LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

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-BF083019.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	5.463	570	574	578	rBV	2336238	2284882	84.20%	5.265%
2	6.475	741	746	749	rBV	2638608	2497059	92.02%	5.754%
3	6.616	766	770	773	rBV	2940457	2610062	96.19%	6.014%
4	6.845	806	809	812	rBV	941038	759227	27.98%	1.750%
5	7.004	832	836	839	rVB	2502142	2029132	74.78%	4.676%
6	7.404	899	904	907	rBV	1919817	1659691	61.16%	3.824%
7	8.128	1023	1027	1030	rBV	1275007	1020952	37.62%	2.353%
8	9.204	1206	1210	1213	rBV	3364353	2713532	100.00%	6.253%
9	9.592	1273	1276	1281	rBV	359778	288243	10.62%	0.664%
10	9.739	1298	1301	1304	rBV	151121	117960	4.35%	0.272%
11	9.880	1321	1325	1328	rBV	1496007	1141436	42.06%	2.630%
12	9.910	1328	1330	1334	rVB	148106	117501	4.33%	0.271%
13	10.080	1356	1359	1363	rBV	76964	73833	2.72%	0.170%
14	10.427	1415	1418	1423	rVB	144383	132832	4.90%	0.306%
15	10.492	1423	1429	1431	rBV	37201	46366	1.71%	0.107%
16	10.580	1442	1444	1451	rVB2	42203	49002	1.81%	0.113%
17	10.669	1454	1459	1462	rBV	1687883	1594788	58.77%	3.675%
18	10.786	1477	1479	1483	rVB3	36117	38159	1.41%	0.088%
19	10.974	1502	1511	1513	rBV3	52986	83345	3.07%	0.192%
20	11.098	1528	1532	1534	rBV2	28249	37665	1.39%	0.087%
21	11.163	1540	1543	1548	rVB	62875	66983	2.47%	0.154%
22	11.221	1548	1553	1557	rVV3	56304	90872	3.35%	0.209%
23	11.257	1557	1559	1565	rVB	89525	83871	3.09%	0.193%
24	11.363	1573	1577	1579	rBV	1219388	1114871	41.09%	2.569%
25	11.386	1579	1581	1584	rVV	1774019	1366301	50.35%	3.148%
26	11.433	1584	1589	1592	rVV	364492	361714	13.33%	0.834%
27	11.469	1592	1595	1598	rVB2	57582	57247	2.11%	0.132%
28	11.586	1609	1615	1618	rBV2	174778	178325	6.57%	0.411%
29	11.657	1624	1627	1629	rVB	48029	36496	1.34%	0.084%
30	11.692	1629	1633	1636	rBV2	54143	47103	1.74%	0.109%
31	11.863	1656	1662	1664	rBV	289098	255413	9.41%	0.589%
32	11.892	1664	1667	1671	rVV	719232	661765	24.39%	1.525%
33	11.939	1671	1675	1677	rVV	119926	122557	4.52%	0.282%
34	11.974	1677	1681	1683	rVV2	375272	399839	14.74%	0.921%

LSC Area Percent Report

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Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.998	1683	1685	1689	rVB	199463	164848	6.08%	0.380%
36	12.039	1689	1692	1694	rBV3	27317	35605	1.31%	0.082%
37	12.157	1709	1712	1714	rBV	179138	154490	5.69%	0.356%
38	12.174	1714	1715	1719	rVB	180236	142704	5.26%	0.329%
39	12.304	1732	1737	1740	rBV	83809	100677	3.71%	0.232%
40	12.339	1740	1743	1745	rVV	68341	65509	2.41%	0.151%
41	12.357	1745	1746	1749	rVV	48131	37595	1.39%	0.087%
42	12.410	1752	1755	1758	rVV	178967	181092	6.67%	0.417%
43	12.451	1758	1762	1764	rVV2	113017	138339	5.10%	0.319%
44	12.492	1767	1769	1775	rVB3	104430	125137	4.61%	0.288%
45	12.574	1779	1783	1786	rVB	1994983	1695832	62.50%	3.908%
46	12.615	1786	1790	1792	rBV2	32650	35092	1.29%	0.081%
47	12.668	1796	1799	1802	rBV2	141010	126988	4.68%	0.293%
48	12.721	1806	1808	1812	rVB2	49647	46943	1.73%	0.108%
49	12.804	1816	1822	1825	rBV	1597900	1820083	67.07%	4.194%
50	12.851	1827	1830	1835	rVB2	92073	121231	4.47%	0.279%
51	12.915	1838	1841	1842	rBV	90551	72878	2.69%	0.168%
52	12.945	1842	1846	1853	rVB	2288034	2216375	81.68%	5.107%
53	13.015	1853	1858	1862	rBV2	148504	241508	8.90%	0.557%
54	13.104	1870	1873	1874	rBV2	105079	99216	3.66%	0.229%
55	13.127	1874	1877	1879	rVB	289851	270360	9.96%	0.623%
56	13.157	1879	1882	1884	rBV3	39263	42751	1.58%	0.099%
57	13.192	1885	1888	1891	rVV	207270	177379	6.54%	0.409%
58	13.227	1891	1894	1897	rVV2	200411	217126	8.00%	0.500%
59	13.257	1897	1899	1902	rVB2	43246	43126	1.59%	0.099%
60	13.286	1902	1904	1907	rBV3	36962	41844	1.54%	0.096%
61	13.321	1907	1910	1913	rVV	121432	106432	3.92%	0.245%
62	13.351	1913	1915	1919	rVB	116638	111579	4.11%	0.257%
63	13.421	1925	1927	1934	rBV6	36301	57993	2.14%	0.134%
64	13.498	1938	1940	1941	rBV2	47622	39289	1.45%	0.091%
65	13.627	1960	1962	1968	rVB	142349	162887	6.00%	0.375%
66	13.745	1977	1982	1984	rBV2	150293	224497	8.27%	0.517%
67	13.774	1984	1987	1989	rVV	155474	155627	5.74%	0.359%
68	13.798	1989	1991	1994	rVV2	119385	156605	5.77%	0.361%
69	13.833	1994	1997	2004	rVB2	521046	602949	22.22%	1.389%
70	13.992	2019	2024	2027	rBV3	1227060	1817790	66.99%	4.189%
71	14.021	2027	2029	2035	rVB	848431	730916	26.94%	1.684%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	14.098	2040	2042	2046	rVB	96316	77226	2.85%	0.178%
73	14.210	2058	2061	2066	rBV2	95641	134307	4.95%	0.309%
74	14.345	2081	2084	2085	rBV	45666	39938	1.47%	0.092%
75	14.380	2086	2090	2092	rVB	181571	192346	7.09%	0.443%
76	14.415	2093	2096	2099	rVB2	133594	123115	4.54%	0.284%
77	14.468	2102	2105	2108	rVB2	141210	146238	5.39%	0.337%
78	14.504	2108	2111	2113	rBV	102528	96762	3.57%	0.223%
79	14.768	2153	2156	2158	rBV2	105838	117045	4.31%	0.270%
80	15.027	2195	2200	2208	rBV	797537	1566643	57.73%	3.610%
81	15.104	2210	2213	2215	rVV	157484	184716	6.81%	0.426%
82	15.133	2215	2218	2222	rVB	188795	199576	7.35%	0.460%
83	15.327	2247	2251	2257	rVB	499067	636470	23.46%	1.467%
84	15.386	2257	2261	2267	rBV	648033	831833	30.65%	1.917%
85	15.451	2267	2272	2275	rVV	734905	919546	33.89%	2.119%
86	15.480	2275	2277	2284	rVB2	316842	381075	14.04%	0.878%
87	15.909	2348	2350	2355	rVB4	76492	96137	3.54%	0.222%
88	16.898	2512	2518	2525	rVB2	277422	541689	19.96%	1.248%
89	17.333	2587	2592	2602	rVB	209386	391570	14.43%	0.902%

Sum of corrected areas: 43396548

LSC Report - Integrated Chromatogram

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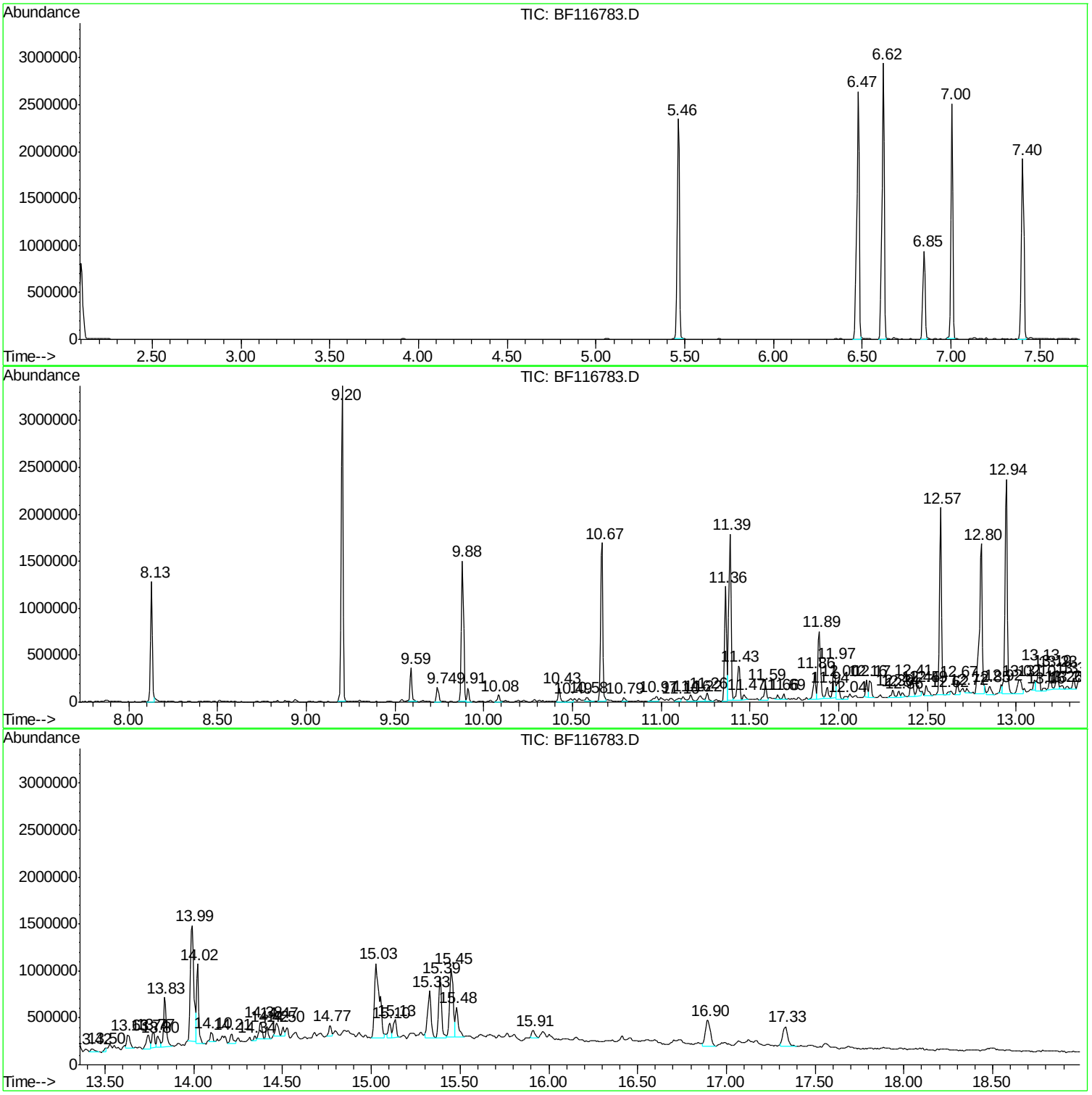
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

