LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

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-BF111319.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	2.169	9	14	22	rVB	287953	373015	7.44%	0.734%
2	5.116	507	515	521	rBV	296812	297339	5.93%	0.585%
3	5.522	579	584	587	rBV	1826133	1702788	33.97%	3.349%
4	6.528	751	755	768	rBV	2159250	1930172	38.50%	3.797%
5	6.681	777	781	784	rBV	2210745	1925879	38.42%	3.788%
6	6.916	817	821	824	rBV	1657035	1328052	26.49%	2.612%
7	7.069	843	847	851	rBV	1836770	1503959	30.00%	2.958%
8	7.475	912	916	919	rBV	1285248	1126089	22.46%	2.215%
9	8.204	1036	1040	1042	rBV	2103797	1761583	35.14%	3.465%
10	8.222	1042	1043	1047	rVB	151746	98296	1.96%	0.193%
11	8.916	1158	1161	1164	rBV	153243	113940	2.27%	0.224%
12	9.016	1174	1178	1186	rVB	140546	119422	2.38%	0.235%
13	9.280	1219	1223	1226	rBV	2886674	2228398	44.45%	4.383%
14	9.551	1264	1269	1272	rBV	74918	96666	1.93%	0.190%
15	9.621	1277	1281	1283	rVV	144699	130388	2.60%	0.256%
16	9.645	1283	1285	1287	rVV2	77324	67006	1.34%	0.132%
17	9.674	1287	1290	1297	rVB	239707	242667	4.84%	0.477%
18	9.739	1297	1301	1306	rBV	73340	86385	1.72%	0.170%
19	9.822	1312	1315	1323	rVB	258727	229924	4.59%	0.452%
20	9.963	1336	1339	1343	rVV	2195376	1967867	39.26%	3.871%
21	9.998	1343	1345	1348	rVB	215383	155889	3.11%	0.307%
22	10.169	1368	1374	1378	rBV2	173315	171348	3.42%	0.337%
23	10.280	1389	1393	1396	rBV2	51972	63517	1.27%	0.125%
24	10.374	1404	1409	1411	rBV3	54080	73970	1.48%	0.145%
25	10.510	1429	1432	1439	rVB	225798	229716	4.58%	0.452%
26	10.580	1439	1444	1446	rBV2	57344	76690	1.53%	0.151%
27	10.669	1454	1459	1463	rVB3	55930	67697	1.35%	0.133%
28	10.751	1468	1473	1477	rBV	1235380	1057097	21.09%	2.079%
29	10.880	1490	1495	1501	rVB4	78669	102263	2.04%	0.201%
30	11.063	1521	1526	1529	rBV3	70421	89278	1.78%	0.176%
31	11.192	1543	1548	1550	rBV4	37296	51687	1.03%	0.102%
32	11.257	1556	1559	1563	rVB3	54094	62008	1.24%	0.122%
33	11.351	1573	1575	1580	rVB	129402	119283	2.38%	0.235%
34	11.457	1589	1593	1595	rBV	2190922	1879621	37.50%	3.697%

LSC Area Percent Report

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Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.480	1595	1597	1600	rVV	1596669	1203968	24.02%	2.368%
36	11.533	1601	1606	1609	rVV	465927	417776	8.33%	0.822%
37	11.563	1609	1611	1615	rVB2	52880	59223	1.18%	0.116%
38	11.686	1626	1632	1634	rBV	133754	153285	3.06%	0.302%
39	11.786	1647	1649	1655	rVB2	53036	50253	1.00%	0.099%
40	11.986	1672	1683	1689	rBV	2225516	2765472	55.17%	5.440%
41	12.033	1689	1691	1694	rVV	185138	205752	4.10%	0.405%
42	12.074	1694	1698	1700	rVV2	401256	460258	9.18%	0.905%
43	12.092	1700	1701	1705	rVB	170567	138202	2.76%	0.272%
44	12.257	1726	1729	1731	rBV	135386	110559	2.21%	0.217%
45	12.280	1731	1733	1736	rVB2	108354	95412	1.90%	0.188%
46	12.510	1769	1772	1775	rBV	174473	176481	3.52%	0.347%
47	12.551	1775	1779	1781	rVV	100711	128962	2.57%	0.254%
48	12.598	1784	1787	1791	rBV2	107359	118578	2.37%	0.233%
49	12.674	1796	1800	1806	rBV	1918547	1753172	34.97%	3.448%
50	12.780	1812	1818	1825	rBV	3939467	5012877	100.00%	9.860%
51	12.904	1834	1839	1845	rVB	1612291	1676936	33.45%	3.298%
52	12.957	1845	1848	1853	rVB2	103217	139219	2.78%	0.274%
53	13.021	1857	1859	1860	rBV	73805	57783	1.15%	0.114%
54	13.045	1860	1863	1871	rVB	2125070	1912462	38.15%	3.762%
55	13.121	1872	1876	1880	rBV3	134976	215450	4.30%	0.424%
56	13.210	1888	1891	1892	rBV3	111931	122688	2.45%	0.241%
57	13.233	1892	1895	1898	rVB	300662	295252	5.89%	0.581%
58	13.298	1904	1906	1909	rVB	195561	158068	3.15%	0.311%
59	13.339	1909	1913	1916	rBV2	206724	219017	4.37%	0.431%
60	13.433	1926	1929	1931	rBV	125347	107106	2.14%	0.211%
61	13.462	1931	1934	1937	rVV	146482	134672	2.69%	0.265%
62	13.498	1937	1940	1944	rVB4	57156	67804	1.35%	0.133%
63	13.739	1979	1981	1985	rVB	122723	129311	2.58%	0.254%
64	13.857	1996	2001	2003	rBV2	146078	217607	4.34%	0.428%
65	13.880	2003	2005	2007	rVV	99268	80316	1.60%	0.158%
66	13.904	2007	2009	2013	rBV2	100404	130375	2.60%	0.256%
67	13.951	2014	2017	2019	rBV2	108576	119013	2.37%	0.234%
68	14.104	2038	2043	2046	rBV2	1848171	2433693	48.55%	4.787%
69	14.133	2046	2048	2054	rVB	741476	653884	13.04%	1.286%
70	14.209	2059	2061	2064	rBV	123616	93594	1.87%	0.184%
71	14.245	2065	2067	2068	rBV	75512	54532	1.09%	0.107%

LSC Area Percent Report

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Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.268	2068	2071	2073	rVB	115189	97269	1.94%	0.191%
73	14.456	2101	2103	2105	rBV2	82290	79866	1.59%	0.157%
74	14.492	2107	2109	2112	rVV	221616	185318	3.70%	0.365%
75	14.527	2112	2115	2117	rVV	143810	128808	2.57%	0.253%
76	14.574	2120	2123	2128	rVB4	256290	295138	5.89%	0.581%
77	14.621	2128	2131	2133	rBV	134034	141617	2.83%	0.279%
78	14.892	2174	2177	2181	rBV	381822	371931	7.42%	0.732%
79	15.168	2220	2224	2227	rBV	635323	987801	19.71%	1.943%
80	15.245	2234	2237	2240	rBV	400479	427500	8.53%	0.841%
81	15.280	2240	2243	2246	rVB	162009	179787	3.59%	0.354%
82	15.480	2274	2277	2283	rVB	404866	497916	9.93%	0.979%
83	15.545	2284	2288	2295	rVV	627487	825283	16.46%	1.623%
84	15.615	2295	2300	2303	rVV	1048286	1398867	27.91%	2.752%
85	15.645	2303	2305	2312	rVB2	573257	701946	14.00%	1.381%
86	16.109	2380	2384	2388	rVB2	211156	288234	5.75%	0.567%
87	17.139	2554	2559	2568	rVB2	248430	510183	10.18%	1.004%
88	17.597	2634	2637	2643	rVB	190662	323753	6.46%	0.637%

