LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115394.D
Acq On : 5 Jul 2019 17:43
Operator : HP/JU
Sample : K3622-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-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-BF070519.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	2.157	8	12	55	rVB	559529	1110061	45.56%	2.154%
2	5.504	576	581	584	rBV	1858741	1609331	66.06%	3.123%
3	6.510	747	752	755	rBV	2069332	1757211	72.13%	3.410%
4	6.657	773	777	781	rBV	1956022	1796134	73.72%	3.486%
5	6.892	814	817	821	rBV	1275449	987302	40.53%	1.916%
6	7.051	840	844	847	rBV	1765438	1396401	57.32%	2.710%
7	7.445	903	911	914	rBV	1354611	1111290	45.61%	2.157%
8	8.175	1031	1035	1037	rBV	1730644	1369233	56.20%	2.657%
9	8.192	1037	1038	1042	rVB	120988	92667	3.80%	0.180%
10	8.475	1079	1086	1088	rBV8	26062	38242	1.57%	0.074%
11	8.769	1133	1136	1139	rBV2	47618	52139	2.14%	0.101%
12	8.886	1151	1156	1159	rVB	109796	101531	4.17%	0.197%
13	8.986	1170	1173	1177	rVB2	99463	83611	3.43%	0.162%
14	9.204	1207	1210	1213	rBV2	64222	56398	2.31%	0.109%
15	9.245	1214	1217	1221	rBV	2478955	2205816	90.54%	4.281%
16	9.339	1229	1233	1236	rBV2	101000	118724	4.87%	0.230%
17	9.510	1259	1262	1267	rVV3	61746	88200	3.62%	0.171%
18	9.586	1272	1275	1277	rVV	116624	110192	4.52%	0.214%
19	9.610	1277	1279	1281	rVV	83989	67925	2.79%	0.132%
20	9.639	1281	1284	1289	rVV	258536	304314	12.49%	0.591%
21	9.704	1293	1295	1301	rVB4	63197	77541	3.18%	0.150%
22	9.786	1306	1309	1312	rBV	195223	167765	6.89%	0.326%
23	9.863	1320	1322	1325	rVB	78288	63565	2.61%	0.123%
24	9.927	1327	1333	1336	rBV2	1781411	1583217	64.99%	3.073%
25	9.957	1336	1338	1341	rVB	145451	127605	5.24%	0.248%
26	10.033	1348	1351	1355	rVB3	38807	45044	1.85%	0.087%
27	10.127	1364	1367	1370	rVB	163889	144657	5.94%	0.281%
28	10.169	1371	1374	1376	rBV	56196	47838	1.96%	0.093%
29	10.192	1376	1378	1381	rVB4	39556	40779	1.67%	0.079%
30	10.245	1384	1387	1390	rVV2	61393	64409	2.64%	0.125%
31	10.274	1390	1392	1395	rVB2	48501	38713	1.59%	0.075%
32	10.363	1405	1407	1411	rVB2	110063	87627	3.60%	0.170%
33	10.474	1422	1426	1432	rBV	268101	278093	11.41%	0.540%
34	10.539	1435	1437	1439	rVV2	63333	50946	2.09%	0.099%

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Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-070319-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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.563	1439	1441	1442	rVV2	45581	39143	1.61%	0.076%
36	10.586	1442	1445	1450	rVV2	130416	155402	6.38%	0.302%
37	10.633	1450	1453	1457	rVB3	80125	85739	3.52%	0.166%
38	10.710	1462	1466	1471	rBV	1517287	1281627	52.61%	2.487%
39	10.839	1485	1488	1489	rBV	221019	199847	8.20%	0.388%
40	10.916	1498	1501	1503	rBV	55205	52533	2.16%	0.102%
41	11.021	1516	1519	1522	rBV2	71344	81640	3.35%	0.158%
42	11.051	1522	1524	1530	rVV2	99342	124214	5.10%	0.241%
43	11.104	1531	1533	1535	rVB2	61494	49990	2.05%	0.097%
44	11.263	1557	1560	1561	rBV3	41474	43844	1.80%	0.085%
45	11.286	1561	1564	1566	rVV	222077	193803	7.95%	0.376%
46	11.316	1566	1569	1573	rVB2	220171	281500	11.55%	0.546%
47	11.410	1582	1585	1587	rBV	1548560	1396802	57.33%	2.711%
48	11.433	1587	1589	1592	rVV	1484262	1217411	49.97%	2.363%
49	11.486	1592	1598	1601	rVV	453819	392996	16.13%	0.763%
50	11.516	1601	1603	1607	rVV4	50839	68480	2.81%	0.133%
51	11.633	1621	1623	1626	rBV	76509	63703	2.61%	0.124%
52	11.710	1633	1636	1639	rBV	249001	193282	7.93%	0.375%
53	11.739	1639	1641	1643	rBV	78278	58049	2.38%	0.113%
54	11.810	1650	1653	1659	rVB2	523048	485599	19.93%	0.942%
55	11.910	1668	1670	1672	rBV	222645	196591	8.07%	0.382%
56	11.939	1672	1675	1679	rVB	930705	781243	32.07%	1.516%
57	11.986	1680	1683	1685	rVB	130158	99369	4.08%	0.193%
58	12.021	1686	1689	1692	rBV2	426483	471289	19.34%	0.915%
59	12.116	1703	1705	1708	rVB	191975	159952	6.57%	0.310%
60	12.145	1708	1710	1714	rVB3	60682	55394	2.27%	0.108%
61	12.204	1718	1720	1722	rBV	154850	134451	5.52%	0.261%
62	12.339	1741	1743	1744	rBV	61357	52795	2.17%	0.102%
63	12.386	1749	1751	1753	rBV	96558	98729	4.05%	0.192%
64	12.463	1760	1764	1766	rBV	248494	254118	10.43%	0.493%
65	12.492	1766	1769	1771	rVV	1668096	1629968	66.90%	3.163%
66	12.515	1771	1773	1776	rVV2	2176882	1852438	76.04%	3.595%
67	12.539	1776	1777	1783	rVB3	194406	177452	7.28%	0.344%
68	12.598	1785	1787	1789	rVV	339821	335590	13.77%	0.651%
69	12.627	1789	1792	1794	rVV	2198433	2186849	89.76%	4.244%
70	12.651	1794	1796	1804	rVB4	701852	830359	34.08%	1.612%
71	12.727	1805	1809	1815	rBV3	371799	463266	19.02%	0.899%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.851	1824	1830	1833	rBV	1990621	2144469	88.02%	4.162%
73	12.874	1833	1834	1837	rVB2	186241	133027	5.46%	0.258%
74	12.968	1847	1850	1851	rBV	124314	99679	4.09%	0.193%
75	12.992	1851	1854	1863	rVB	2129371	1987439	81.58%	3.857%
76	13.068	1863	1867	1870	rBV2	172571	272537	11.19%	0.529%
77	13.180	1879	1886	1889	rBV	411199	498253	20.45%	0.967%
78	13.245	1892	1897	1900	rVB2	382747	393419	16.15%	0.764%
79	13.280	1900	1903	1909	rBV2	296065	354776	14.56%	0.689%
80	13.374	1917	1919	1922	rVB	196237	143881	5.91%	0.279%
81	13.404	1922	1924	1927	rBV	178293	158737	6.52%	0.308%
82	13.574	1951	1953	1956	rBV2	146498	142413	5.85%	0.276%
83	13.798	1987	1991	1993	rBV2	157580	216995	8.91%	0.421%
84	13.821	1993	1995	1997	rVV	163134	147355	6.05%	0.286%
85	13.851	1997	2000	2003	rVV2	161728	218352	8.96%	0.424%
86	13.886	2003	2006	2014	rVB4	351559	509935	20.93%	0.990%
87	14.045	2028	2033	2036	rBV2	1623531	2436268	100.00%	4.728%
88	14.074	2036	2038	2045	rVB	1066764	871355	35.77%	1.691%
89	14.151	2049	2051	2054	rVB	190682	138879	5.70%	0.270%
90	14.433	2097	2099	2101	rVB	242668	176632	7.25%	0.343%
91	14.527	2112	2115	2117	rVB2	356686	322123	13.22%	0.625%
92	14.833	2165	2167	2170	rVB	280045	256366	10.52%	0.498%
93	15.092	2207	2211	2214	rBV	795332	1248879	51.26%	2.424%
94	15.180	2222	2226	2233	rVB3	453476	757926	31.11%	1.471%
95	15.398	2259	2263	2268	rVB	518924	665651	27.32%	1.292%
96	15.456	2269	2273	2278	rVV	741367	889767	36.52%	1.727%
97	15.521	2280	2284	2287	rVV	807230	1006419	41.31%	1.953%
98	15.568	2287	2292	2297	rVB3	472681	877980	36.04%	1.704%
99	16.015	2364	2368	2373	rBV	310536	428563	17.59%	0.832%
100	16.998	2532	2535	2544	rVB2	282454	508736	20.88%	0.987%

Sum of corrected areas: 51526789

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
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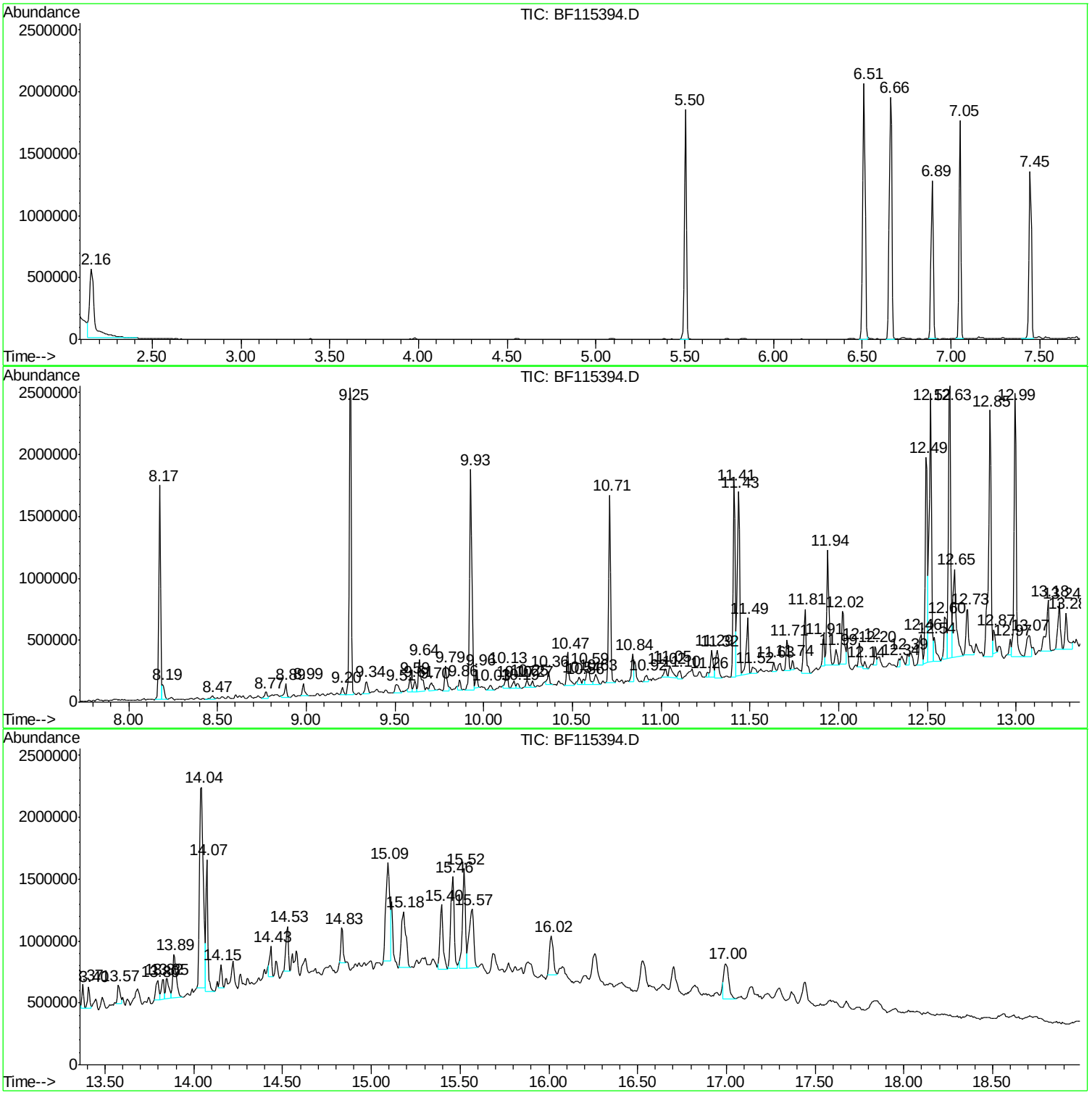
Acq On : 5 Jul 2019 17:43
Operator : HP/JU
Sample : K3622-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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\BF070519\
Data File : BF115394.D
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Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

