LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
Operator : JU/SJ
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

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-BF120518.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	4.375	385	389	395	rVB	62940	74321	1.13%	0.082%
2	5.004	484	496	503	rBV	372665	489746	7.43%	0.543%
3	5.416	562	566	569	rBV	6880442	6059831	91.94%	6.713%
4	6.434	734	739	744	rBV	6267638	6591283	100.00%	7.302%
5	6.575	758	763	766	rBV	7048669	6204756	94.14%	6.874%
6	6.804	799	802	806	rBV	3633436	3176875	48.20%	3.519%
7	6.963	825	829	832	rBV	5897828	4685893	71.09%	5.191%
8	7.363	890	897	900	rBV	4720452	3910049	59.32%	4.332%
9	7.586	929	935	937	rBV3	53173	78854	1.20%	0.087%
10	7.828	971	976	980	rBV4	53730	75046	1.14%	0.083%
11	8.086	1016	1020	1023	rBV	5065105	4049514	61.44%	4.486%
12	8.110	1023	1024	1028	rVB	219142	115559	1.75%	0.128%
13	8.522	1091	1094	1099	rBV3	60842	79785	1.21%	0.088%
14	8.798	1136	1141	1144	rVB	269556	227350	3.45%	0.252%
15	8.898	1154	1158	1161	rVB	328100	257198	3.90%	0.285%
16	9.122	1193	1196	1199	rBV	93119	74916	1.14%	0.083%
17	9.163	1199	1203	1206	rBV	7328260	5731914	86.96%	6.350%
18	9.257	1216	1219	1222	rBV2	97639	115863	1.76%	0.128%
19	9.357	1234	1236	1241	rVB2	68221	88098	1.34%	0.098%
20	9.428	1244	1248	1251	rBV2	168958	223794	3.40%	0.248%
21	9.504	1257	1261	1263	rBV2	331189	360553	5.47%	0.399%
22	9.528	1263	1265	1267	rVB	188432	123661	1.88%	0.137%
23	9.557	1267	1270	1272	rBV	546167	442946	6.72%	0.491%
24	9.616	1278	1280	1285	rVB	146924	153854	2.33%	0.170%
25	9.698	1291	1294	1297	rBV	222076	187379	2.84%	0.208%
26	9.839	1313	1318	1321	rBV	3937957	3642755	55.27%	4.036%
27	9.875	1321	1324	1327	rVB	542743	461736	7.01%	0.512%
28	9.951	1334	1337	1341	rVB2	68445	82315	1.25%	0.091%
29	10.045	1349	1353	1356	rVB	411824	362895	5.51%	0.402%
30	10.086	1356	1360	1362	rBV	98077	87719	1.33%	0.097%
31	10.157	1368	1372	1375	rBV2	101397	117533	1.78%	0.130%
32	10.251	1384	1388	1389	rBV	65025	74236	1.13%	0.082%
33	10.386	1408	1411	1414	rBV	685390	525786	7.98%	0.582%
34	10.504	1428	1431	1435	rBV3	98033	122959	1.87%	0.136%

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Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.545	1435	1438	1443	rVB2	152654	171751	2.61%	0.190%
36	10.622	1448	1451	1456	rVB	3057588	2656869	40.31%	2.943%
37	10.757	1470	1474	1475	rBV3	89906	93237	1.41%	0.103%
38	10.933	1500	1504	1507	rBV2	157983	170115	2.58%	0.188%
39	10.963	1507	1509	1511	rVB2	101685	73464	1.11%	0.081%
40	11.016	1516	1518	1522	rVB	108423	79251	1.20%	0.088%
41	11.174	1543	1545	1548	rBV3	65431	79561	1.21%	0.088%
42	11.222	1548	1553	1554	rBV	169678	175536	2.66%	0.194%
43	11.322	1567	1570	1572	rBV	3241924	2797551	42.44%	3.099%
44	11.345	1572	1574	1578	rVV	3065108	2401548	36.44%	2.661%
45	11.398	1578	1583	1586	rVB	893188	767546	11.64%	0.850%
46	11.433	1586	1589	1592	rBV2	104726	116569	1.77%	0.129%
47	11.545	1606	1608	1612	rVB	187281	149085	2.26%	0.165%
48	11.651	1624	1626	1629	rVB	107648	90393	1.37%	0.100%
49	11.733	1638	1640	1644	rVB	99568	114611	1.74%	0.127%
50	11.827	1652	1656	1658	rBV	451777	420127	6.37%	0.465%
51	11.857	1658	1661	1665	rVV2	1519400	1423938	21.60%	1.577%
52	11.898	1665	1668	1671	rVV	276610	281122	4.27%	0.311%
53	11.933	1671	1674	1677	rVV	772316	867078	13.15%	0.961%
54	11.957	1677	1678	1683	rVB	362105	235403	3.57%	0.261%
55	12.121	1703	1706	1708	rBV	267947	238074	3.61%	0.264%
56	12.298	1734	1736	1738	rBV	123201	109042	1.65%	0.121%
57	12.321	1738	1740	1743	rVB2	132101	117843	1.79%	0.131%
58	12.374	1746	1749	1752	rVV	341533	345753	5.25%	0.383%
59	12.410	1752	1755	1757	rVV3	252109	286194	4.34%	0.317%
60	12.457	1761	1763	1768	rVB5	137658	199339	3.02%	0.221%
61	12.533	1773	1776	1780	rBV	3797988	3236195	49.10%	3.585%
62	12.580	1782	1784	1790	rVB4	87172	118663	1.80%	0.131%
63	12.639	1790	1794	1799	rBV2	553474	756978	11.48%	0.839%
64	12.763	1809	1815	1818	rBV	3474771	3543808	53.77%	3.926%
65	12.810	1821	1823	1828	rVB2	218984	339734	5.15%	0.376%
66	12.880	1833	1835	1837	rBV	204446	170426	2.59%	0.189%
67	12.910	1837	1840	1843	rVB	4628345	3806809	57.76%	4.217%
68	12.980	1849	1852	1855	rVB2	226882	251099	3.81%	0.278%
69	13.068	1864	1867	1868	rBV2	181842	181009	2.75%	0.201%
70	13.092	1868	1871	1874	rVB	645190	608357	9.23%	0.674%
71	13.157	1879	1882	1885	rBV2	627206	523507	7.94%	0.580%

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Misc :
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Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.192	1885	1888	1892	rBV	450642	477055	7.24%	0.529%
73	13.286	1901	1904	1906	rBV	333611	293978	4.46%	0.326%
74	13.316	1906	1909	1912	rBV	325607	354750	5.38%	0.393%
75	13.704	1972	1975	1979	rBV2	281908	410106	6.22%	0.454%
76	13.739	1979	1981	1982	rVV	227690	171244	2.60%	0.190%
77	13.757	1982	1984	1988	rVV2	182309	201417	3.06%	0.223%
78	13.815	1991	1994	2000	rVB	765840	805844	12.23%	0.893%
79	13.957	2013	2018	2021	rBV2	3463885	4444075	67.42%	4.923%
80	13.986	2021	2023	2030	rVB	1388108	1197677	18.17%	1.327%
81	14.063	2034	2036	2039	rVB	281175	204342	3.10%	0.226%
82	14.986	2189	2193	2196	rBV	837802	1289247	19.56%	1.428%
83	15.274	2239	2242	2248	rVB	626491	754550	11.45%	0.836%
84	15.339	2249	2253	2257	rBV	755037	888082	13.47%	0.984%
85	15.398	2259	2263	2266	rBV	1540191	1718691	26.08%	1.904%