Sum of corrected areas: 50840128

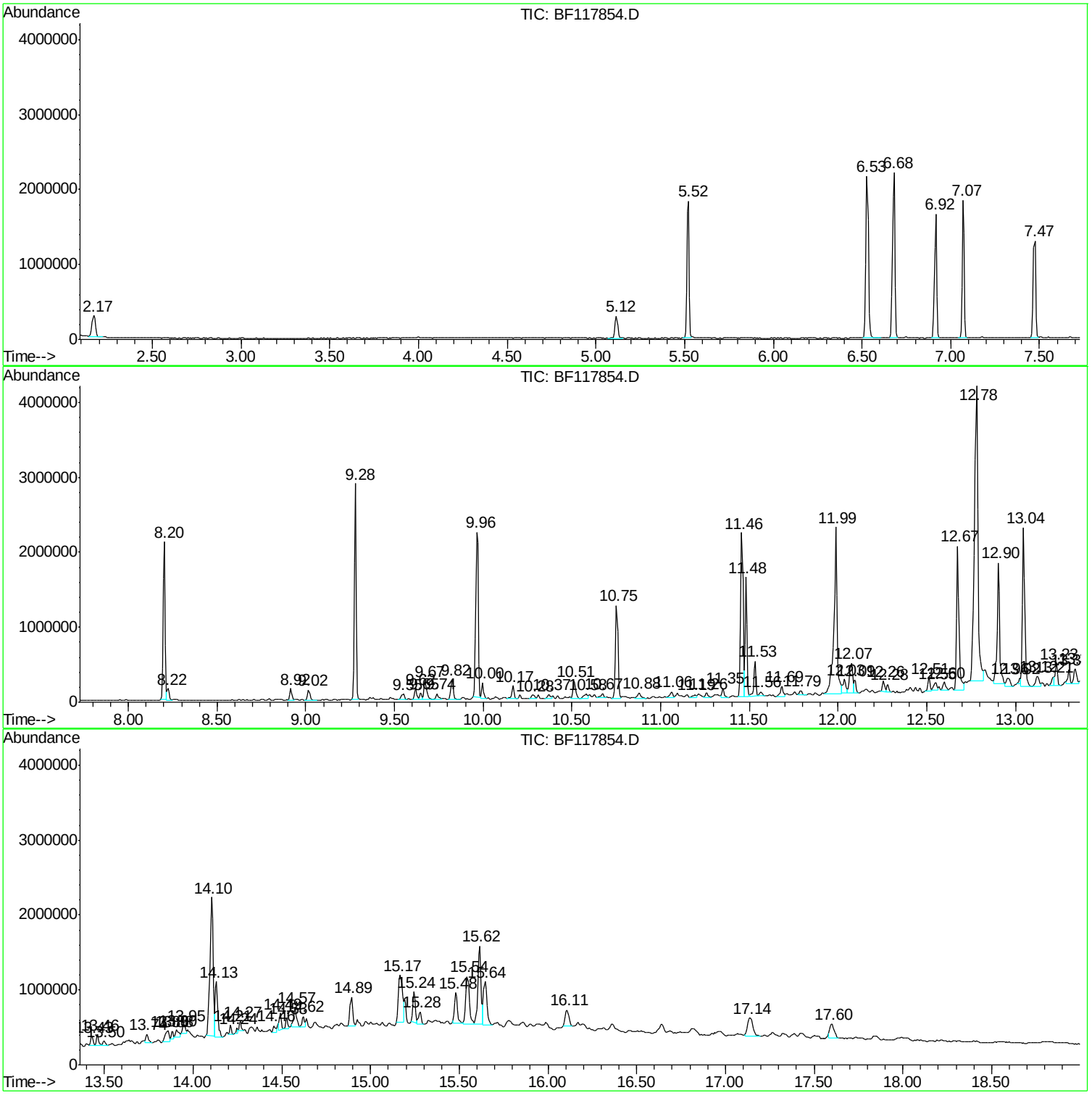
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

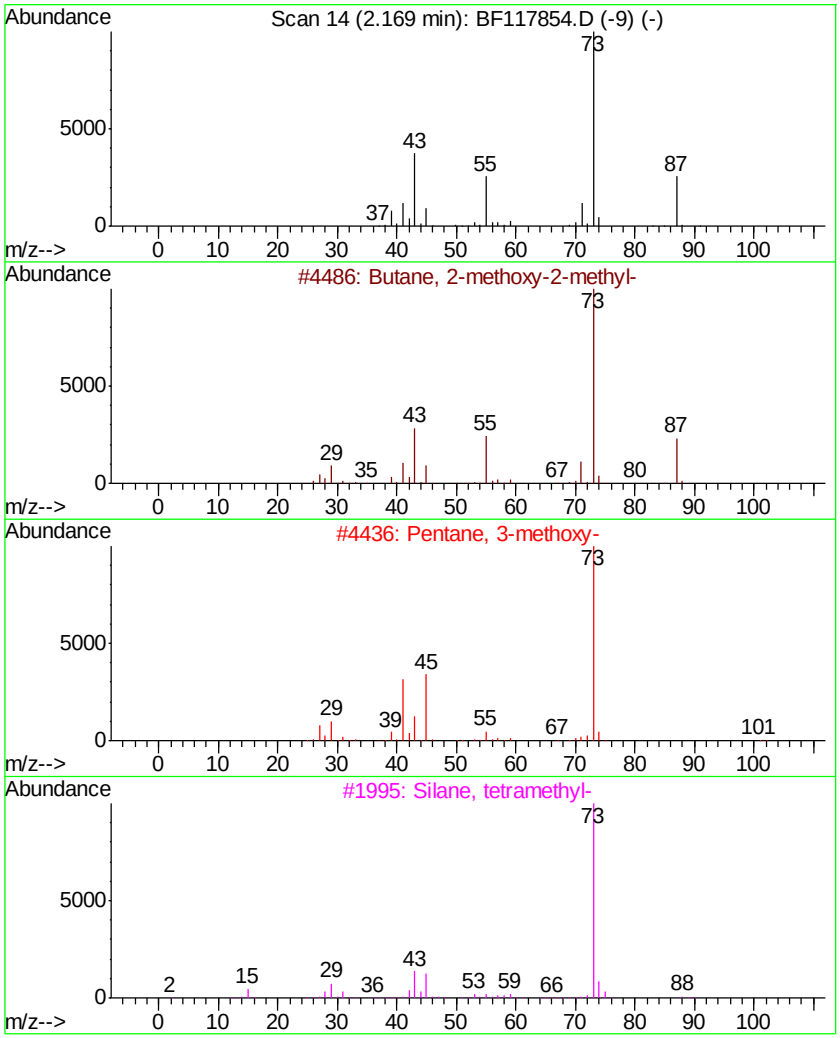
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

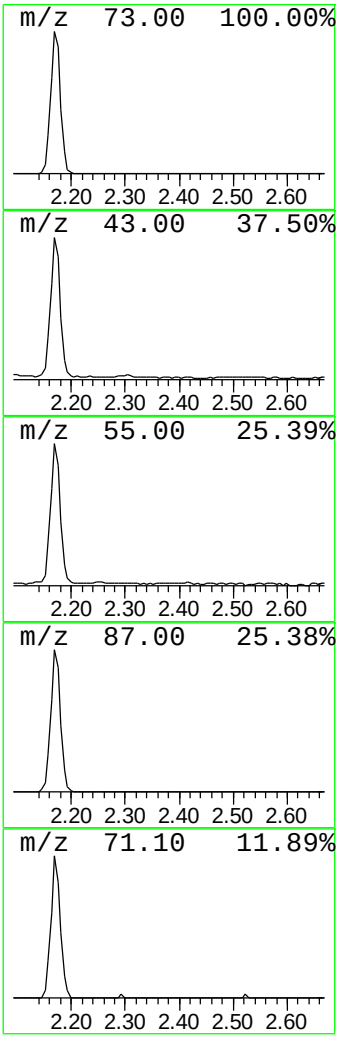
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	5.62 ng	373015	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