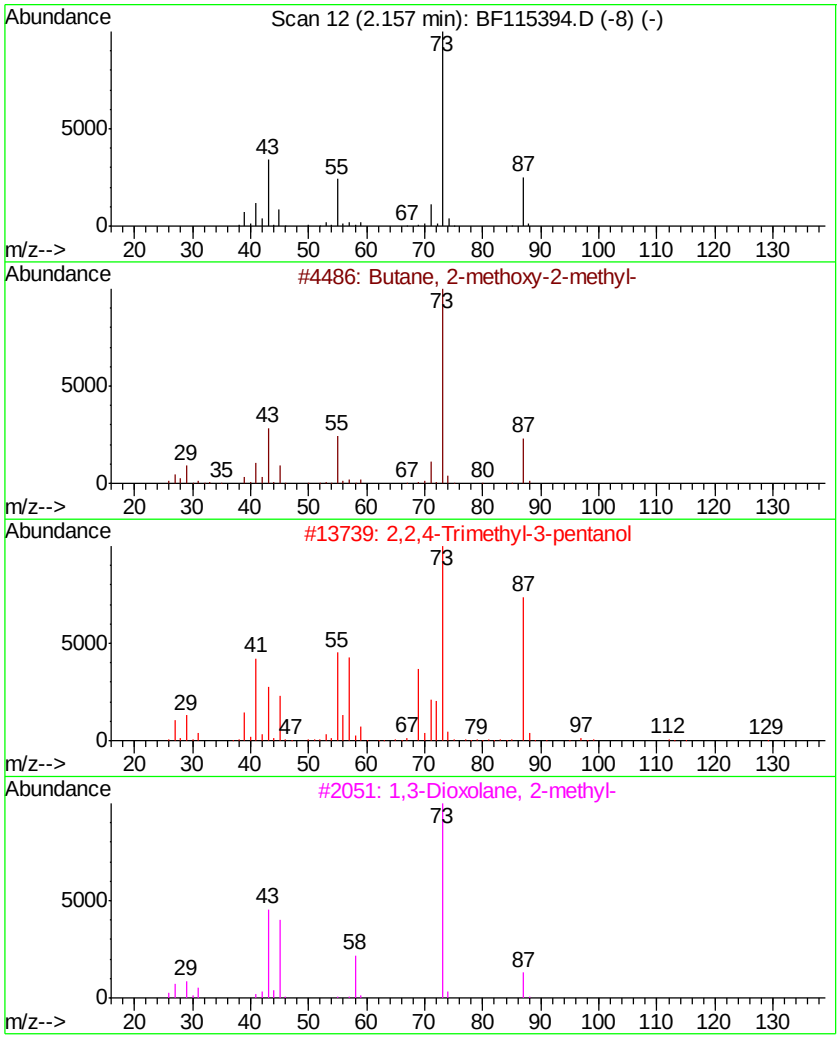
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

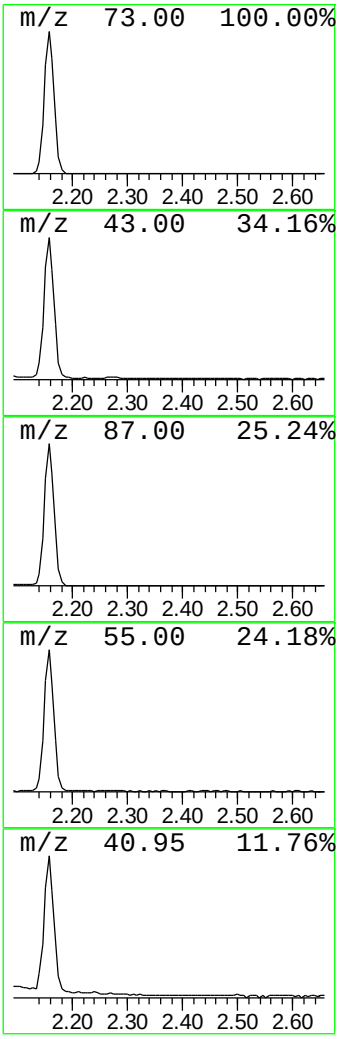
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	22.49 ng	1110060	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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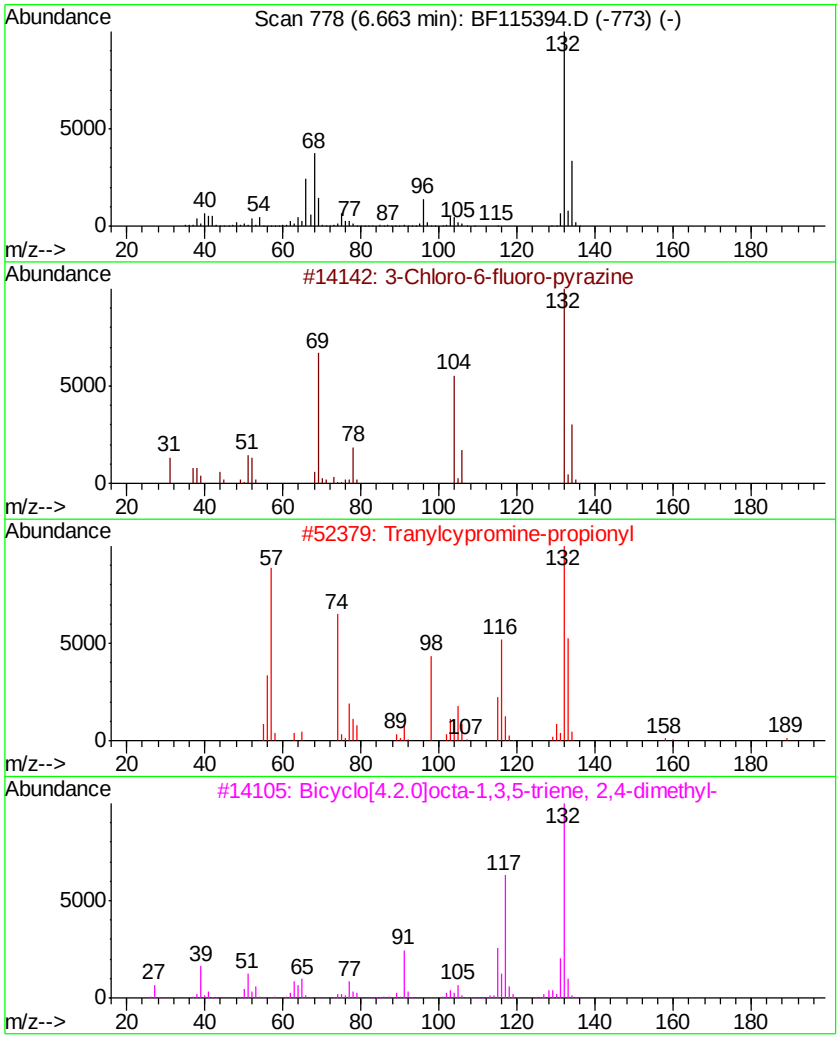
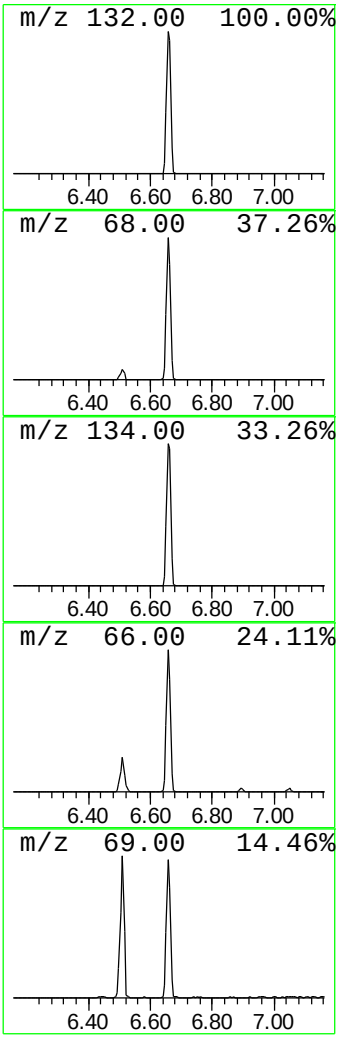
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	36.38 ng	1796130	1,4-Dichlorobenzene-d4	6.89

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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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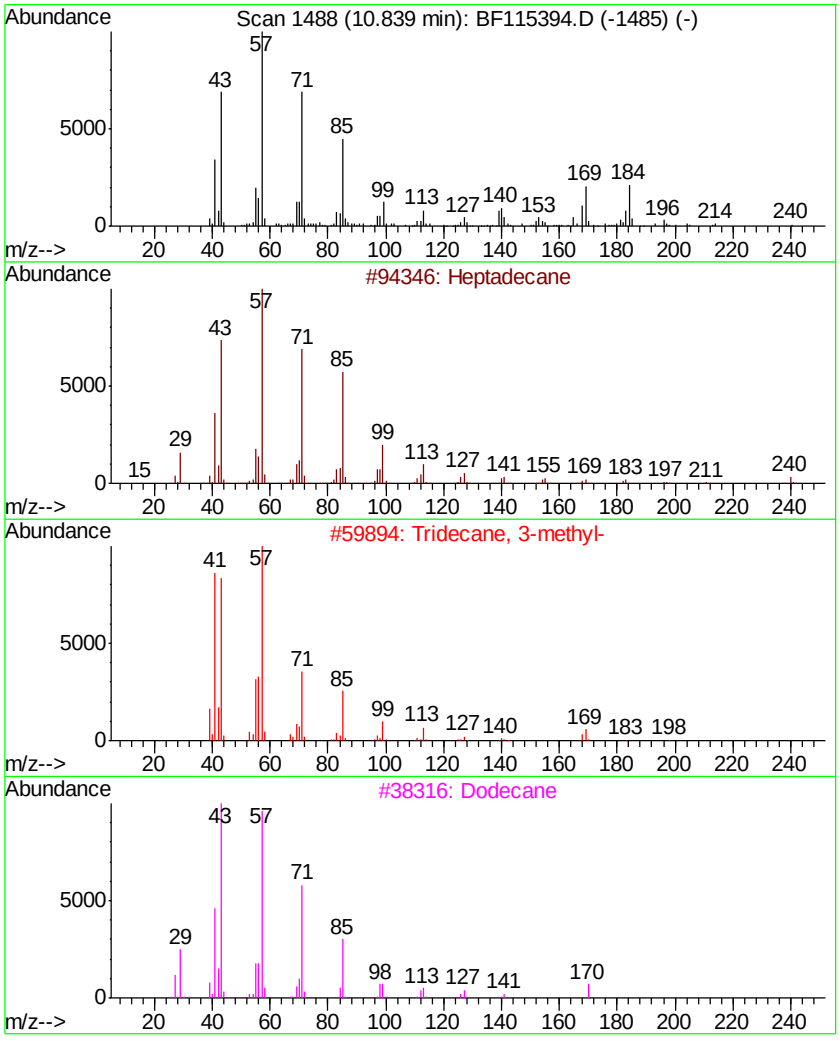
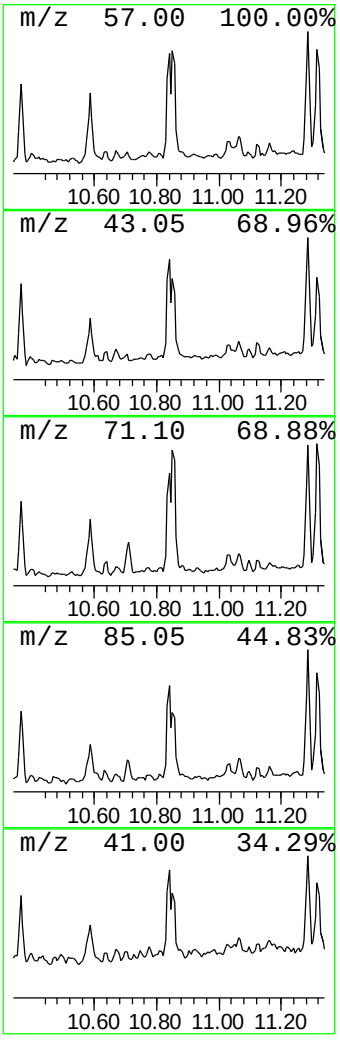
Peak Number 4 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.86 ng	199847	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	68
3	Dodecane	170	C12H26	000112-40-3	60
4	Heneicosane	296	C21H44	000629-94-7	58
5	Octadecane	254	C18H38	000593-45-3	58