Sum of corrected areas: 90265615

LSC Report - Integrated Chromatogram

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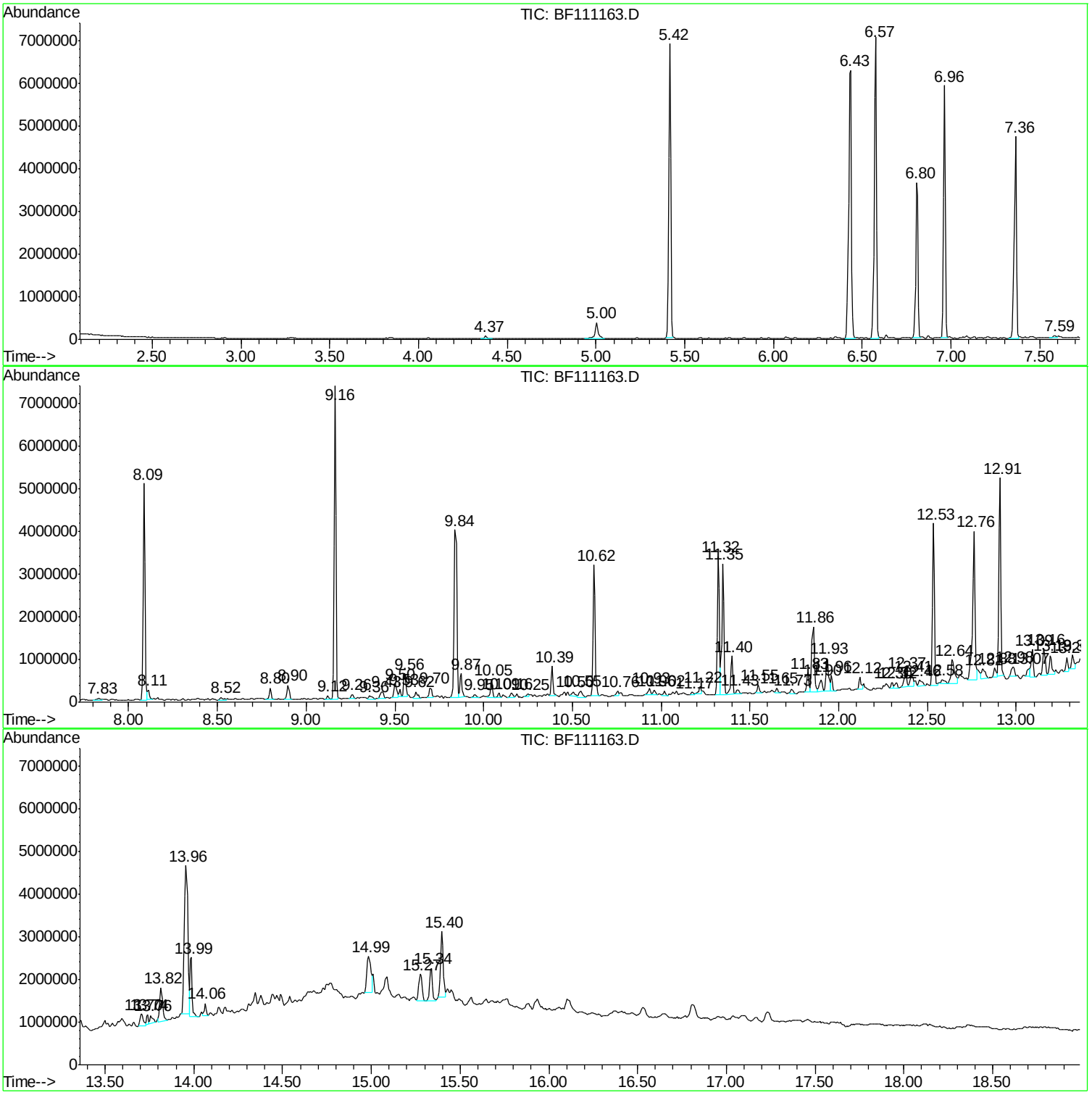
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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\BF120618\
Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
Operator : JU/SJ
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

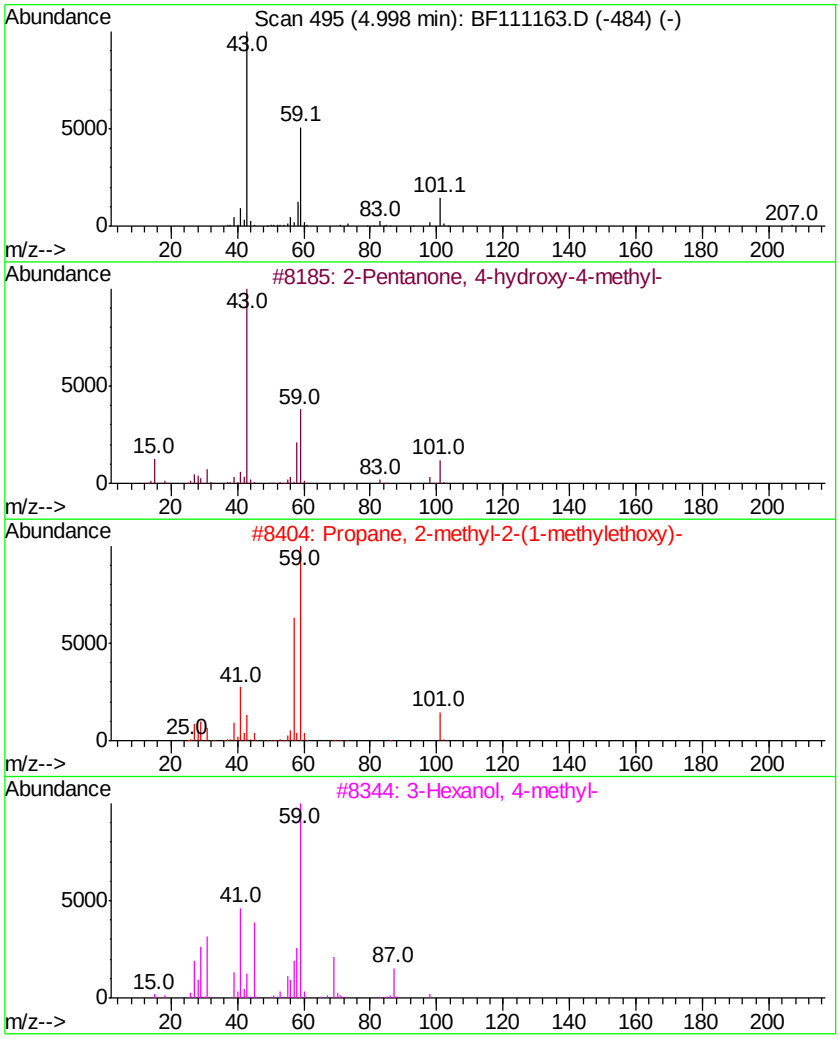
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

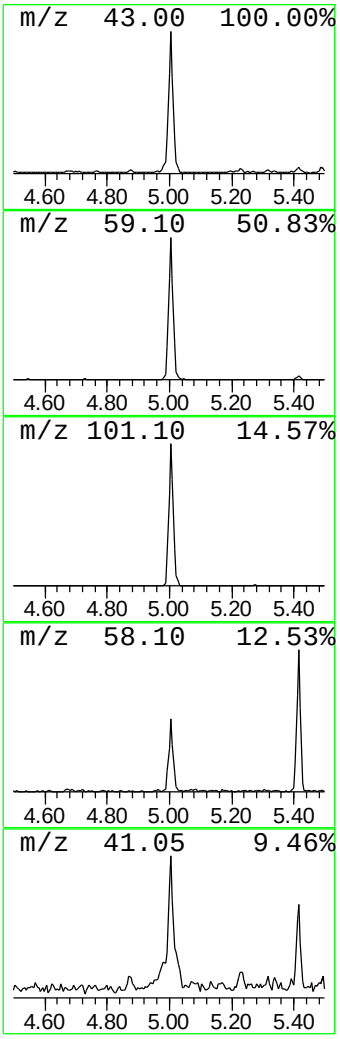
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.08 ng	489746	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Misc :
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Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

