LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	17	22	30	rVB	139819	200715	4.40%	0.276%
2	3.452	228	232	250	rVB	67051	141758	3.11%	0.195%
3	5.116	511	515	521	rVB	227436	286087	6.28%	0.393%
4	5.534	581	586	589	rBV	4044272	4088584	89.72%	5.613%
5	6.534	751	756	761	rBV	4047199	4557106	100.00%	6.256%
6	6.669	774	779	782	rBV	4819212	4384105	96.20%	6.018%
7	6.722	785	788	792	rVB4	60301	74636	1.64%	0.102%
8	6.893	813	817	825	rVB	1674356	1367685	30.01%	1.877%
9	7.051	840	844	847	rBV	4057413	3363417	73.81%	4.617%
10	7.451	902	912	915	rBV	3005462	2841489	62.35%	3.901%
11	8.175	1030	1035	1037	rBV	2012647	1726817	37.89%	2.370%
12	8.198	1037	1039	1042	rVB	392522	305861	6.71%	0.420%
13	8.887	1153	1156	1160	rVB	222324	180455	3.96%	0.248%
14	8.986	1169	1173	1176	rBV	181331	143557	3.15%	0.197%
15	9.251	1213	1218	1221	rBV	5181771	4517357	99.13%	6.201%
16	9.334	1228	1232	1233	rBV2	76158	78441	1.72%	0.108%
17	9.510	1259	1262	1267	rVB	80415	112655	2.47%	0.155%
18	9.586	1272	1275	1278	rVV2	159575	168508	3.70%	0.231%
19	9.616	1278	1280	1281	rVV	101995	77766	1.71%	0.107%
20	9.639	1281	1284	1288	rVB	747406	618954	13.58%	0.850%
21	9.792	1304	1310	1315	rBV	110794	134097	2.94%	0.184%
22	9.934	1327	1334	1337	rBV	1926014	1936091	42.49%	2.658%
23	9.963	1337	1339	1342	rVB	407891	306266	6.72%	0.420%
24	10.133	1364	1368	1372	rBV	295667	266156	5.84%	0.365%
25	10.175	1372	1375	1380	rVB3	61347	71127	1.56%	0.098%
26	10.245	1380	1387	1390	rBV3	106389	169363	3.72%	0.232%
27	10.339	1399	1403	1404	rBV2	81103	93201	2.05%	0.128%
28	10.357	1404	1406	1409	rVB2	108922	97040	2.13%	0.133%
29	10.475	1423	1426	1432	rBV	355731	339560	7.45%	0.466%
30	10.545	1432	1438	1439	rBV2	72396	102124	2.24%	0.140%
31	10.633	1450	1453	1457	rVB	115619	105426	2.31%	0.145%
32	10.722	1463	1468	1471	rBV	3122556	2893311	63.49%	3.972%
33	10.845	1484	1489	1495	rVB3	190366	280761	6.16%	0.385%
34	11.028	1515	1520	1522	rBV3	80394	102636	2.25%	0.141%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.051	1522	1524	1528	rVV2	78530	91676	2.01%	0.126%
36	11.157	1537	1542	1544	rBV3	78755	126140	2.77%	0.173%
37	11.216	1550	1552	1556	rVB2	106153	102117	2.24%	0.140%
38	11.280	1558	1563	1566	rVV4	123980	188645	4.14%	0.259%
39	11.310	1566	1568	1574	rVB	172060	182923	4.01%	0.251%
40	11.416	1582	1586	1588	rBV	1744504	1568161	34.41%	2.153%
41	11.439	1588	1590	1594	rVV	2303460	2057063	45.14%	2.824%
42	11.492	1596	1599	1602	rVB	611288	479151	10.51%	0.658%
43	11.522	1602	1604	1608	rBV2	93252	101423	2.23%	0.139%
44	11.645	1620	1625	1627	rBV2	158562	176365	3.87%	0.242%
45	11.710	1633	1636	1639	rVB	151229	129207	2.84%	0.177%
46	11.745	1639	1642	1645	rBV3	88878	79580	1.75%	0.109%
47	11.922	1666	1672	1673	rBV	395011	409083	8.98%	0.562%
48	11.945	1673	1676	1680	rVV2	808418	790087	17.34%	1.085%
49	11.992	1681	1684	1687	rVV	189535	176171	3.87%	0.242%
50	12.033	1687	1691	1693	rVV	548252	644242	14.14%	0.884%
51	12.051	1693	1694	1697	rVB	276174	184424	4.05%	0.253%
52	12.116	1703	1705	1709	rVB3	136080	128208	2.81%	0.176%
53	12.210	1719	1721	1723	rBV	235969	199507	4.38%	0.274%
54	12.233	1723	1725	1730	rVB2	168526	137969	3.03%	0.189%
55	12.363	1742	1747	1750	rBV2	158976	185083	4.06%	0.254%
56	12.398	1750	1753	1755	rVV	110859	97748	2.14%	0.134%
57	12.475	1762	1766	1768	rVV	243775	271720	5.96%	0.373%
58	12.510	1768	1772	1774	rVV3	235733	355782	7.81%	0.488%
59	12.557	1778	1780	1785	rVB2	228604	265046	5.82%	0.364%
60	12.639	1790	1794	1797	rVV	2826177	2639419	57.92%	3.623%
61	12.675	1797	1800	1802	rVV	105444	90199	1.98%	0.124%
62	12.722	1806	1808	1811	rBV	104086	92769	2.04%	0.127%
63	12.786	1816	1819	1821	rVV	79764	70112	1.54%	0.096%
64	12.863	1826	1832	1837	rBV	2754993	3038844	66.68%	4.172%
65	12.910	1837	1840	1845	rVB2	125414	182706	4.01%	0.251%
66	12.998	1849	1855	1862	rVB	3648490	3545789	77.81%	4.868%
67	13.080	1864	1869	1872	rBV3	194962	318801	7.00%	0.438%
68	13.139	1876	1879	1881	rBV3	75694	94599	2.08%	0.130%
69	13.163	1881	1883	1884	rVV2	165743	143526	3.15%	0.197%
70	13.186	1884	1887	1890	rVB	456220	412334	9.05%	0.566%
71	13.251	1896	1898	1901	rVB	291812	244294	5.36%	0.335%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.292	1901	1905	1908	rBV2	327611	332379	7.29%	0.456%
73	13.386	1918	1921	1923	rVB	174074	136631	3.00%	0.188%
74	13.416	1923	1926	1928	rBV	201206	197585	4.34%	0.271%
75	13.692	1967	1973	1978	rBV	217438	332028	7.29%	0.456%
76	13.804	1988	1992	1995	rBV2	221004	284520	6.24%	0.391%
77	13.833	1995	1997	1999	rVV	258248	218878	4.80%	0.300%
78	13.857	1999	2001	2005	rVV2	207059	288214	6.32%	0.396%
79	13.898	2005	2008	2017	rVB3	485619	569256	12.49%	0.781%
80	14.057	2027	2035	2038	rBV2	2156966	3380505	74.18%	4.641%
81	14.086	2038	2040	2045	rVB	1453435	1165505	25.58%	1.600%
82	14.163	2051	2053	2057	rVB	197683	158456	3.48%	0.218%
83	14.216	2060	2062	2065	rVV3	132647	142181	3.12%	0.195%
84	14.280	2069	2073	2077	rBV2	122058	163264	3.58%	0.224%
85	14.410	2092	2095	2097	rBV	103632	96676	2.12%	0.133%
86	14.445	2098	2101	2103	rVV	346424	340567	7.47%	0.468%
87	14.480	2104	2107	2110	rVV	193250	177729	3.90%	0.244%
88	14.527	2111	2115	2120	rVV3	230392	415605	9.12%	0.571%
89	14.569	2120	2122	2124	rVV	183656	179141	3.93%	0.246%
90	14.592	2124	2126	2129	rVB2	185334	159075	3.49%	0.218%
91	14.833	2165	2167	2171	rVB2	149238	127662	2.80%	0.175%
92	15.110	2209	2214	2217	rBV	1248327	1880461	41.26%	2.581%
93	15.180	2223	2226	2229	rVV2	148580	160286	3.52%	0.220%
94	15.216	2229	2232	2244	rVB	282784	451760	9.91%	0.620%
95	15.416	2262	2266	2272	rVB	699681	963254	21.14%	1.322%
96	15.480	2273	2277	2283	rVV	981999	1238760	27.18%	1.701%
97	15.545	2283	2288	2291	rVV	958436	1298688	28.50%	1.783%
98	15.574	2291	2293	2300	rVB3	366019	472566	10.37%	0.649%
99	17.039	2537	2542	2551	rVB2	400484	766282	16.82%	1.052%
100	17.492	2614	2619	2631	rVB	294384	614234	13.48%	0.843%