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

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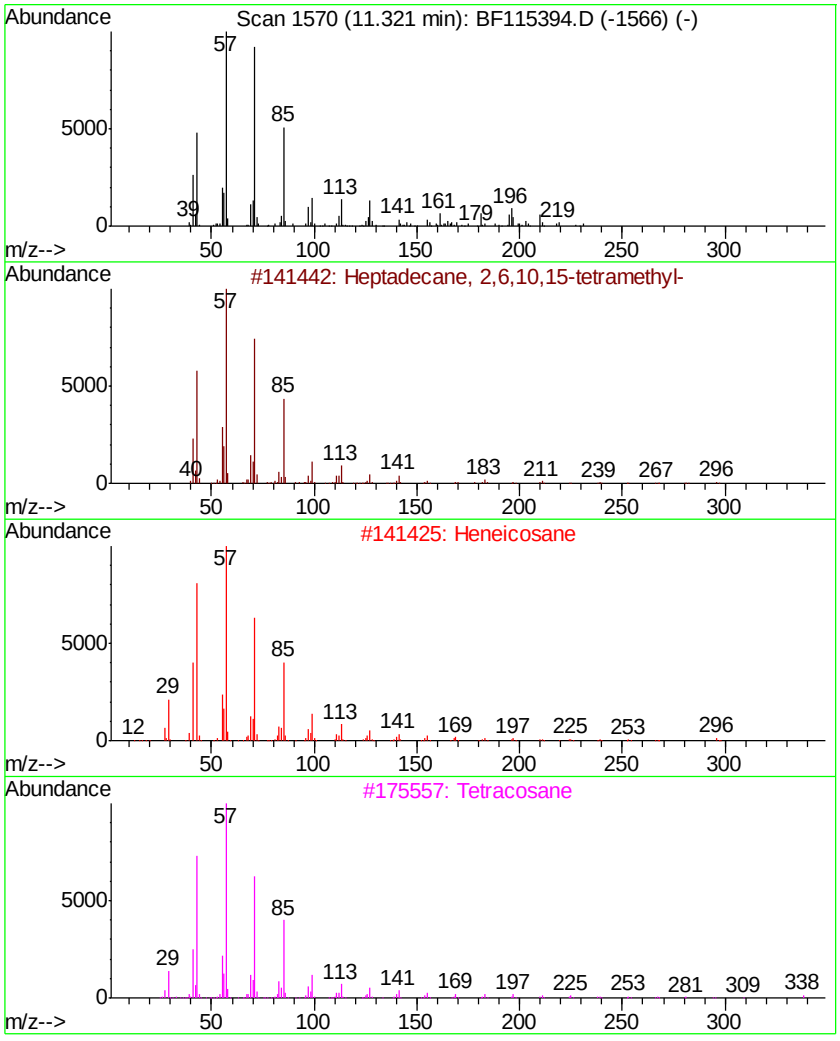
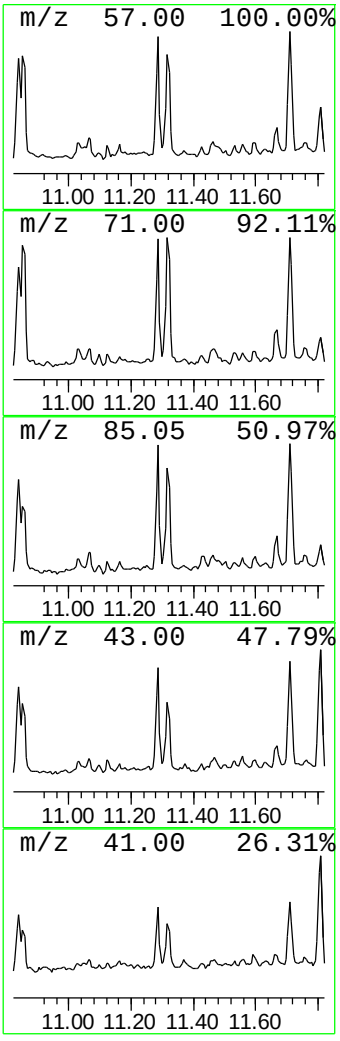
Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	4.03 ng	281500	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	80





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Data File : BF115394.D
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Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

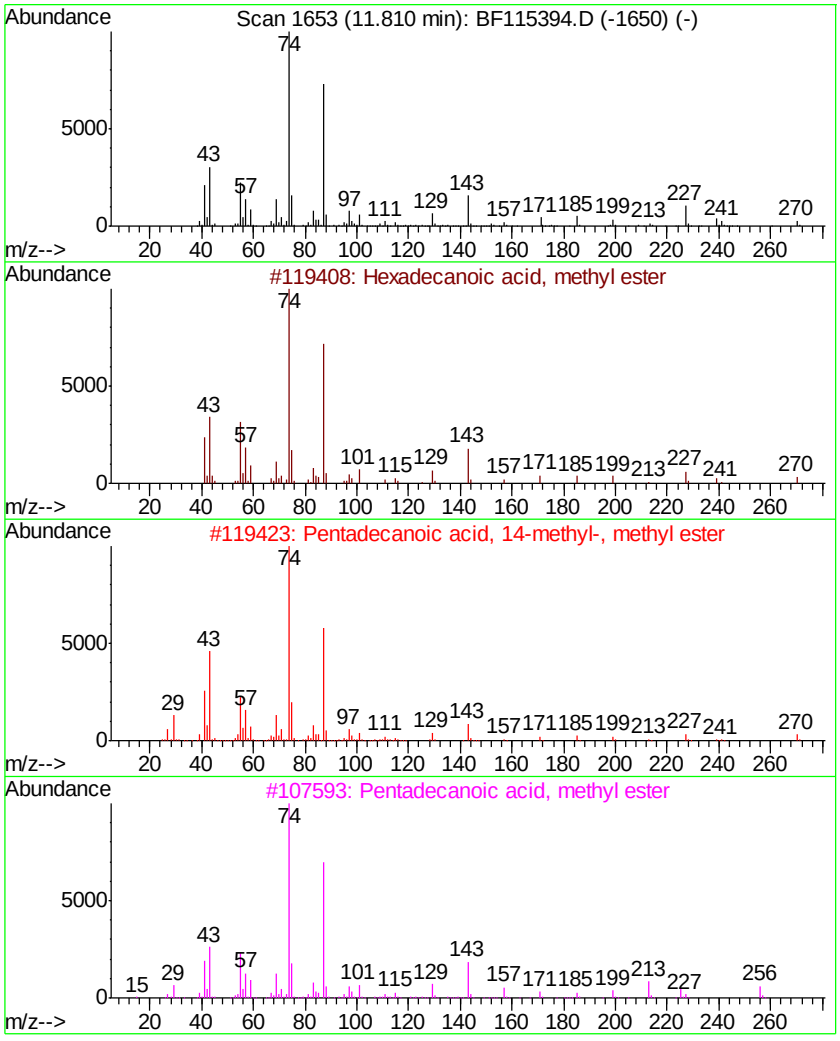
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

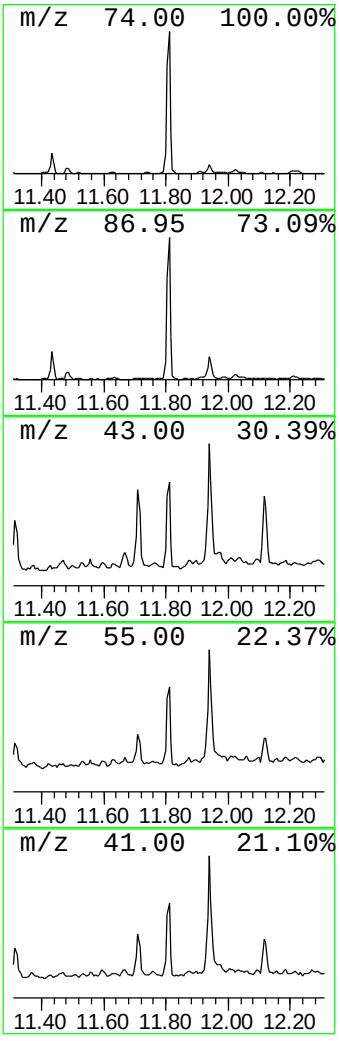
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	6.95 ng	485599	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





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Acq On : 5 Jul 2019 17:43
Operator : HP/JU
Sample : K3622-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-070319-A