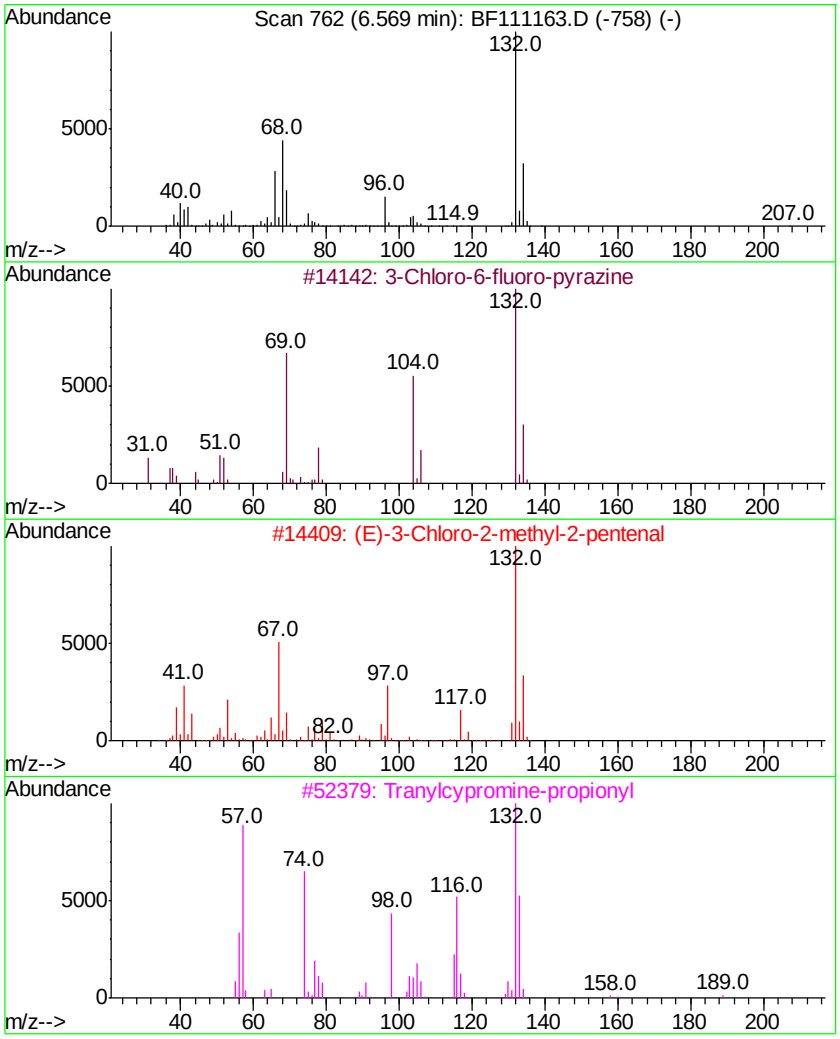
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

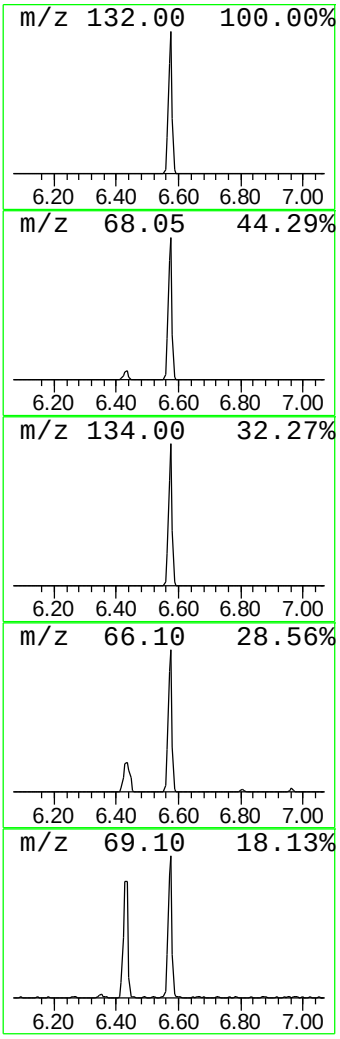
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	39.06 ng	6204760	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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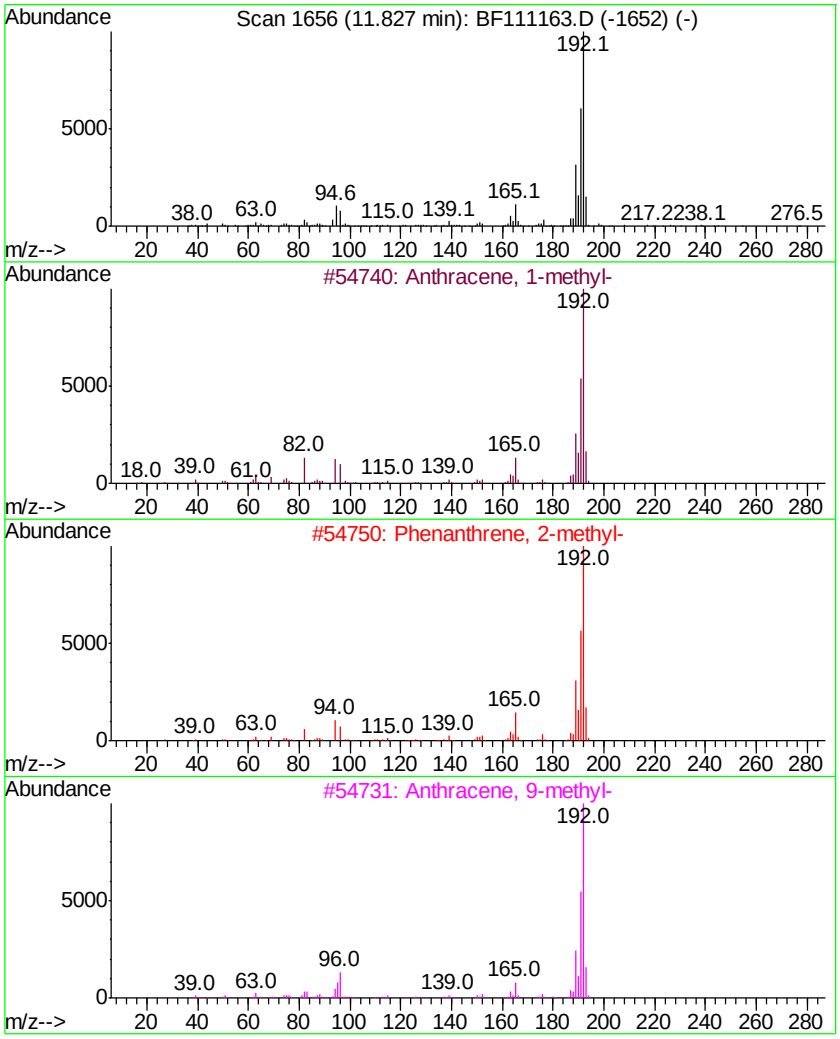
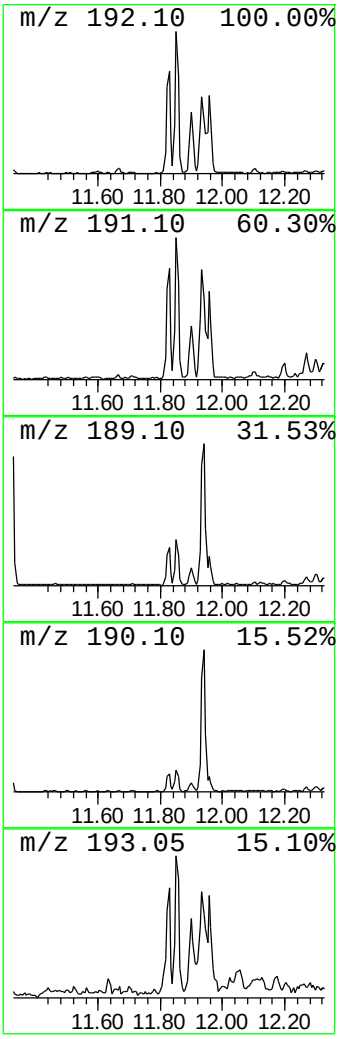
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.00 ng	420127	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
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TIC Library : C:\DATABASE\NIST11.L
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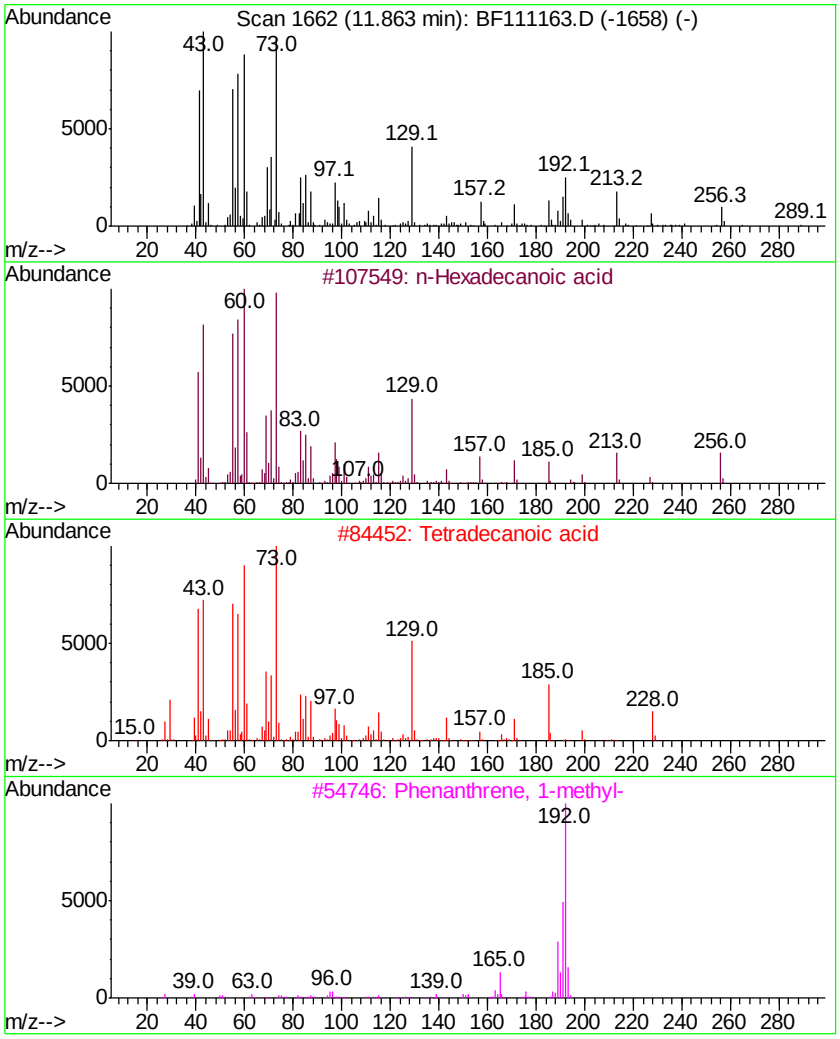
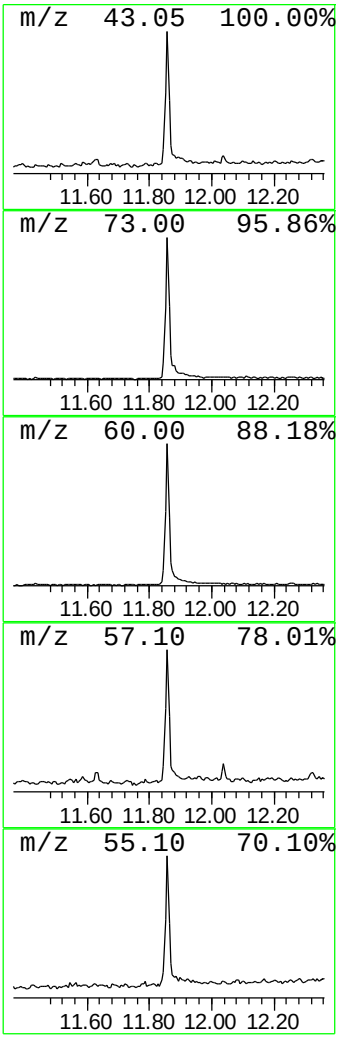
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	10.18 ng	1423940	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Library Search Compound Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