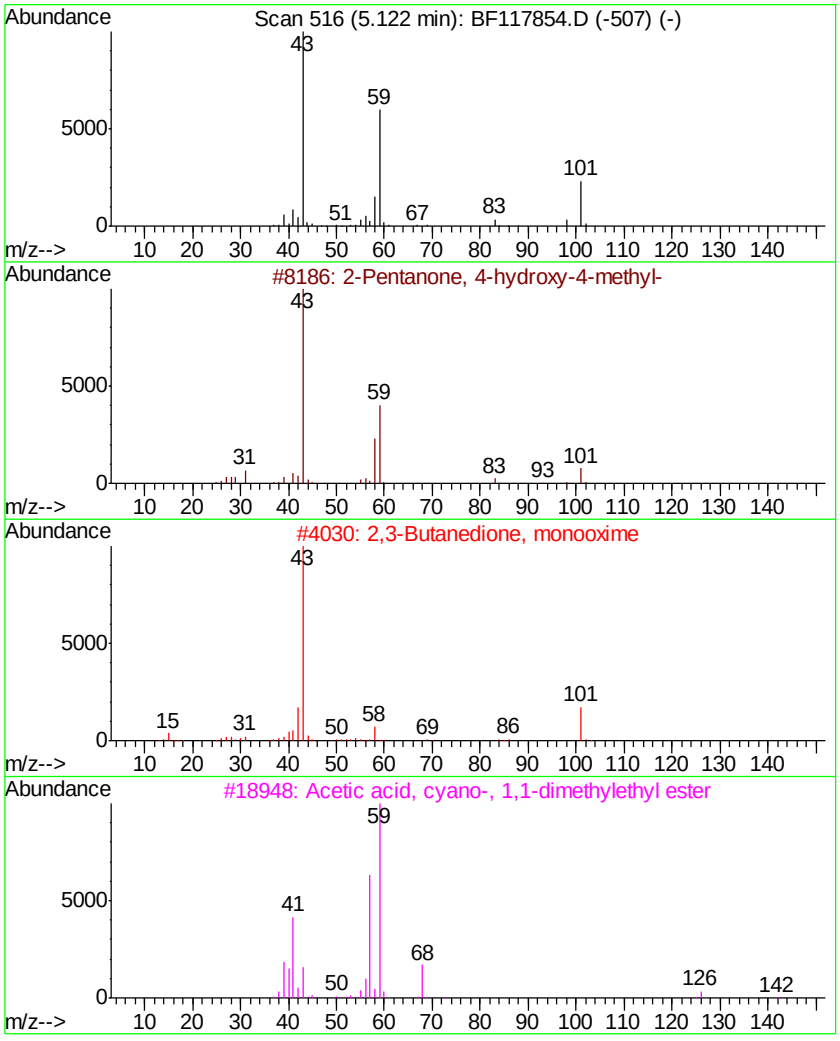
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

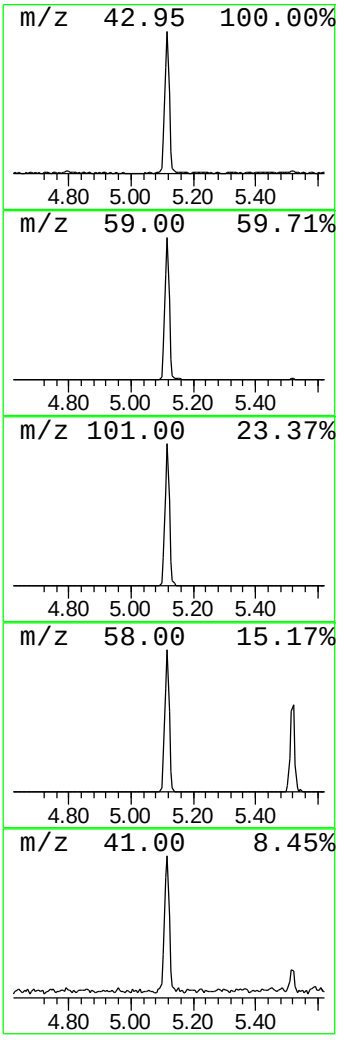
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.48 ng	297339	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Butane	58	C4H10	000106-97-8	9





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Data File : BF117854.D
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Sample : K5671-06 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

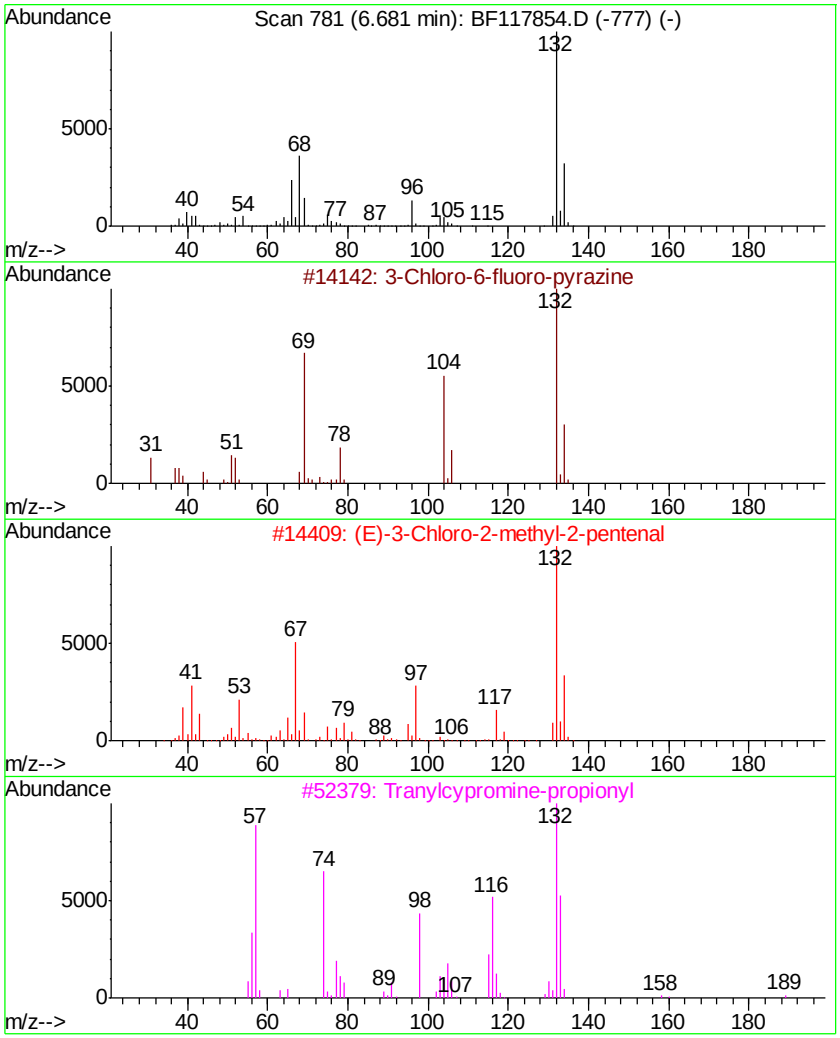
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

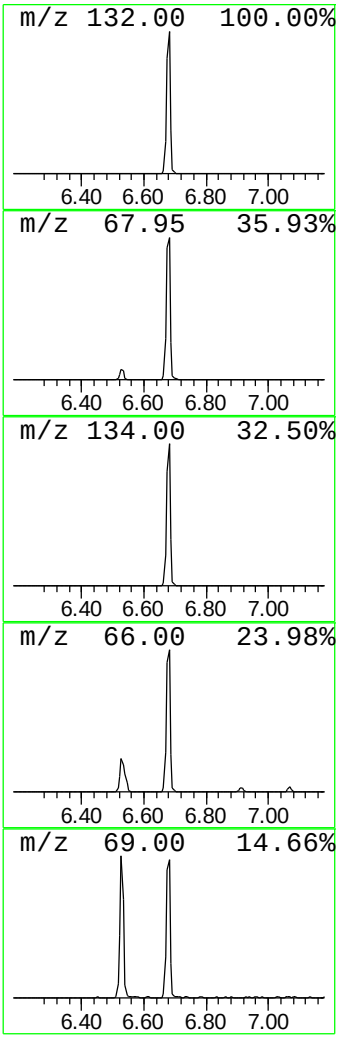
****

Peak Number 3 unknown6.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	29.00 ng	1925880	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