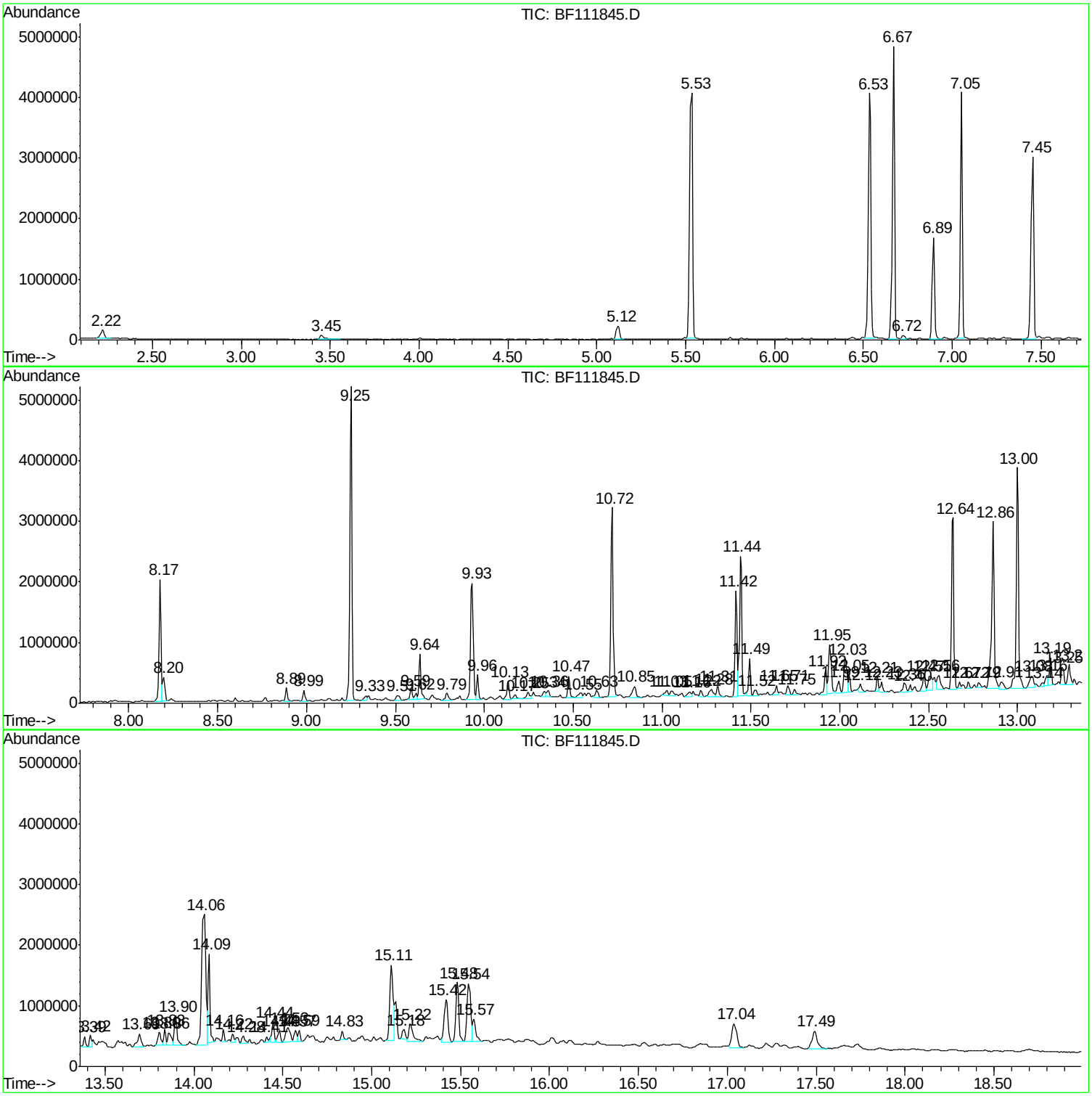
Sum of corrected areas: 72846173

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

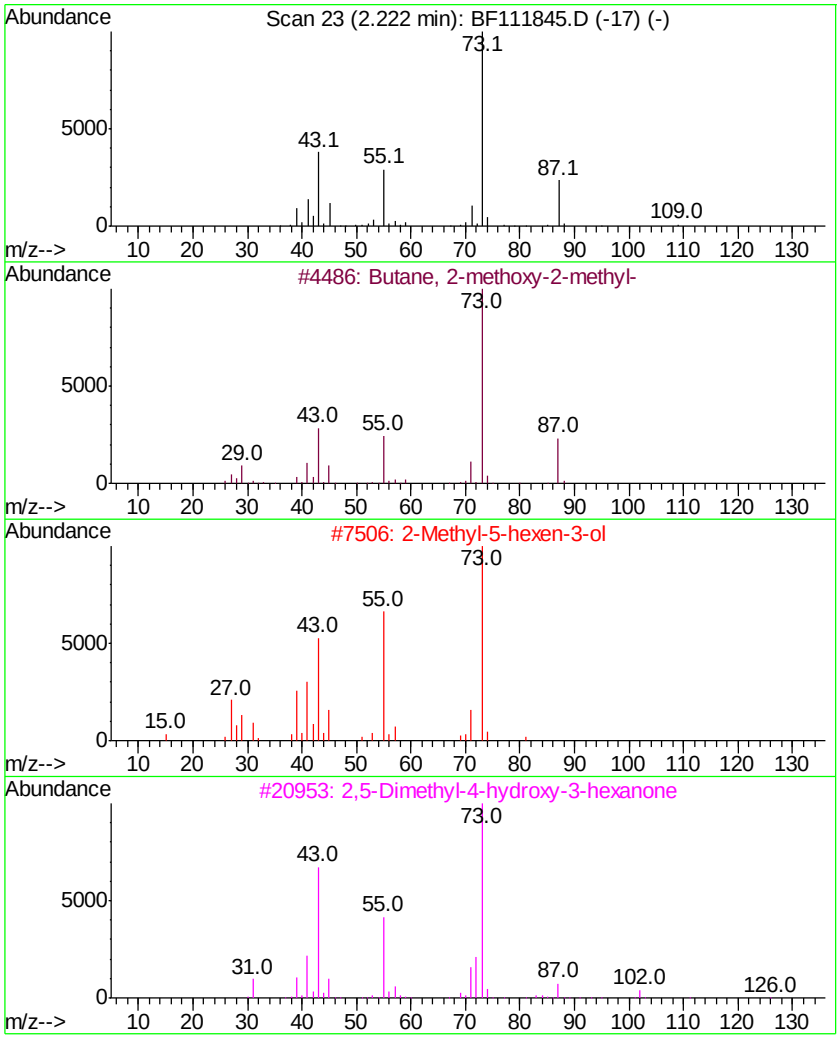
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

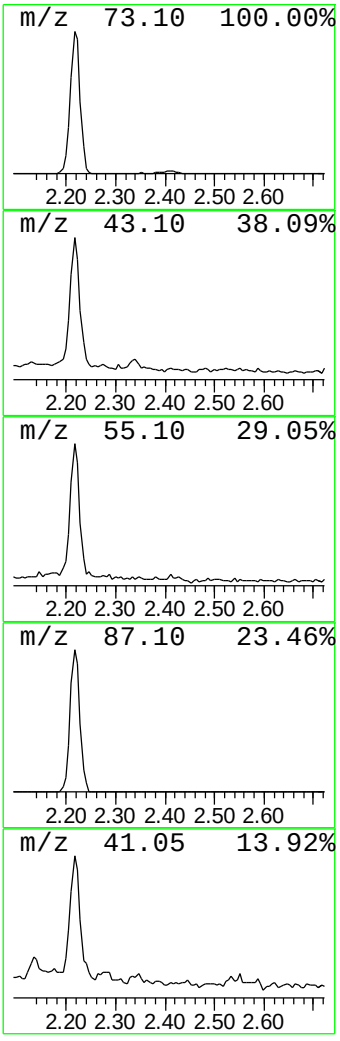
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.94 ng	200715	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	33
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

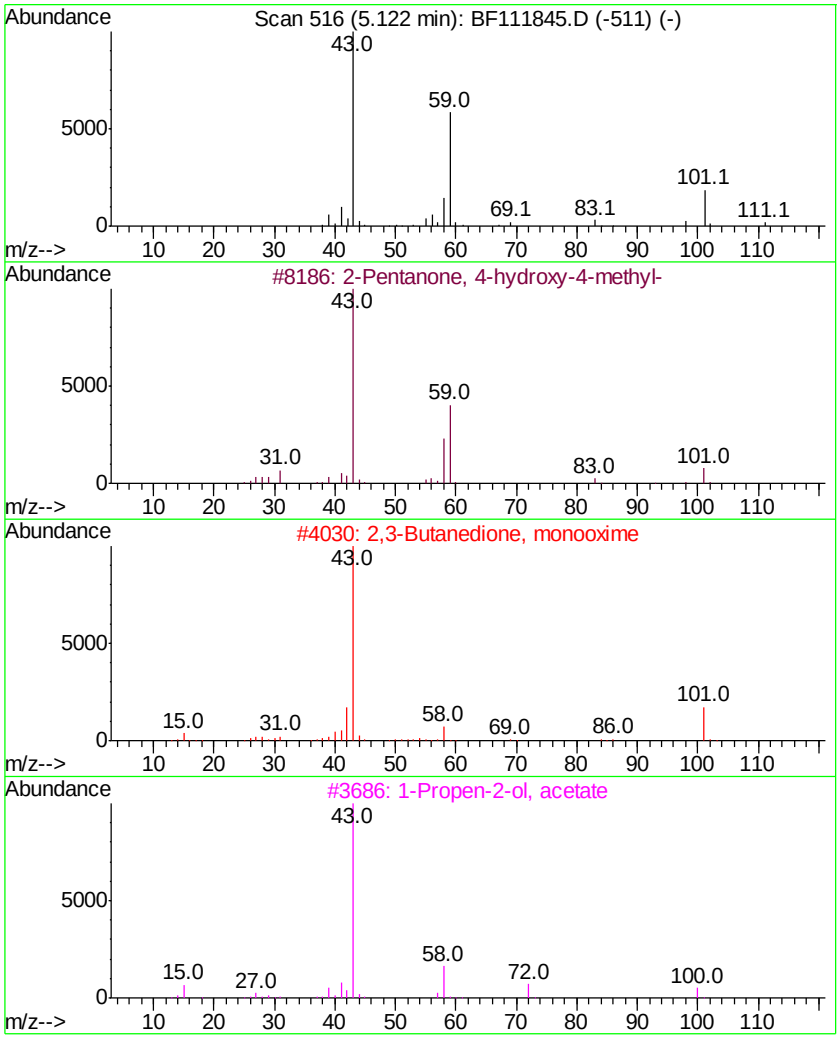
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

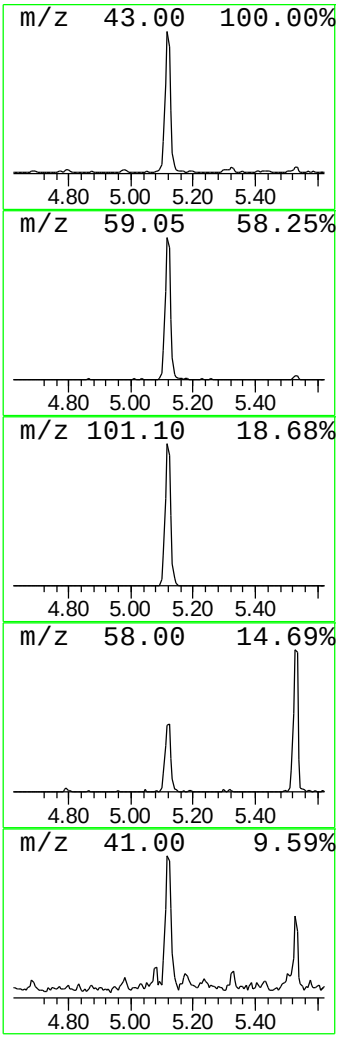
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.18 ng	286087	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