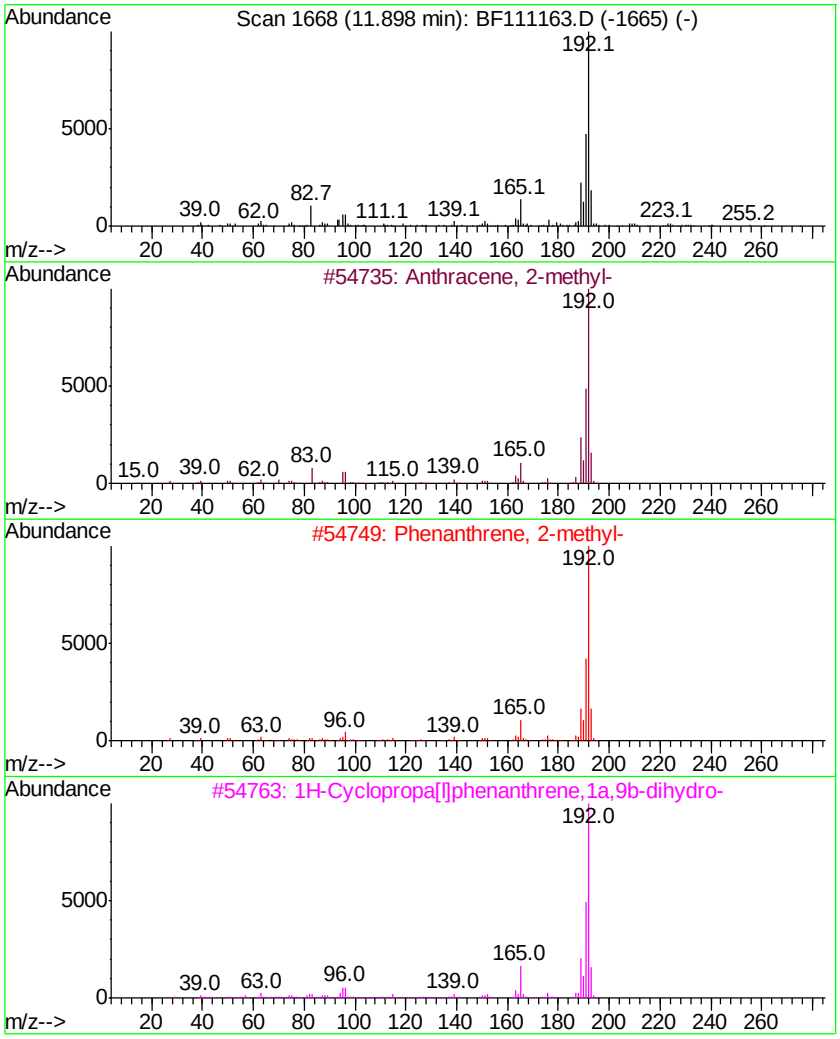
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

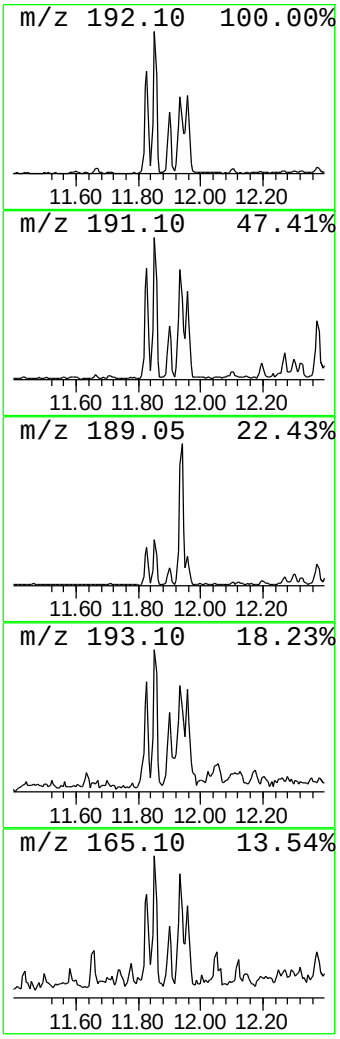
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.01 ng	281122	Phenanthrene-d10	11.32

