LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125837.D
Acq On : 13 Oct 2021 20:56
Operator : JU/CG
Sample : M4147-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20-20211007-WC

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: BF125837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.910	298	310	315	rBV	134335	207384	7.01%	0.382%
2	4.493	403	409	417	rVB4	45645	67431	2.28%	0.124%
3	5.057	501	505	512	rVB2	66592	87582	2.96%	0.161%
4	5.328	548	551	554	rBV	94444	93611	3.16%	0.173%
5	5.463	566	574	577	rBV	2992937	2914340	98.51%	5.372%
6	5.698	606	614	622	rBV2	166264	240965	8.15%	0.444%
7	6.469	738	745	748	rBV	2765576	2680693	90.62%	4.941%
8	6.675	777	780	786	rBV3	174193	245340	8.29%	0.452%
9	6.845	806	809	816	rVB	1344885	1033462	34.93%	1.905%
10	7.110	849	854	861	rBV2	93674	151138	5.11%	0.279%
11	7.245	872	877	880	rBV2	57366	60491	2.04%	0.111%
12	7.404	897	904	907	rBV	2049248	1676812	56.68%	3.091%
13	7.704	952	955	961	rBV	67874	76759	2.59%	0.141%
14	7.881	981	985	988	rBV4	44270	58269	1.97%	0.107%
15	7.928	991	993	1002	rVB3	46942	66208	2.24%	0.122%
16	8.028	1006	1010	1017	rBV	435465	354810	11.99%	0.654%
17	8.128	1022	1027	1029	rVV	1584741	1367740	46.23%	2.521%
18	8.145	1029	1030	1034	rVV	622268	431741	14.59%	0.796%
19	8.345	1060	1064	1067	rBV	93696	81766	2.76%	0.151%
20	8.404	1070	1074	1079	rBV	85903	90839	3.07%	0.167%
21	8.551	1096	1099	1103	rBV	63850	57409	1.94%	0.106%
22	8.834	1142	1147	1153	rBV2	423511	414585	14.01%	0.764%
23	8.939	1161	1165	1168	rVB	186938	162668	5.50%	0.300%
24	9.198	1206	1209	1213	rVB	3400044	2958277	100.00%	5.453%
25	9.281	1221	1223	1225	rBV2	62003	56796	1.92%	0.105%
26	9.469	1251	1255	1258	rVB2	61494	83309	2.82%	0.154%
27	9.539	1264	1267	1269	rBV	123407	114177	3.86%	0.210%
28	9.563	1269	1271	1274	rVB	89598	70597	2.39%	0.130%
29	9.604	1274	1278	1280	rBV2	77972	77334	2.61%	0.143%
30	9.657	1284	1287	1288	rVV	64735	55217	1.87%	0.102%
31	9.675	1288	1290	1296	rVB6	47665	60964	2.06%	0.112%
32	9.739	1296	1301	1305	rBV	128073	122946	4.16%	0.227%
33	9.881	1319	1325	1328	rBV	1586393	1308995	44.25%	2.413%
34	9.910	1328	1330	1334	rVB	290860	230150	7.78%	0.424%
35	10.081	1356	1359	1363	rVB	169976	149365	5.05%	0.275%
36	10.198	1374	1379	1381	rVV3	47670	55540	1.88%	0.102%

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Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.286	1390	1394	1396	rVV3	51677	60997	2.06%	0.112%
38	10.422	1414	1417	1424	rBV2	188387	197205	6.67%	0.363%
39	10.492	1424	1429	1430	rVV	52539	61904	2.09%	0.114%
40	10.533	1434	1436	1439	rVV2	65705	72826	2.46%	0.134%
41	10.581	1442	1444	1448	rVB	87103	74952	2.53%	0.138%
42	10.663	1454	1458	1462	rBV	1787106	1659845	56.11%	3.059%
43	10.710	1462	1466	1470	rVB4	54500	68549	2.32%	0.126%
44	10.798	1476	1481	1484	rBV2	170436	213844	7.23%	0.394%
45	11.104	1528	1533	1535	rBV3	63251	90934	3.07%	0.168%
46	11.169	1541	1544	1548	rVB2	95678	105161	3.55%	0.194%
47	11.216	1548	1552	1553	rBV2	71439	91555	3.09%	0.169%
48	11.233	1553	1555	1557	rVV2	87962	85933	2.90%	0.158%
49	11.263	1557	1560	1565	rVB2	135965	145969	4.93%	0.269%
50	11.363	1574	1577	1579	rBV	1450847	1249593	42.24%	2.303%
51	11.386	1579	1581	1584	rVV	1613729	1284880	43.43%	2.368%
52	11.439	1587	1590	1593	rVB	494561	393743	13.31%	0.726%
53	11.469	1593	1595	1599	rBV	115677	116722	3.95%	0.215%
54	11.592	1610	1616	1618	rBV2	244685	291779	9.86%	0.538%
55	11.657	1625	1627	1630	rVB3	90932	65997	2.23%	0.122%
56	11.863	1659	1662	1664	rBV	227160	205269	6.94%	0.378%
57	11.892	1664	1667	1671	rVB	524639	472799	15.98%	0.871%
58	11.939	1672	1675	1678	rBV	199426	172776	5.84%	0.318%
59	11.980	1678	1682	1684	rBV2	403539	480031	16.23%	0.885%
60	11.998	1684	1685	1689	rVB	228481	150944	5.10%	0.278%
61	12.069	1694	1697	1699	rVV2	96516	82222	2.78%	0.152%
62	12.157	1710	1712	1714	rVV	182348	156201	5.28%	0.288%
63	12.180	1714	1716	1719	rVB	96674	78808	2.66%	0.145%
64	12.310	1736	1738	1740	rBV	105283	68983	2.33%	0.127%
65	12.363	1745	1747	1749	rVB	82690	65423	2.21%	0.121%
66	12.416	1753	1756	1759	rVV	227833	242769	8.21%	0.447%
67	12.457	1759	1763	1765	rVV2	209264	269568	9.11%	0.497%
68	12.498	1768	1770	1775	rVB2	155333	182458	6.17%	0.336%
69	12.580	1780	1784	1787	rBV	2584763	2254915	76.22%	4.156%
70	12.622	1787	1791	1792	rBV3	89334	78015	2.64%	0.144%
71	12.669	1797	1799	1802	rBV2	118739	118882	4.02%	0.219%
72	12.810	1817	1823	1828	rVB	2273544	2792649	94.40%	5.147%
73	12.851	1828	1830	1836	rVB3	158215	212855	7.20%	0.392%
74	12.922	1839	1842	1843	rBV2	179719	154316	5.22%	0.284%
75	12.951	1843	1847	1853	rVB	2921159	2902904	98.13%	5.351%
76	13.027	1855	1860	1862	rBV2	227468	340376	11.51%	0.627%

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

77	13.086	1868	1870	1872	rBV3	98150	110160	3.72%	0.203%
78	13.110	1872	1874	1875	rVV2	180115	165049	5.58%	0.304%
79	13.133	1875	1878	1881	rVB	538746	481866	16.29%	0.888%
80	13.198	1887	1889	1892	rVB	384141	287600	9.72%	0.530%
81	13.239	1892	1896	1898	rBV2	399680	433991	14.67%	0.800%
82	13.327	1909	1911	1914	rVB	198031	170078	5.75%	0.313%
83	13.357	1914	1916	1920	rBV2	178231	192875	6.52%	0.356%
84	13.780	1986	1988	1990	rVV	271447	181927	6.15%	0.335%
85	13.804	1990	1992	1996	rVV2	202693	276161	9.34%	0.509%
86	13.845	1997	1999	2006	rVB3	266906	338340	11.44%	0.624%
87	13.998	2021	2025	2028	rBV3	2003806	2625772	88.76%	4.840%
88	14.027	2028	2030	2036	rVB	1604610	1505407	50.89%	2.775%
89	14.110	2042	2044	2047	rBV	331277	256451	8.67%	0.473%
90	14.386	2089	2091	2094	rVB	412479	384806	13.01%	0.709%
91	14.421	2095	2097	2101	rVB	222023	195389	6.60%	0.360%
92	14.516	2111	2113	2115	rBV2	246761	218491	7.39%	0.403%
93	15.045	2199	2203	2206	rBV	1559907	2485289	84.01%	4.581%
94	15.151	2218	2221	2225	rVB	503851	509586	17.23%	0.939%
95	15.345	2250	2254	2260	rVB	1128738	1545381	52.24%	2.848%
96	15.410	2260	2265	2271	rBV	1765305	2206133	74.57%	4.066%
97	15.468	2271	2275	2277	rVV	571103	688152	23.26%	1.268%
98	15.498	2278	2280	2287	rVB2	527705	657120	22.21%	1.211%
99	16.933	2519	2524	2531	rVB2	769210	1499626	50.69%	2.764%
100	17.374	2595	2599	2609	rVB	543406	1055709	35.69%	1.946%