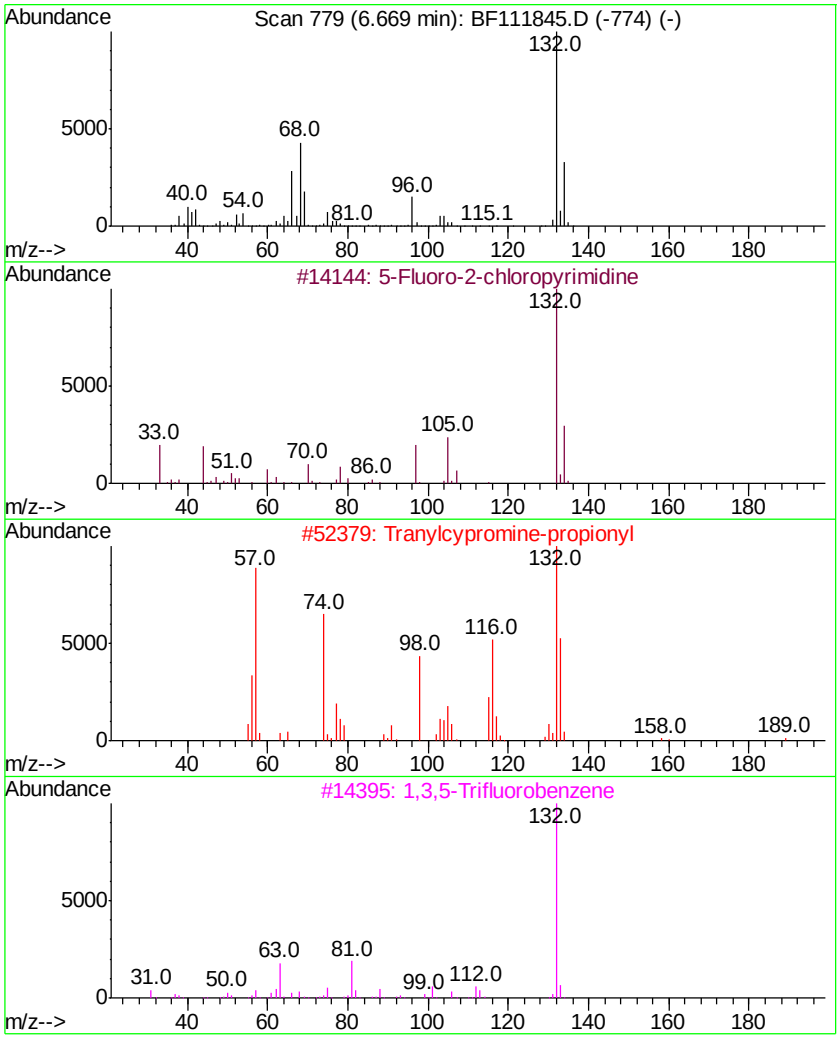
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

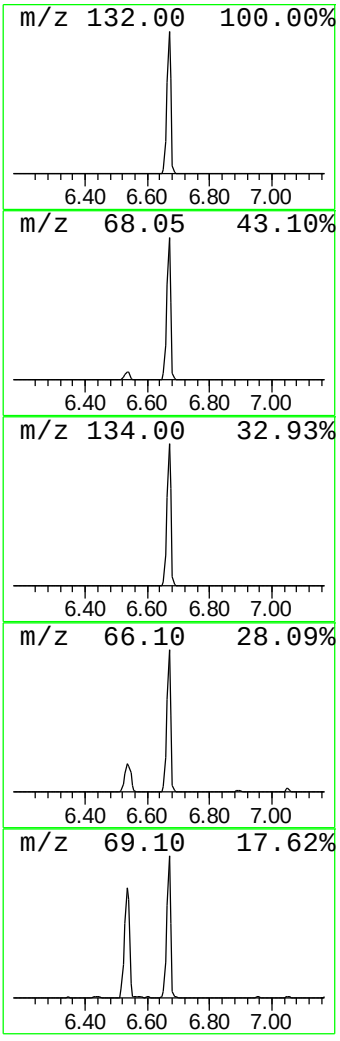
****

Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	64.11 ng	4384110	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

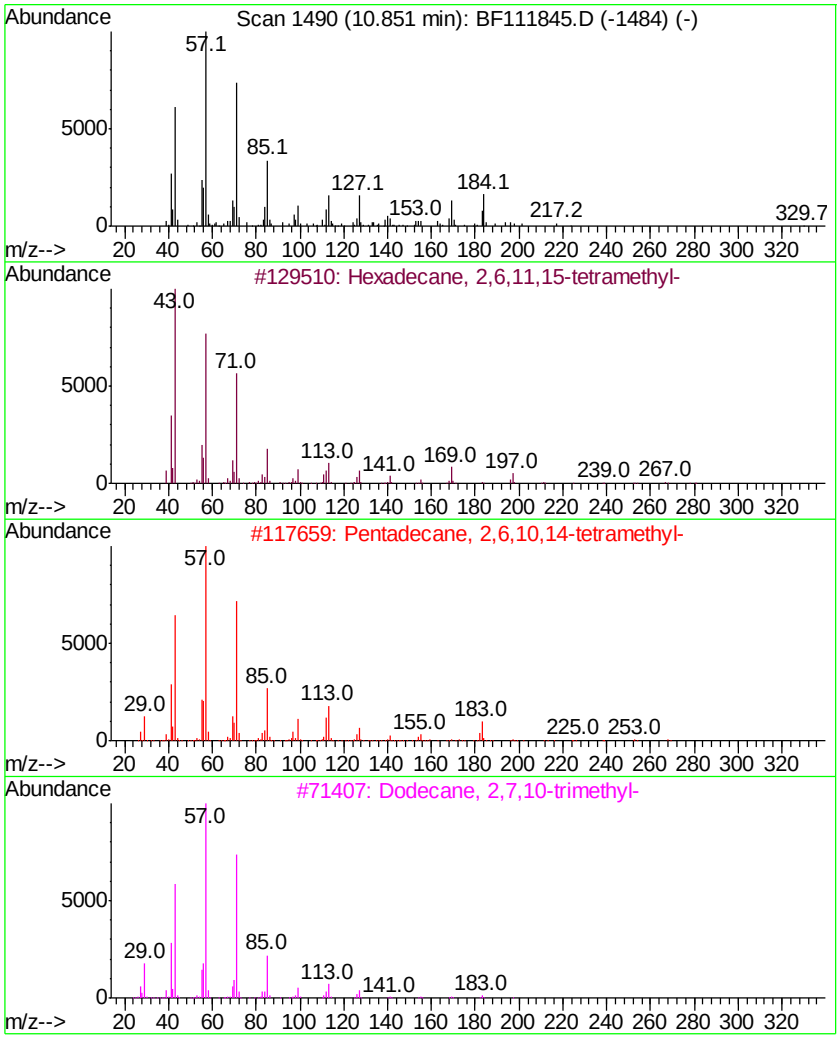
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

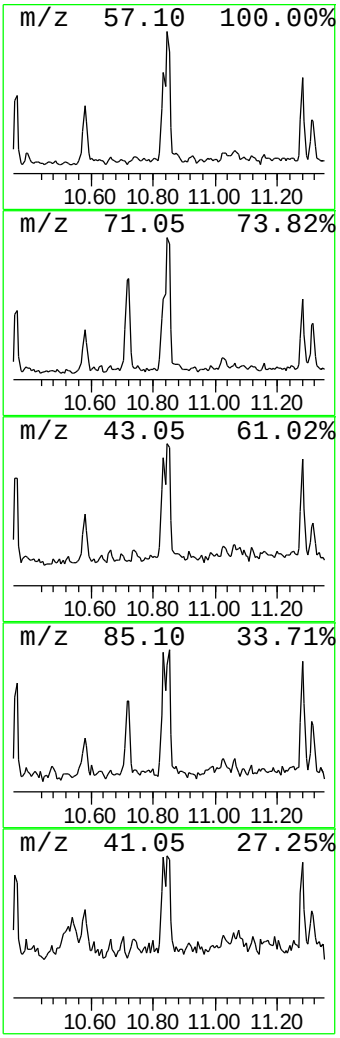
****

Peak Number 5 unknown10.85 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	3.58 ng	280761	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	41
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	30
4	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	30
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

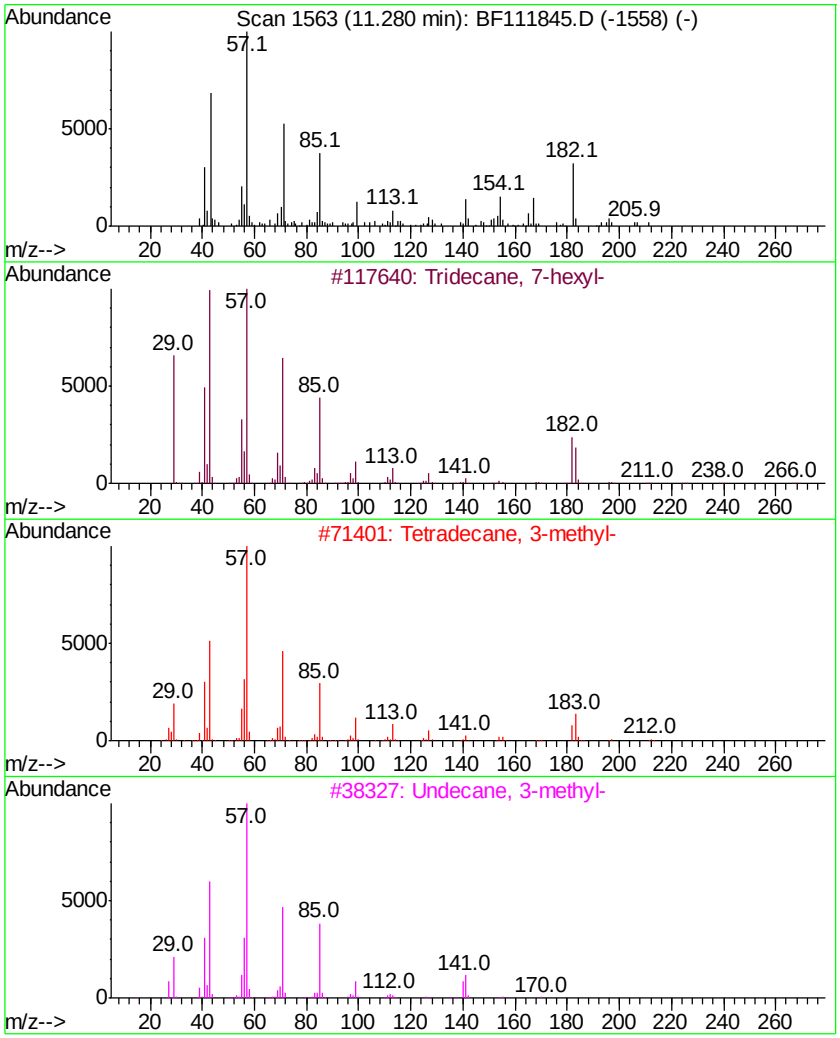
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