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 7 Dec 2018 2:44
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Sample : J6195-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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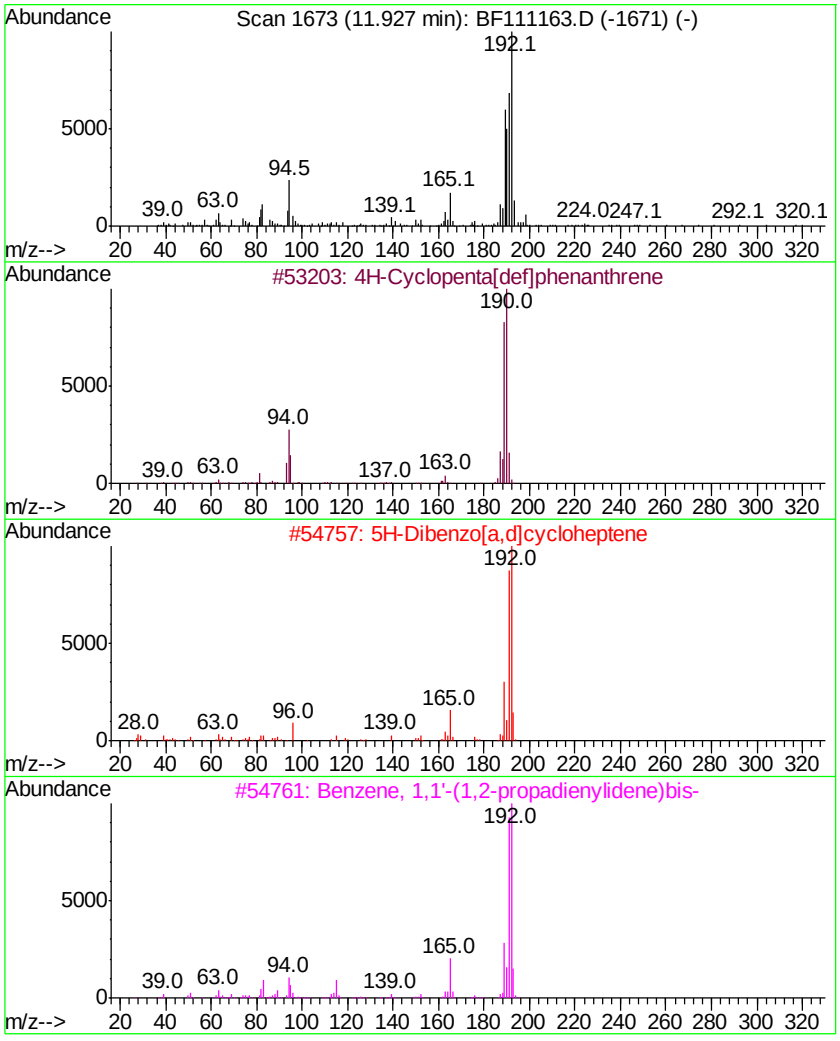
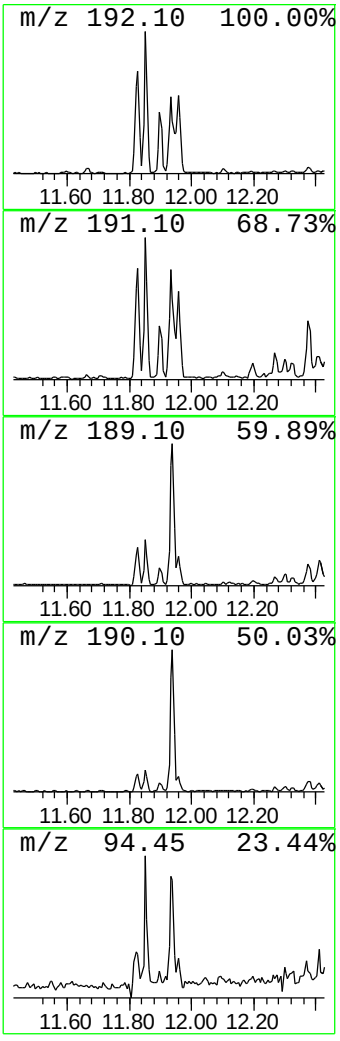
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.20 ng	867078	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35





Library Search Compound Report

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Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
Operator : JU/SJ
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

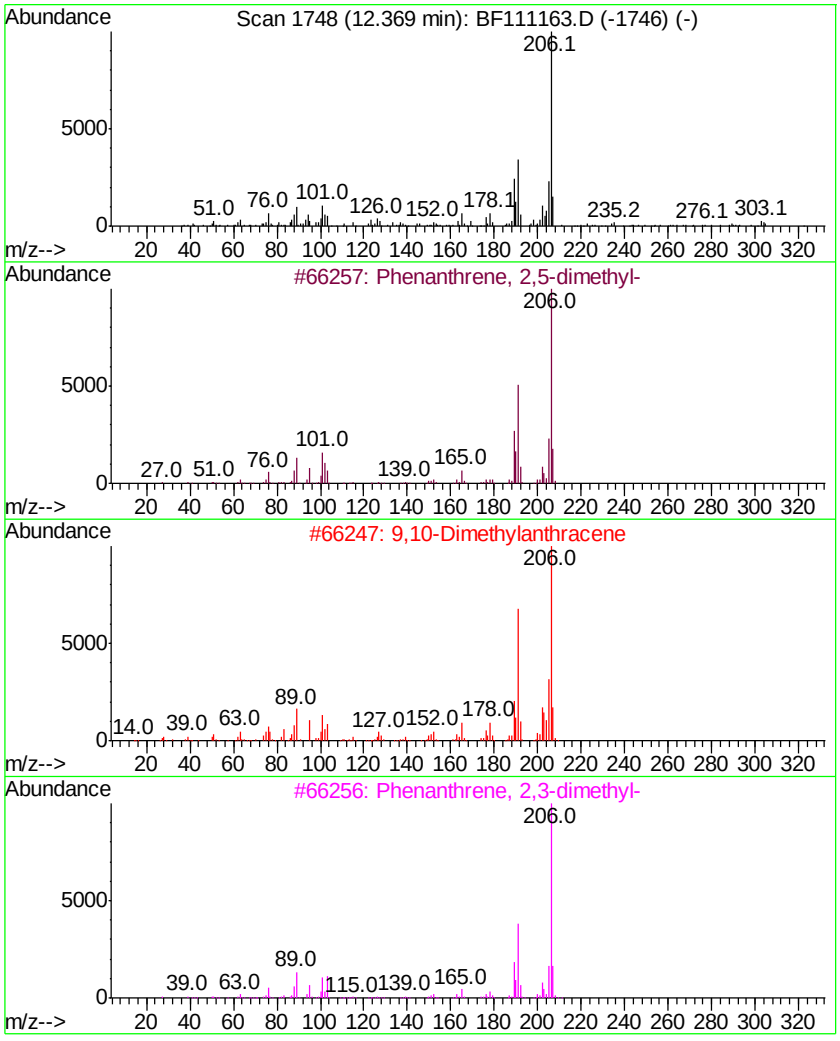
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

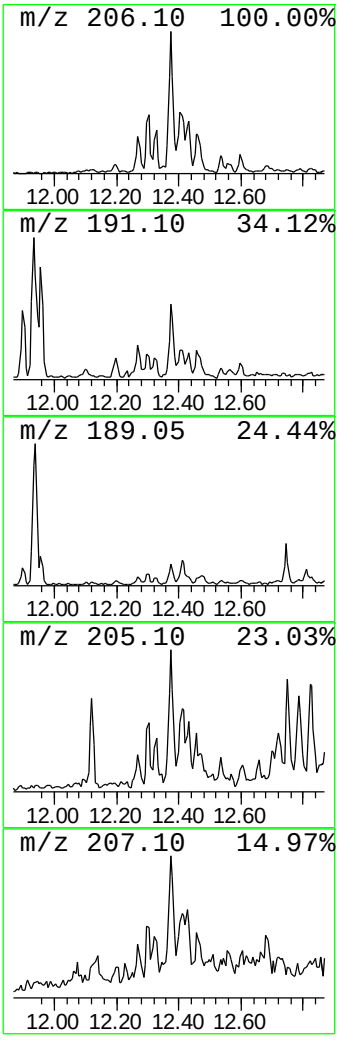
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.47 ng	345753	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Library Search Compound Report