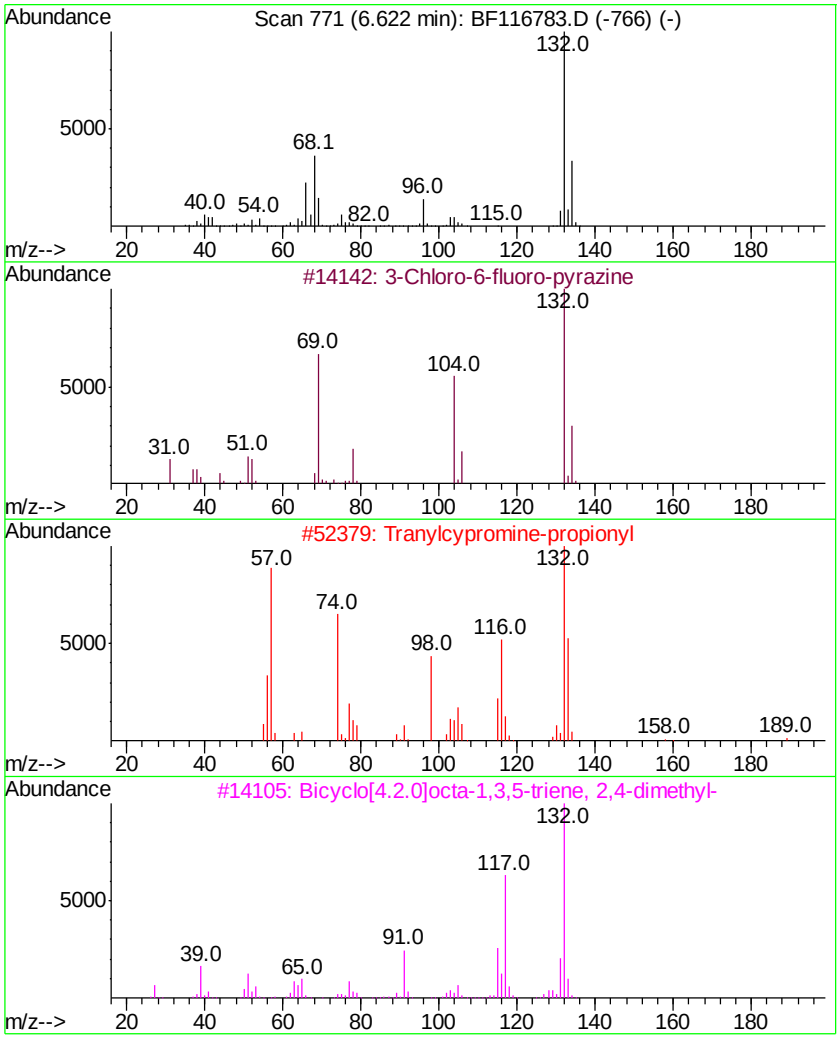
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

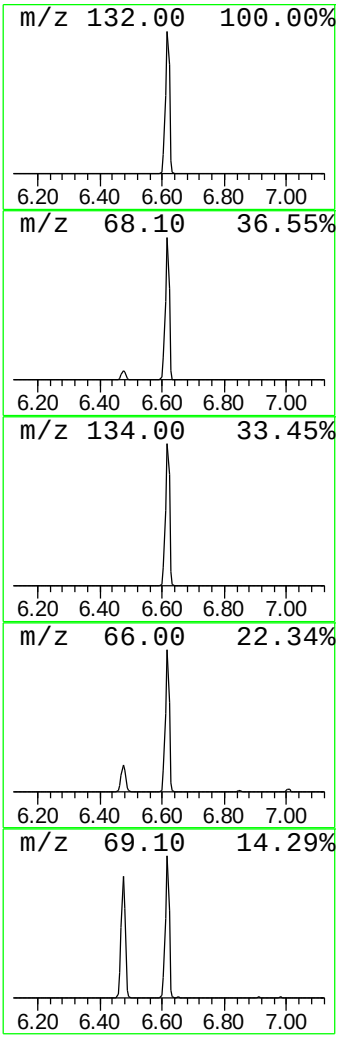
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.76 ng	2610060	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

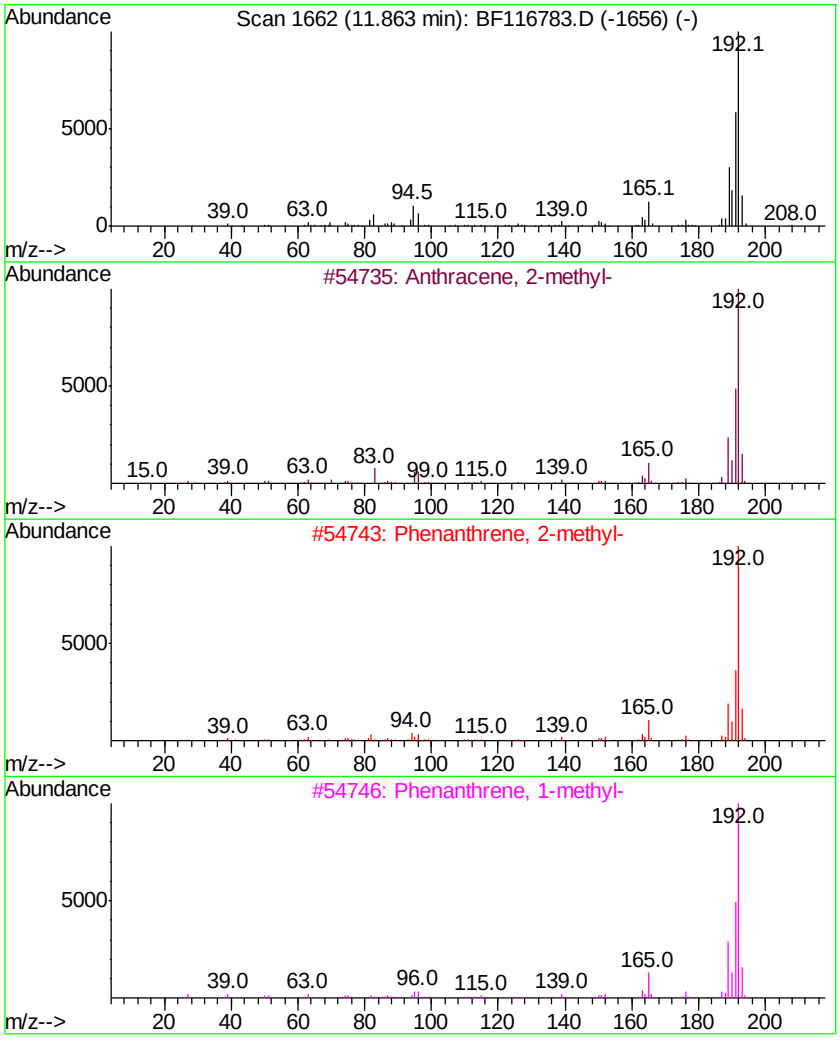
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

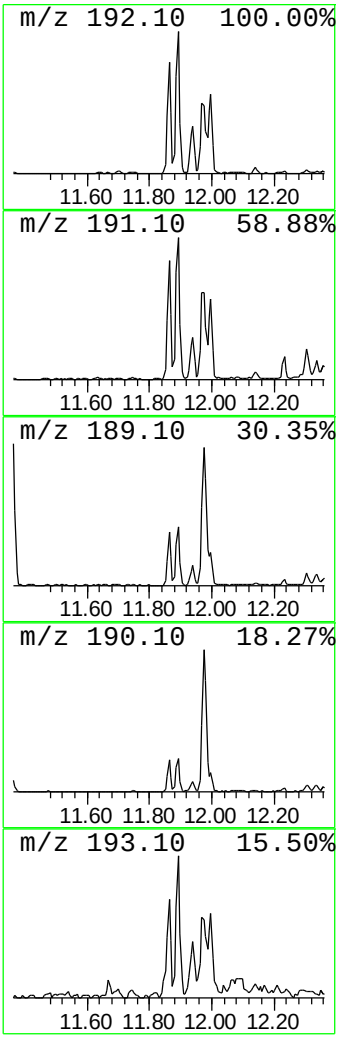
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.58 ng	255413	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

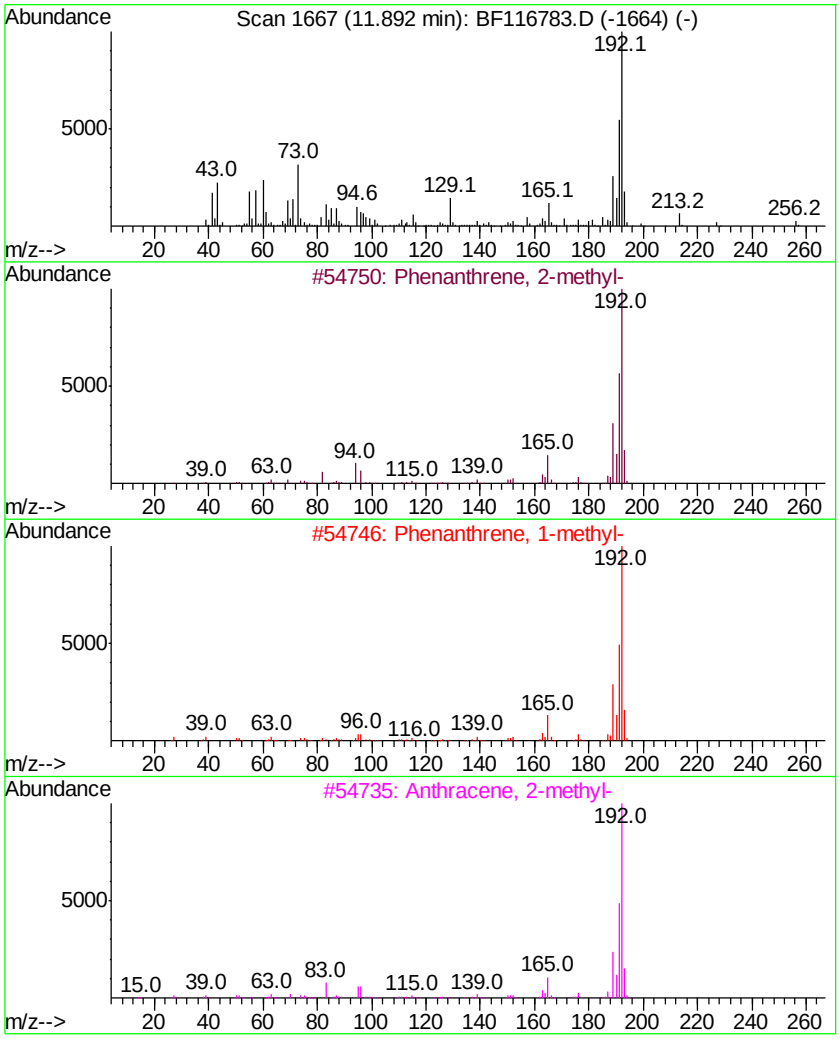
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