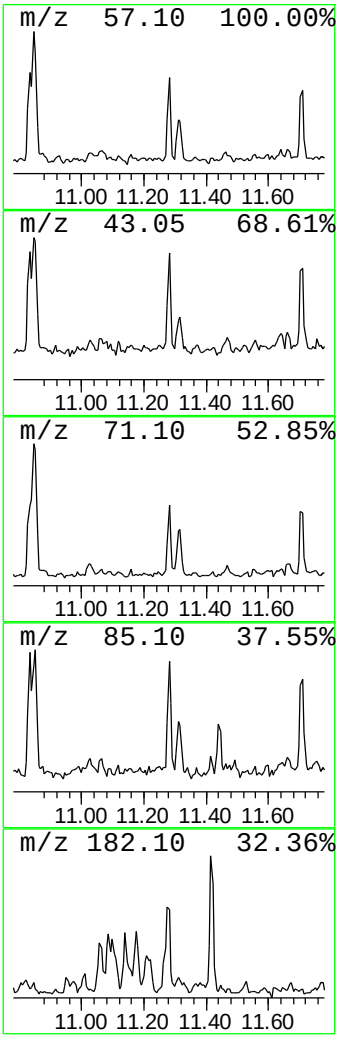
****

Peak Number 6 Tridecane, 7-hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.41 ng	188645	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	53
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	50
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	49
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	49





Library Search Compound Report

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Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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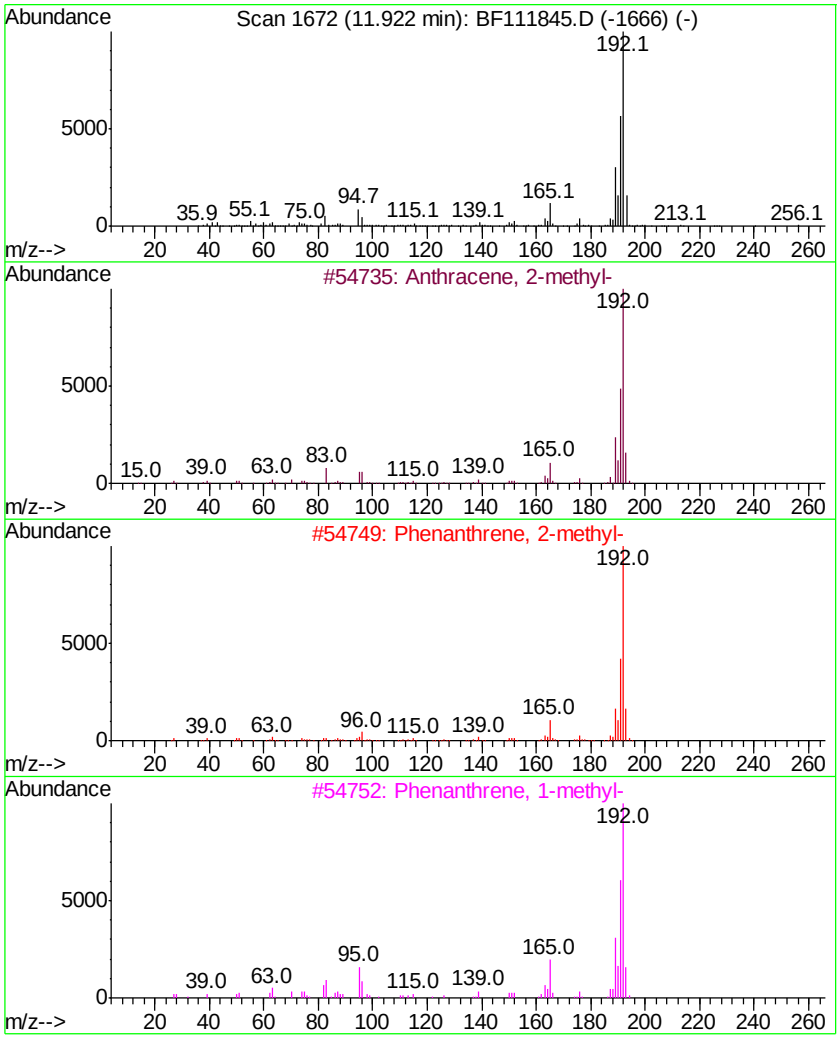
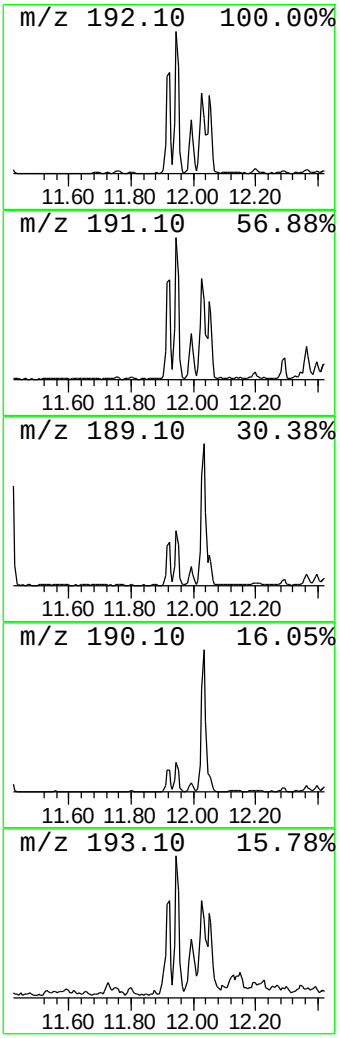
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.22 ng	409083	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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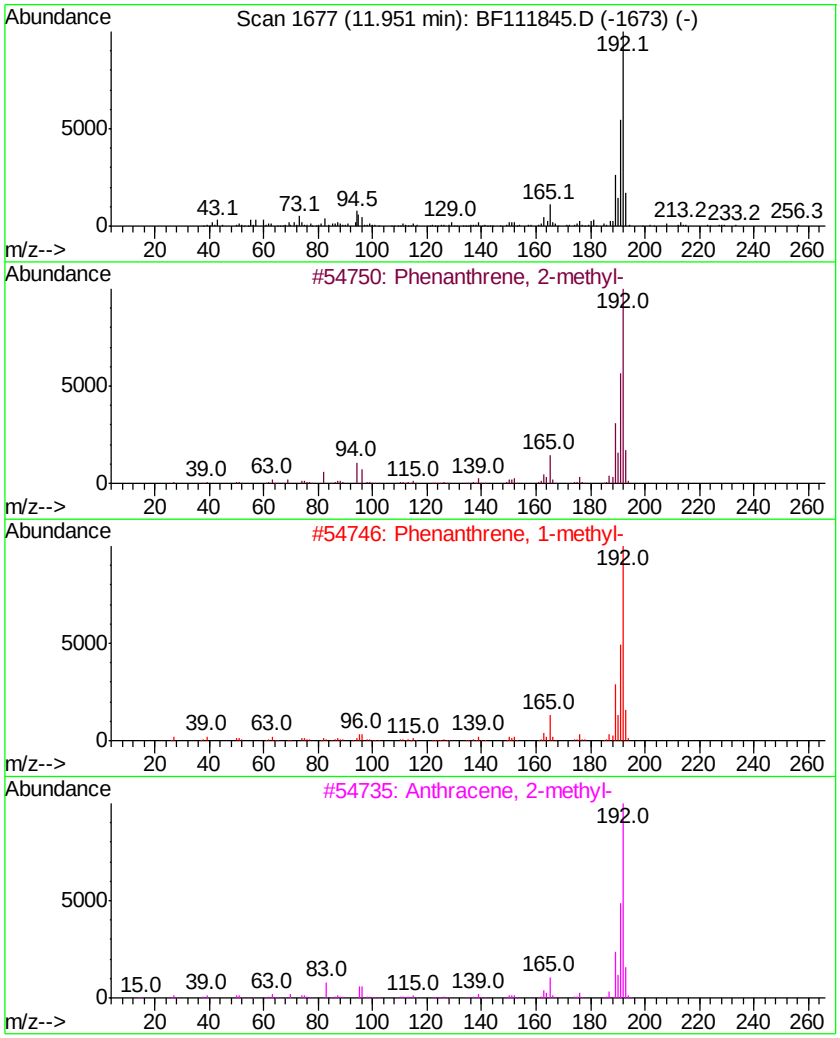
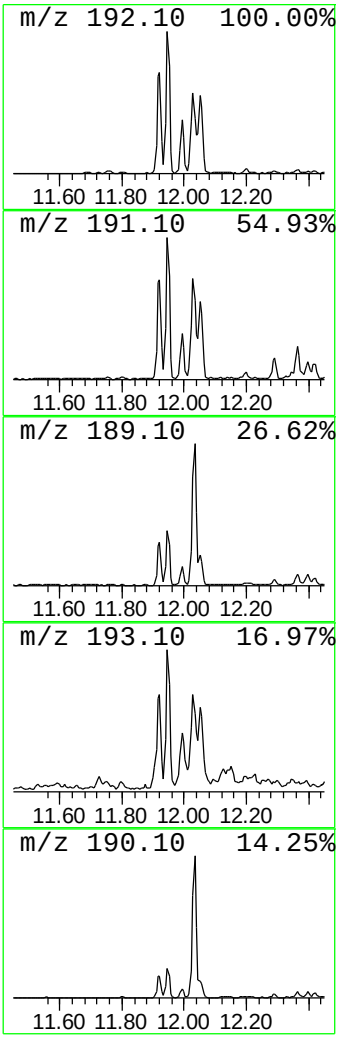
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	10.08 ng	790087	Phenanthrene-d10	11.42