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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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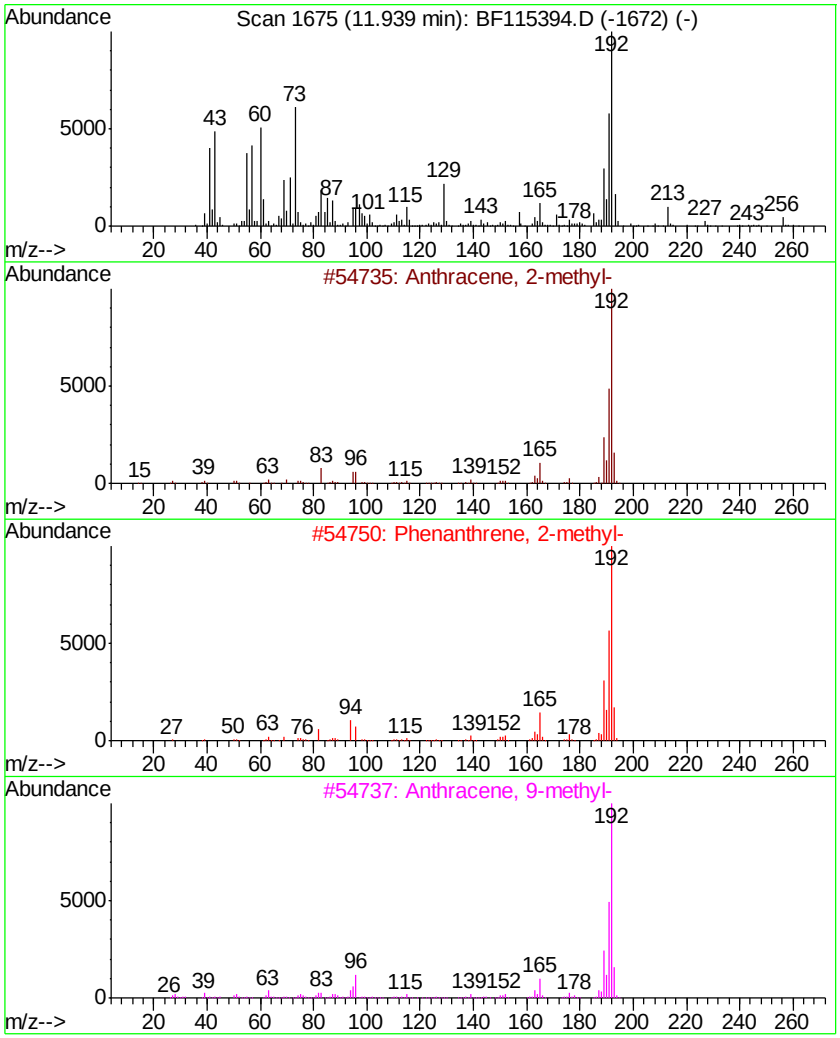
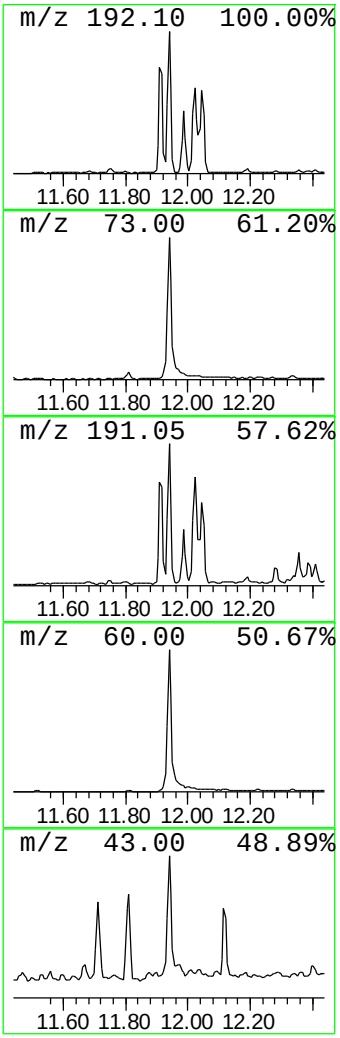
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.19 ng	781243	Phenanthrene-d10	11.41

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	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





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Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-070319-A

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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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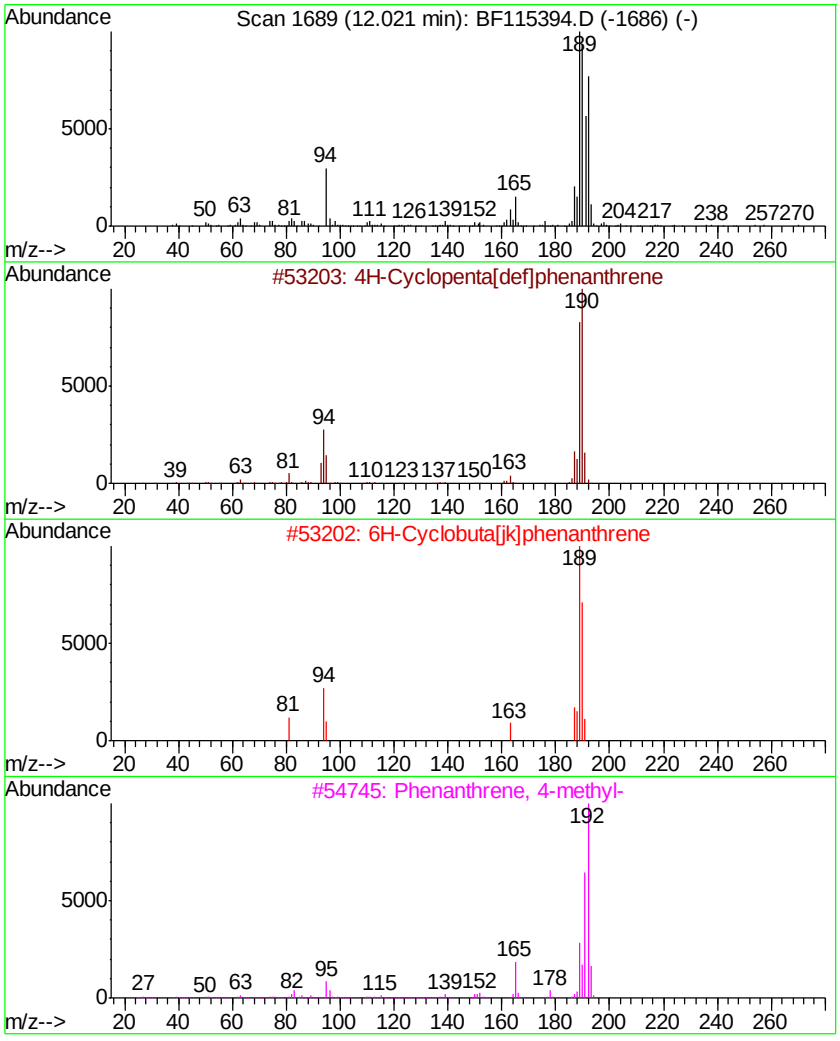
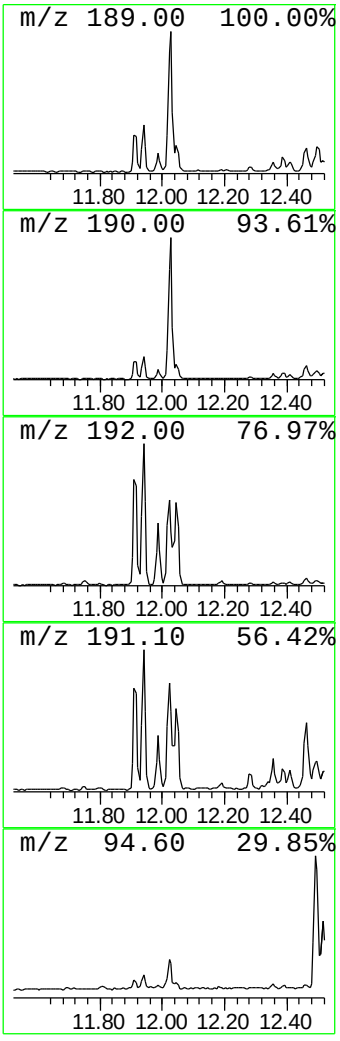
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.75 ng	471289	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : OR-02-070319-A

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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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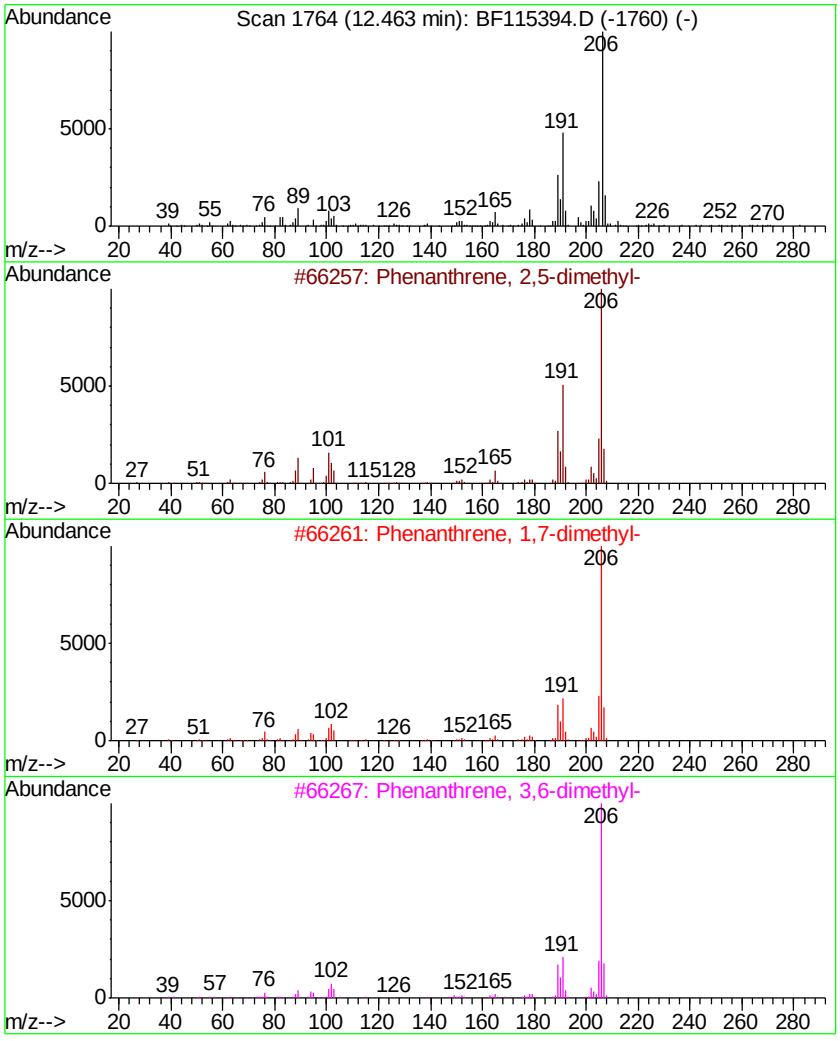
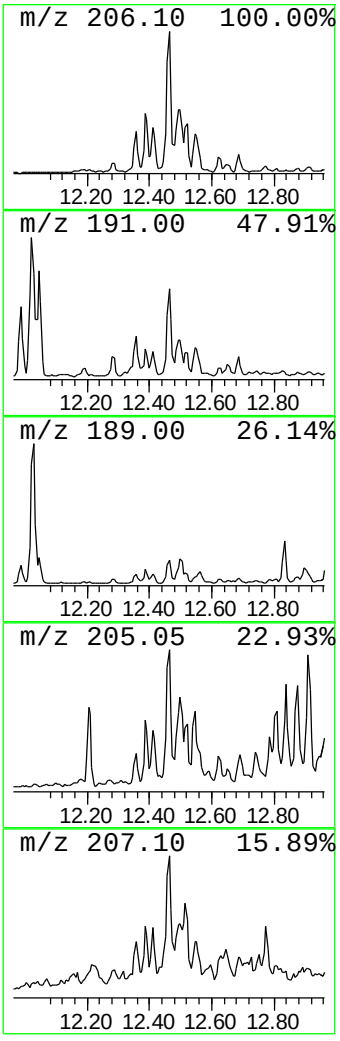
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.64 ng	254118	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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ClientSampleId : OR-02-070319-A