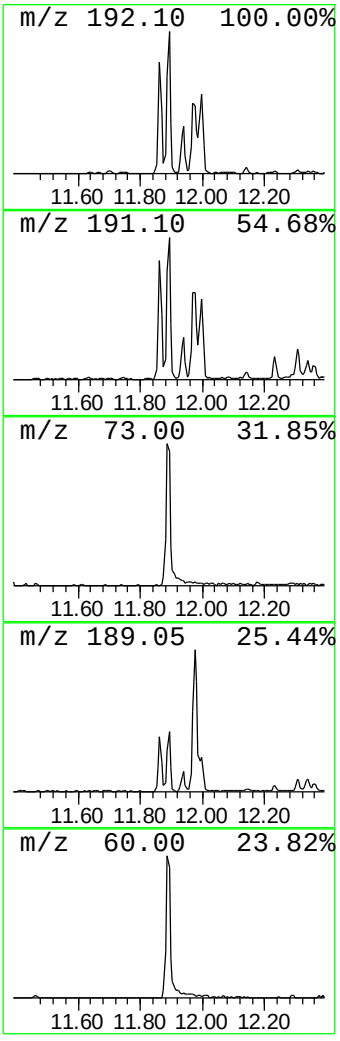
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.87 ng	661765	Phenanthrene-d10	11.36

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	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

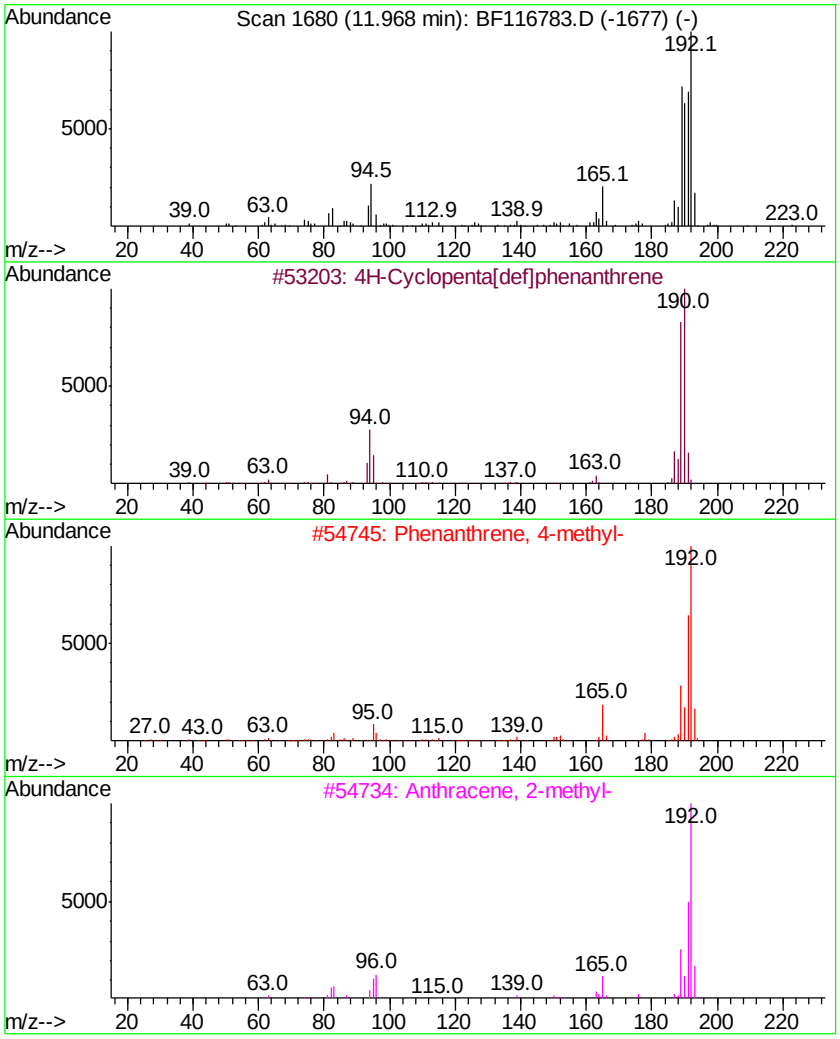
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

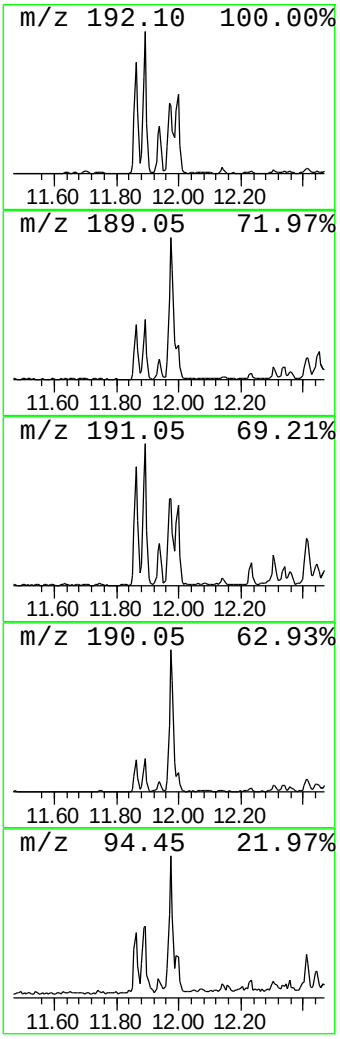
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	7.17 ng	399839	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	35





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Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

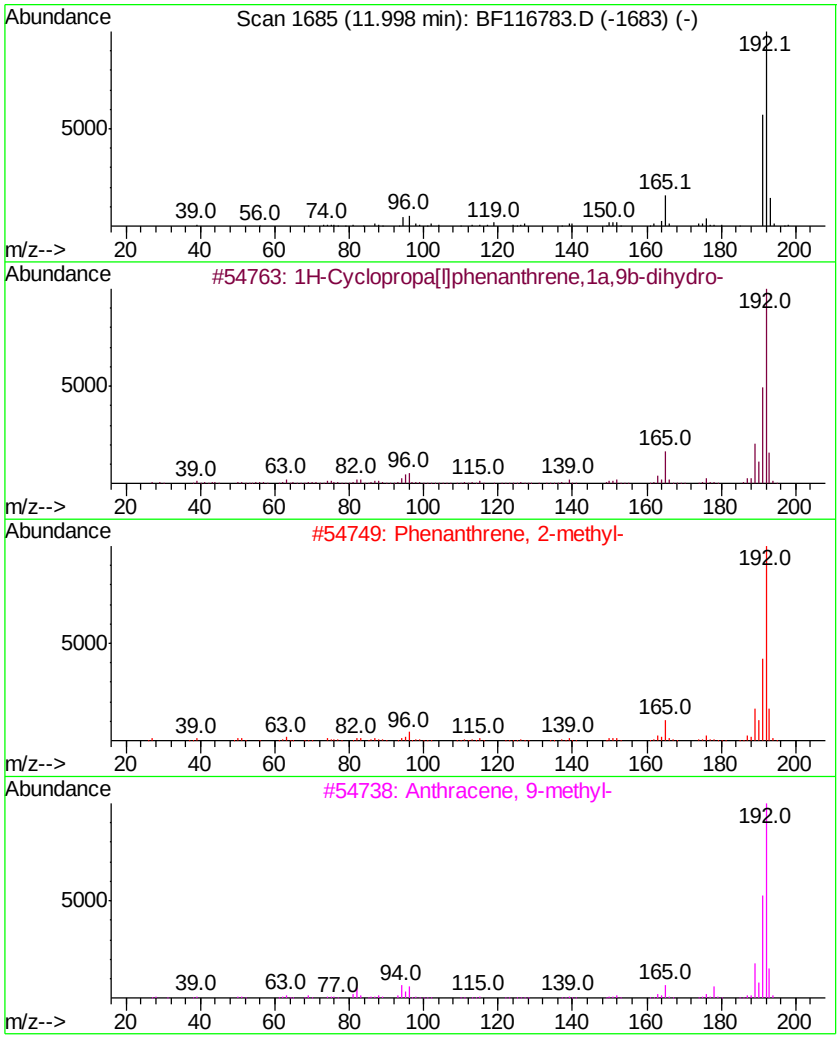
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