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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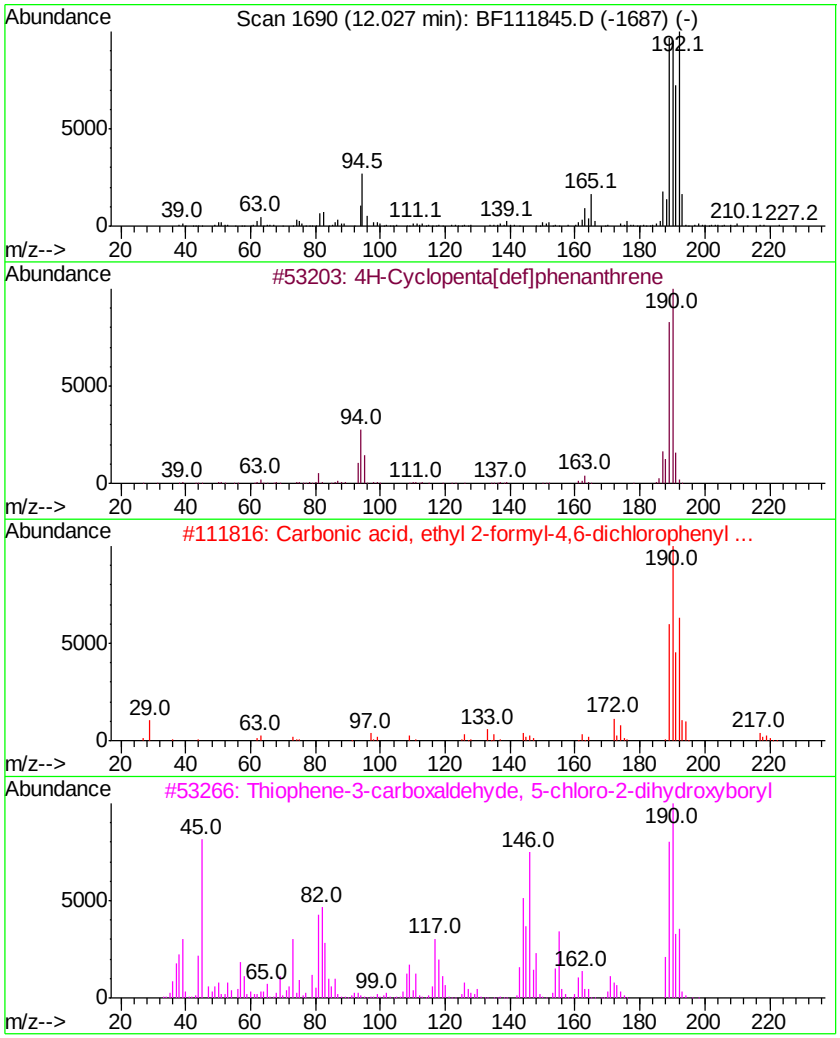
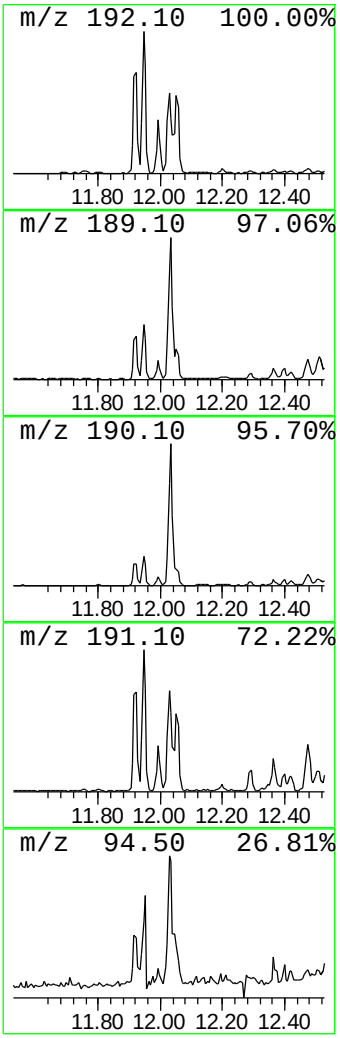
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	8.22 ng	644242	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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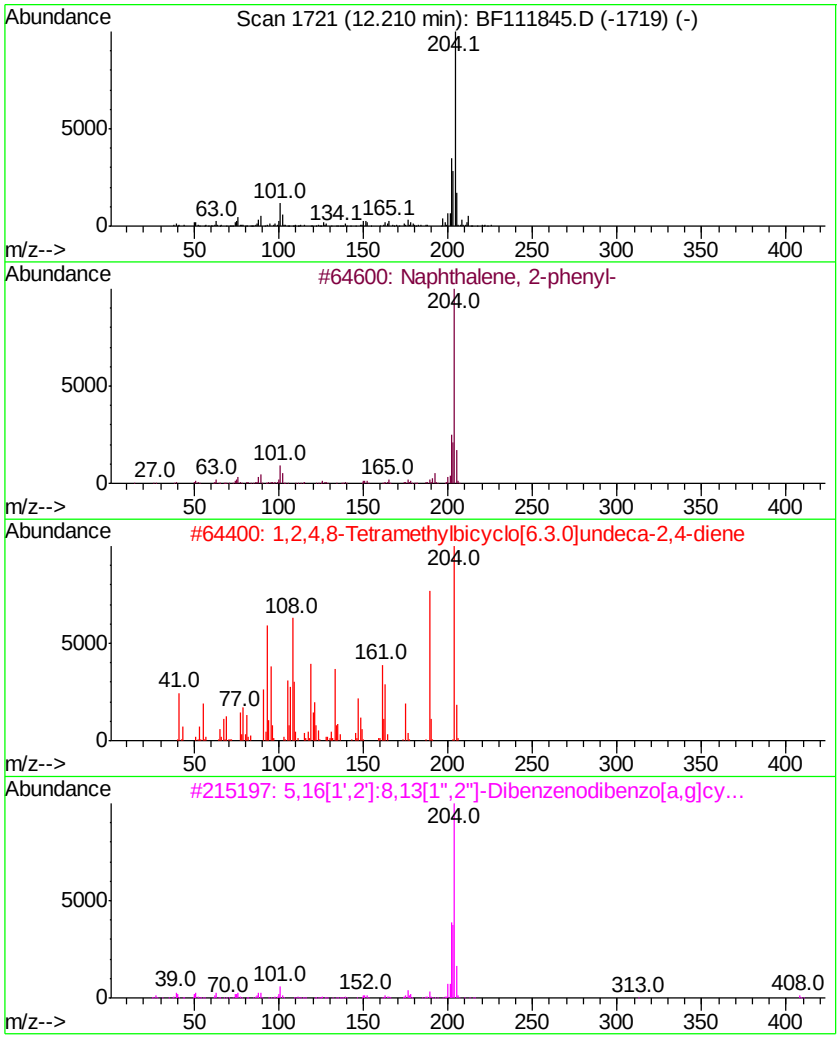
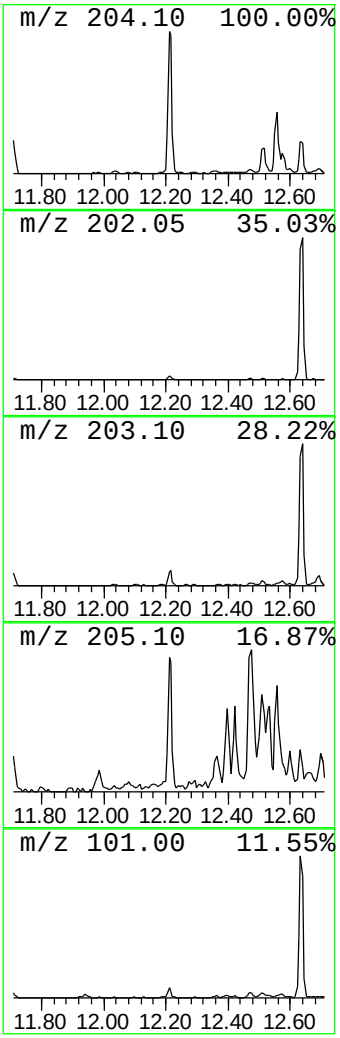
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.54 ng	199507	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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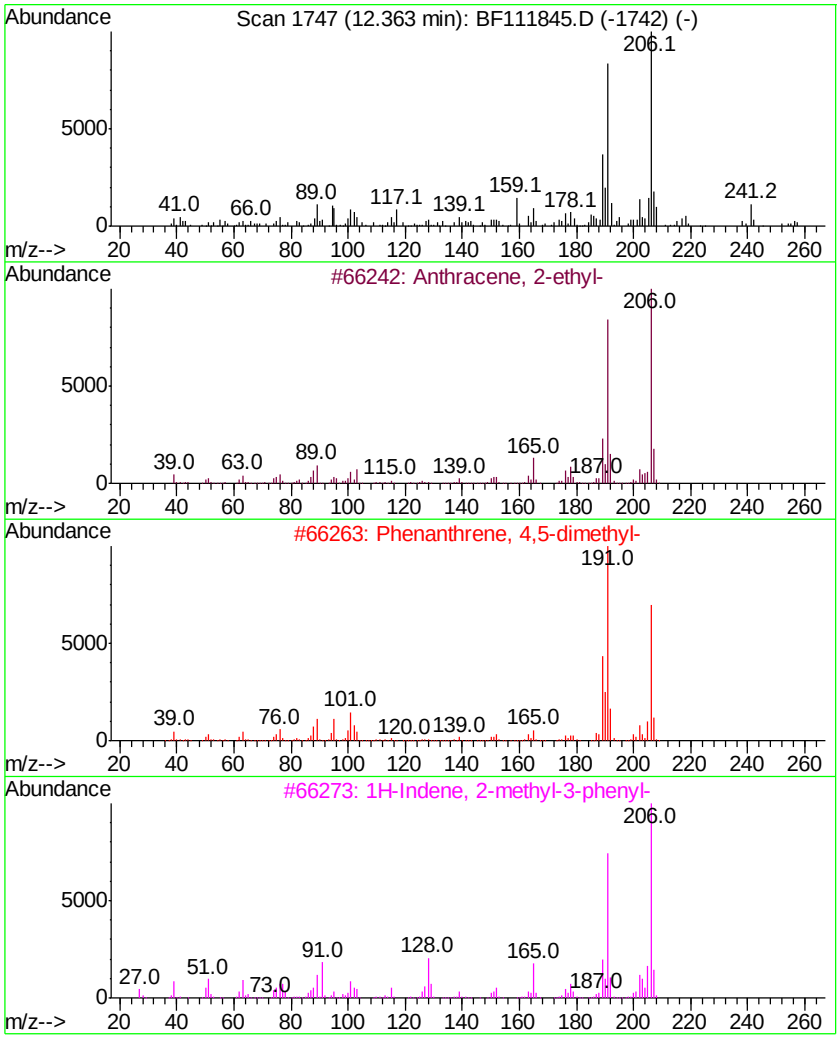
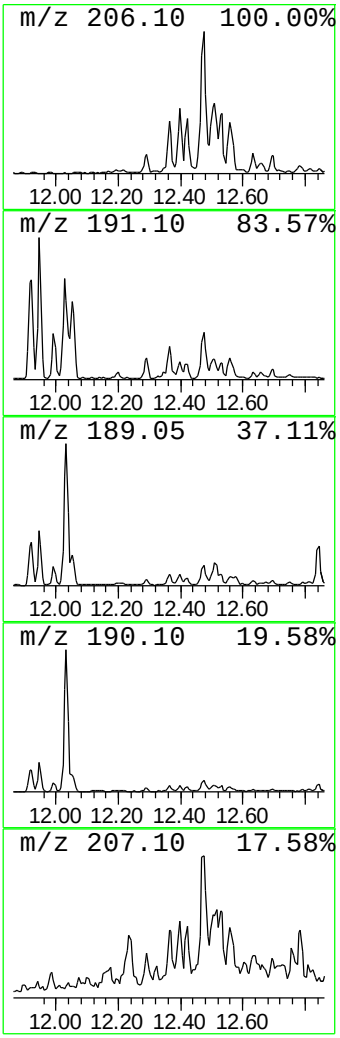
Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.36 ng	185083	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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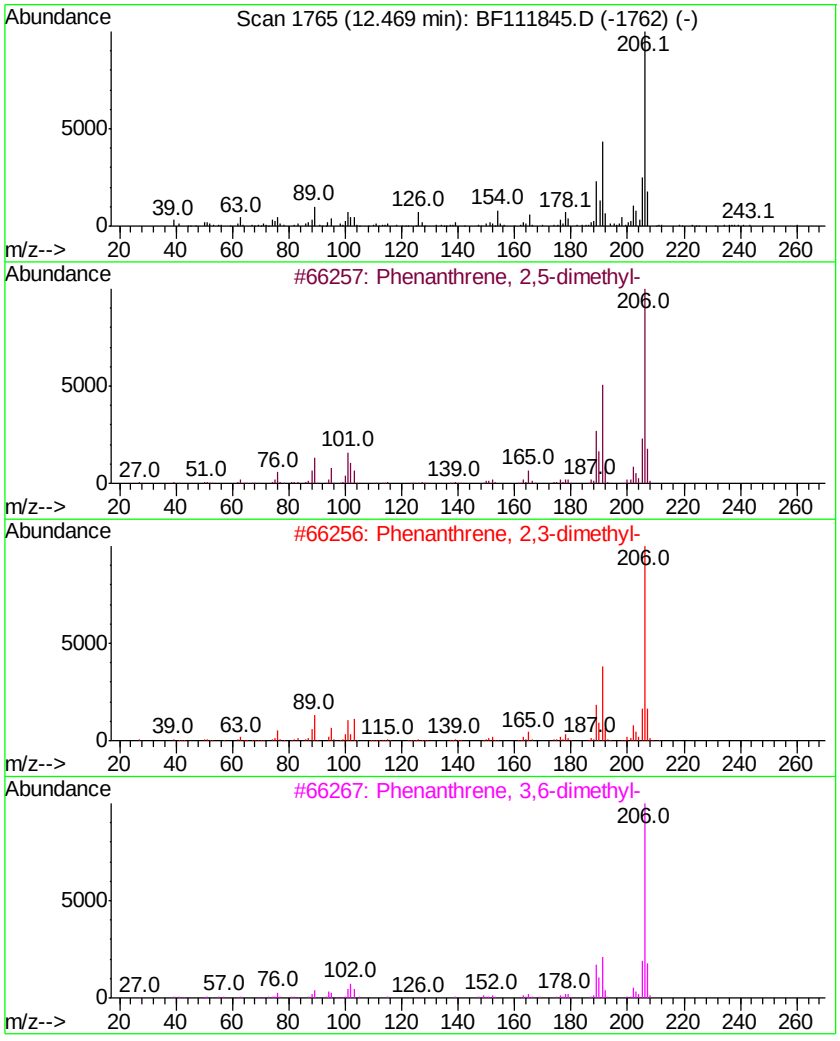