Sum of corrected areas: 54252620

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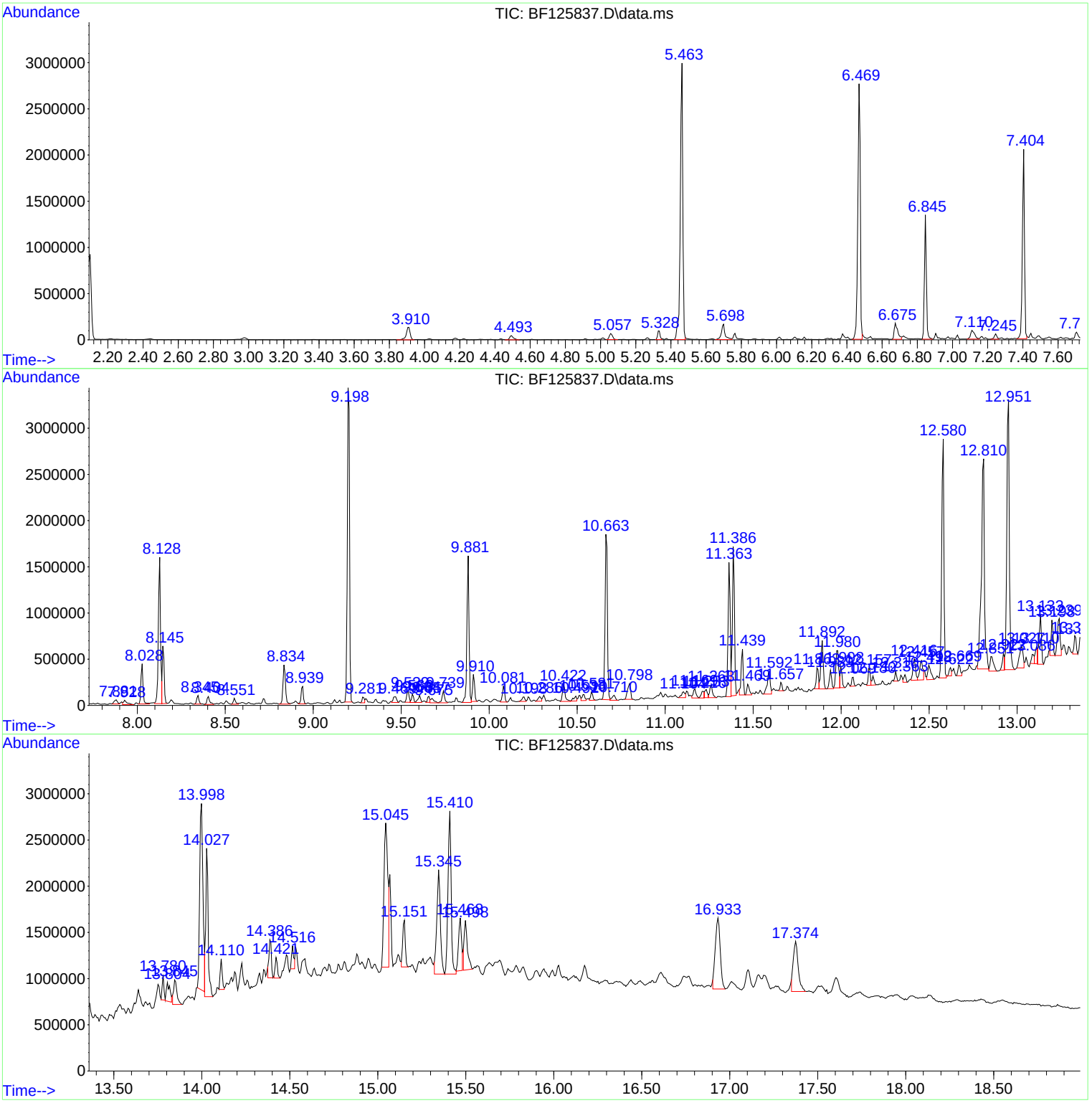
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

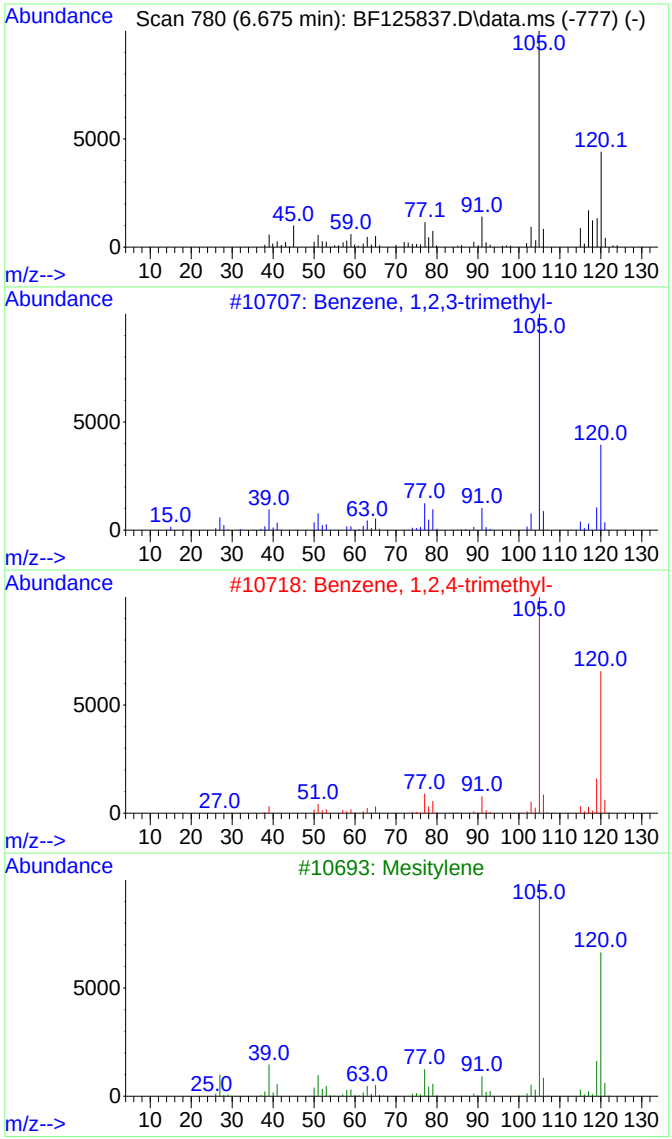
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

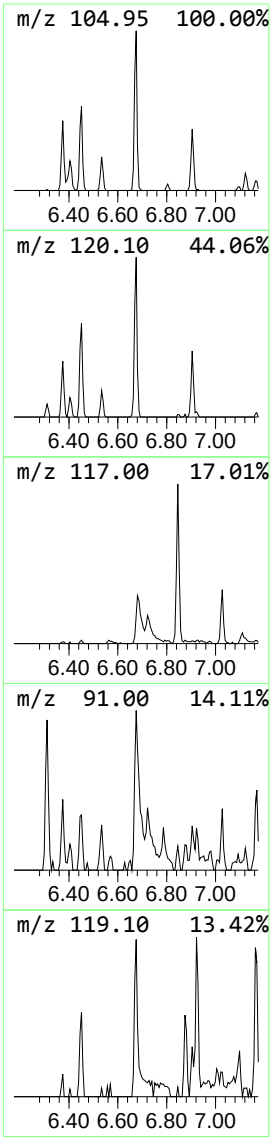
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.675	4.75 ng	245340	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





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TIC Library : C:\Database\NIST20.L
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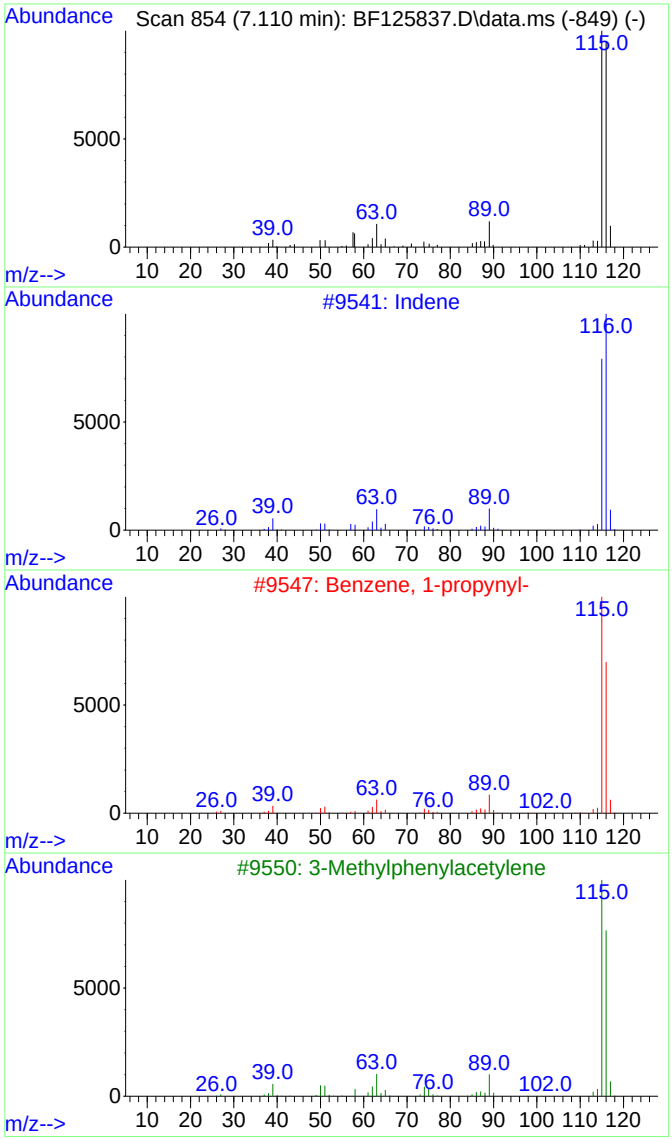
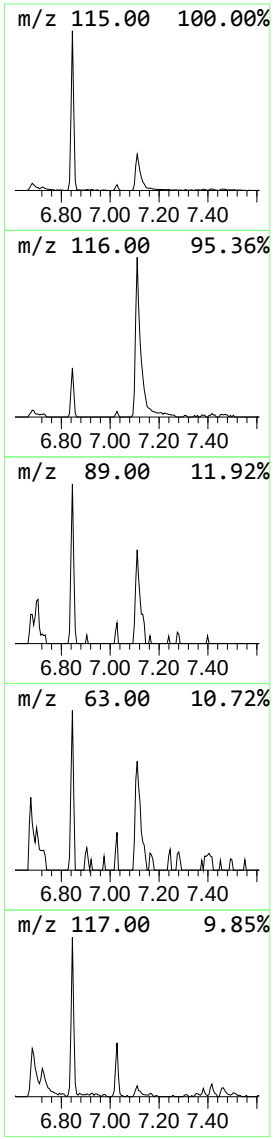
****

Peak Number 4 Indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	2.92 ng	151138	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83