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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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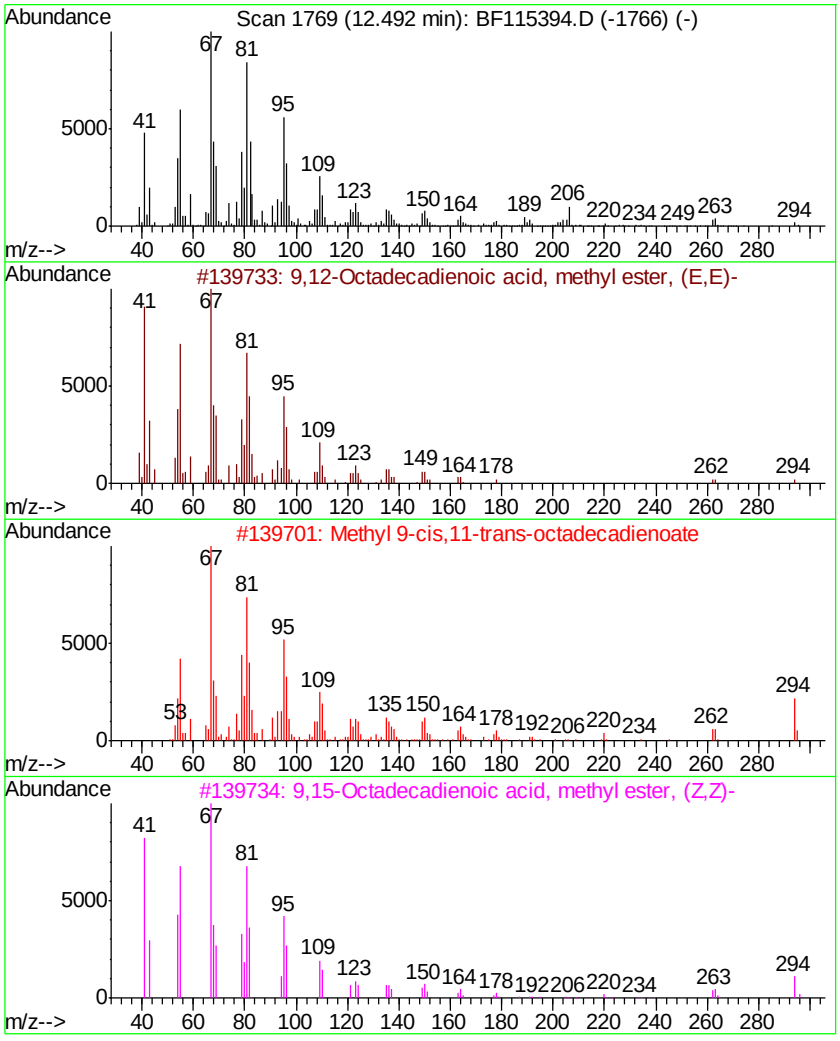
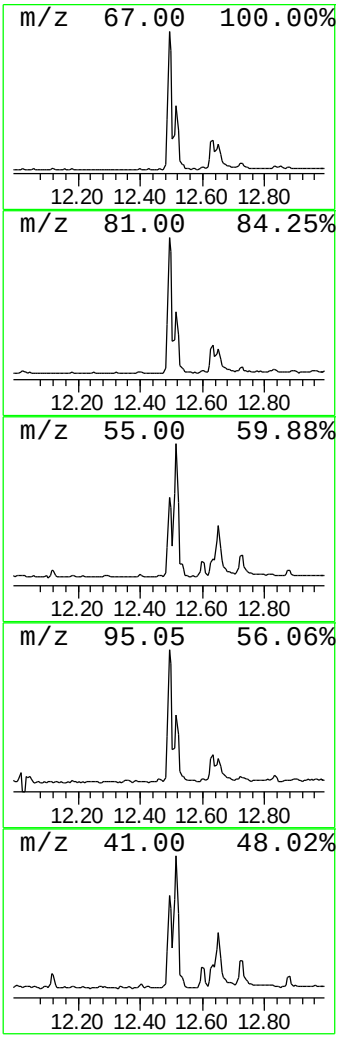
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	23.34 ng	1629970	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Misc :
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ClientSampleId : OR-02-070319-A

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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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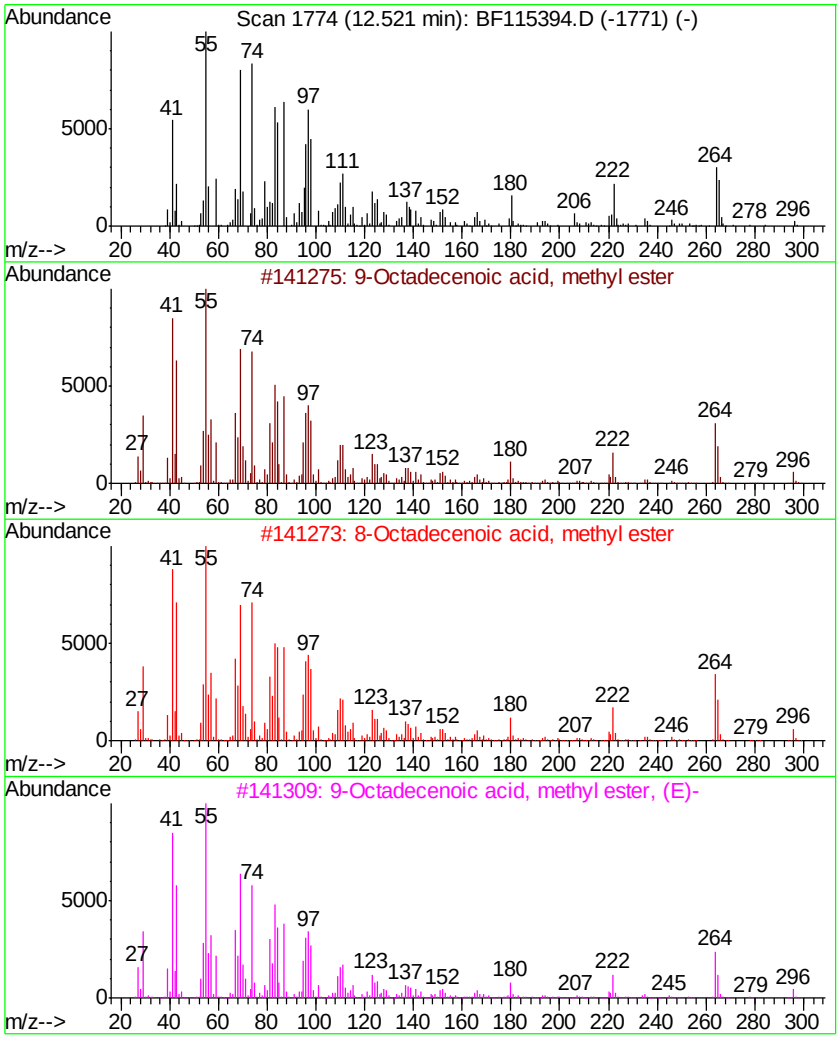
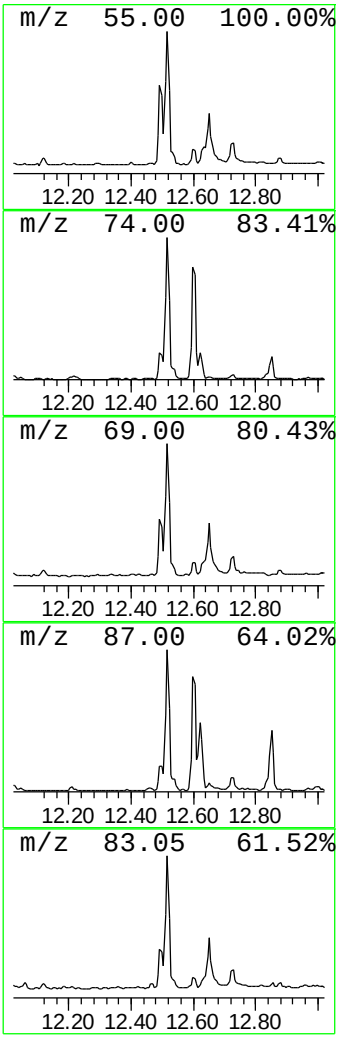
Peak Number 11 9-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	26.52 ng	1852440	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	96
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	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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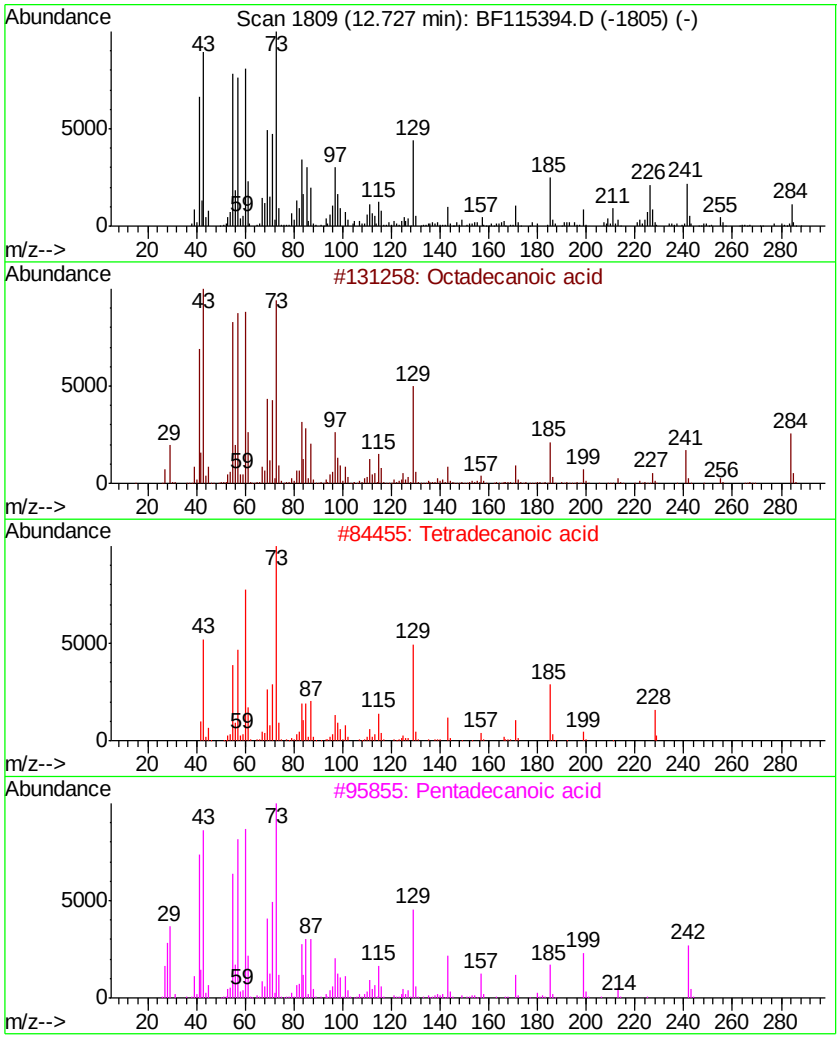
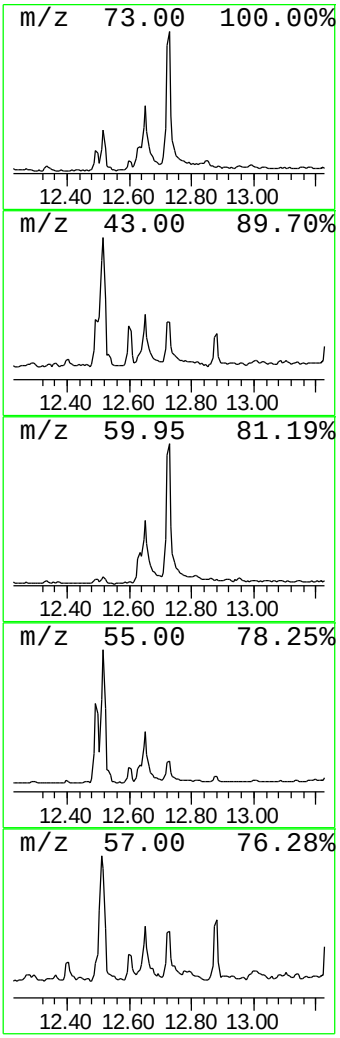
Peak Number 12 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.63 ng	463266	Phenanthrene-d10	11.41