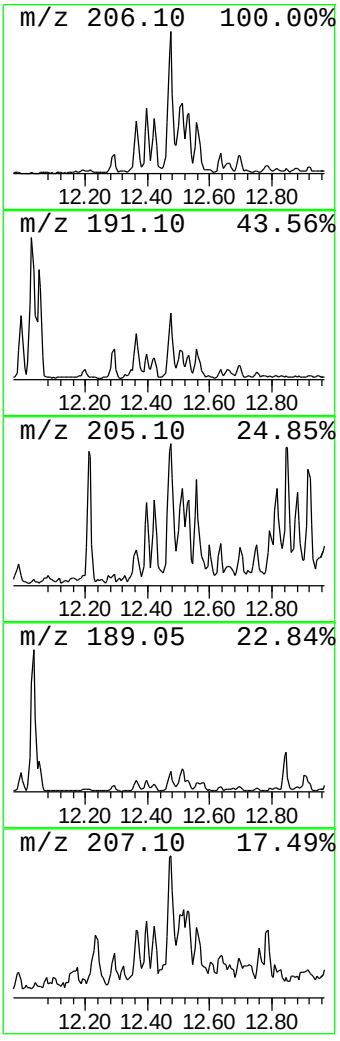
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.47 ng	271720	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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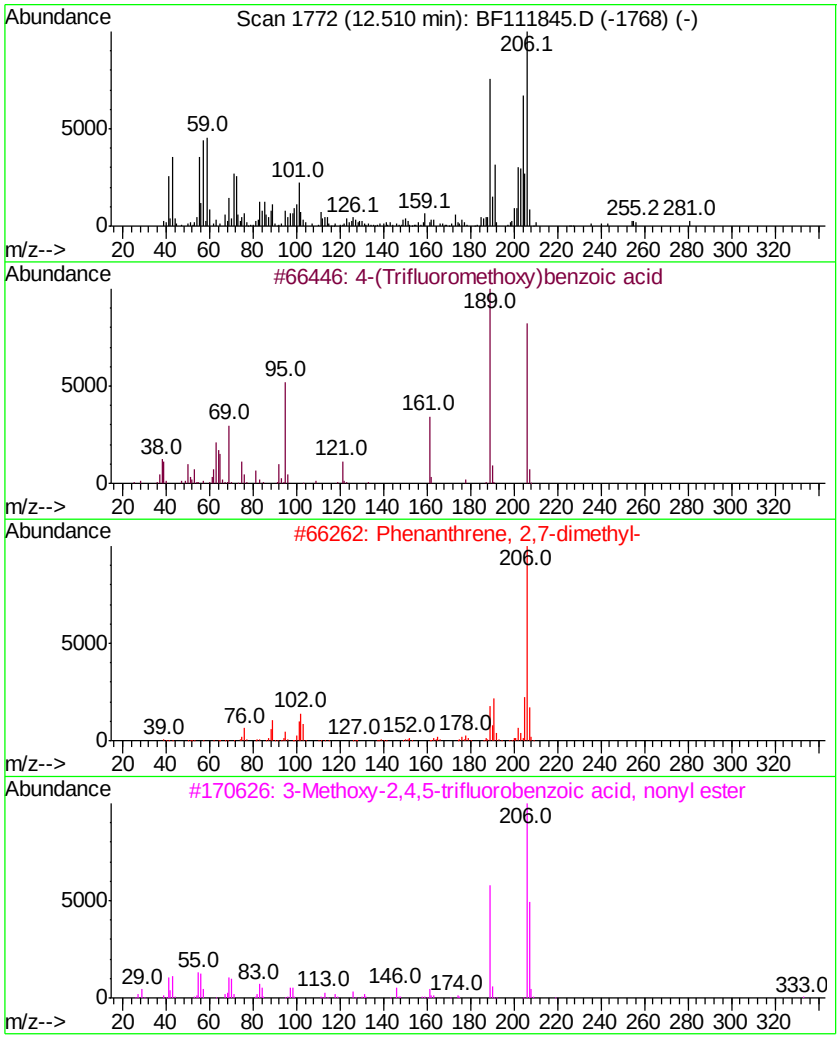
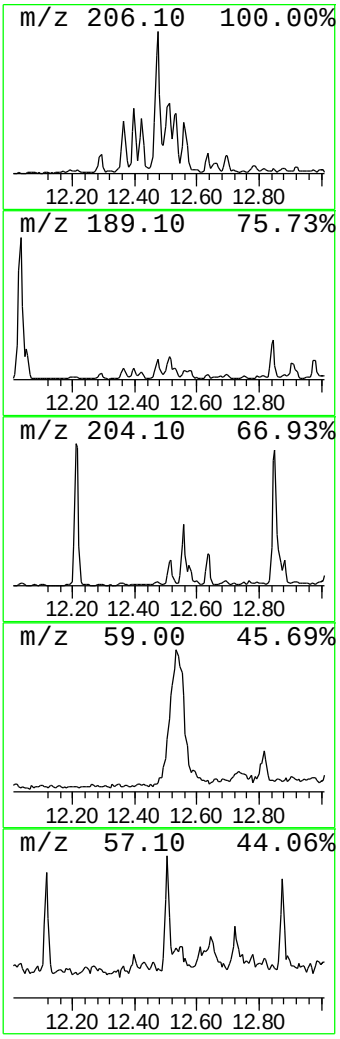
Peak Number 14 unknown12.51 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.54 ng	355782	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
3	3-Methoxy-2,4,5-trifluorobenzoic...	332	C17H23F3O3	1000338-76-6	35
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	25
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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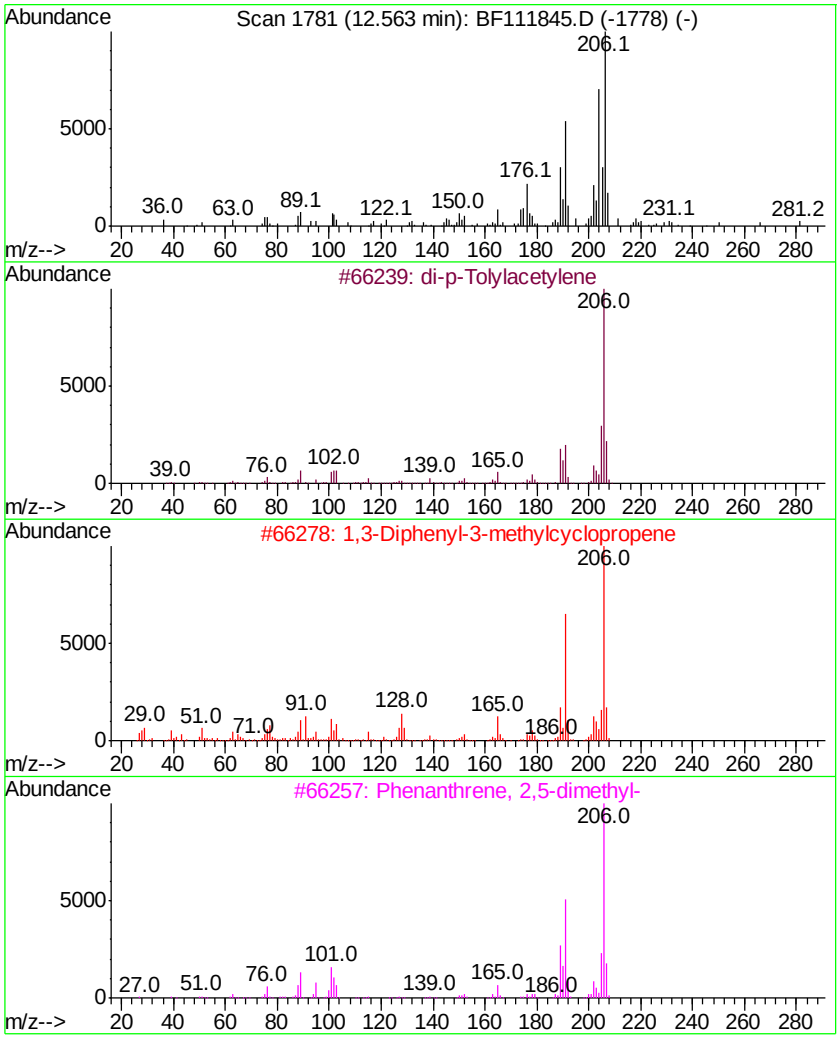
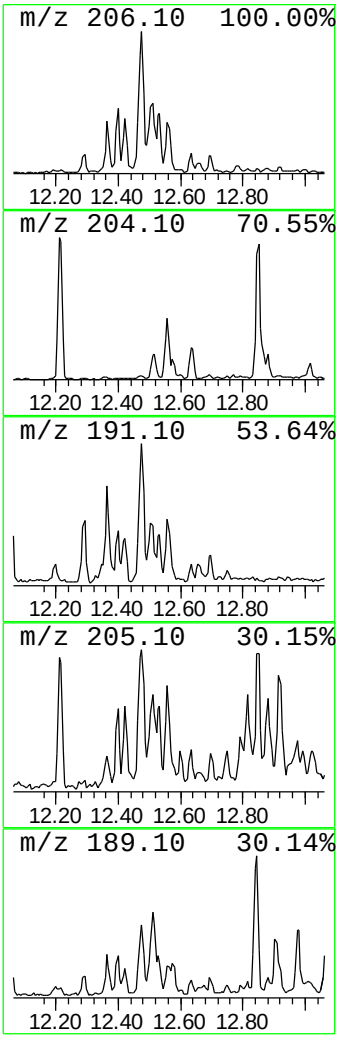