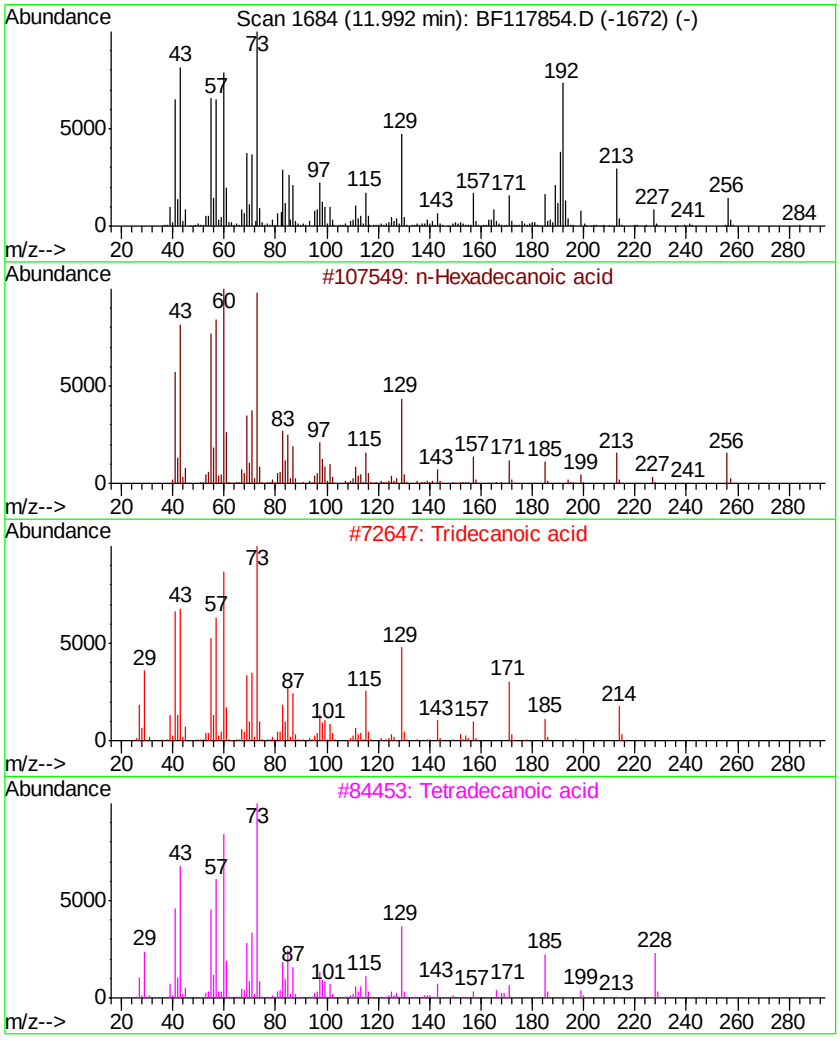
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

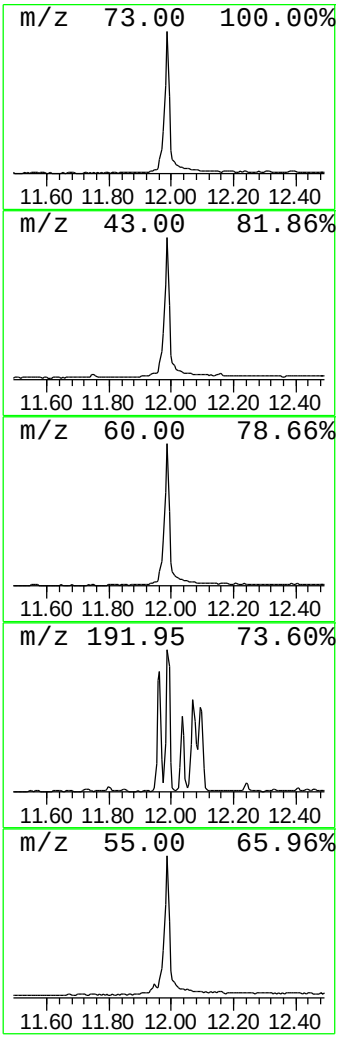
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	29.43 ng	2765470	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
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Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

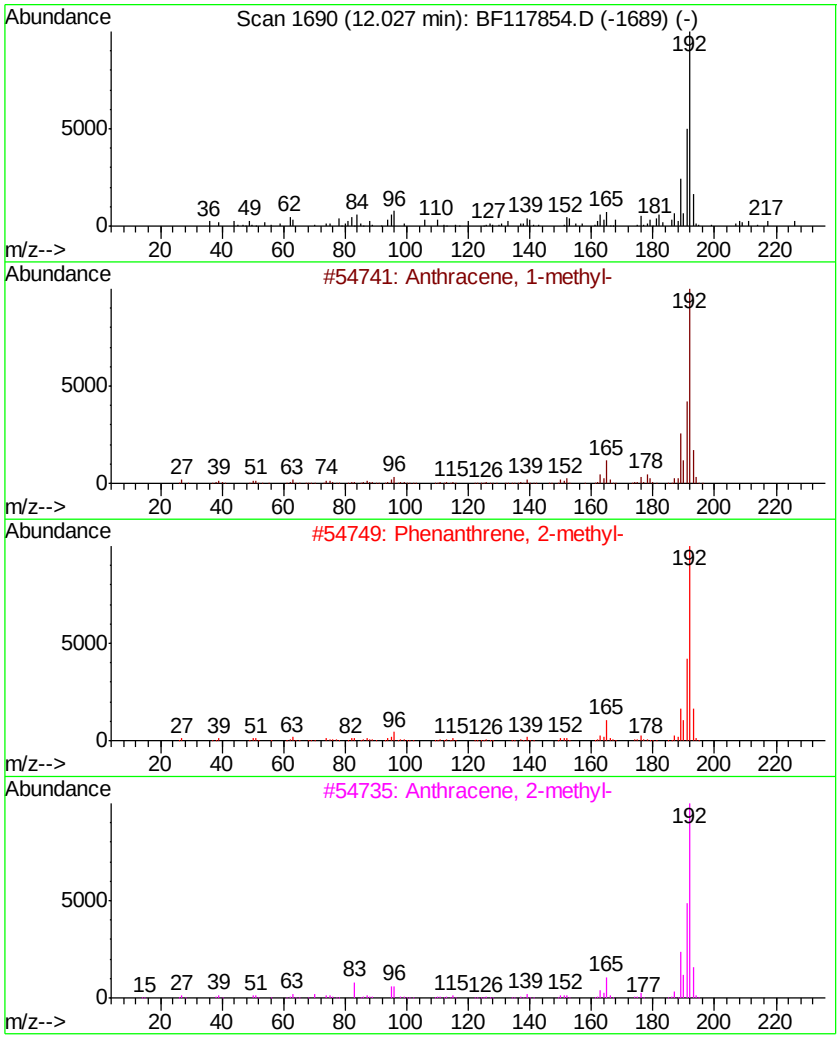
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

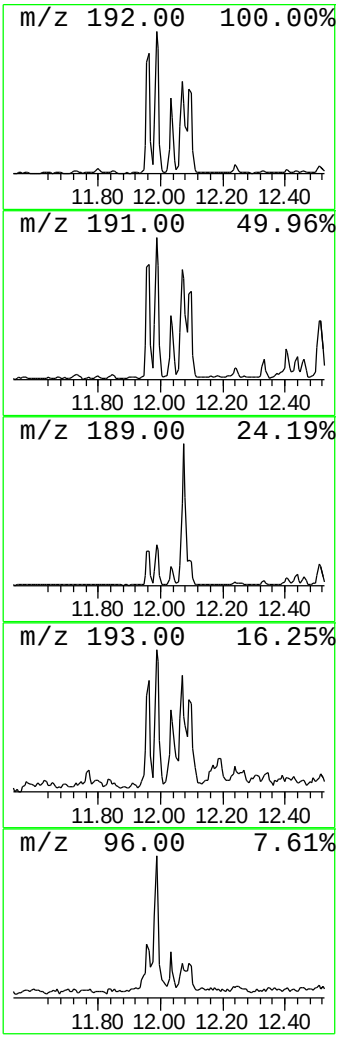
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.19 ng	205752	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