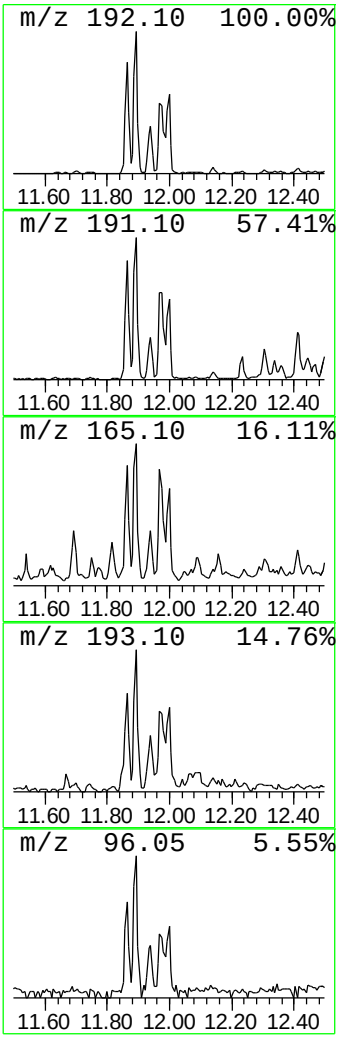
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.96 ng	164848	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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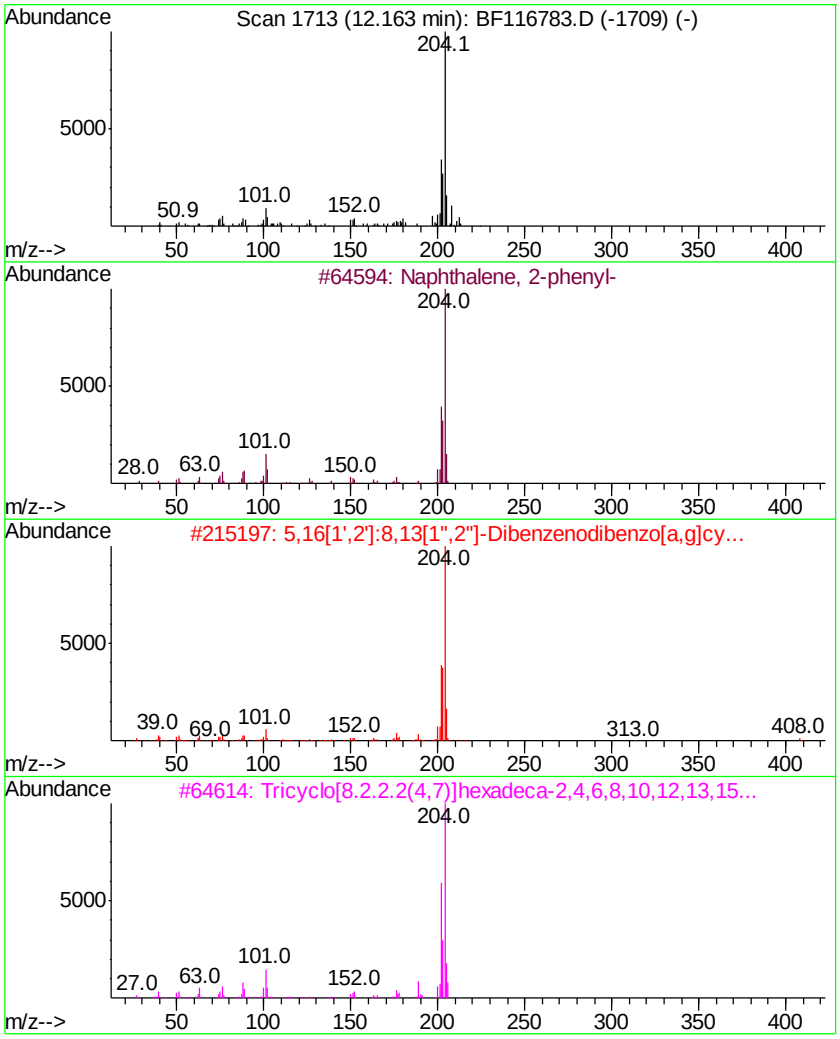
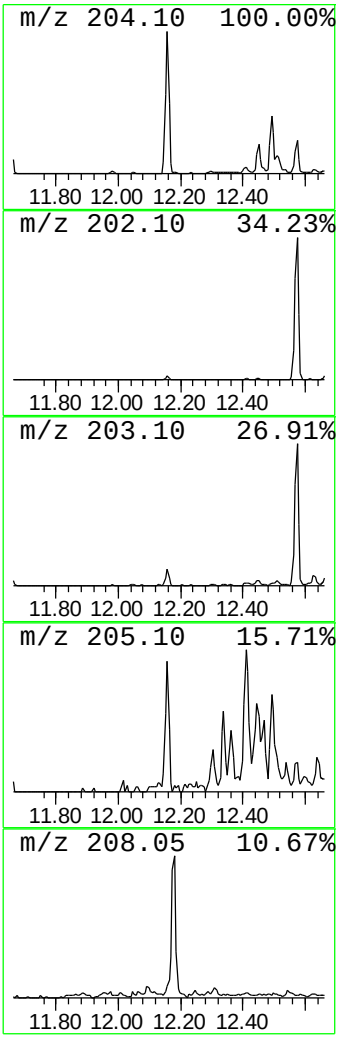
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.77 ng	154490	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
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	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	60





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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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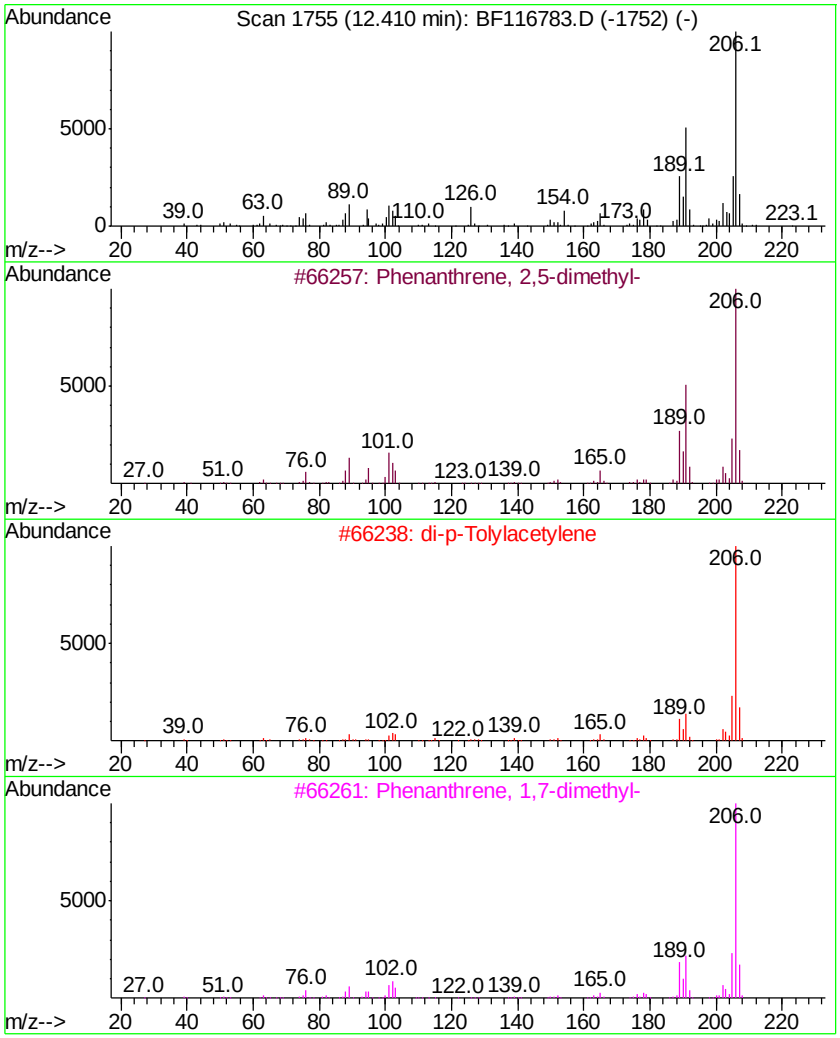
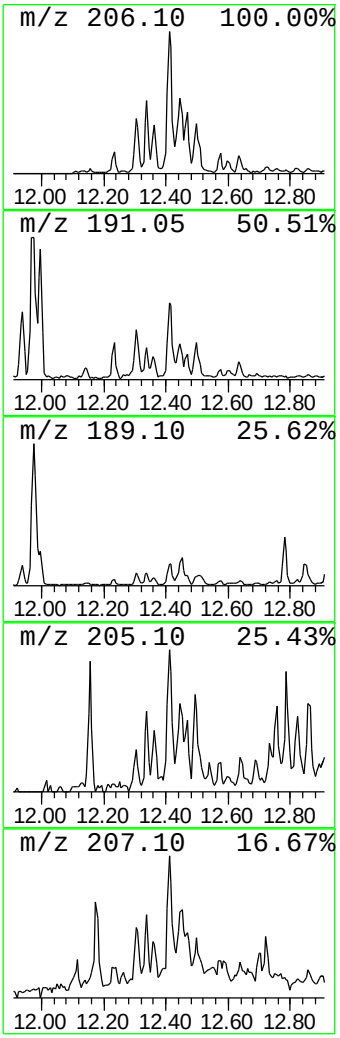
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.25 ng	181092	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	86





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TIC Library : C:\DATABASE\NIST11.L
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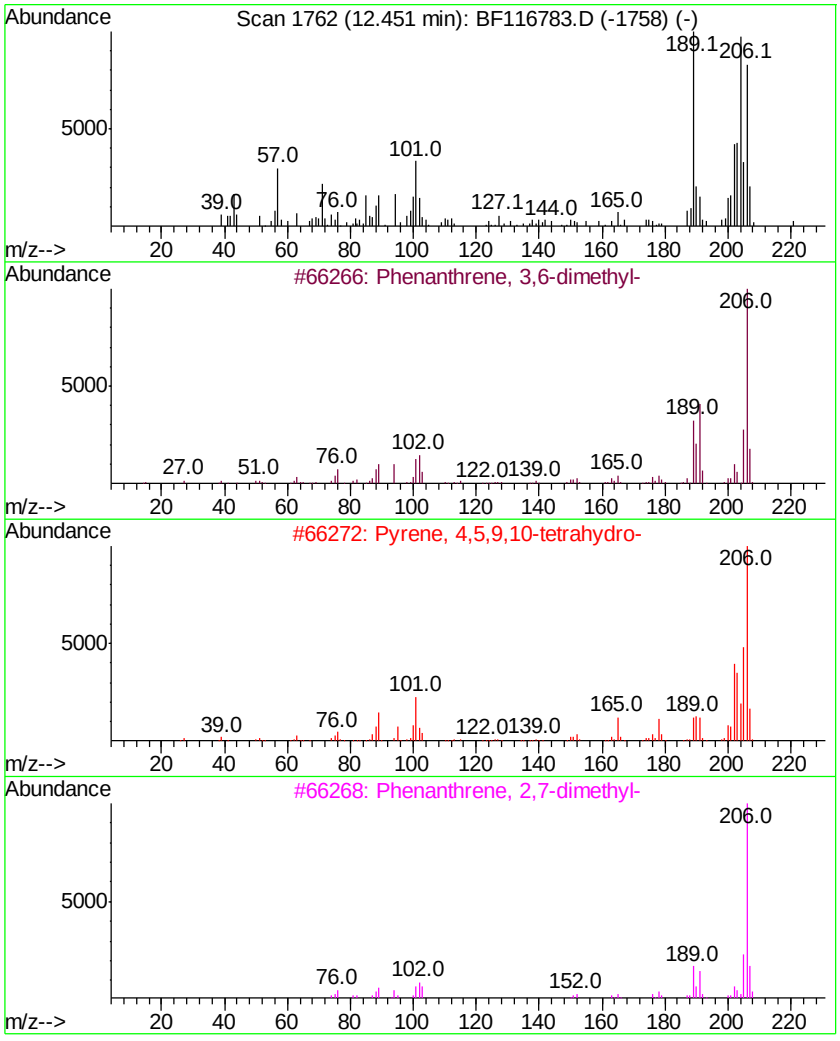
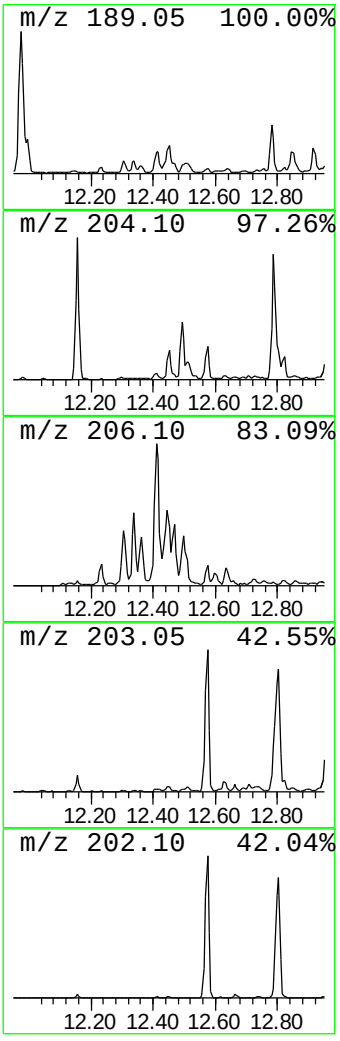
Peak Number 10 unknown12.45 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.48 ng	138339	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1000227-19-9	30