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

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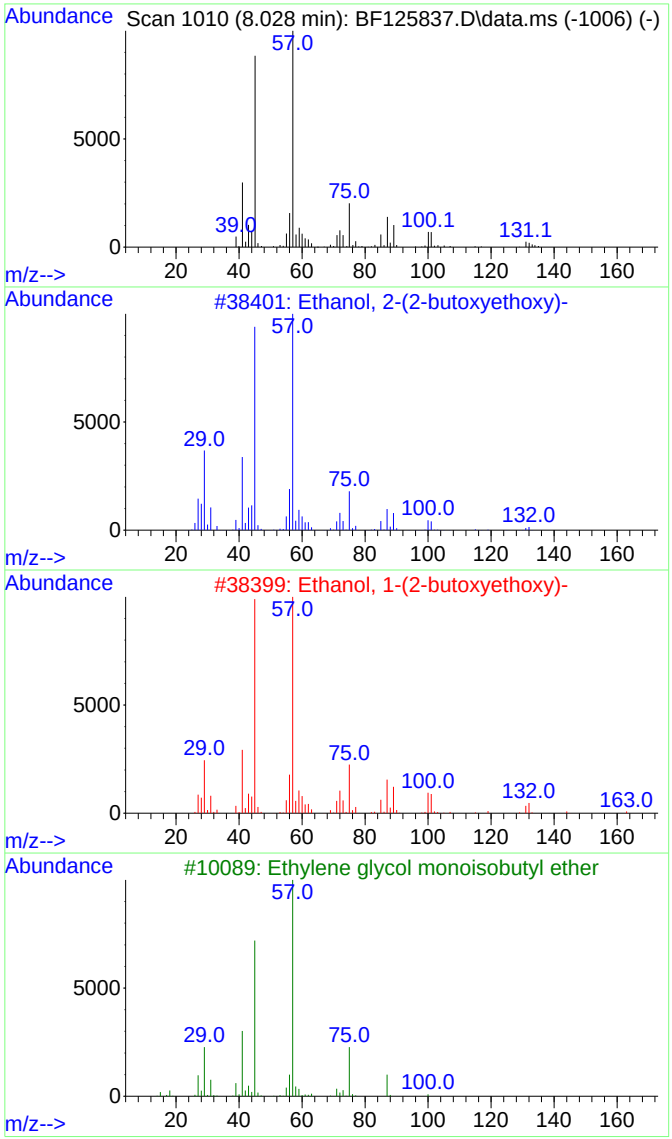
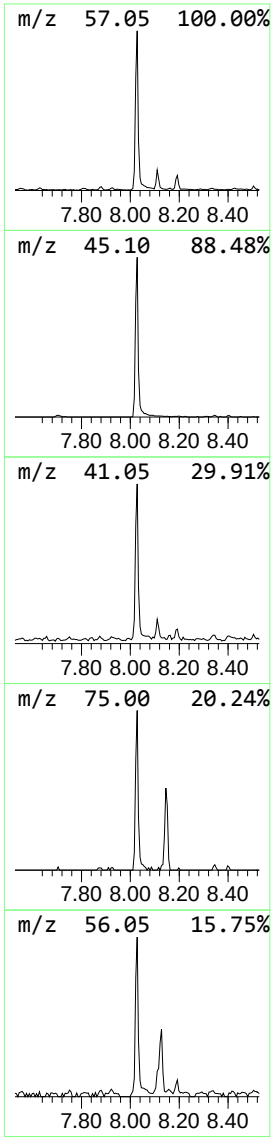
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	5.19 ng	354810	Naphthalene-d8	8.128

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	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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

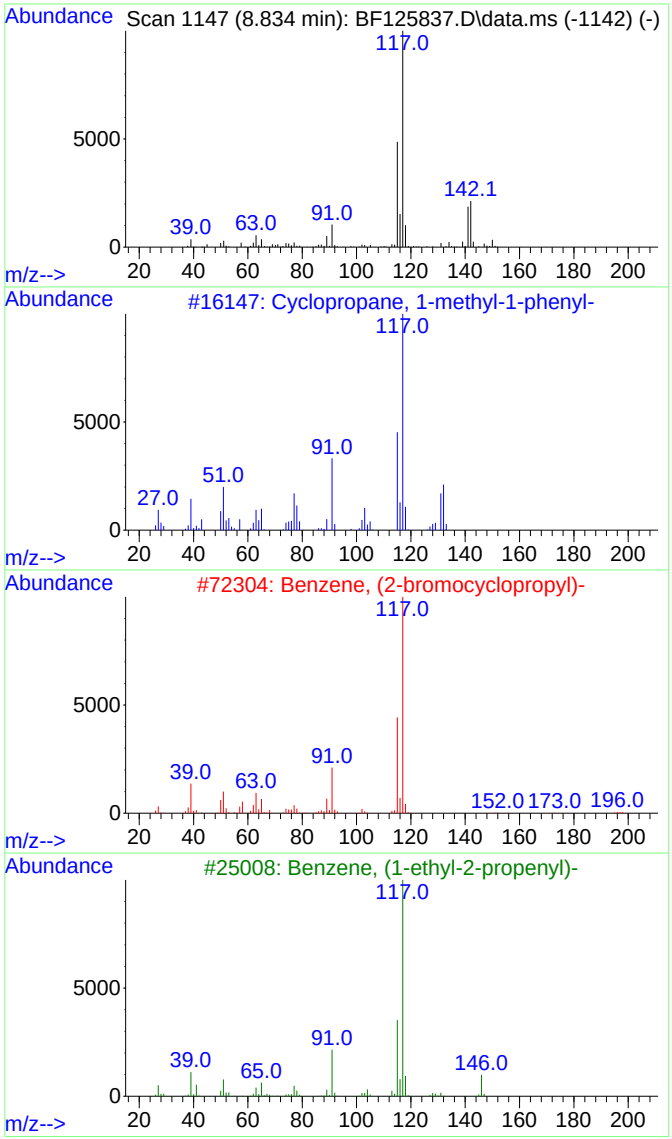
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

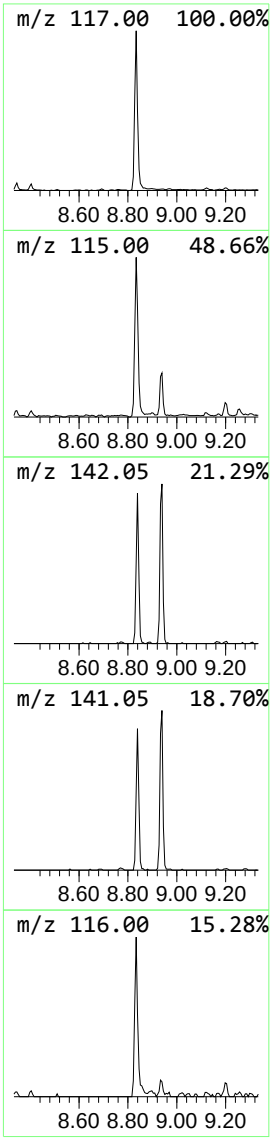
****

Peak Number 6 Cyclopropane, 1-methyl-1-ph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.834	6.06 ng	414585	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	59
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	59
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	47





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Sample : M4147-01
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Instrument : BNA_F
ClientSampleId : 20-20211007-WC

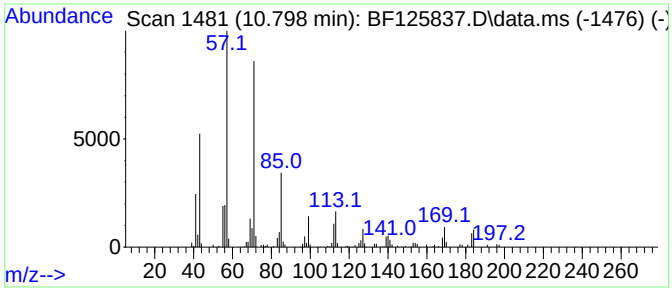
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

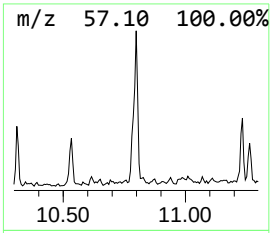
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

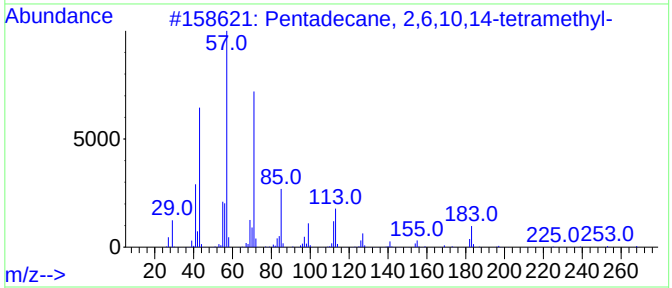
****
Peak Number 7 Pentadecane, 2,6,10,14-tetr... Concentration Rank 13

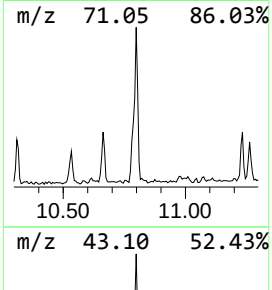
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	3.42 ng	213844	Phenanthrene-d10	11.363

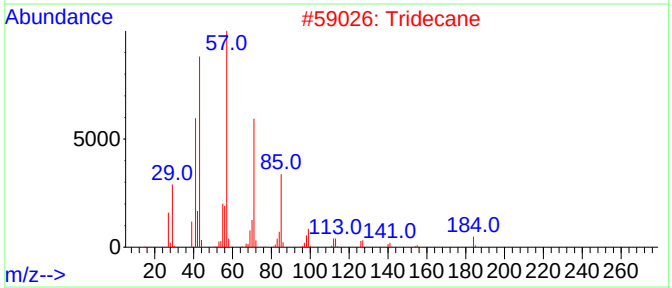
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Tridecane	184	C13H28	000629-50-5	80
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	76
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72