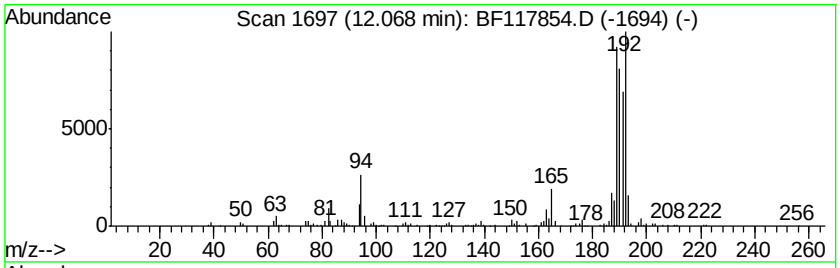
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

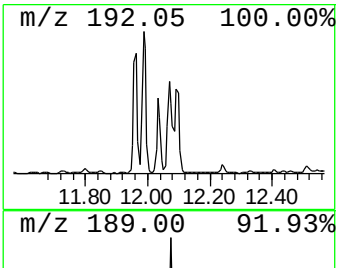
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.90 ng	460258	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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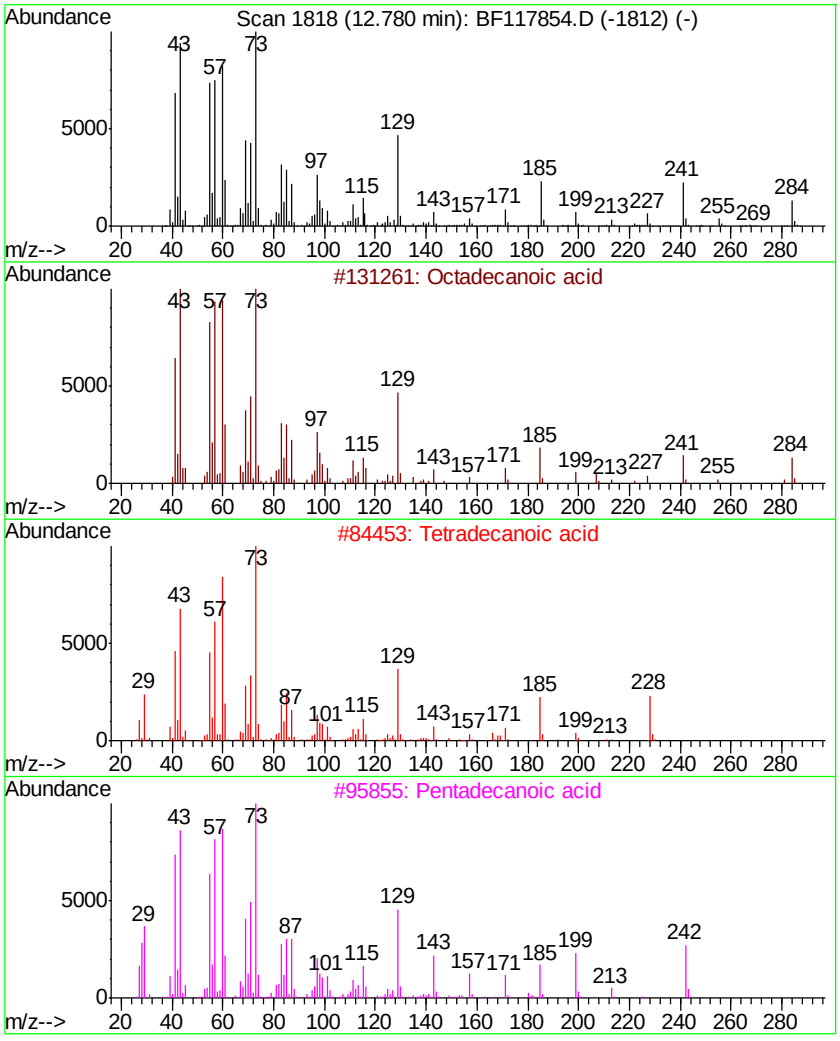
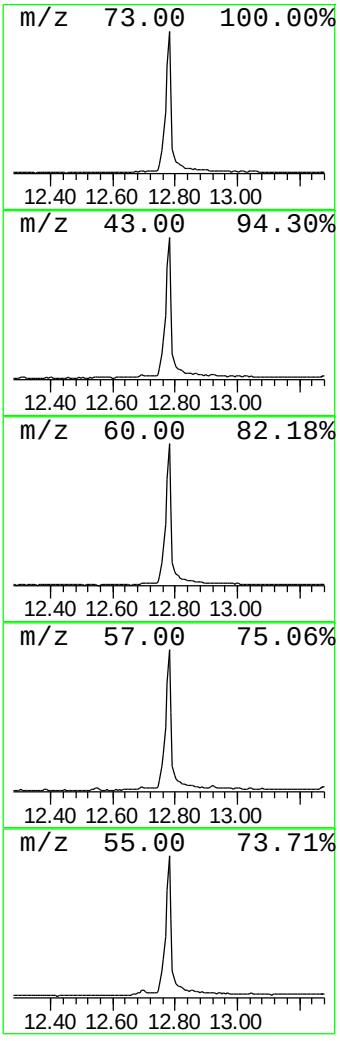
Peak Number 8 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	53.34 ng	5012880	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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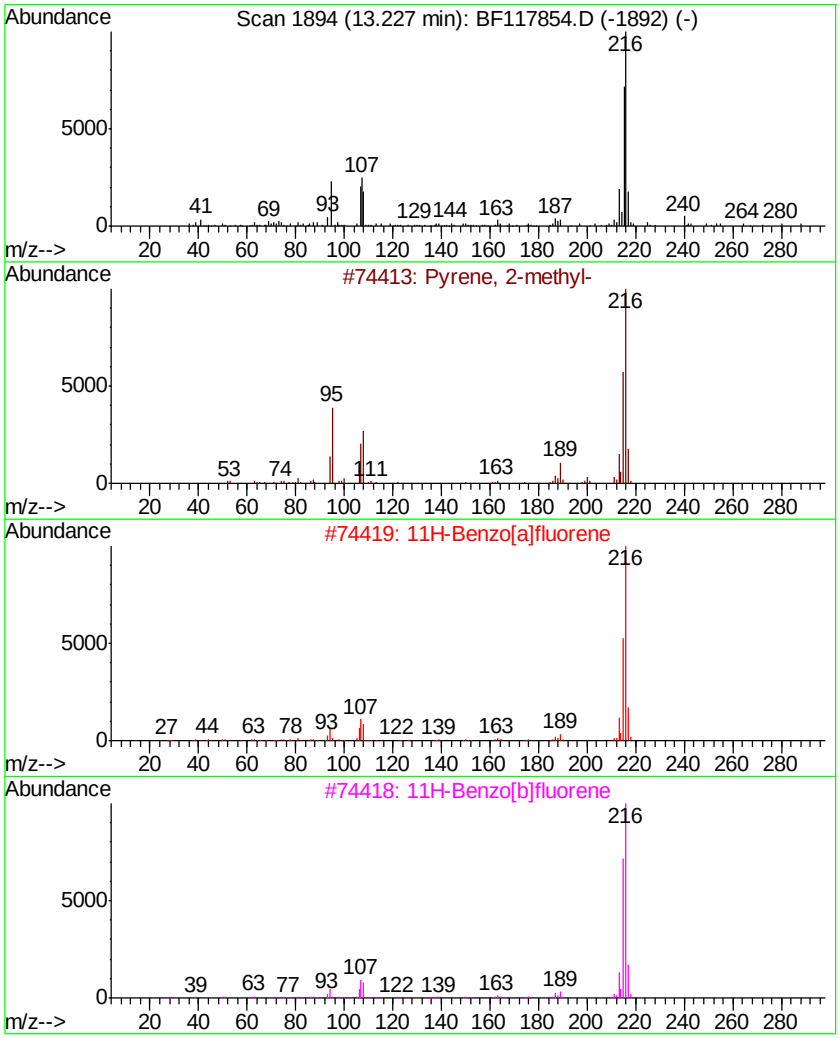
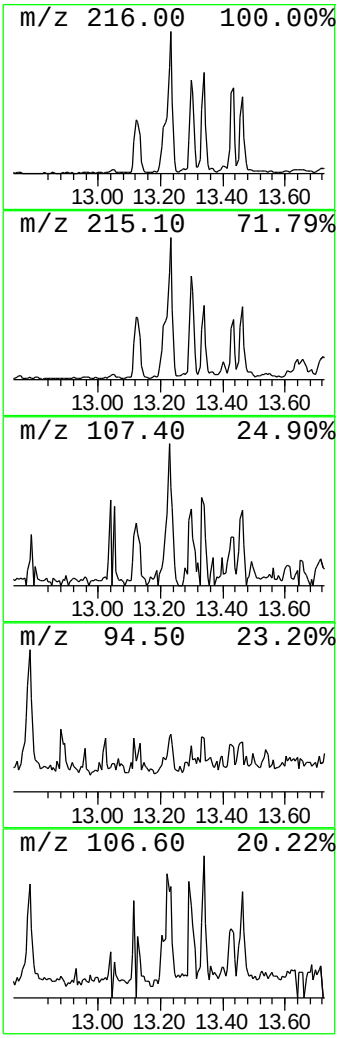
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.43 ng	295252	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62