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Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
Operator : JU/SJ
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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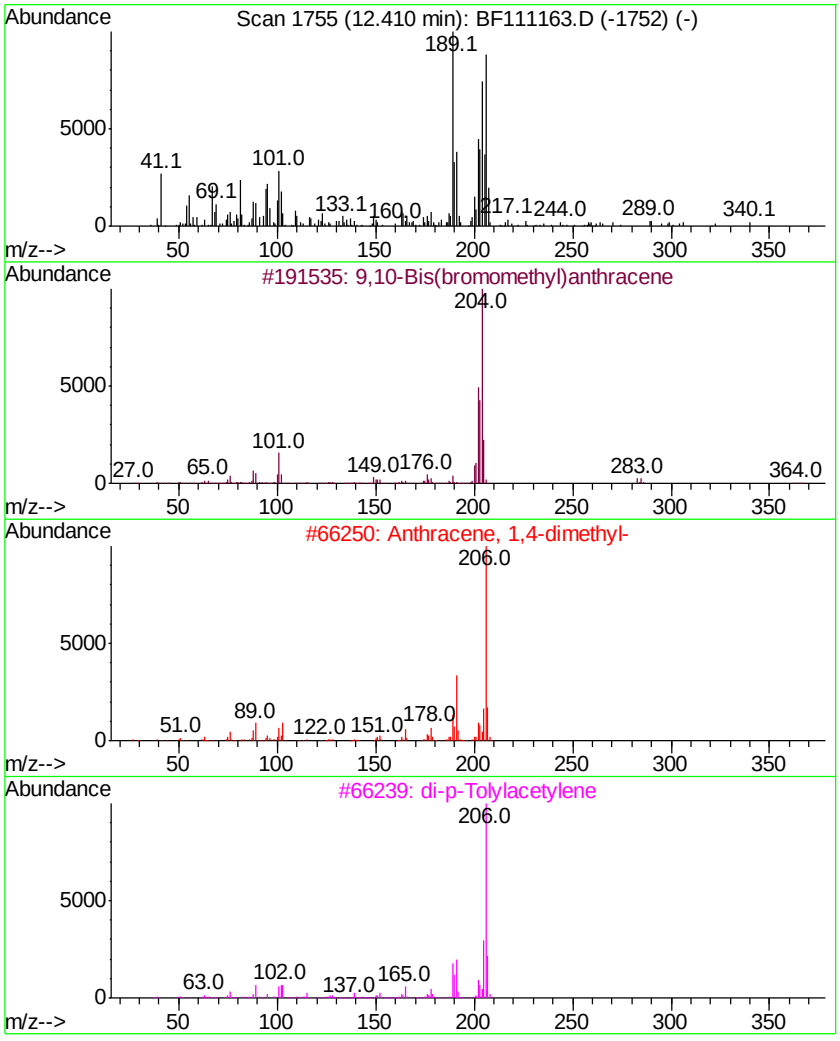
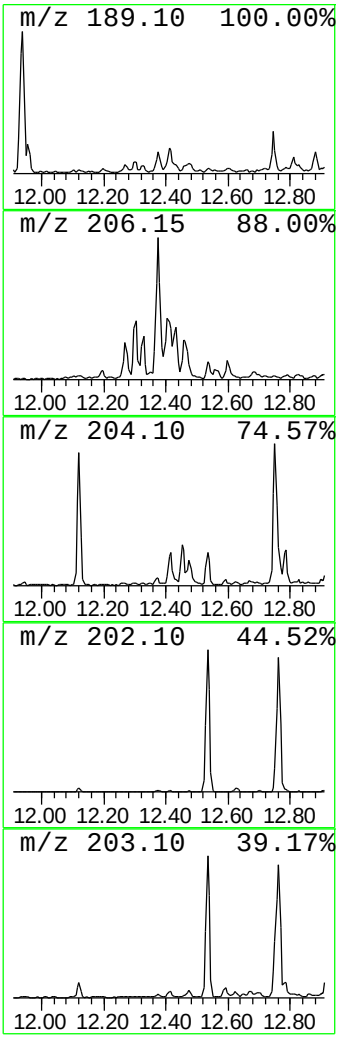
Peak Number 9 unknown12.41 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.05 ng	286194	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





Library Search Compound Report

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Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
Operator : JU/SJ
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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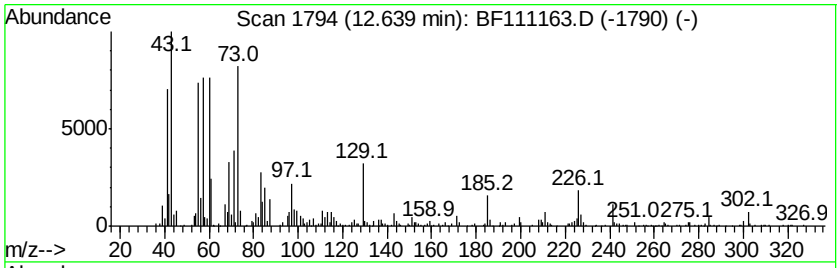
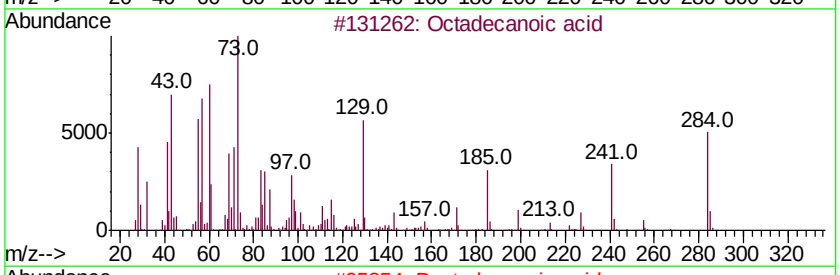
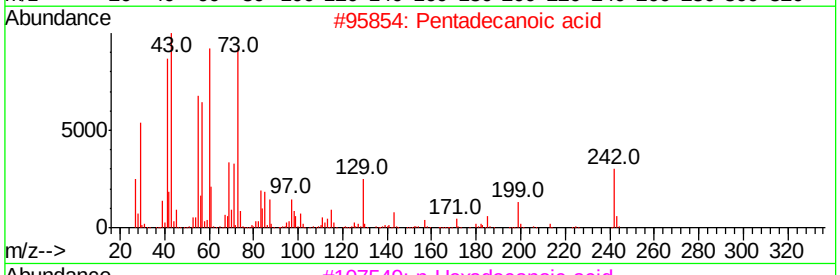
Peak Number 10 Octadecanoic acid Concentration Rank 6

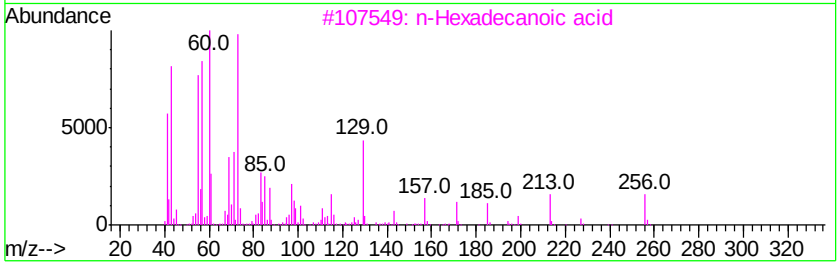
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.41 ng	756978	Phenanthrene-d10	11.32

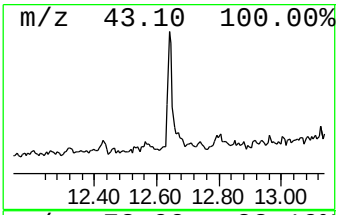
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62