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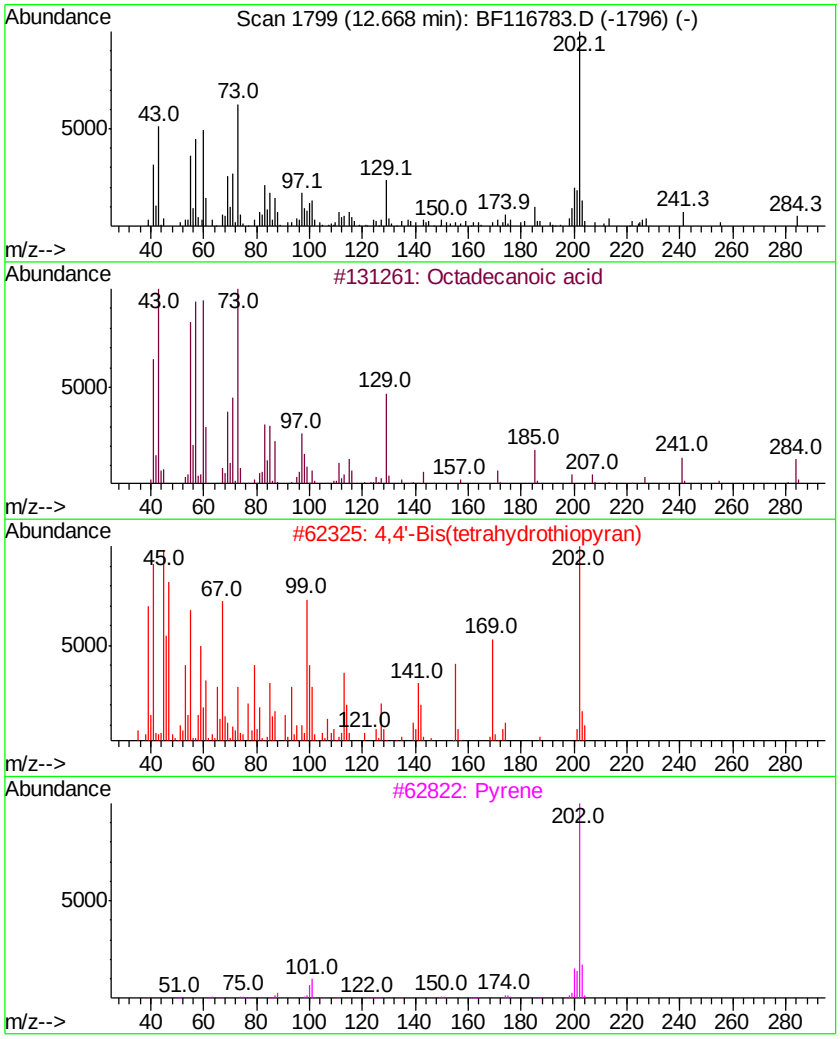
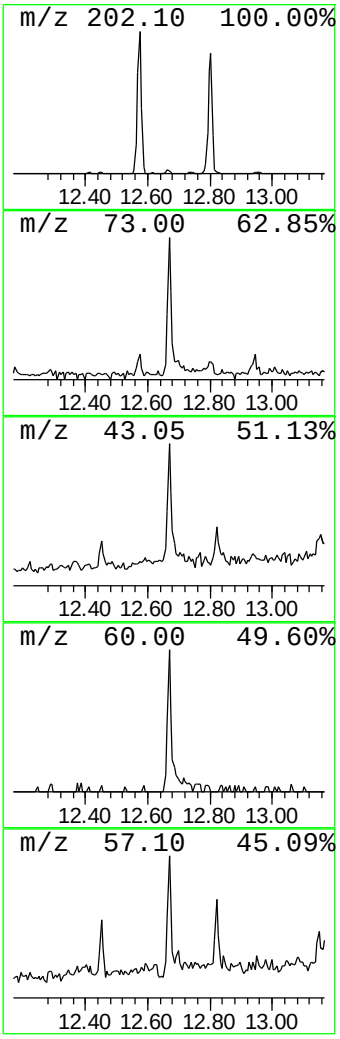
Peak Number 11 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.28 ng	126988	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	74
3	Pyrene	202	C16H10	000129-00-0	47
4	Benzene, 2-methoxy-4-(2-propenyl...	202	C13H14O2	055956-27-9	43
5	Fluoranthene	202	C16H10	000206-44-0	41





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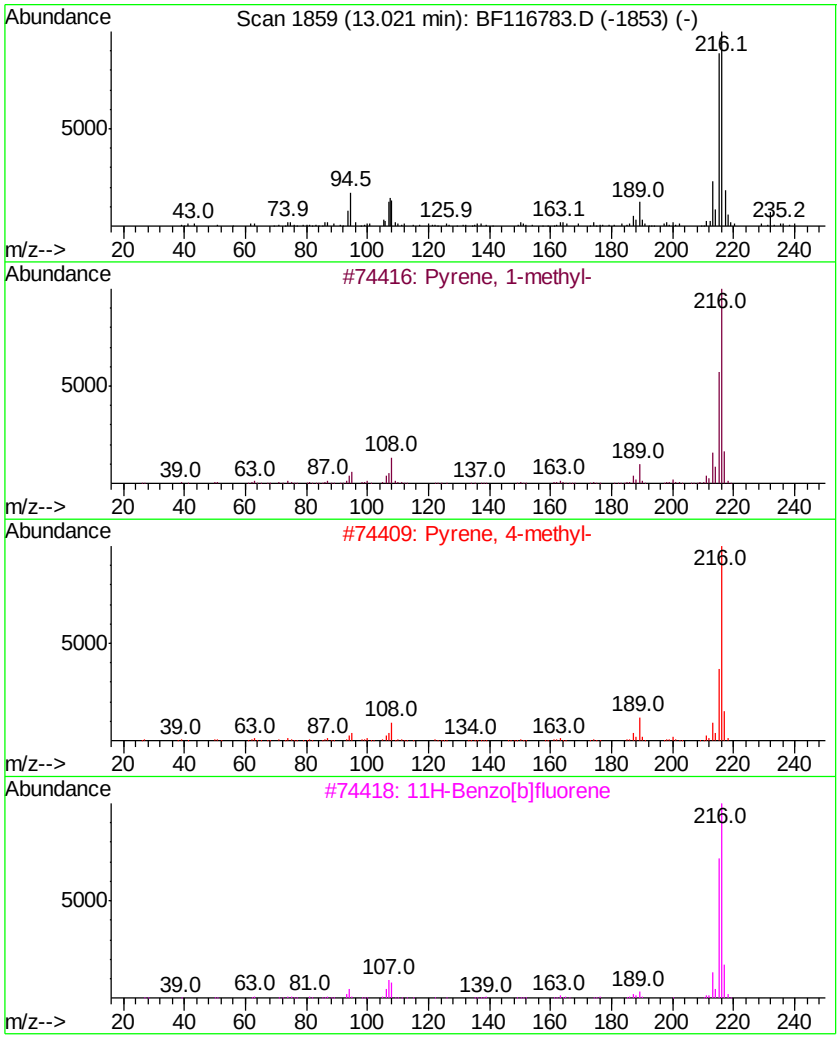
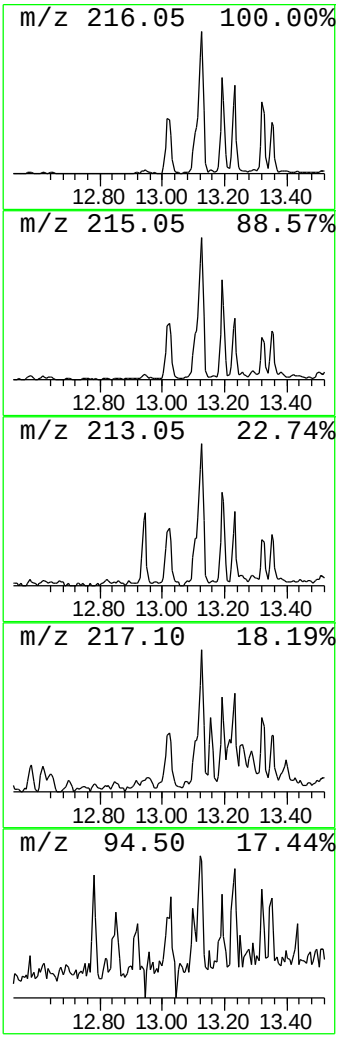
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.66 ng	241508	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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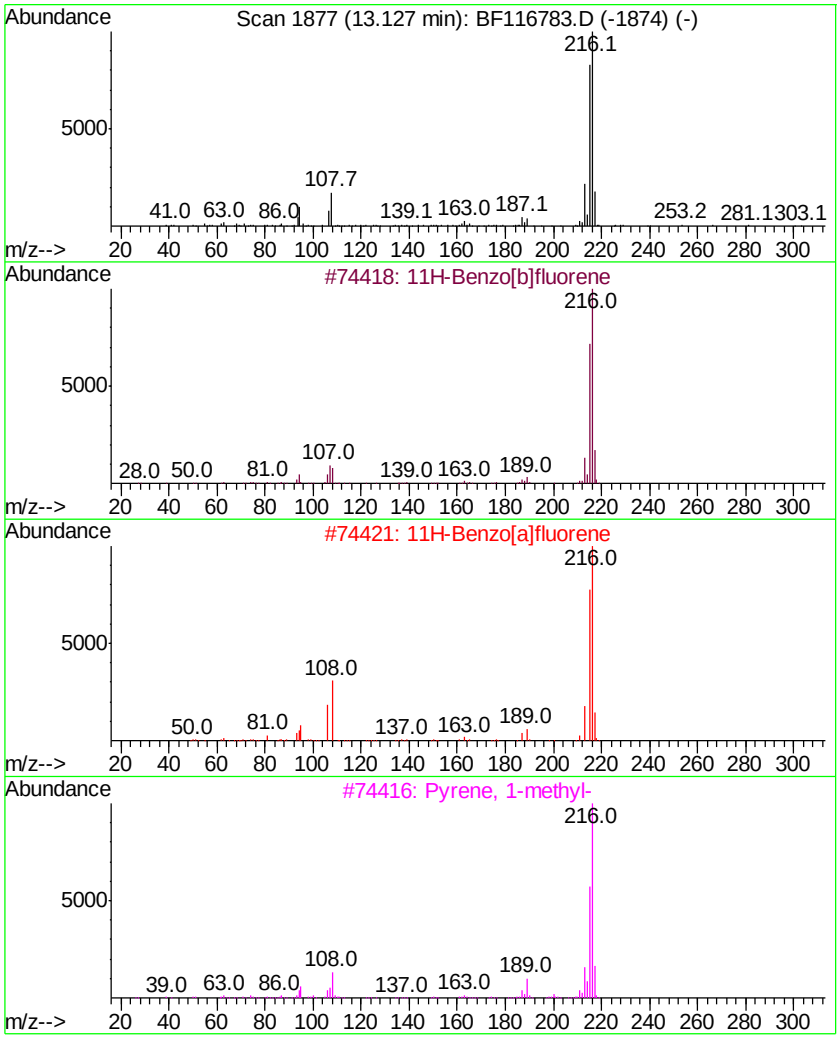
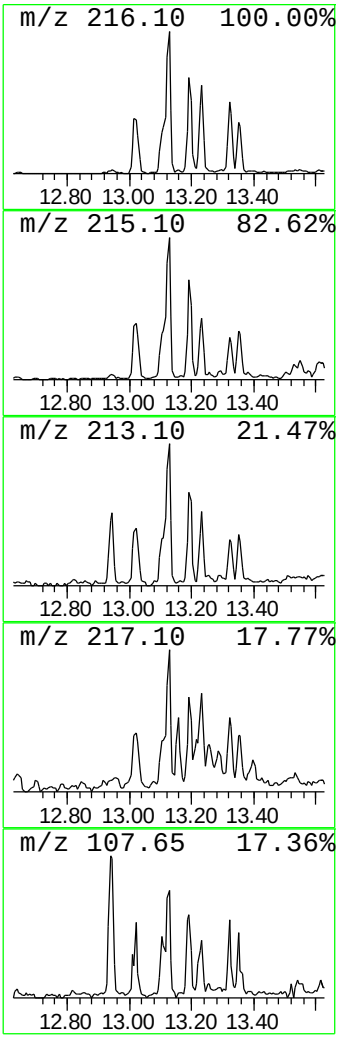
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.97 ng	270360	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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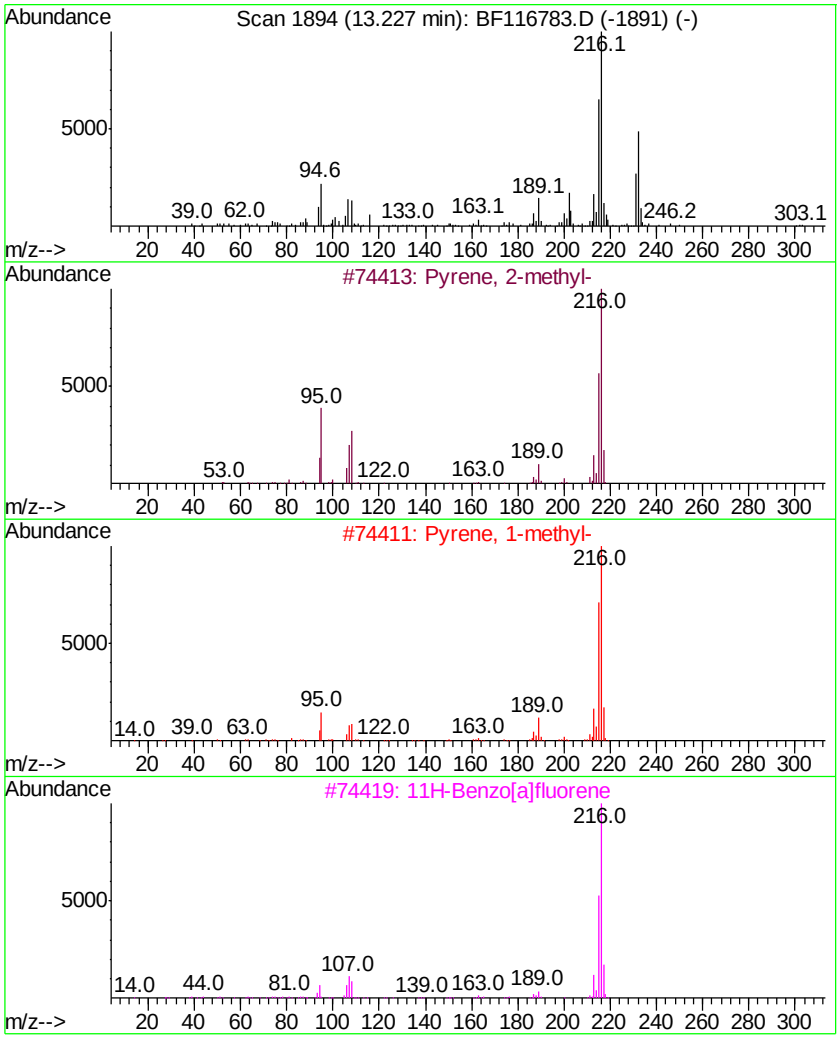
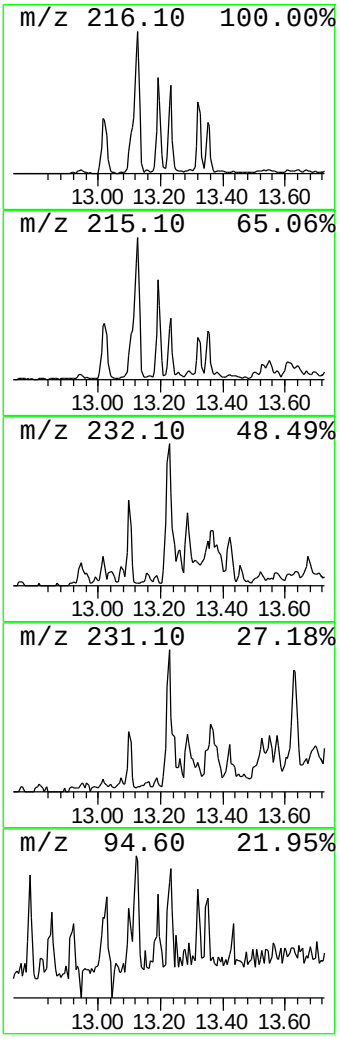
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.39 ng	217126	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50