Peak Number 15 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.38 ng	265046	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	52
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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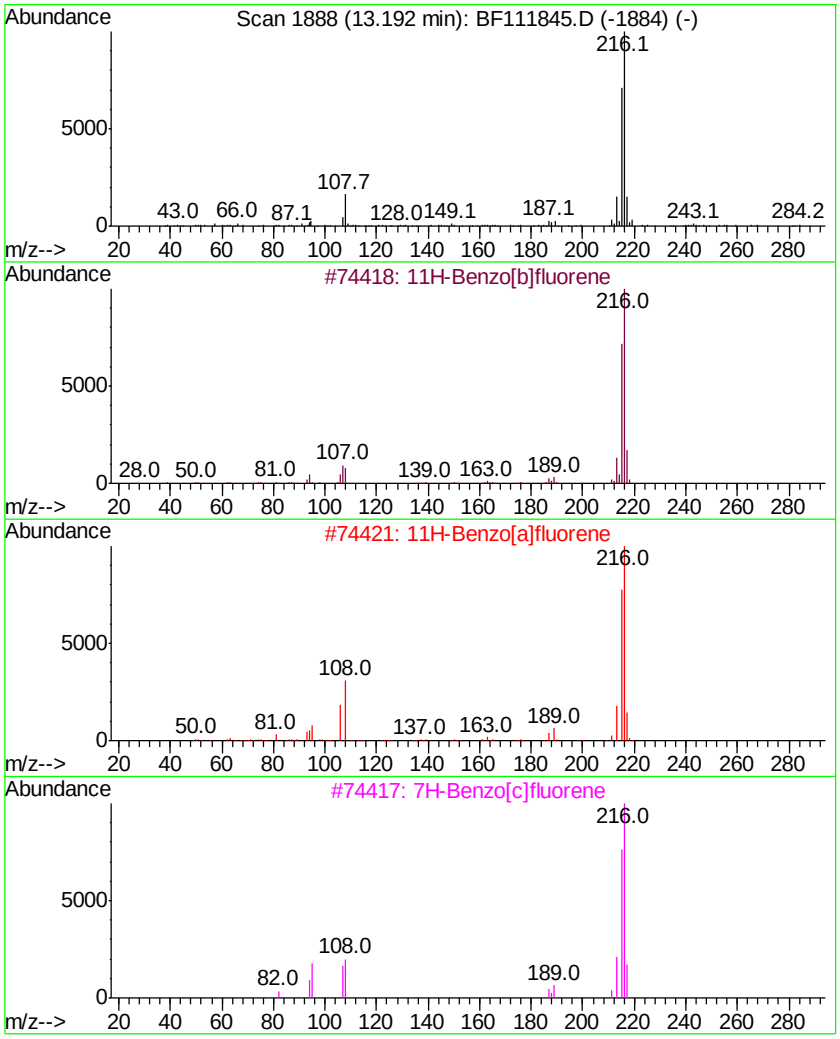
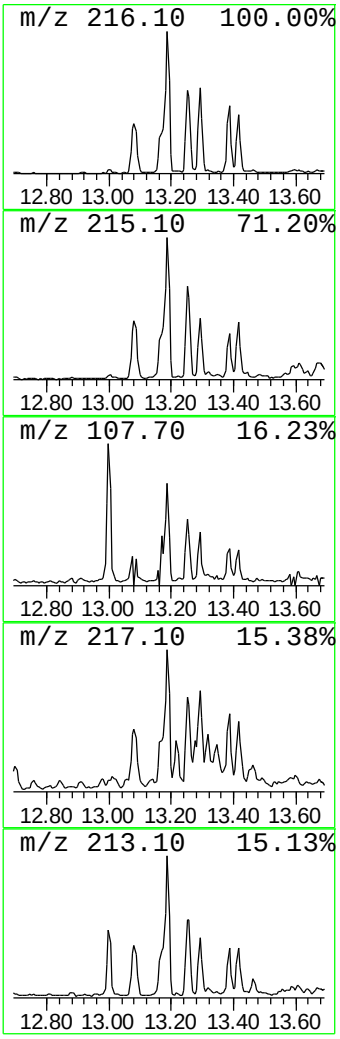
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.44 ng	412334	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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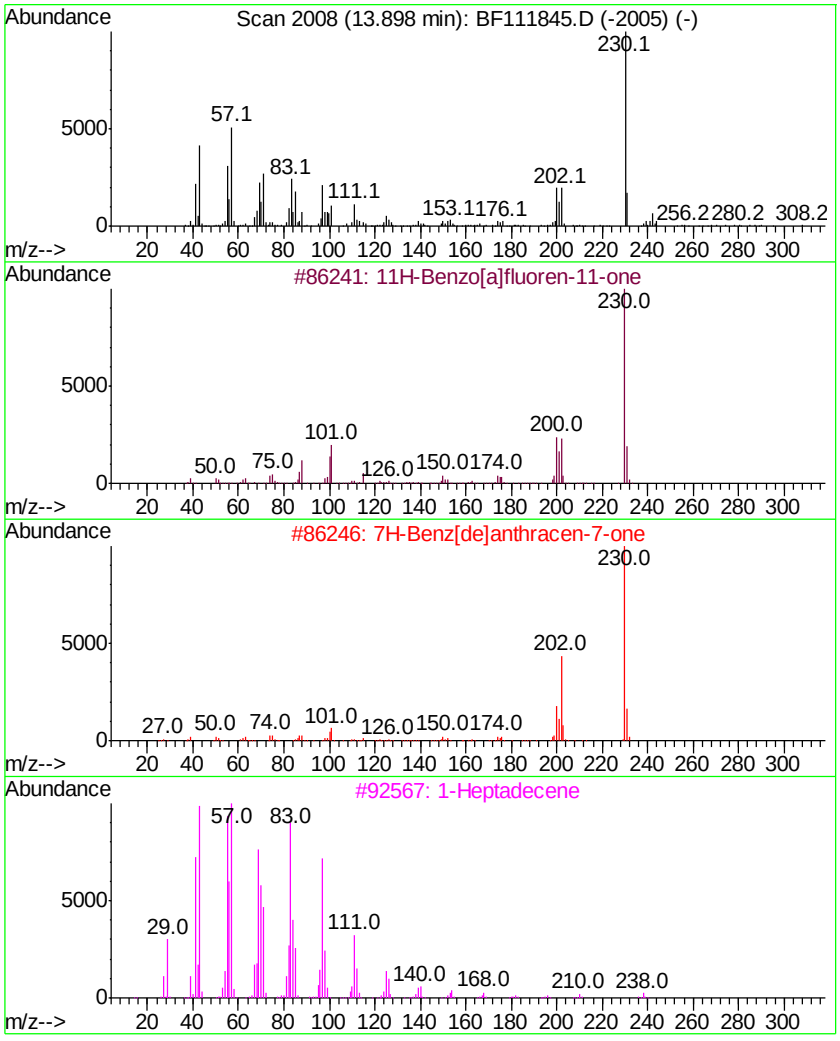
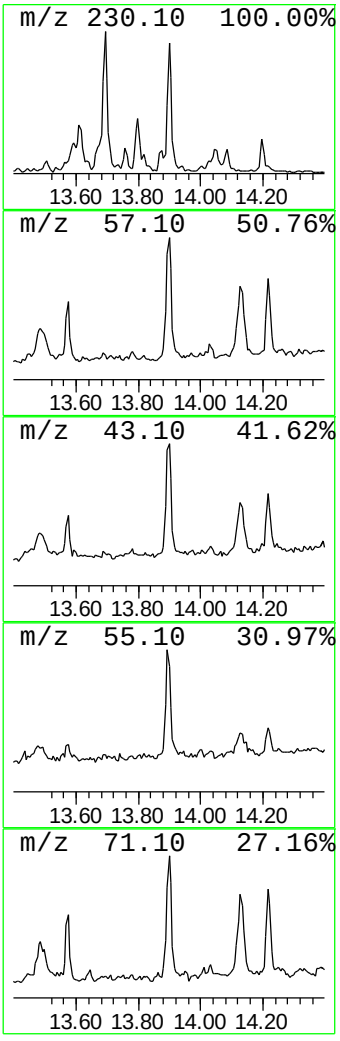
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.37 ng	569256	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	1-Heptadecene	238	C17H34	006765-39-5	25
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	25
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	15