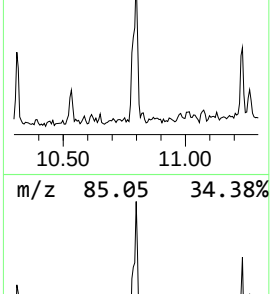


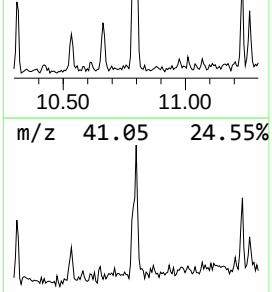


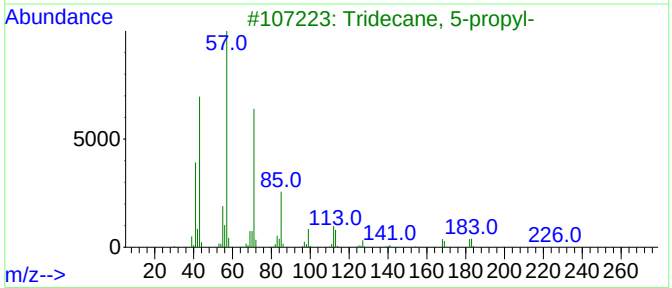












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Acq On : 13 Oct 2021 20:56
Operator : JU/CG
Sample : M4147-01
Misc :
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Instrument :
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ClientSampleId :
20-20211007-WC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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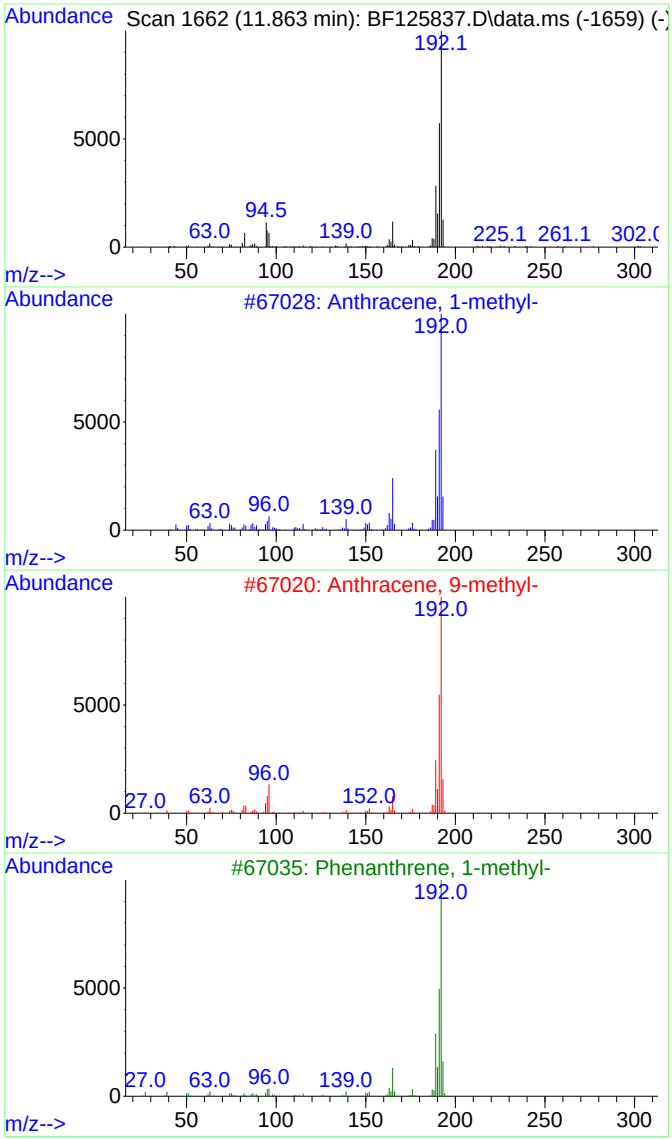
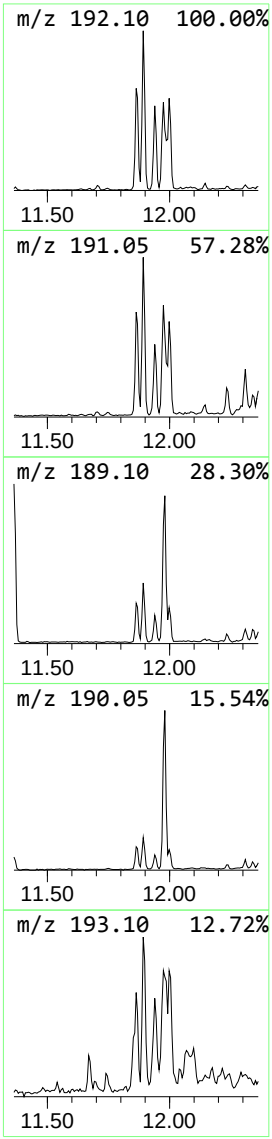
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.29 ng	205269	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Sample : M4147-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

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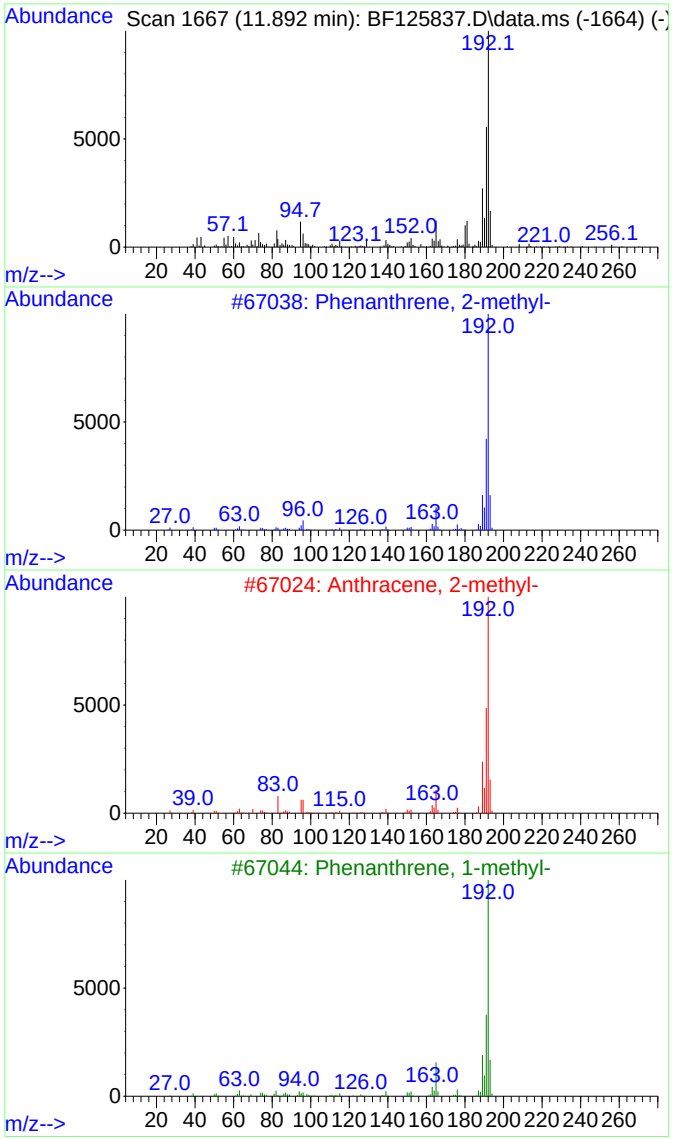
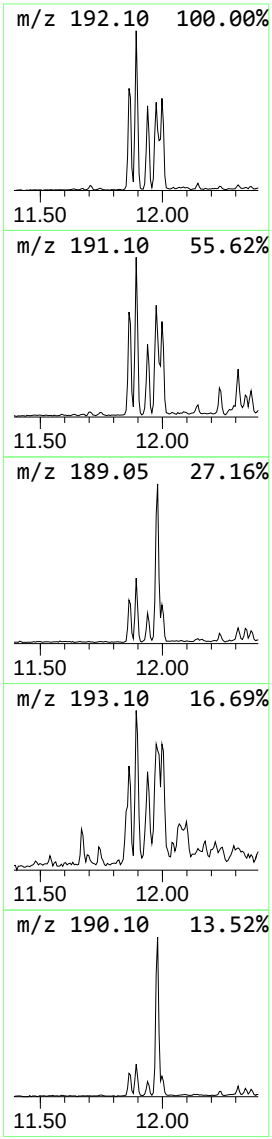
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	7.57 ng	472799	Phenanthrene-d10	11.363

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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