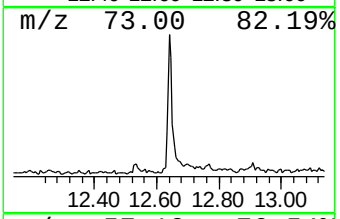


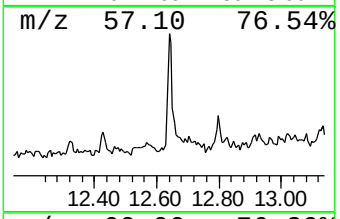


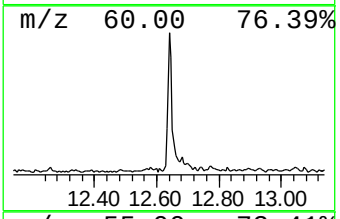


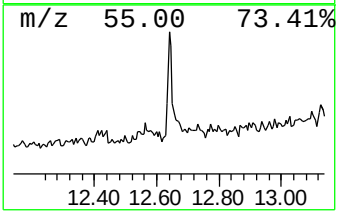












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
Operator : JU/SJ
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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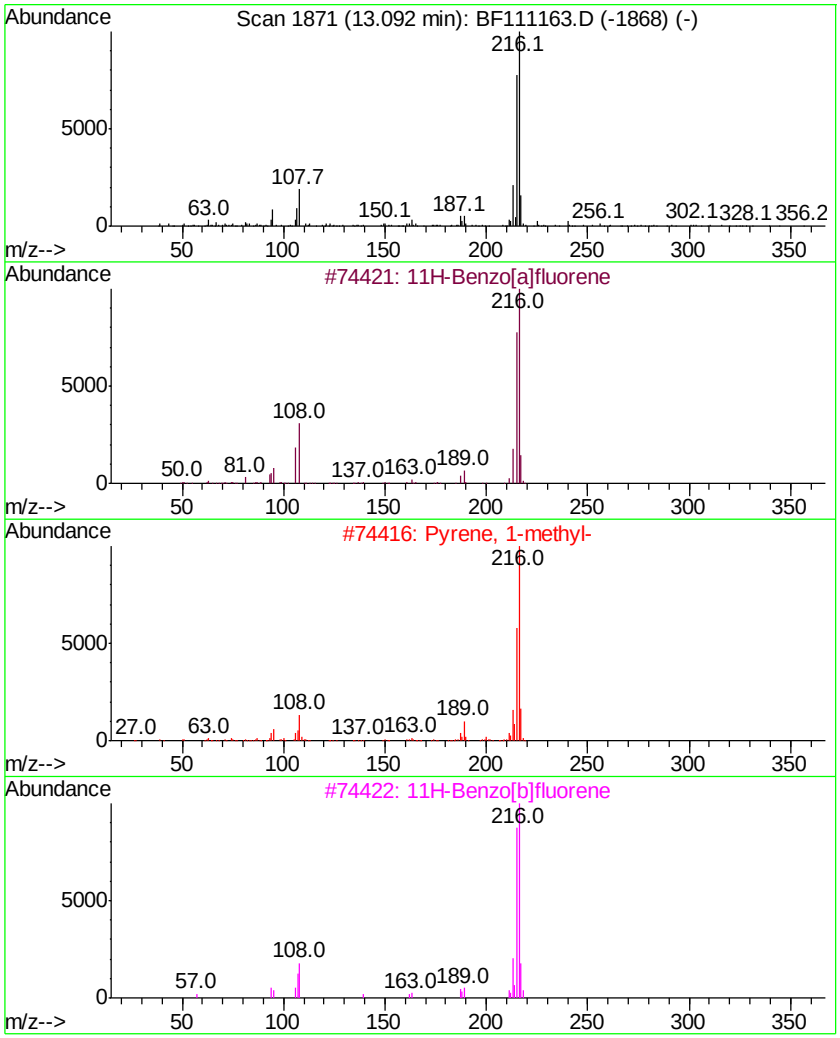
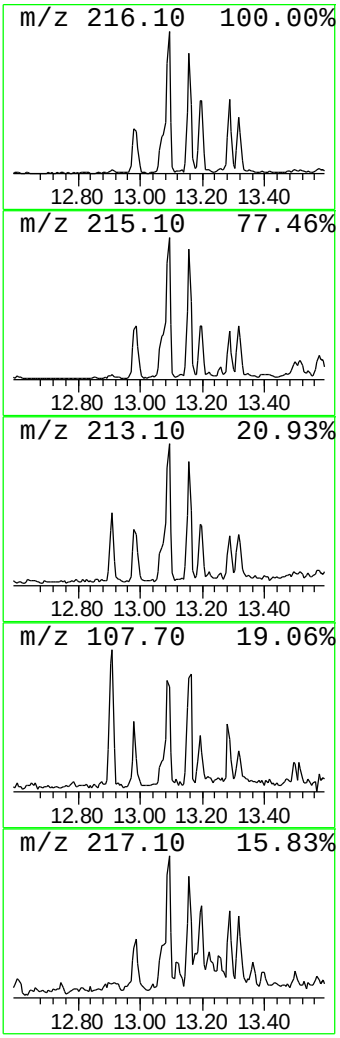
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.74 ng	608357	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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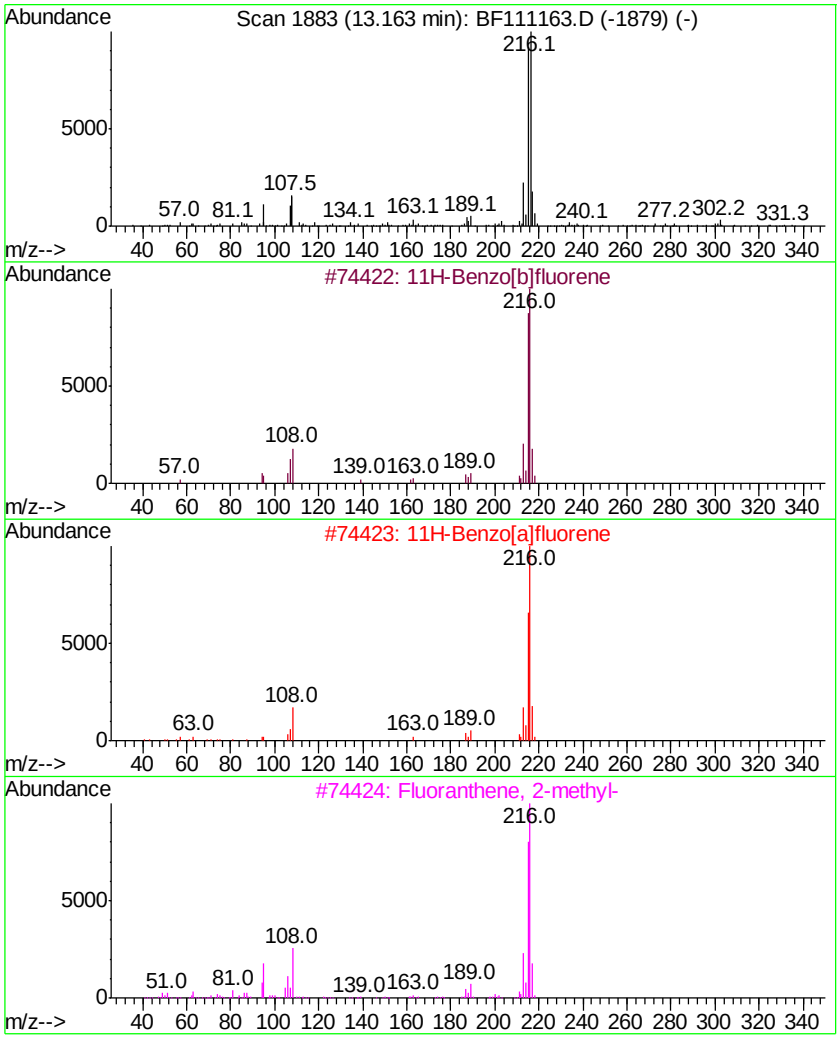
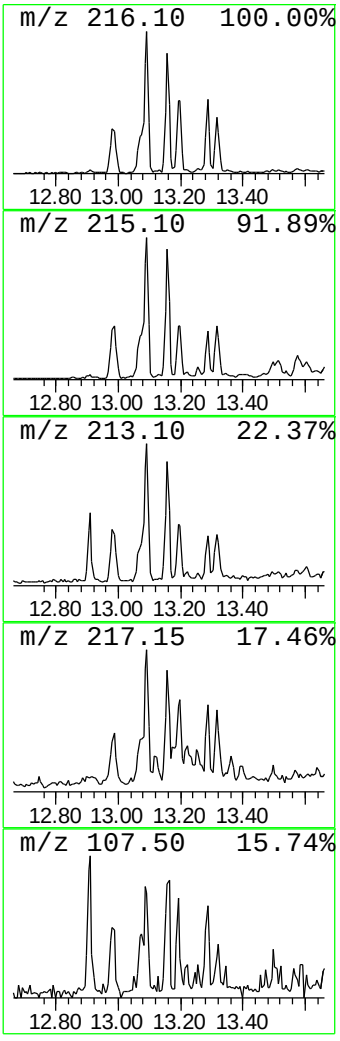
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.36 ng	523507	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