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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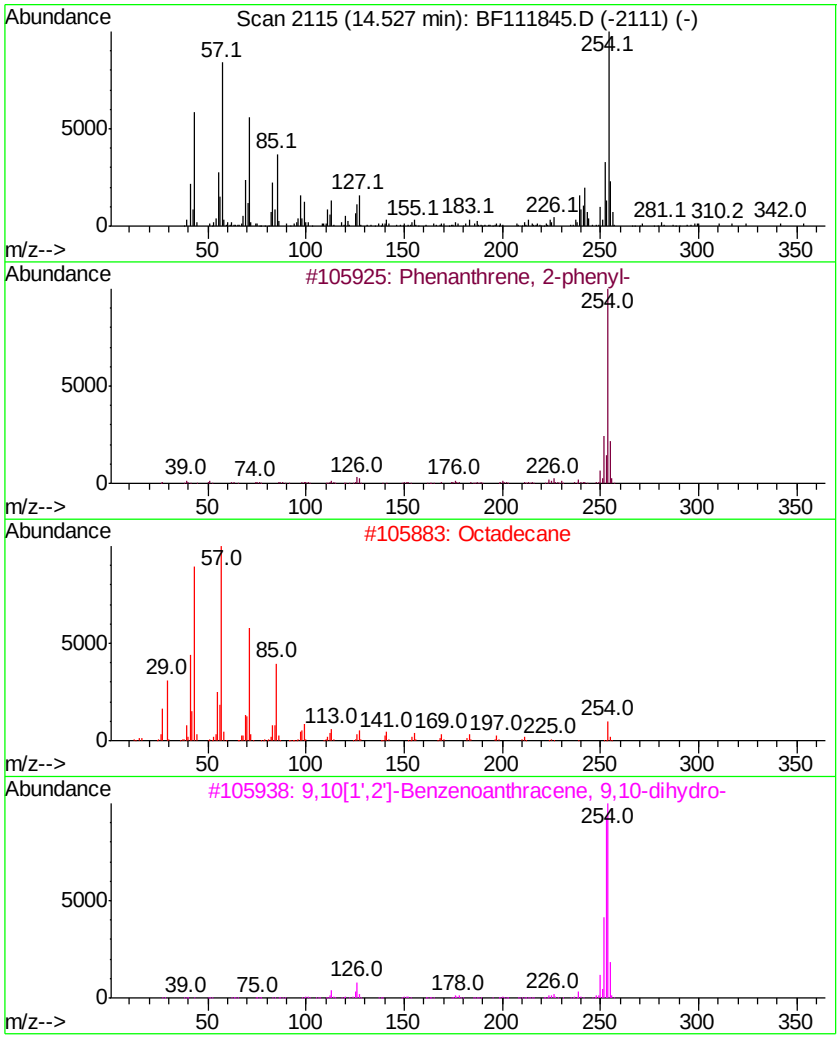
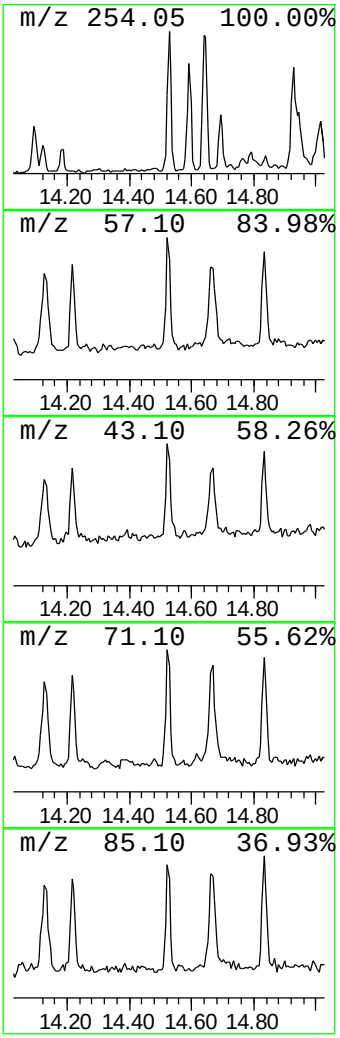
Peak Number 18 unknown14.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.46 ng	415605	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	45
2	Octadecane	254	C18H38	000593-45-3	43
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	43
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	38
5	2,2'-Binaphthalene	254	C20H14	000612-78-2	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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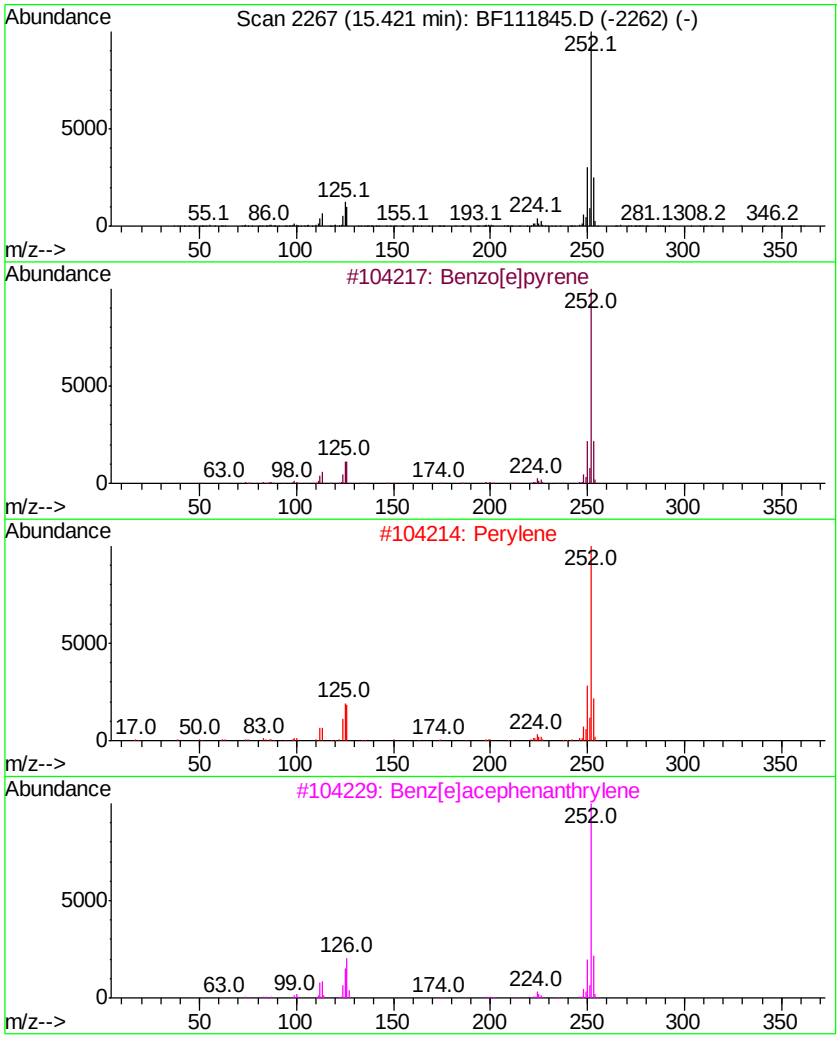
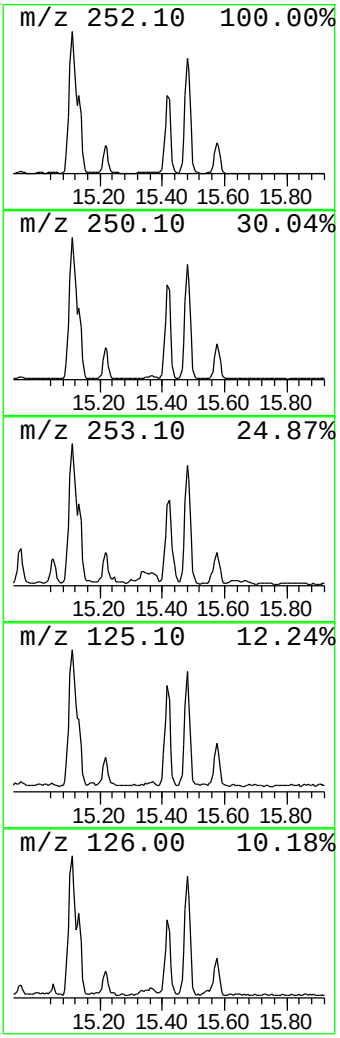
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	14.83 ng	963254	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010419\
Data File : BF111845.D
Acq On : 4 Jan 2019 15:31
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	2.9	ng	200715	1	6.89	1367690	20.0
2-Pentanone, 4-hy...	5.12	4.2	ng	286087	1	6.89	1367690	20.0
unknown6.67	6.67	64.1	ng	4384110	1	6.89	1367690	20.0
unknown10.85	10.85	3.6	ng	280761	4	11.42	1568160	20.0
Tridecane, 7-hexyl-	11.28	2.4	ng	188645	4	11.42	1568160	20.0
Anthracene, 2-met...	11.92	5.2	ng	409083	4	11.42	1568160	20.0
Phenanthrene, 2-m...	11.95	10.1	ng	790087	4	11.42	1568160	20.0
4H-Cyclopenta[def...	12.03	8.2	ng	644242	4	11.42	1568160	20.0
Naphthalene, 2-ph...	12.21	2.5	ng	199507	4	11.42	1568160	20.0
Anthracene, 2-ethyl-	12.36	2.4	ng	185083	4	11.42	1568160	20.0
Phenanthrene, 2,5...	12.47	3.5	ng	271720	4	11.42	1568160	20.0
unknown12.51	12.51	4.5	ng	355782	4	11.42	1568160	20.0
di-p-Tolylacetylene	12.56	3.4	ng	265046	4	11.42	1568160	20.0
11H-Benzo[b]fluorene	13.19	2.4	ng	412334	5	14.06	3380510	20.0
11H-Benzo[a]fluor...	13.90	3.4	ng	569256	5	14.06	3380510	20.0
unknown14.53	14.53	2.5	ng	415605	5	14.06	3380510	20.0
Benzo[e]pyrene	15.42	14.8	ng	963254	6	15.54	1298690	20.0