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

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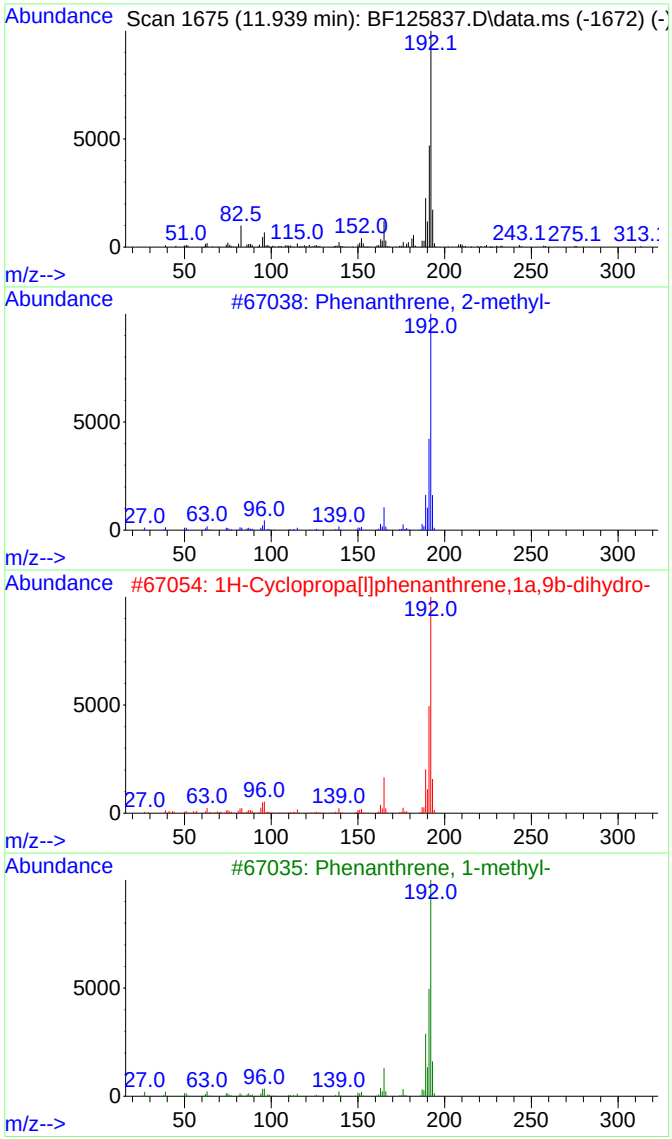
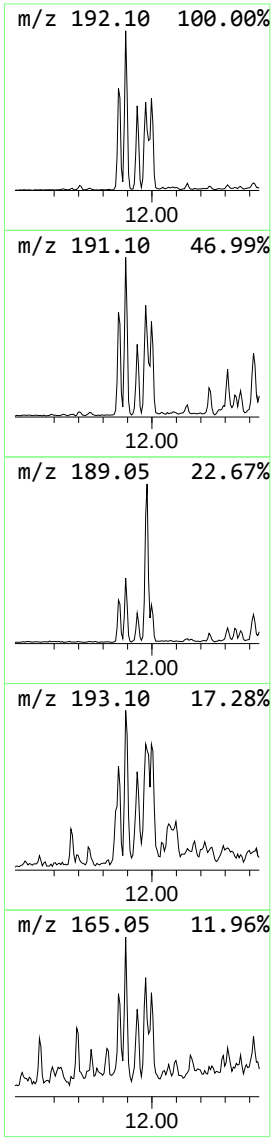
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.77 ng	172776	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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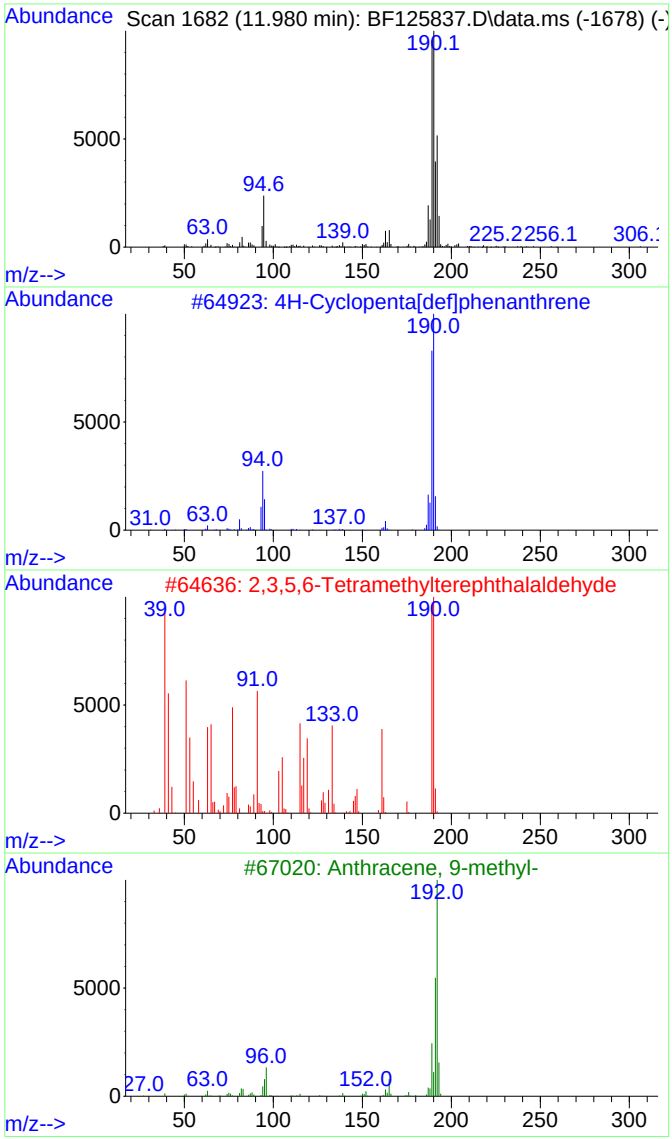
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

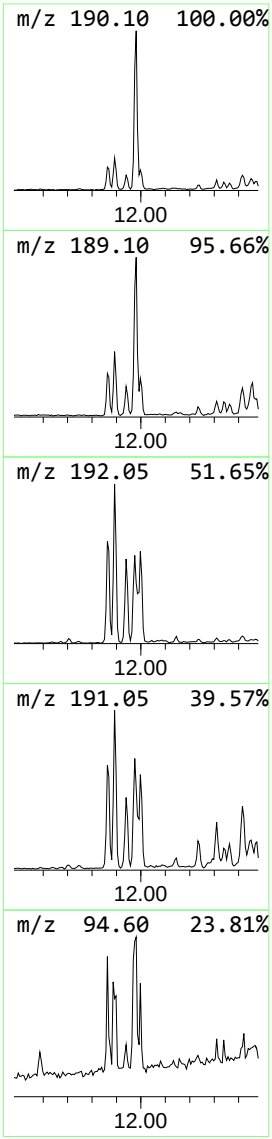
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	7.68 ng	480031	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	20





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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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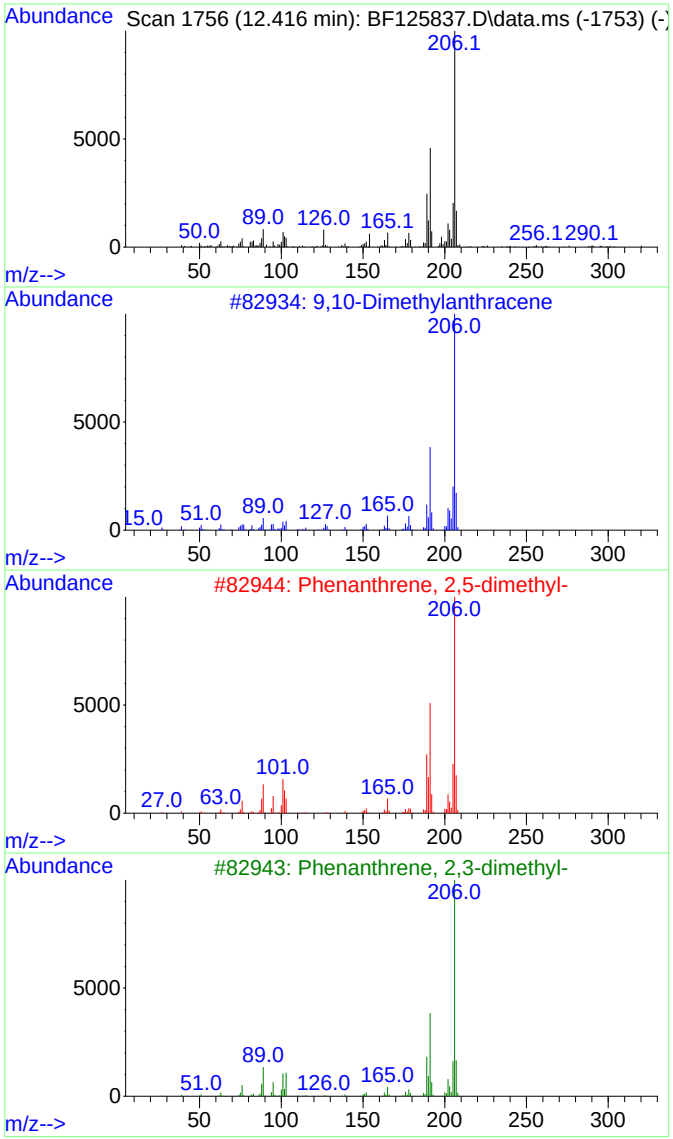
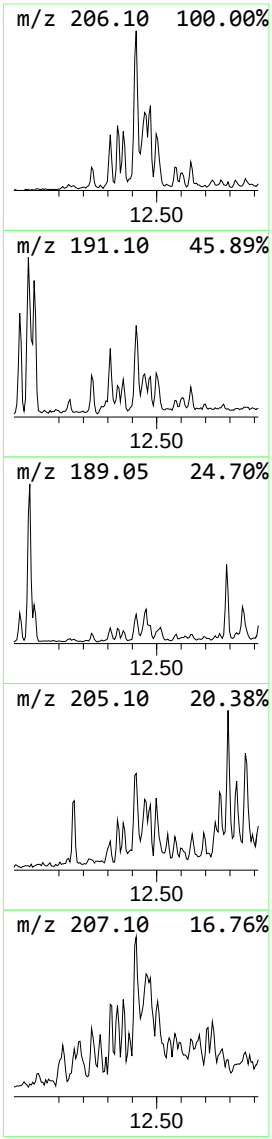
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.89 ng	242769	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	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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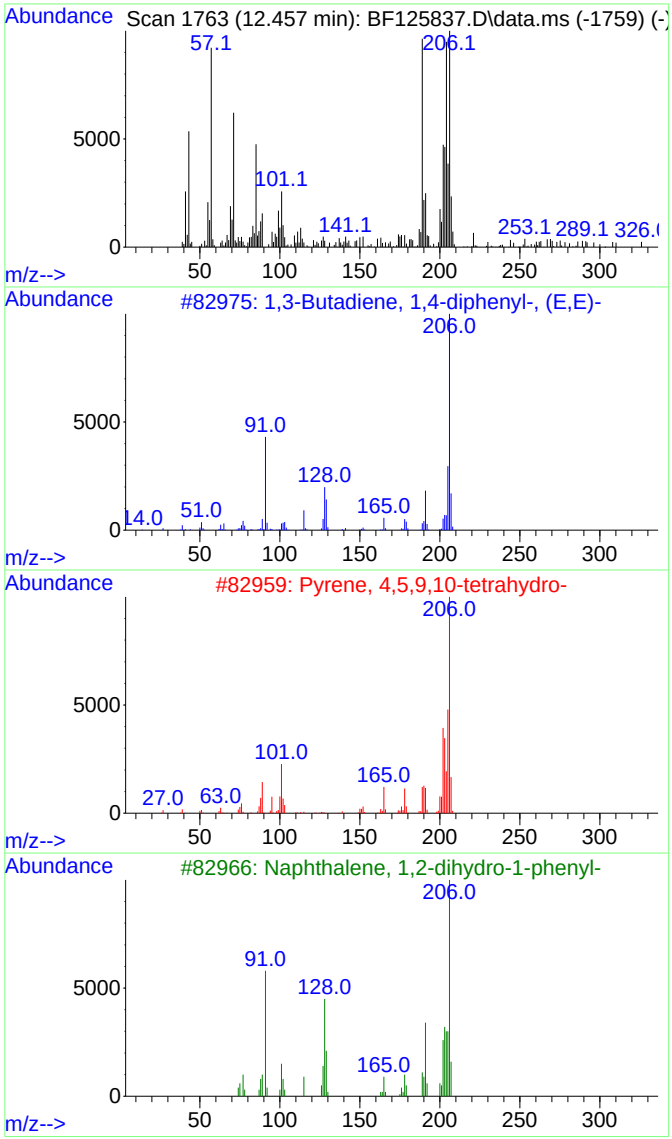
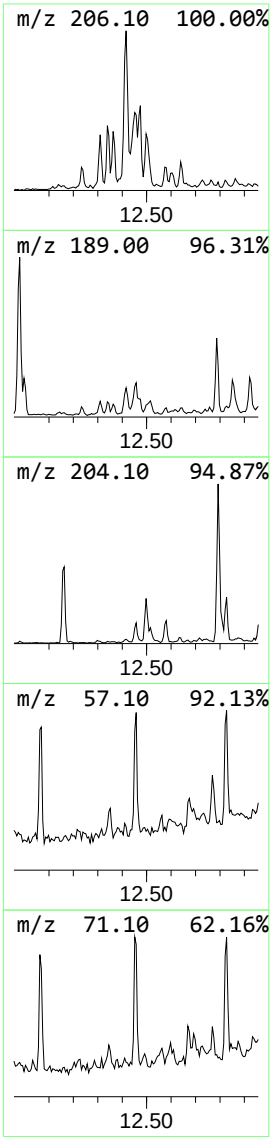
Peak Number 13 unknown12.457 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	4.31 ng	269568	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	30
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	25