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TIC Integration Parameters: LSCINT.P

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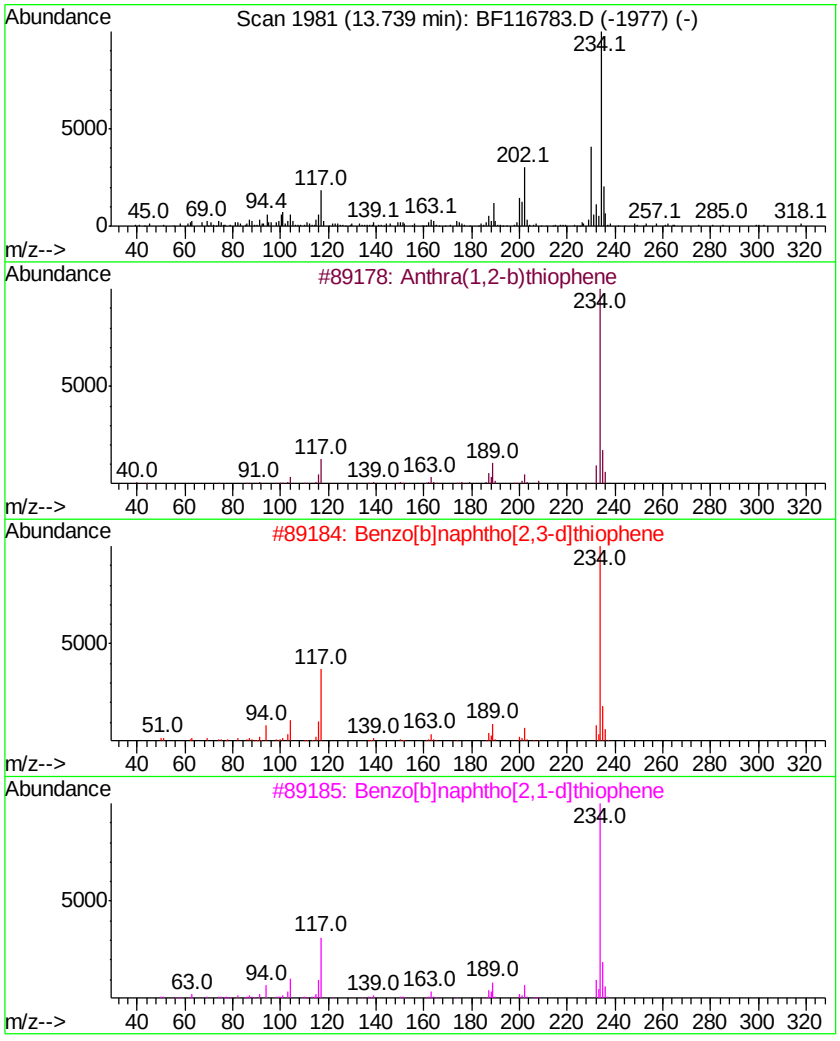
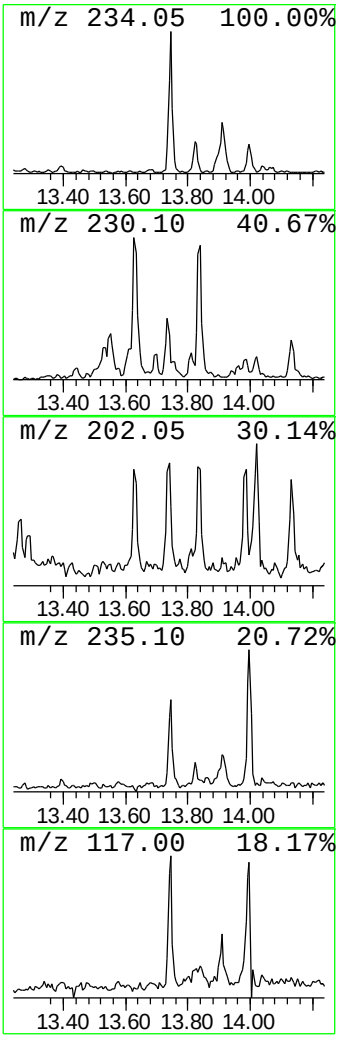
Peak Number 15 Anthra(1,2-b)thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.47 ng	224497	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	59