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	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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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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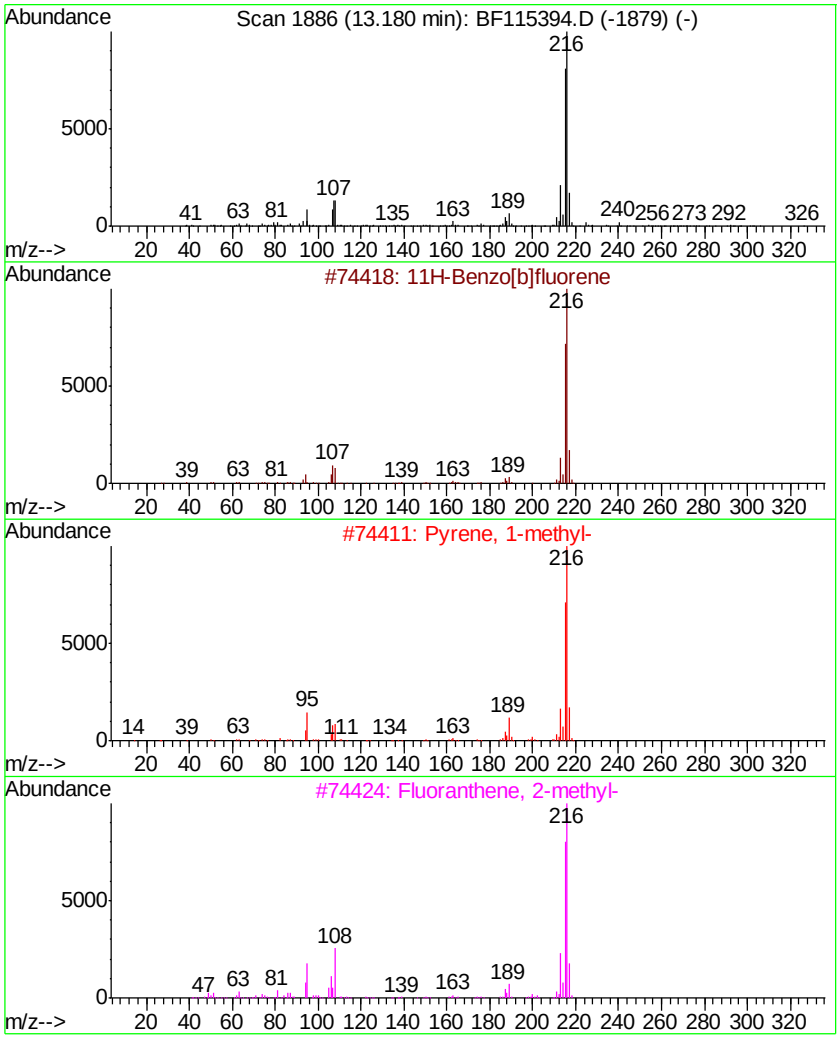
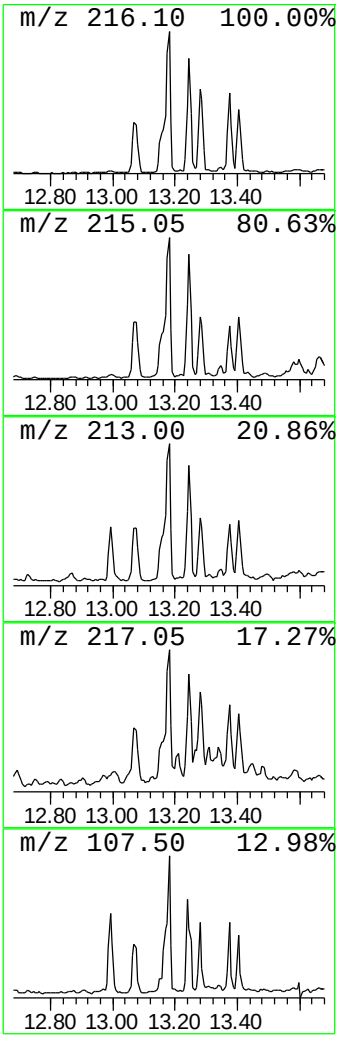
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	4.09 ng	498253	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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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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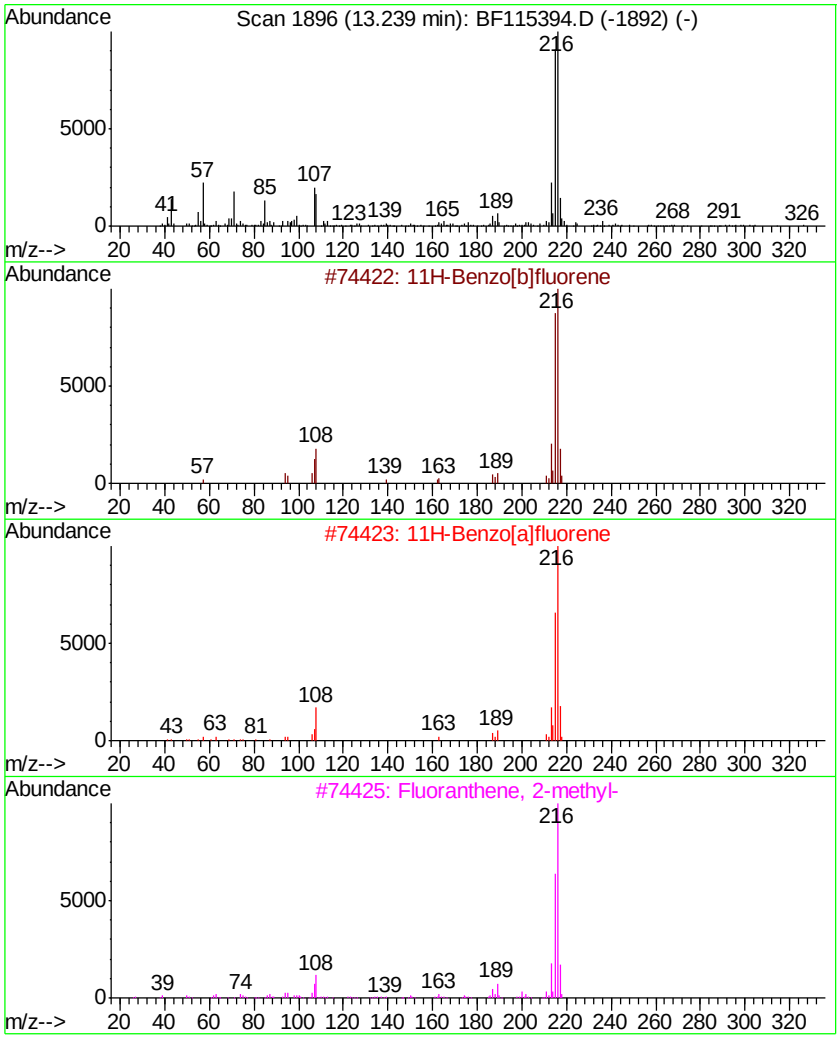
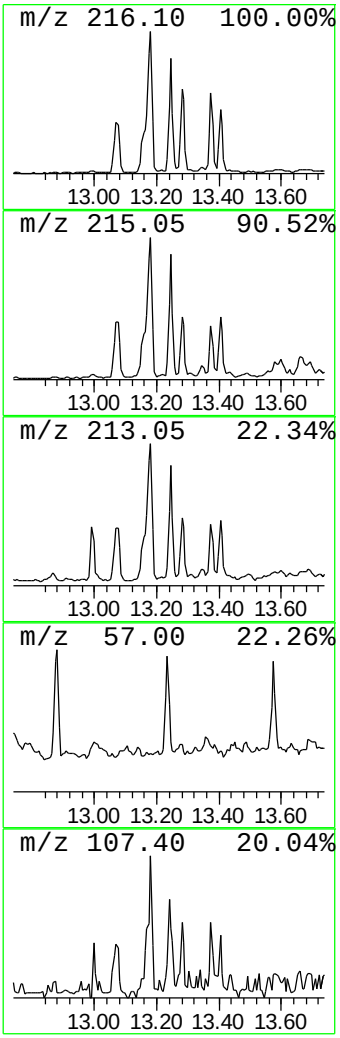
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	3.23 ng	393419	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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ClientSampleId : OR-02-070319-A

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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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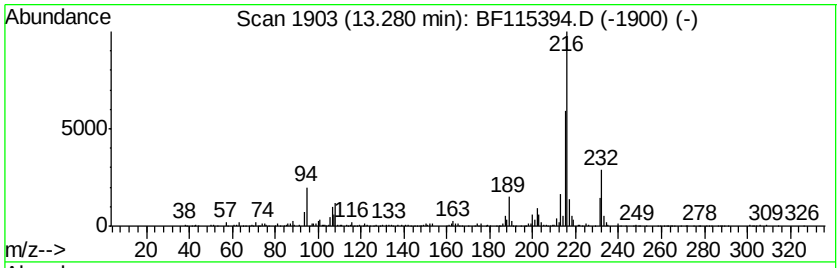
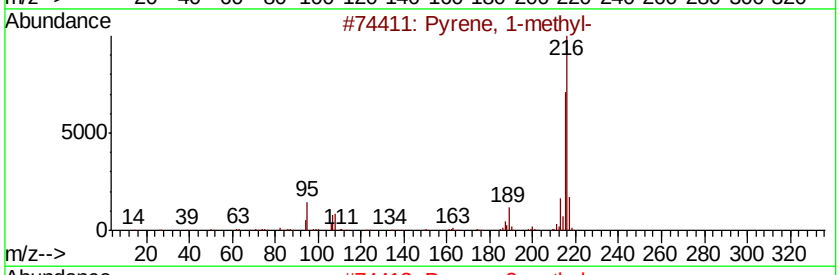
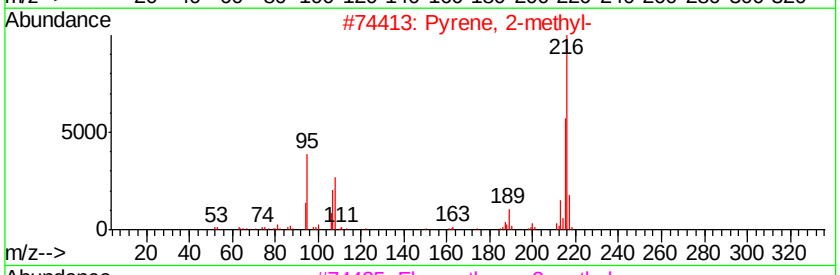
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

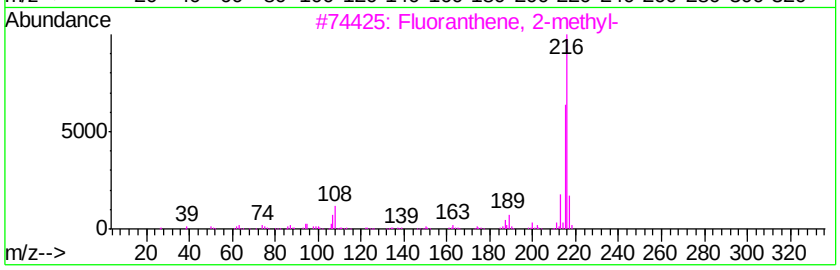
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.91 ng	354776	Chrysene-d12	14.05

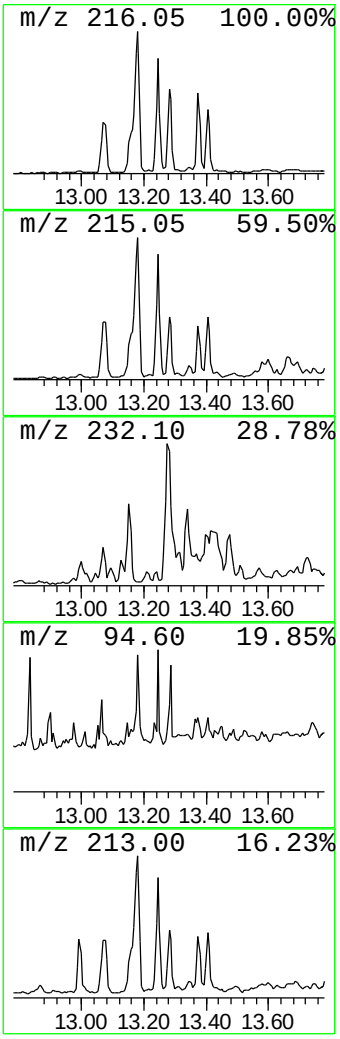
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70