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Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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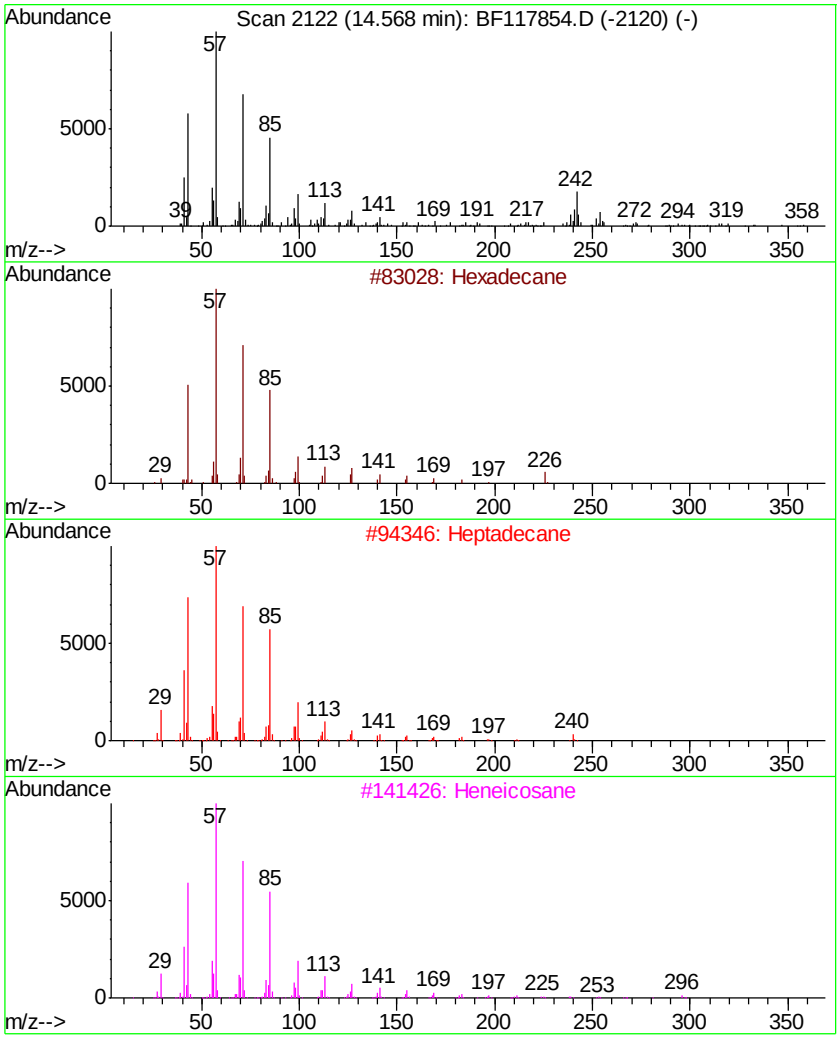
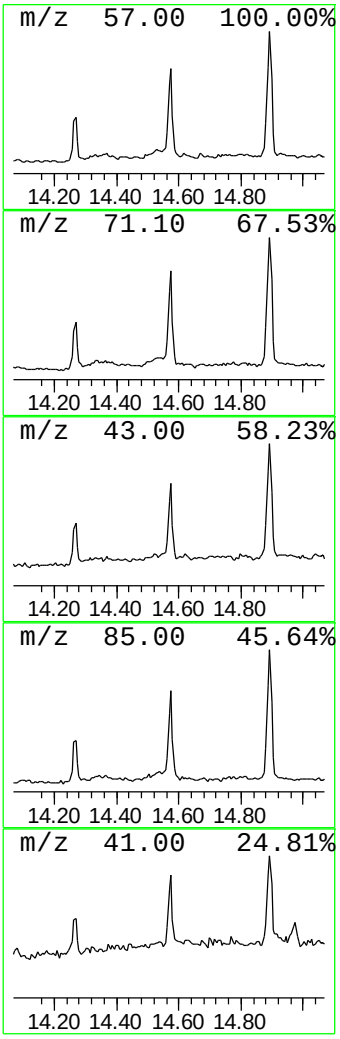
Peak Number 10 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.43 ng	295138	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