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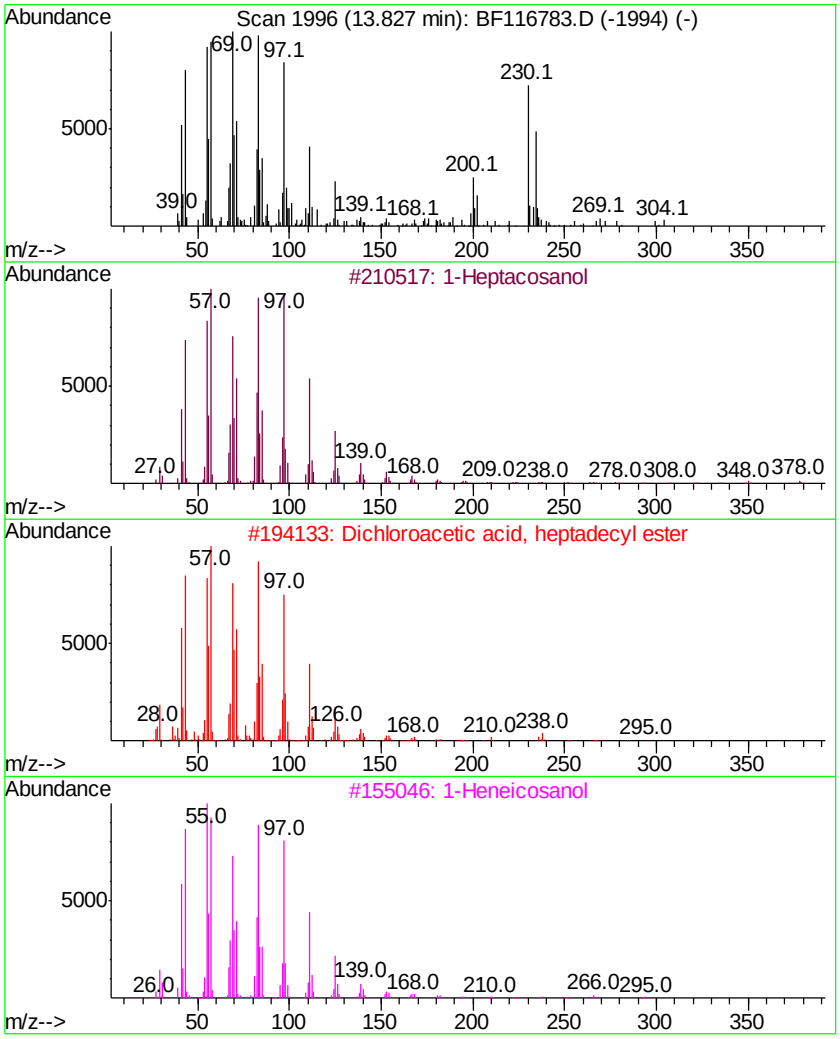
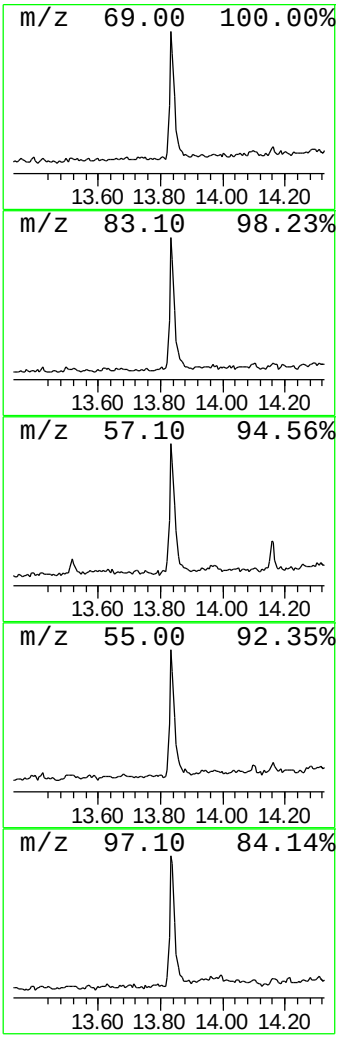
Peak Number 16 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.63 ng	602949	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	89
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	86
3	1-Heneicosanol	312	C21H44O	015594-90-8	70
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	70





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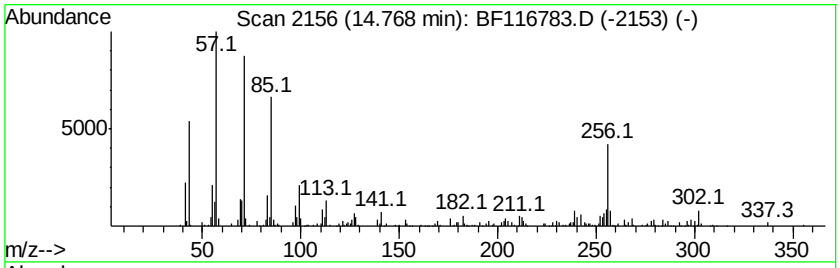
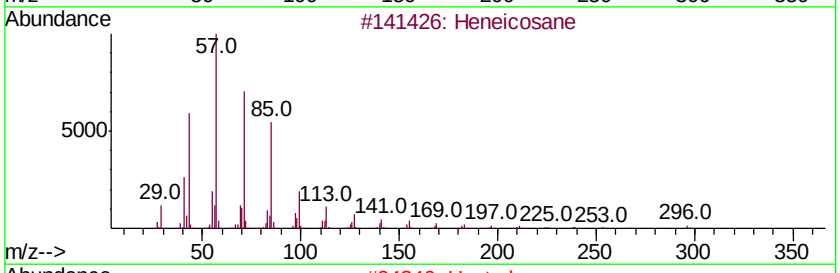
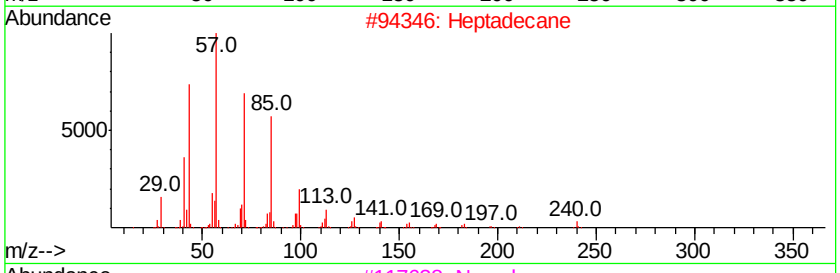
Peak Number 17 Heneicosane Concentration Rank 16

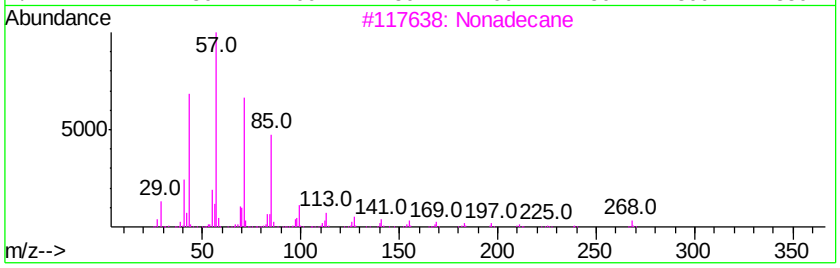
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.55 ng	117045	Perylene-d12	15.45

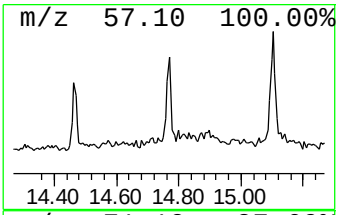
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	83
4	Octadecane	254	C18H38	000593-45-3	62
5	Hexacosane	366	C26H54	000630-01-3	52

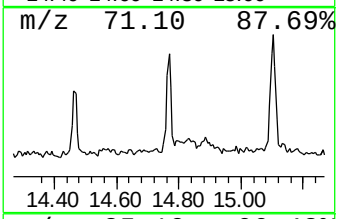


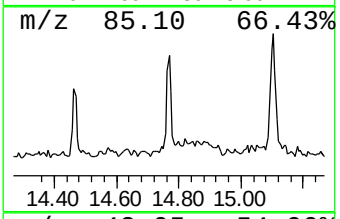


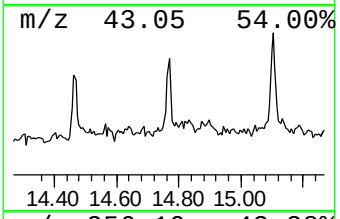


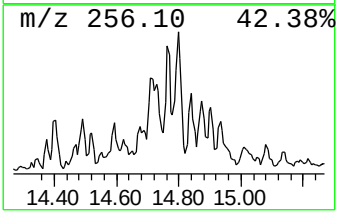












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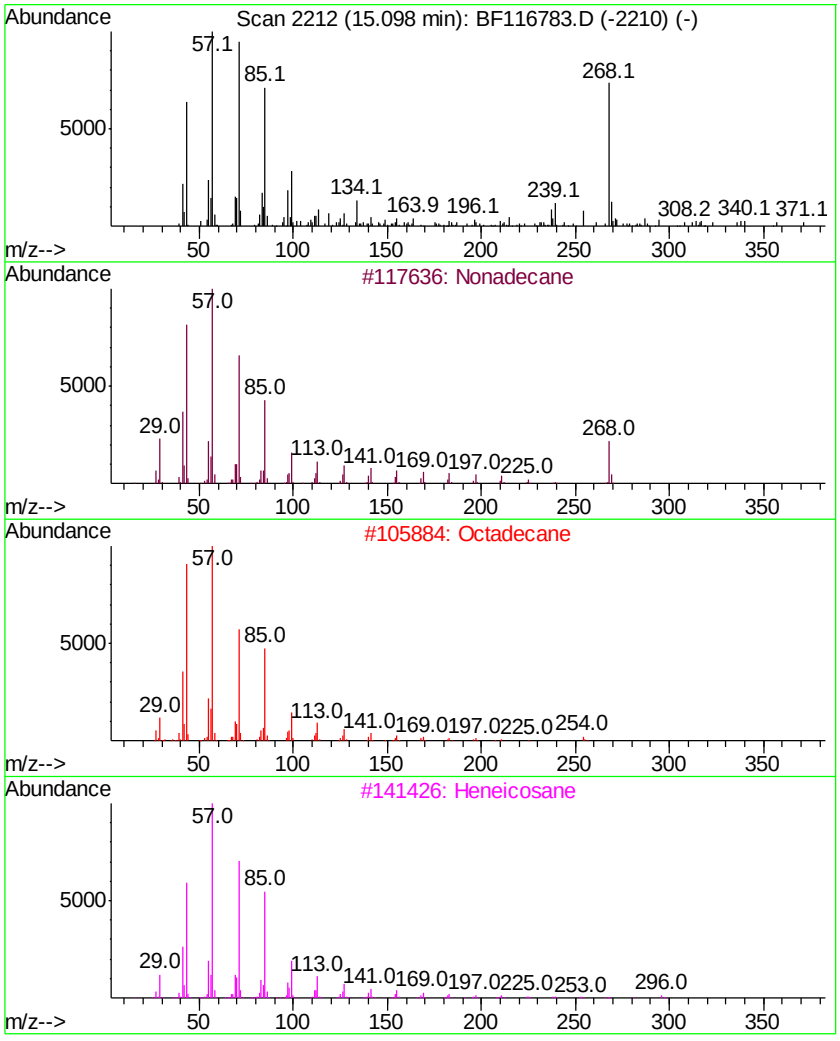
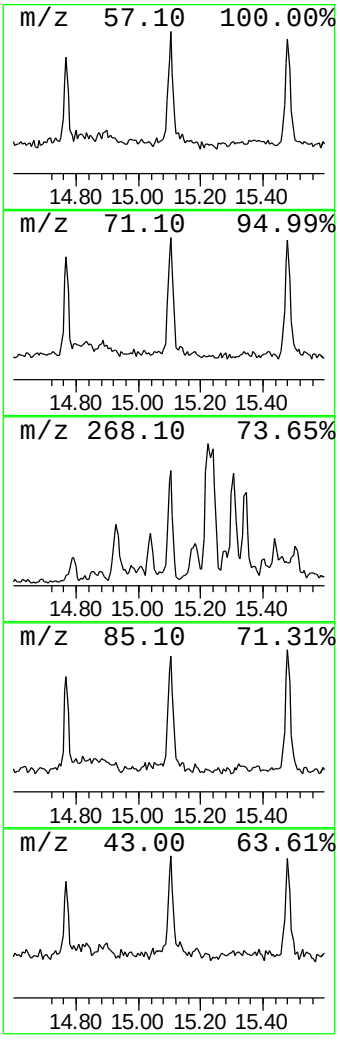
Peak Number 18 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.02 ng	184716	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Octadecane	254	C18H38	000593-45-3	83
3	Heneicosane	296	C21H44	000629-94-7	58
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53
5	Hexacosane	366	C26H54	000630-01-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

