrene, 2...	12.422	4.0	ng	225301	4	11.339	1131720	20.0
Cyclopenta(def)...	12.469	4.2	ng	238767	4	11.339	1131720	20.0
Pyrene, 1-methyl-	12.992	3.1	ng	370000	5	13.974	2403010	20.0
Pyrene, 4-methyl-	13.210	3.4	ng	402195	5	13.974	2403010	20.0
11H-Benzo[a]flu...	13.610	2.9	ng	351235	5	13.974	2403010	20.0
Benzo[b]naphtho...	13.722	3.8	ng	455662	5	13.974	2403010	20.0
Benz[a]anthrace...	14.357	3.3	ng	398737	5	13.974	2403010	20.0
Benzo[e]pyrene	15.110	5.0	ng	226640	6	15.421	912190	20.0
Benzo[j]fluoran...	15.298	14.5	ng	660113	6	15.421	912190	20.0
Heneicosane	15.886	3.2	ng	146192	6	15.421	912190	20.0
Benzo[b]triphen...	16.668	3.2	ng	144094	6	15.421	912190	20.0