Library Search Compound Report

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Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
Operator : JU/SJ
Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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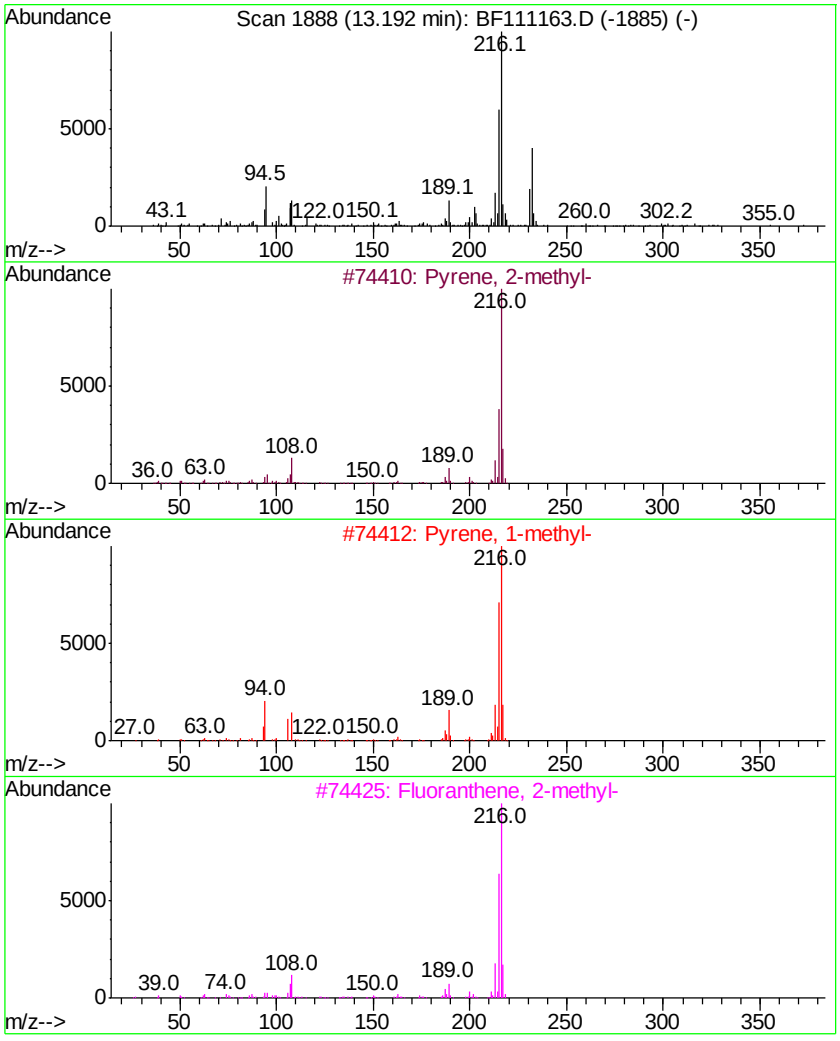
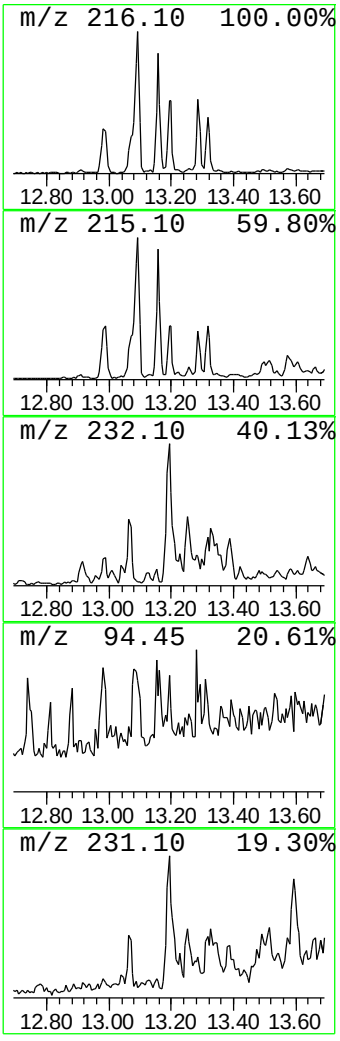
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.15 ng	477055	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46





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Acq On : 7 Dec 2018 2:44
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Sample : J6195-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-120518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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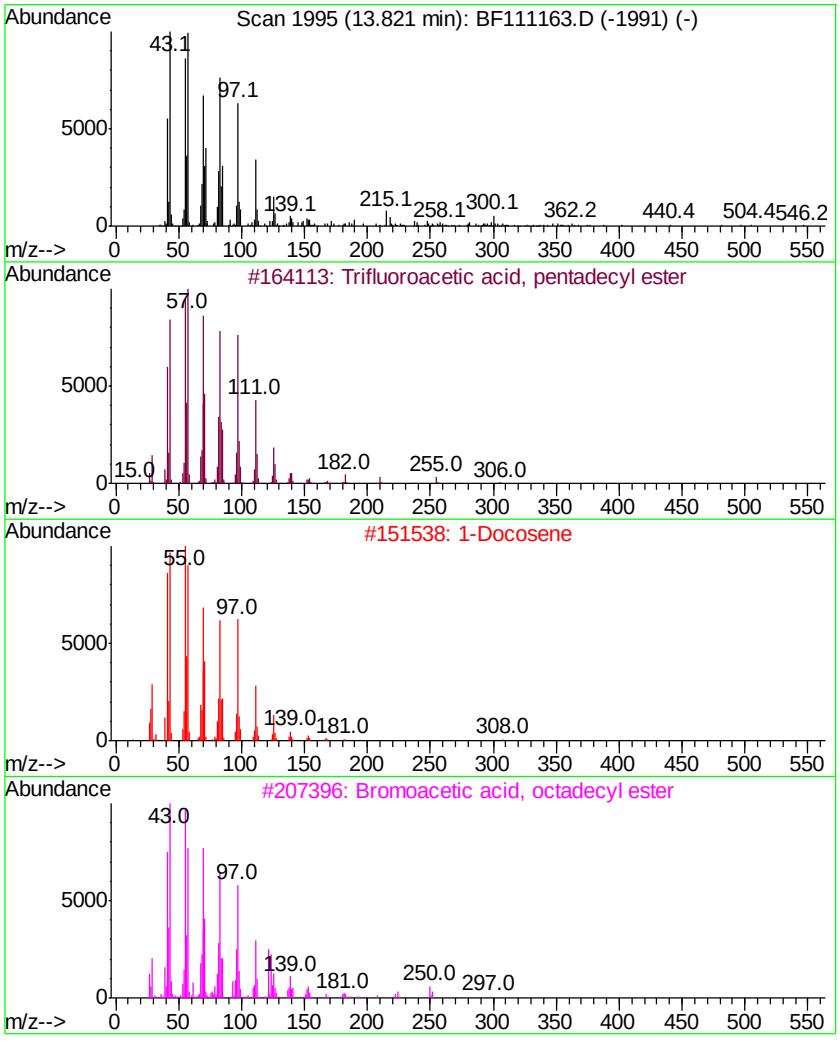
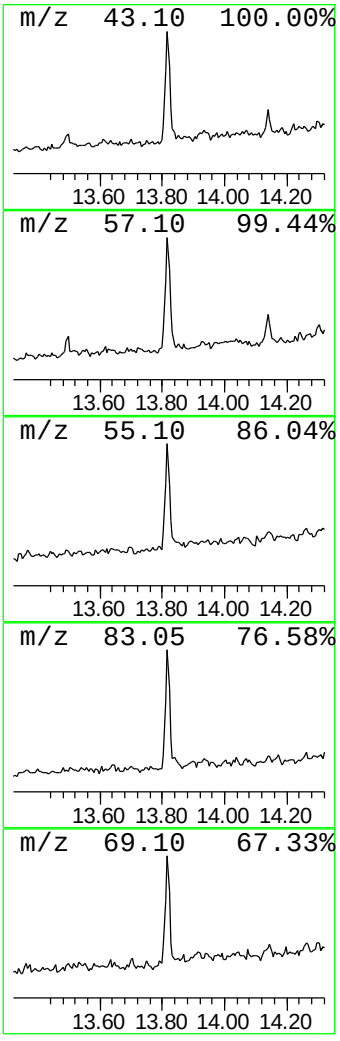
Peak Number 14 Trifluoroacetic acid, penta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.63 ng	805844	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	91
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
Data File : BF111163.D
Acq On : 7 Dec 2018 2:44
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.1	ng	489746	1	6.80	3176880	20.0
unknown6.57	6.57	39.1	ng	6204760	1	6.80	3176880	20.0
Anthracene, 1-met...	11.83	3.0	ng	420127	4	11.32	2797550	20.0
n-Hexadecanoic acid	11.86	10.2	ng	1423940	4	11.32	2797550	20.0
Anthracene, 2-met...	11.90	2.0	ng	281122	4	11.32	2797550	20.0
4H-Cyclopenta[def...	11.93	6.2	ng	867078	4	11.32	2797550	20.0
Phenanthrene, 2,5...	12.37	2.5	ng	345753	4	11.32	2797550	20.0
unknown12.41	12.41	2.0	ng	286194	4	11.32	2797550	20.0
Octadecanoic acid	12.64	5.4	ng	756978	4	11.32	2797550	20.0
11H-Benzo[a]fluorene	13.09	2.7	ng	608357	5	13.96	4444080	20.0
11H-Benzo[b]fluorene	13.16	2.4	ng	523507	5	13.96	4444080	20.0
Pyrene, 2-methyl-	13.19	2.1	ng	477055	5	13.96	4444080	20.0
Trifluoroacetic a...	13.82	3.6	ng	805844	5	13.96	4444080	20.0