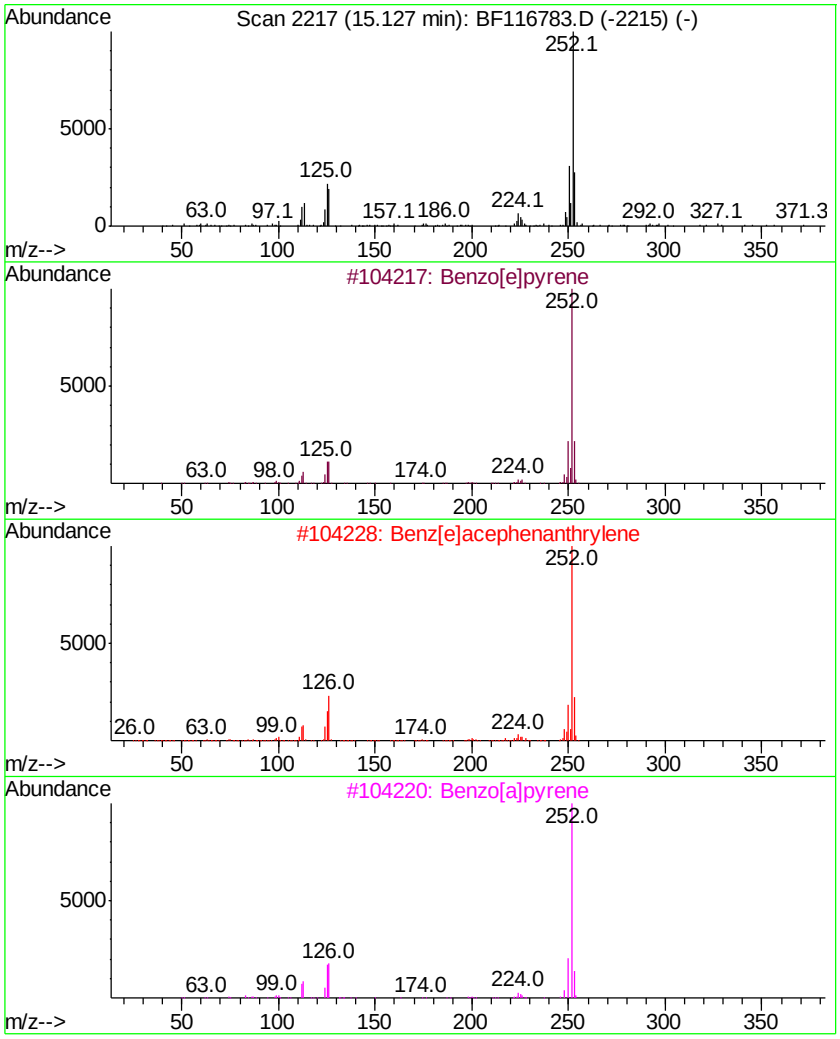
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

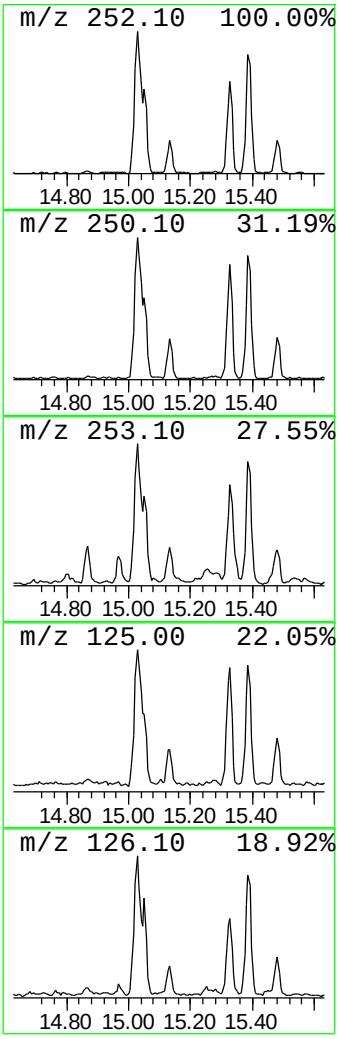
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.34 ng	199576	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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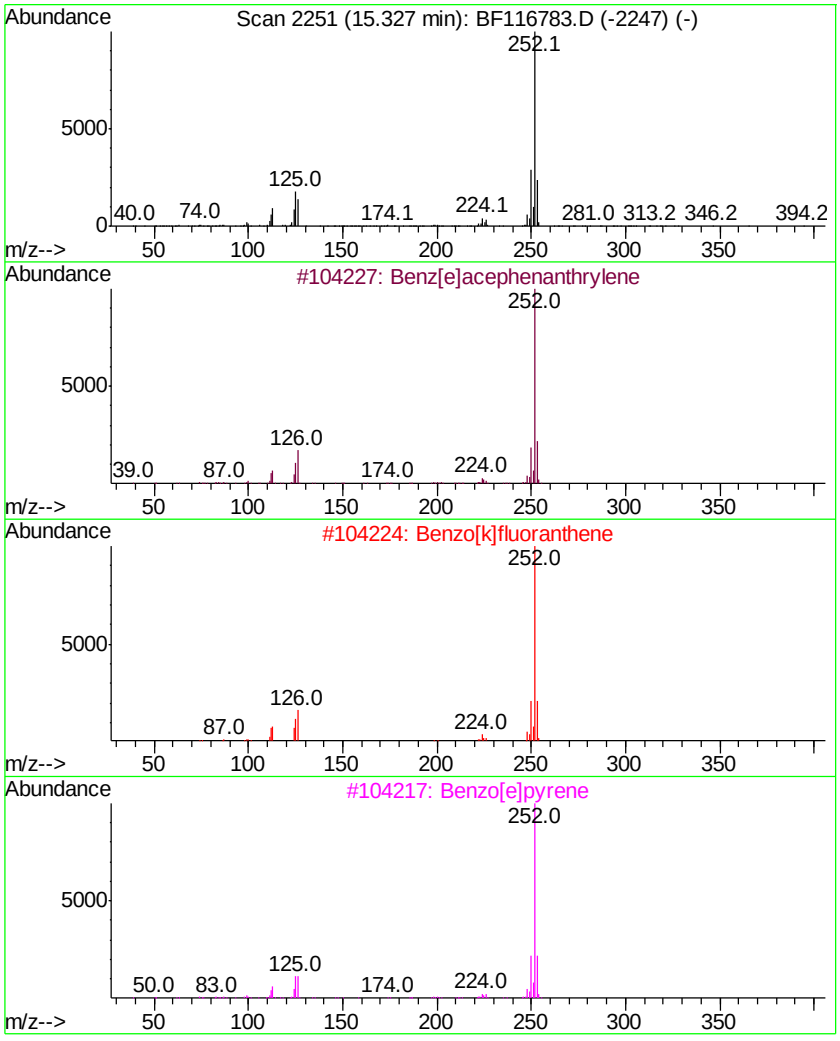
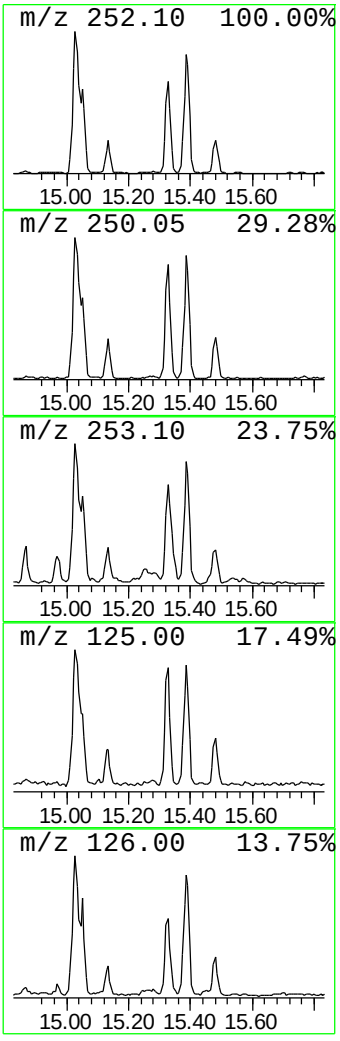
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	13.84 ng	636470	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090319\
Data File : BF116783.D
Acq On : 3 Sep 2019 20:06
Operator : HP/JU
Sample : K4554-55
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	68.8	ng	2610060	1	6.85	759227	20.0
Anthracene, 2-met...	11.86	4.6	ng	255413	4	11.36	1114870	20.0
Phenanthrene, 2-m...	11.89	11.9	ng	661765	4	11.36	1114870	20.0
4H-Cyclopenta[def...	11.97	7.2	ng	399839	4	11.36	1114870	20.0
1H-Cyclopropa[l]p...	12.00	3.0	ng	164848	4	11.36	1114870	20.0
Naphthalene, 2-ph...	12.16	2.8	ng	154490	4	11.36	1114870	20.0
Phenanthrene, 2,5...	12.41	3.3	ng	181092	4	11.36	1114870	20.0
unknown12.45	12.45	2.5	ng	138339	4	11.36	1114870	20.0
Octadecanoic acid	12.67	2.3	ng	126988	4	11.36	1114870	20.0
Pyrene, 1-methyl-	13.02	2.7	ng	241508	5	14.00	1817790	20.0
11H-Benzo[b]fluorene	13.13	3.0	ng	270360	5	14.00	1817790	20.0
Pyrene, 2-methyl-	13.23	2.4	ng	217126	5	14.00	1817790	20.0
Anthra(1,2-b)thio...	13.74	2.5	ng	224497	5	14.00	1817790	20.0
1-Heptacosanol	13.83	6.6	ng	602949	5	14.00	1817790	20.0
Heneicosane	14.77	2.5	ng	117045	6	15.45	919546	20.0
Nonadecane	15.10	4.0	ng	184716	6	15.45	919546	20.0
Benzo[e]pyrene	15.13	4.3	ng	199576	6	15.45	919546	20.0
Perylene	15.33	13.8	ng	636470	6	15.45	919546	20.0