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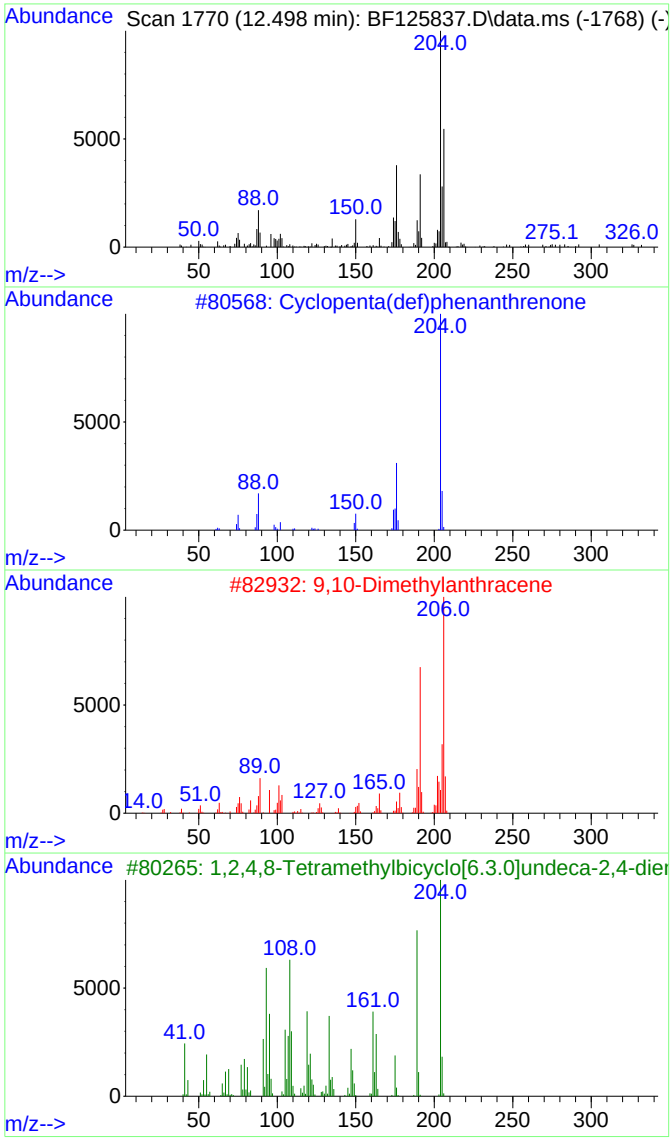
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

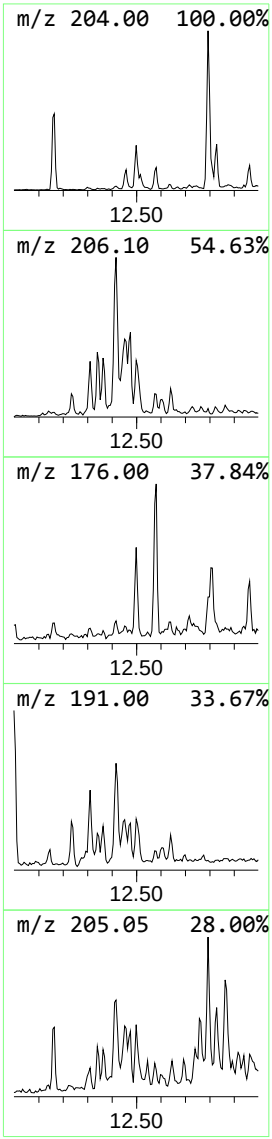
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	2.92 ng	182458	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38





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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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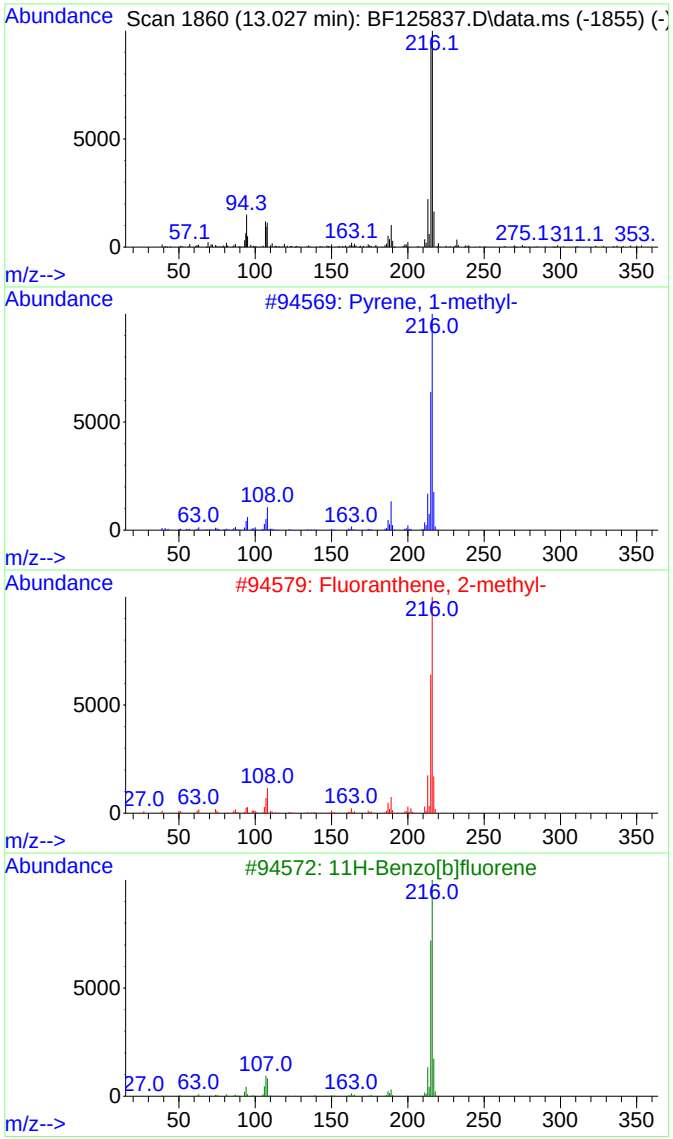
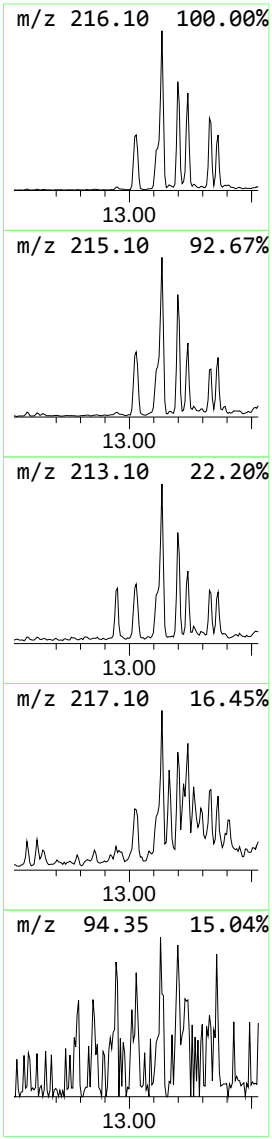
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	2.59 ng	340376	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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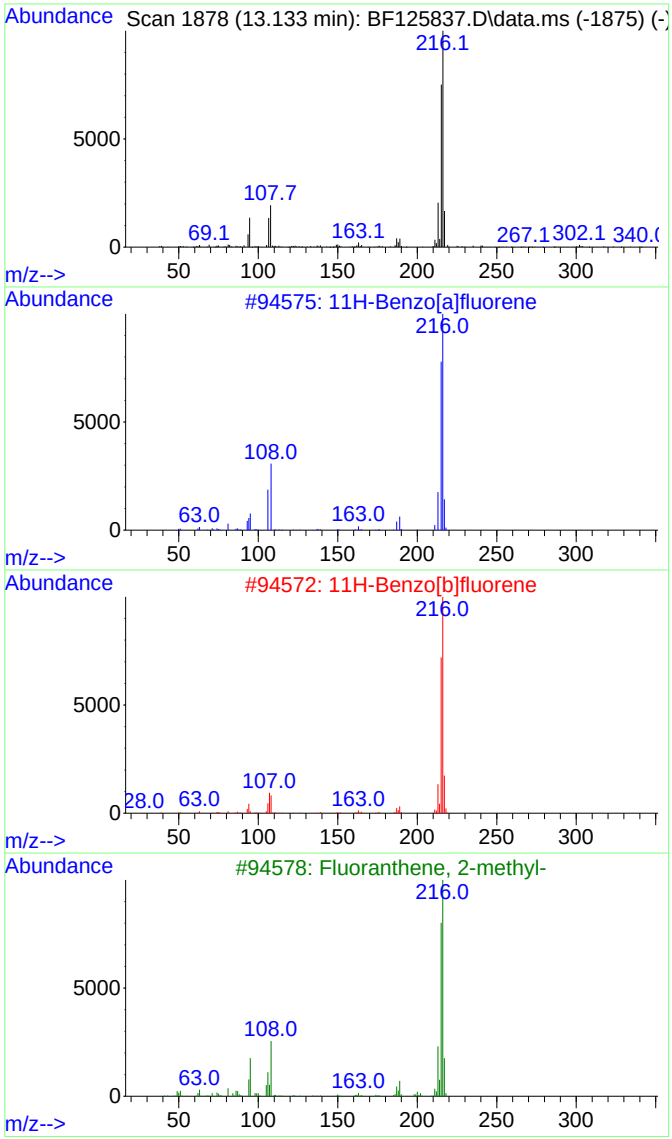
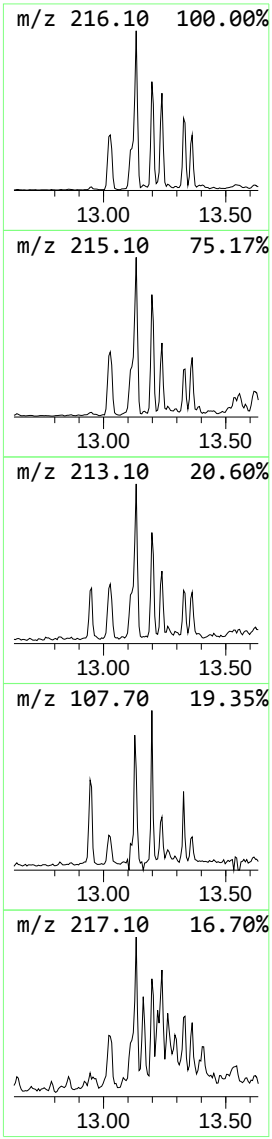
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	3.67 ng	481866	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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