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Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
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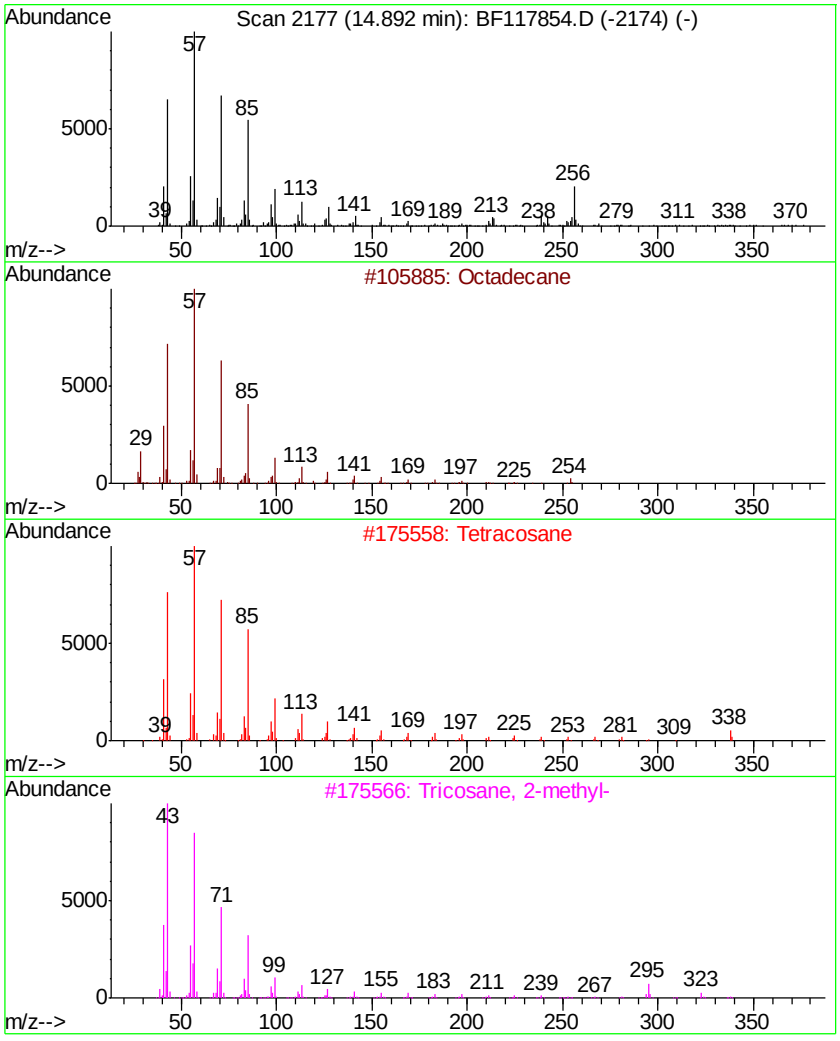
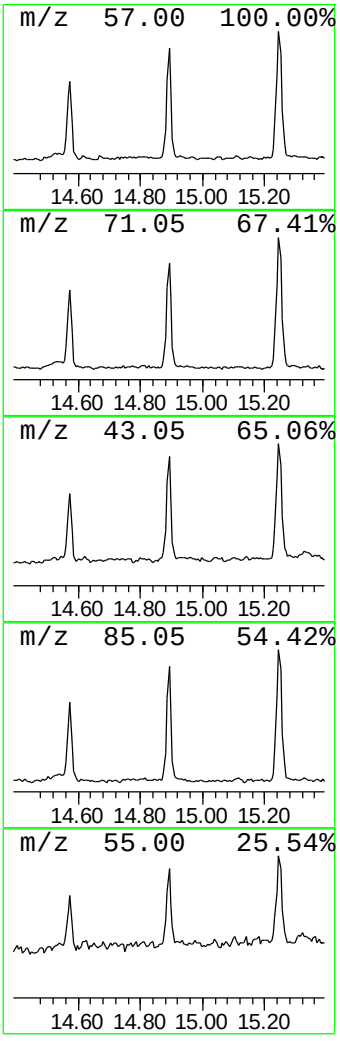
Peak Number 11 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.32 ng	371931	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
4	Heptadecane	240	C17H36	000629-78-7	81
5	Heneicosane	296	C21H44	000629-94-7	81





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Operator : JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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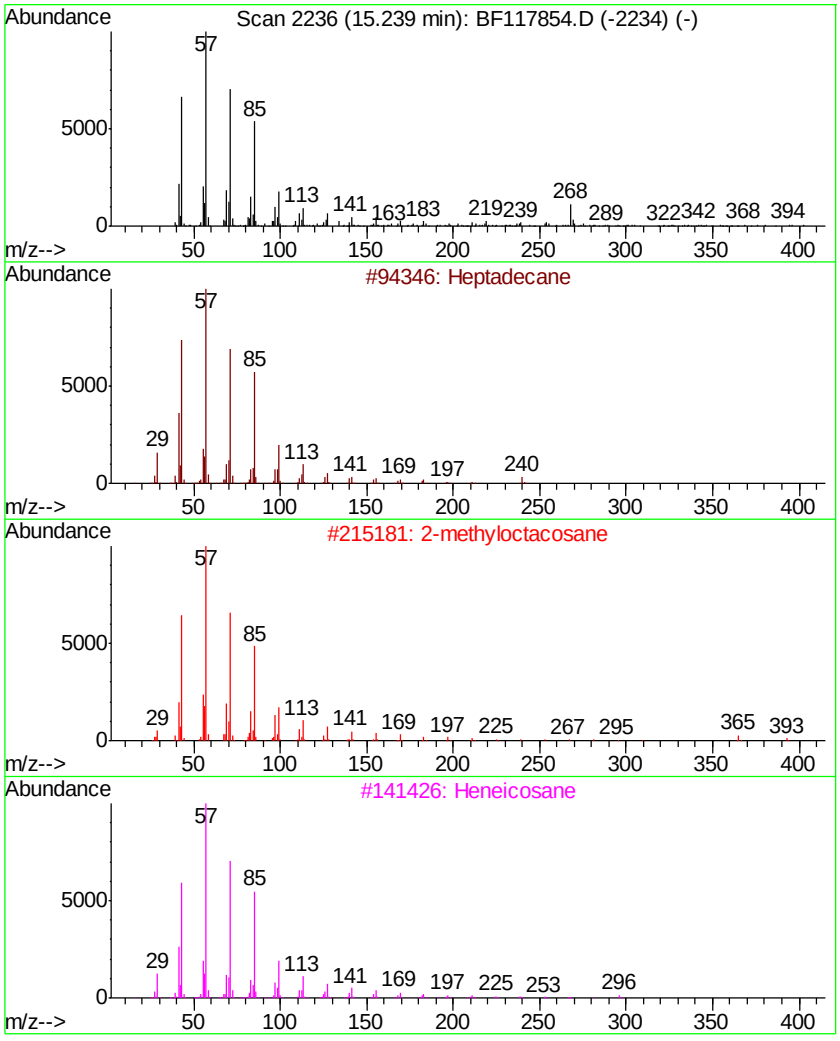
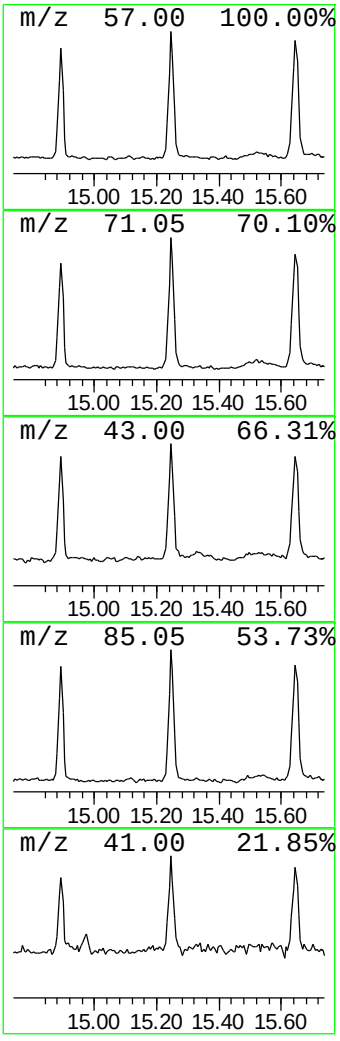
Peak Number 12 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	6.11 ng	427500	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : K5671-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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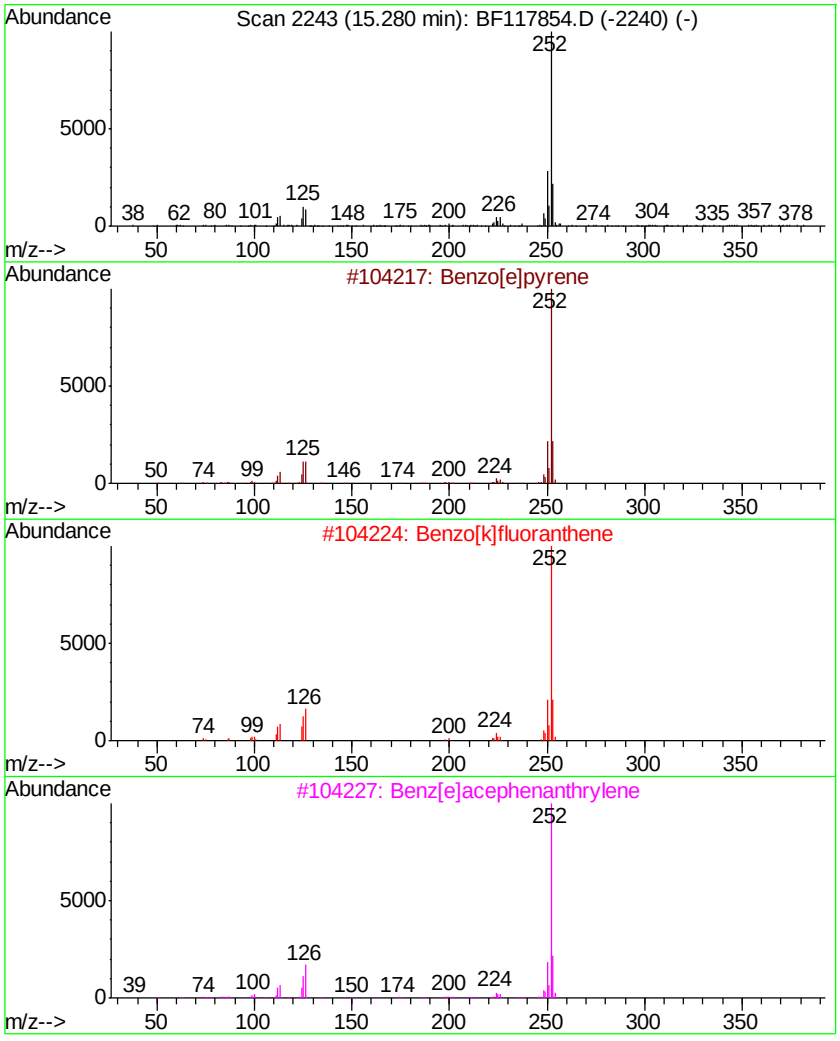
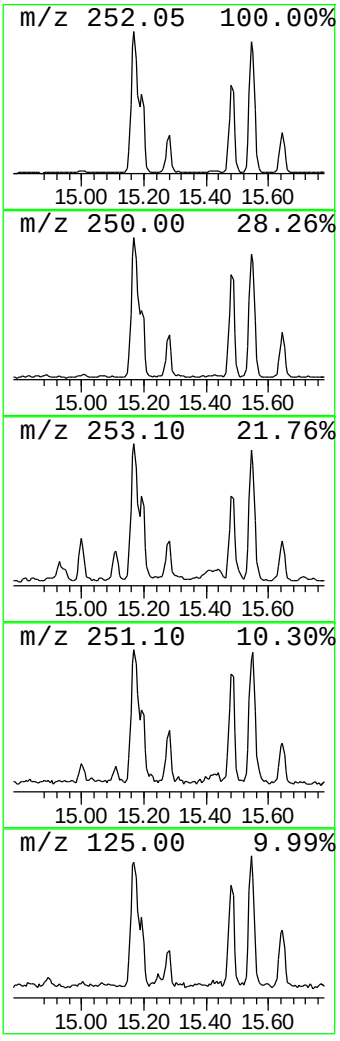
Peak Number 13 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	2.57 ng	179787	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	81