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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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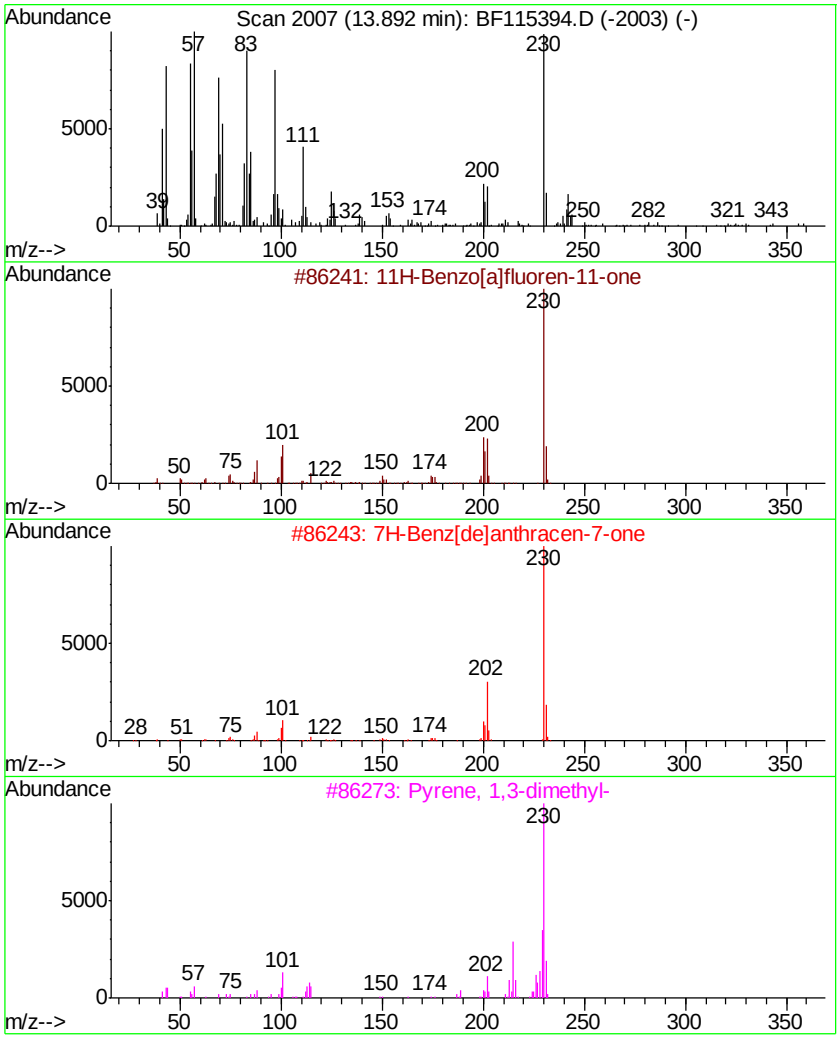
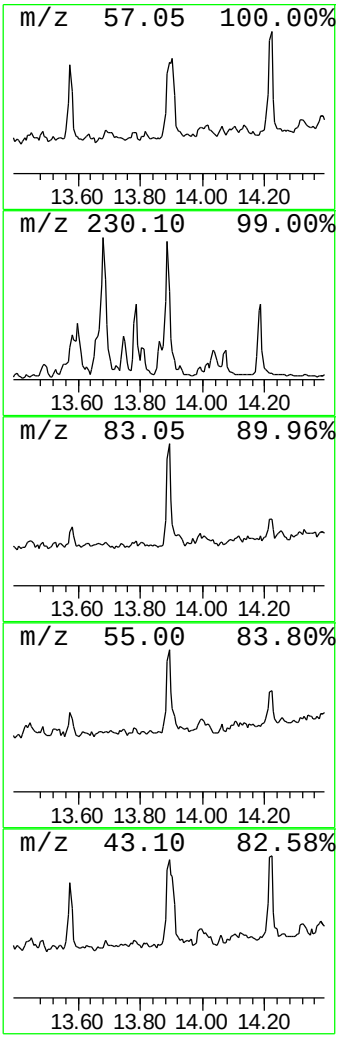
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.19 ng	509935	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	52
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	38
5	o-Terphenyl	230	C18H14	000084-15-1	38