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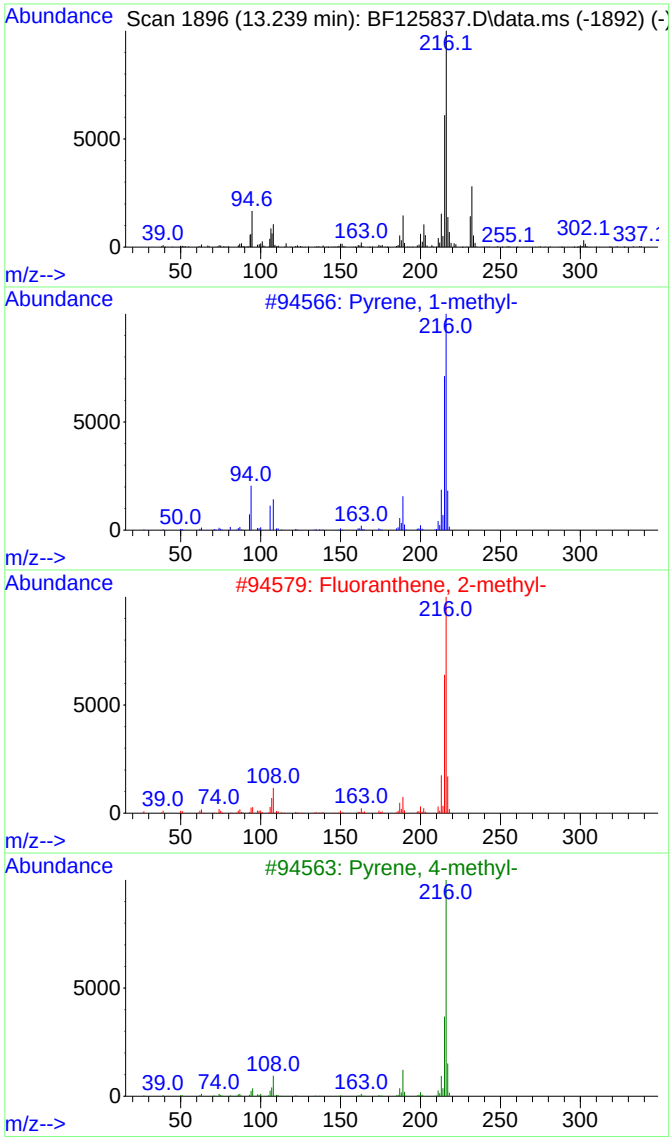
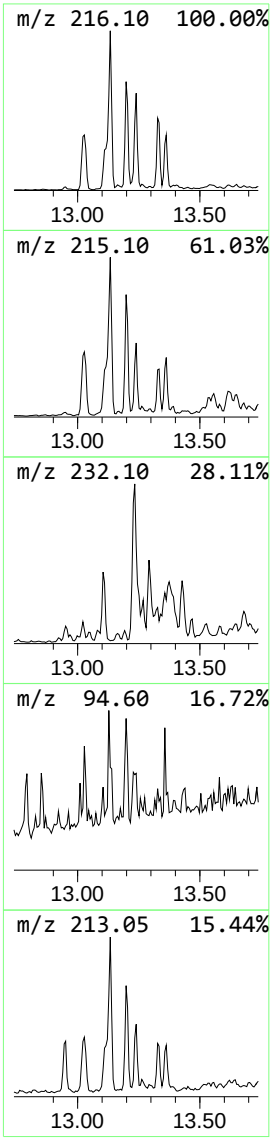
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.31 ng	433991	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Acq On : 13 Oct 2021 20:56
Operator : JU/CG
Sample : M4147-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20-20211007-WC

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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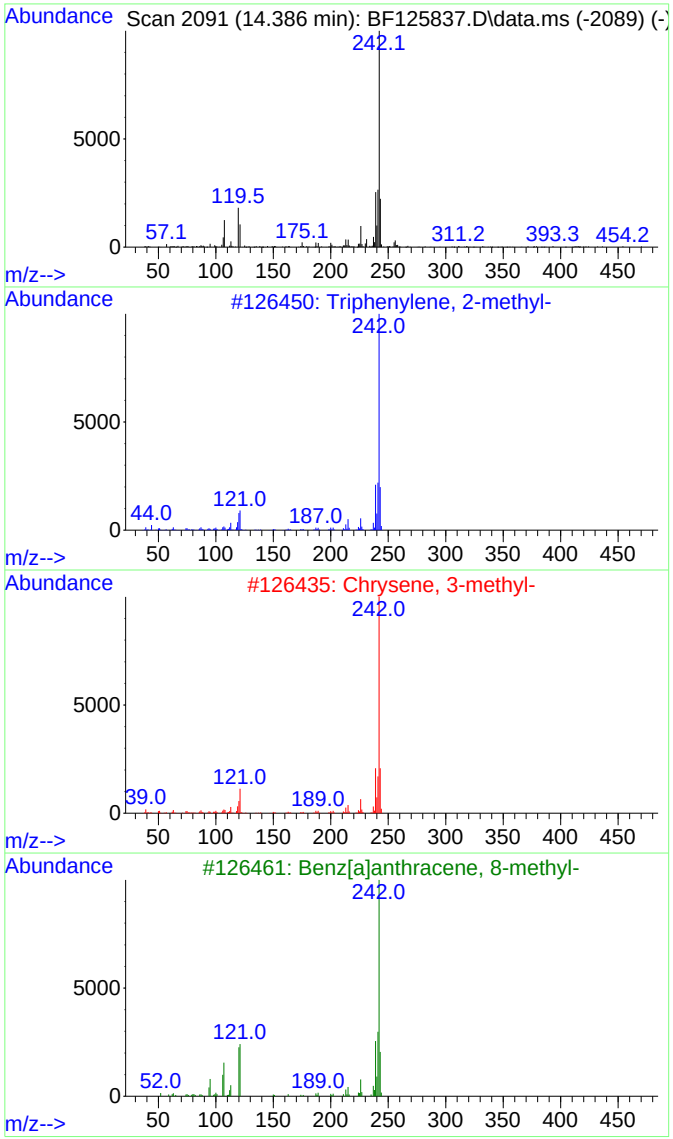
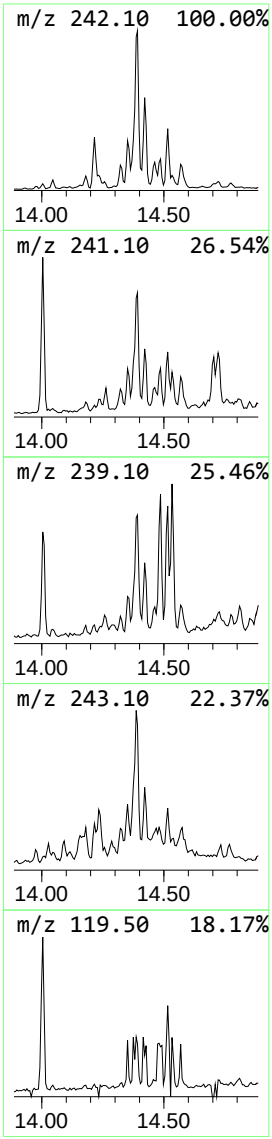
Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	2.93 ng	384806	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
5	2-Methylchrysene	242	C19H14	003351-32-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125837.D
Acq On : 13 Oct 2021 20:56
Operator : JU/CG
Sample : M4147-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20-20211007-WC