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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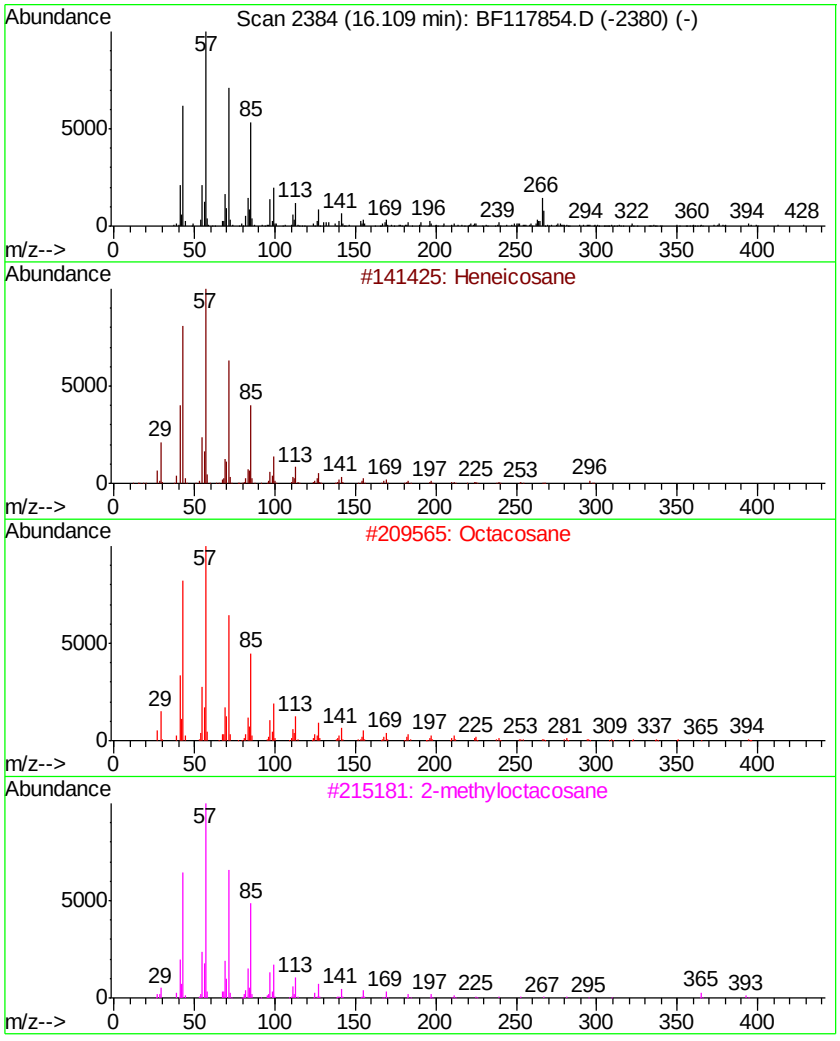
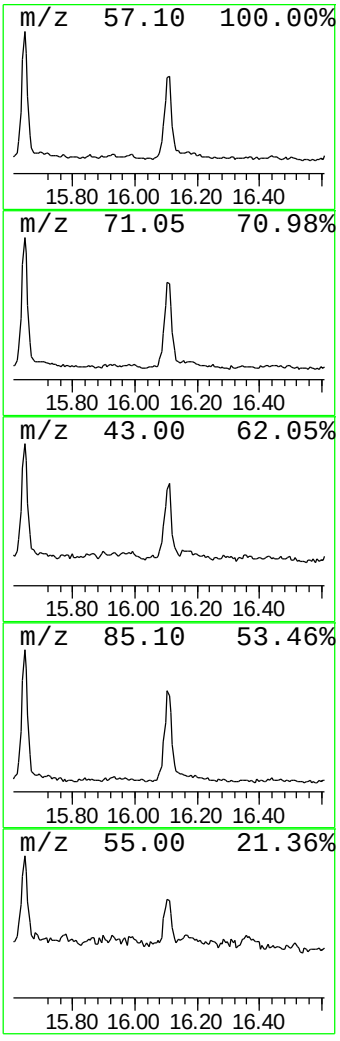
Peak Number 15 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	4.12 ng	288234	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	89
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111919\
Data File : BF117854.D
Acq On : 19 Nov 2019 12:54
Operator : JU
Sample : K5671-06 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-111419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.17	5.6	ng	373015	1	6.92	1328050	20.0
2-Pentanone, 4-hy...	5.12	4.5	ng	297339	1	6.92	1328050	20.0
unknown6.68	6.68	29.0	ng	1925880	1	6.92	1328050	20.0
n-Hexadecanoic acid	11.99	29.4	ng	2765470	4	11.46	1879620	20.0
Anthracene, 1-met...	12.03	2.2	ng	205752	4	11.46	1879620	20.0
4H-Cyclopenta[def...	12.07	4.9	ng	460258	4	11.46	1879620	20.0
Octadecanoic acid	12.78	53.3	ng	5012880	4	11.46	1879620	20.0
Pyrene, 2-methyl-	13.23	2.4	ng	295252	5	14.11	2433690	20.0
Hexadecane	14.57	2.4	ng	295138	5	14.11	2433690	20.0
Octadecane	14.89	5.3	ng	371931	6	15.62	1398870	20.0
Heptadecane	15.24	6.1	ng	427500	6	15.62	1398870	20.0
Benzo[e]pyrene	15.28	2.6	ng	179787	6	15.62	1398870	20.0
Heneicosane	16.11	4.1	ng	288234	6	15.62	1398870	20.0