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-A

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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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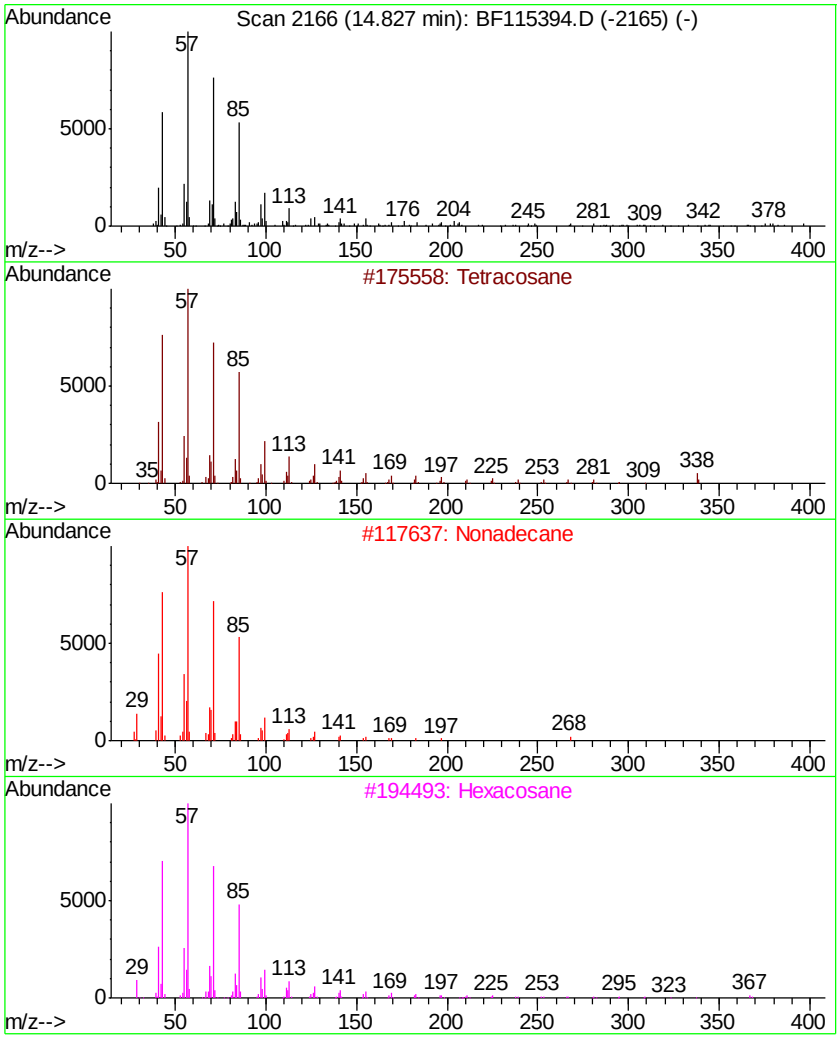
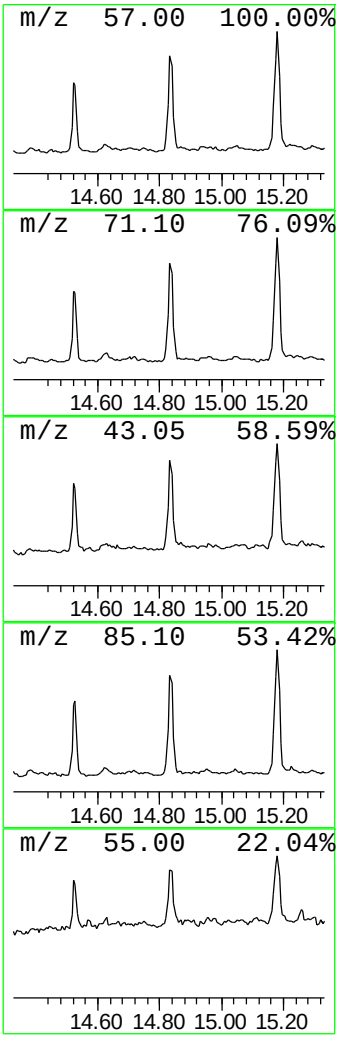
Peak Number 17 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.09 ng	256366	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115394.D
Acq On : 5 Jul 2019 17:43
Operator : HP/JU
Sample : K3622-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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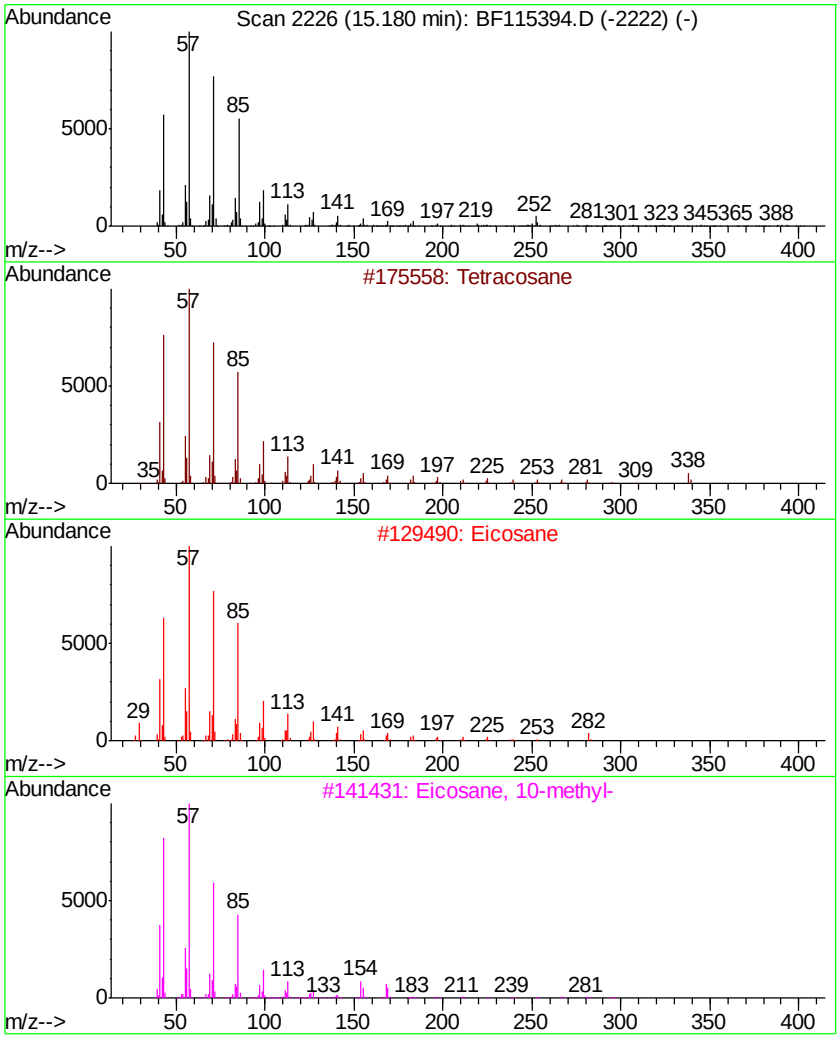
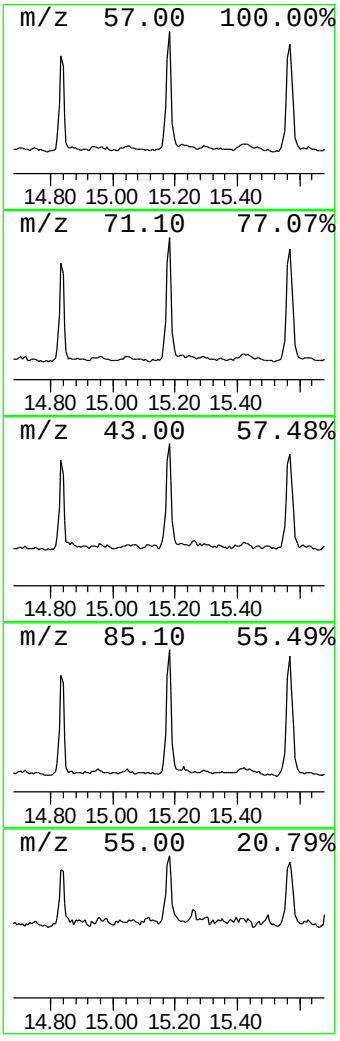
Peak Number 18 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	15.06 ng	757926	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BF115394.D
Acq On : 5 Jul 2019 17:43
Operator : HP/JU
Sample : K3622-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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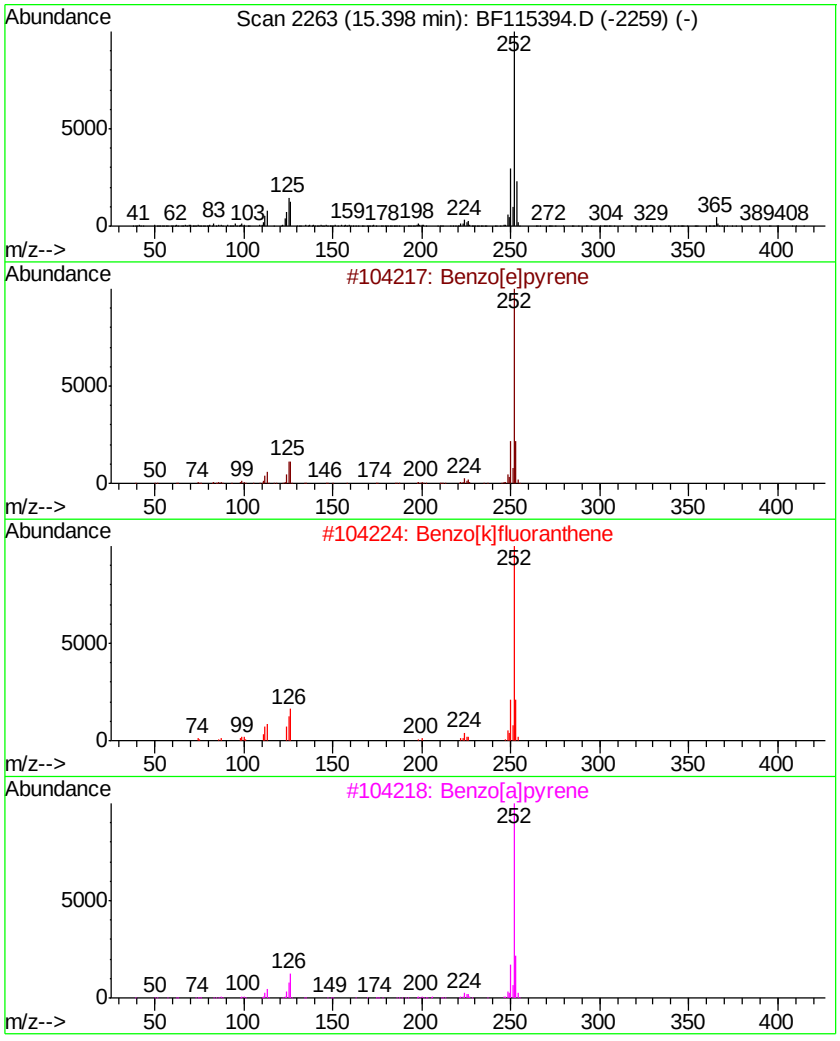
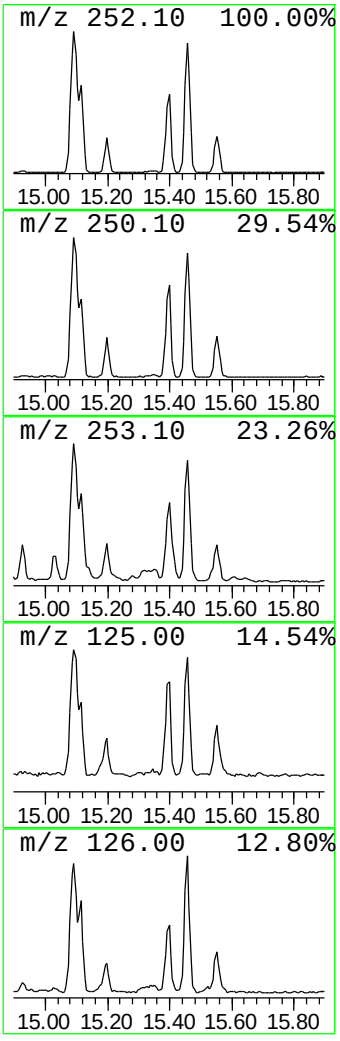
Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	13.23 ng	665651	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115394.D
Acq On : 5 Jul 2019 17:43
Operator : HP/JU
Sample : K3622-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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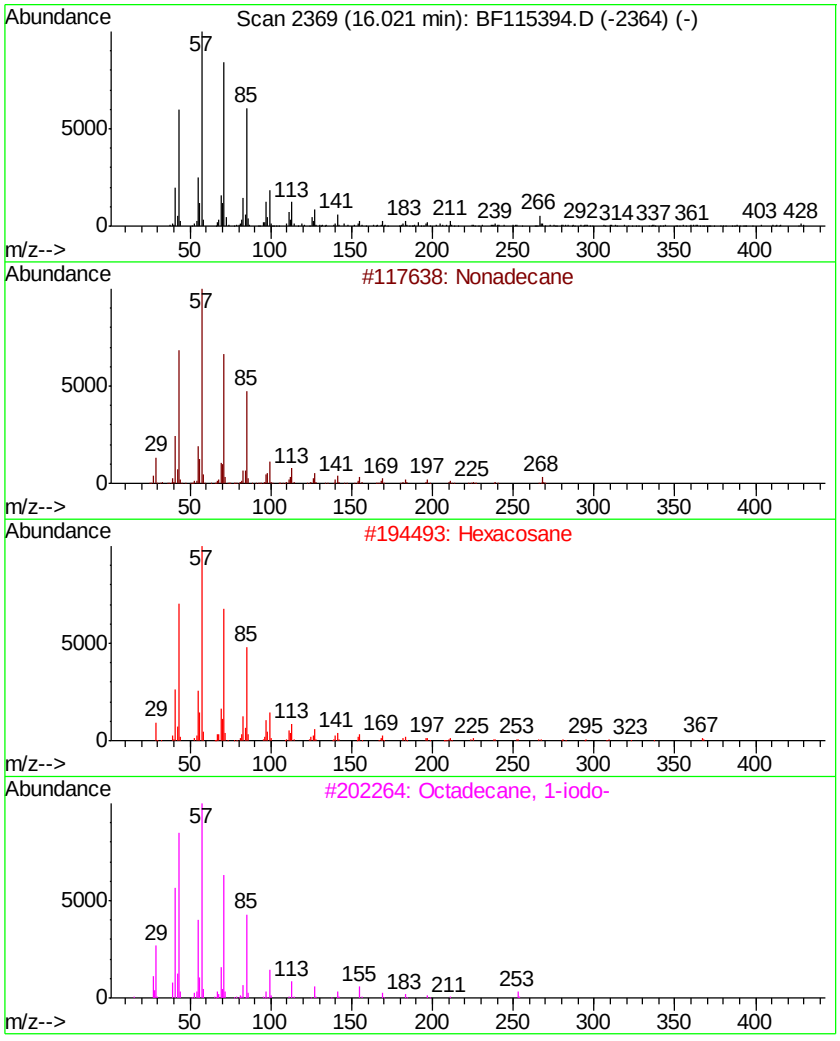
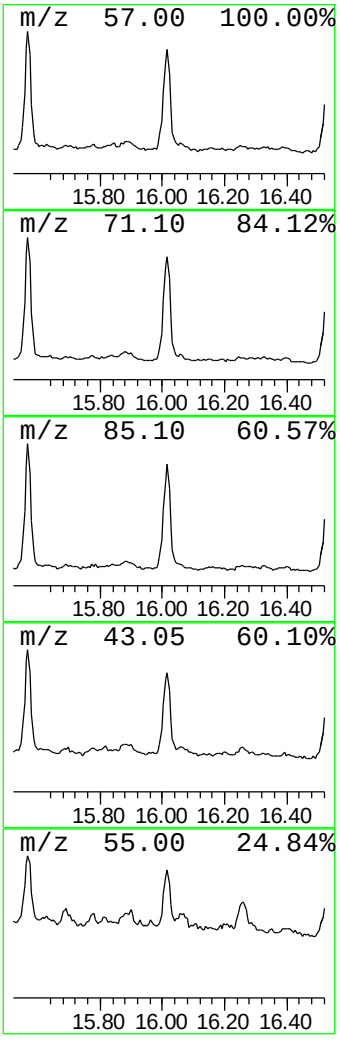
Peak Number 20 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	8.52 ng	428563	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Heptadecane	240	C17H36	000629-78-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070519\
Data File : BF115394.D
Acq On : 5 Jul 2019 17:43
Operator : HP/JU
Sample : K3622-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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...	2.16	22.5	ng	1110060	1	6.89	987302	20.0
unknown6.66	6.66	36.4	ng	1796130	1	6.89	987302	20.0
Heptadecane	10.84	2.9	ng	199847	4	11.41	1396800	20.0
Heptadecane, 2,6,...	11.32	4.0	ng	281500	4	11.41	1396800	20.0
Hexadecanoic acid...	11.81	7.0	ng	485599	4	11.41	1396800	20.0
Anthracene, 2-met...	11.94	11.2	ng	781243	4	11.41	1396800	20.0
4H-Cyclopenta[def...	12.02	6.8	ng	471289	4	11.41	1396800	20.0
Phenanthrene, 2,5...	12.46	3.6	ng	254118	4	11.41	1396800	20.0
9,12-Octadecadien...	12.49	23.3	ng	1629970	4	11.41	1396800	20.0
9-Octadecenoic ac...	12.52	26.5	ng	1852440	4	11.41	1396800	20.0
Octadecanoic acid	12.73	6.6	ng	463266	4	11.41	1396800	20.0
11H-Benzo[b]fluorene	13.18	4.1	ng	498253	5	14.05	2436270	20.0
11H-Benzo[a]fluorene	13.24	3.2	ng	393419	5	14.05	2436270	20.0
Pyrene, 1-methyl-	13.28	2.9	ng	354776	5	14.05	2436270	20.0
11H-Benzo[a]fluor...	13.89	4.2	ng	509935	5	14.05	2436270	20.0
Tetracosane	14.83	5.1	ng	256366	6	15.52	1006420	20.0
Eicosane	15.18	15.1	ng	757926	6	15.52	1006420	20.0
Benzo[e]pyrene	15.40	13.2	ng	665651	6	15.52	1006420	20.0
Nonadecane	16.02	8.5	ng	428563	6	15.52	1006420	20.0