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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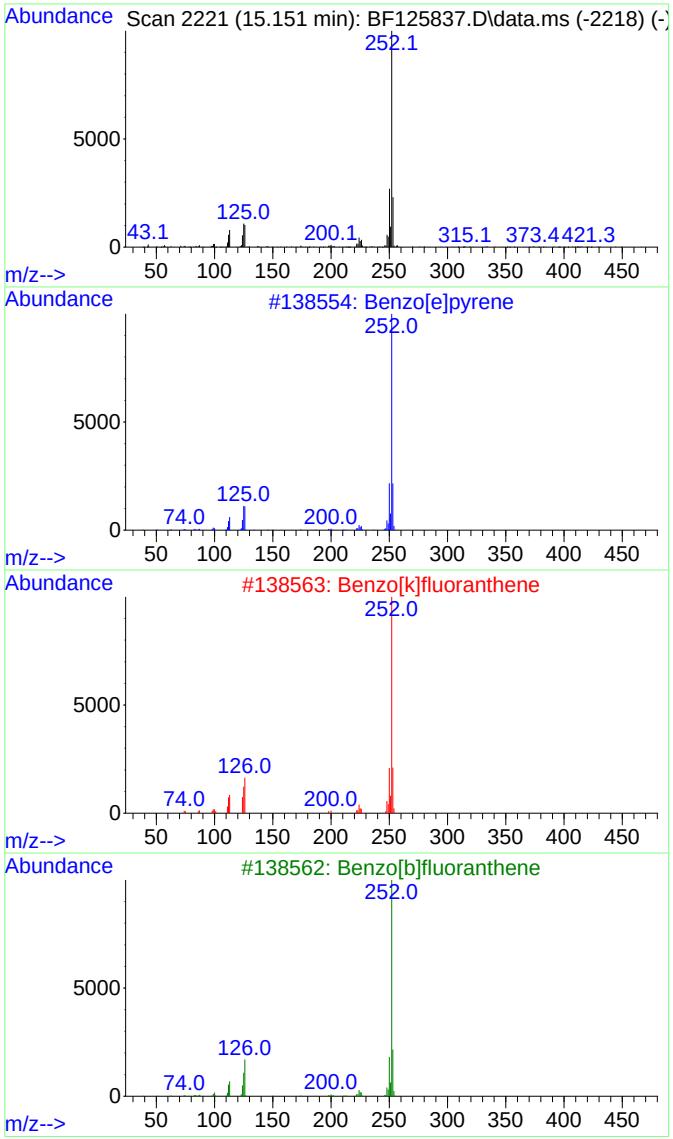
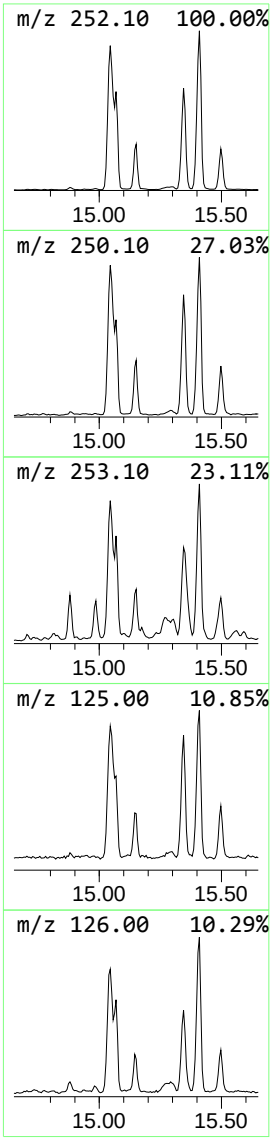
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	14.81 ng	509586	Perylene-d12	15.468

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[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125837.D
Acq On : 13 Oct 2021 20:56
Operator : JU/CG
Sample : M4147-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20-20211007-WC

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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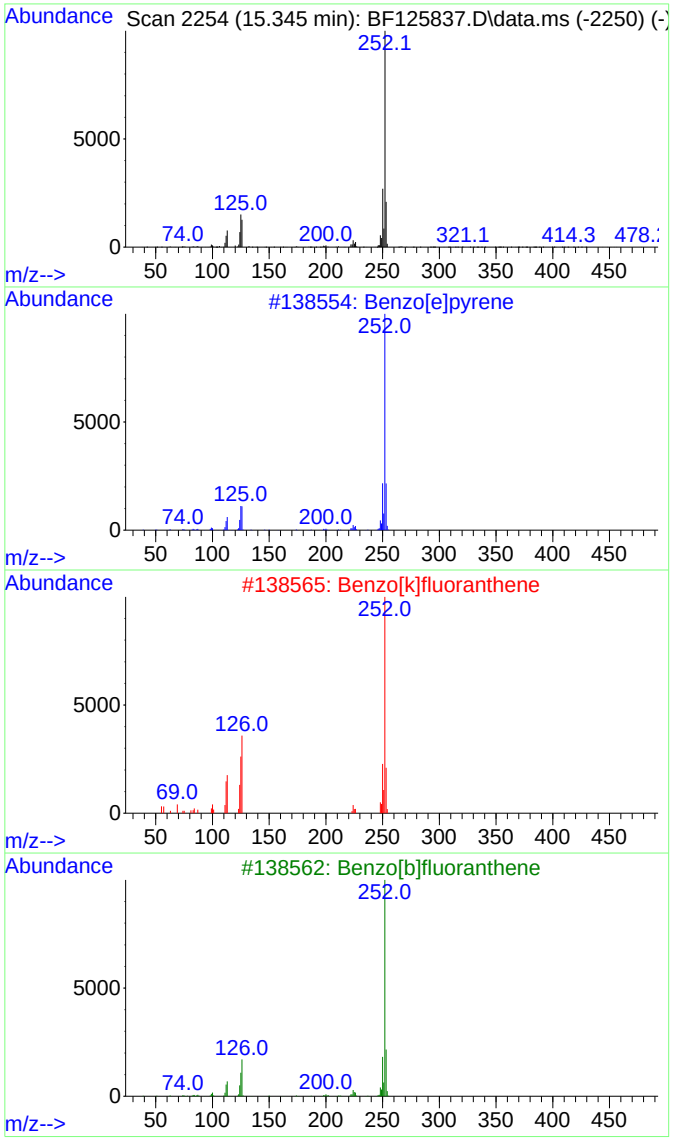
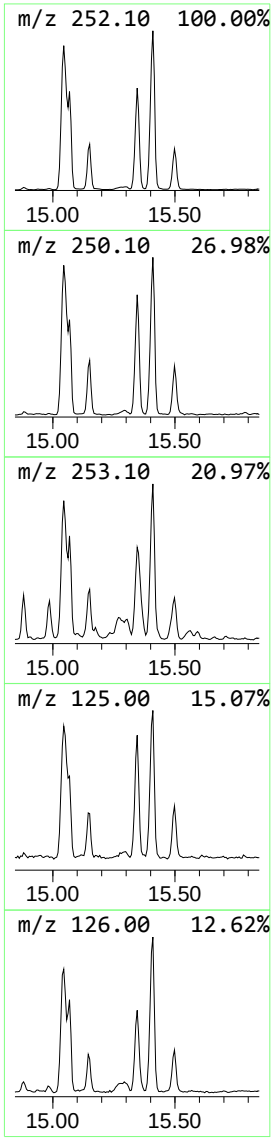
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	44.91 ng	1545380	Perylene-d12	15.468

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[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125837.D
Acq On : 13 Oct 2021 20:56
Operator : JU/CG
Sample : M4147-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20-20211007-WC

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
Benzene, 1,2,3-...	6.675	4.8	ng	245340	1	6.845	1033460	20.0
Indene	7.110	2.9	ng	151138	1	6.845	1033460	20.0
Ethanol, 2-(2-b...	8.028	5.2	ng	354810	2	8.128	1367740	20.0
Cyclopropane, 1...	8.834	6.1	ng	414585	2	8.128	1367740	20.0
Pentadecane, 2,...	10.798	3.4	ng	213844	4	11.363	1249590	20.0
Anthracene, 1-m...	11.863	3.3	ng	205269	4	11.363	1249590	20.0
Phenanthrene, 2...	11.892	7.6	ng	472799	4	11.363	1249590	20.0
1H-Cyclopropa[l...	11.939	2.8	ng	172776	4	11.363	1249590	20.0
4H-Cyclopenta[d...	11.980	7.7	ng	480031	4	11.363	1249590	20.0
9,10-Dimethylan...	12.416	3.9	ng	242769	4	11.363	1249590	20.0
unknown12.457	12.457	4.3	ng	269568	4	11.363	1249590	20.0
Cyclopenta(def)...	12.498	2.9	ng	182458	4	11.363	1249590	20.0
Pyrene, 1-methyl-	13.027	2.6	ng	340376	5	14.004	2625770	20.0
11H-Benzo[a]flu...	13.133	3.7	ng	481866	5	14.004	2625770	20.0
Fluoranthene, 2...	13.239	3.3	ng	433991	5	14.004	2625770	20.0
Triphenylene, 2...	14.386	2.9	ng	384806	5	14.004	2625770	20.0
Benzo[e]pyrene	15.151	14.8	ng	509586	6	15.468	688152	20.0
Benzo[j]fluoran...	15.345	44.9	ng	1545380	6	15.468	688152	20.0