LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112608.D
Acq On : 18 Feb 2019 18:33
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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-BF012519.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	5.028	497	500	511	rBV	58555	82071	3.98%	0.289%
2	5.451	569	572	597	rBV	1325954	1560610	75.72%	5.489%
3	6.475	742	746	764	rBV	1722364	1816456	88.13%	6.388%
4	6.598	764	767	775	rVV	2010296	1809549	87.80%	6.364%
5	6.822	802	805	812	rBV	409747	349996	16.98%	1.231%
6	6.981	828	832	845	rBV	1497150	1371815	66.56%	4.825%
7	7.387	897	901	914	rBV	1168979	1091747	52.97%	3.840%
8	8.104	1020	1023	1041	rVB	482529	481479	23.36%	1.693%
9	9.181	1202	1206	1216	rBV	2135770	1990093	96.56%	6.999%
10	9.569	1270	1272	1281	rVB	175759	161149	7.82%	0.567%
11	9.722	1295	1298	1305	rBV	62795	52286	2.54%	0.184%
12	9.857	1318	1321	1326	rBV	586435	563959	27.36%	1.983%
13	10.069	1353	1357	1360	rBV3	22932	27138	1.32%	0.095%
14	10.104	1360	1363	1367	rVB	25950	22628	1.10%	0.080%
15	10.269	1385	1391	1392	rBV3	16402	23093	1.12%	0.081%
16	10.410	1412	1415	1421	rVB3	23944	30485	1.48%	0.107%
17	10.657	1453	1457	1466	rBV	1673513	1558543	75.62%	5.481%
18	10.957	1501	1508	1511	rBV5	25997	35350	1.72%	0.124%
19	11.086	1525	1530	1532	rBV4	24293	34125	1.66%	0.120%
20	11.163	1540	1543	1546	rBV2	22971	25053	1.22%	0.088%
21	11.198	1546	1549	1553	rVV2	30036	32273	1.57%	0.114%
22	11.245	1553	1557	1562	rVB3	26097	32444	1.57%	0.114%
23	11.351	1571	1575	1577	rBV	697116	630253	30.58%	2.217%
24	11.375	1577	1579	1585	rVB	468281	368796	17.89%	1.297%
25	11.428	1585	1588	1591	rBV	104687	88458	4.29%	0.311%
26	11.586	1611	1615	1620	rBV3	39515	66006	3.20%	0.232%
27	11.633	1620	1623	1626	rVB2	29621	34356	1.67%	0.121%
28	11.692	1626	1633	1636	rBV6	20644	41292	2.00%	0.145%
29	11.816	1647	1654	1656	rBV7	16912	25303	1.23%	0.089%
30	11.869	1657	1663	1670	rVV3	298863	555152	26.94%	1.952%
31	11.927	1670	1673	1676	rVV	61786	66696	3.24%	0.235%
32	11.963	1676	1679	1681	rVV2	183113	189754	9.21%	0.667%
33	11.986	1681	1683	1688	rVB	118726	110930	5.38%	0.390%
34	12.033	1688	1691	1695	rBV4	28412	38726	1.88%	0.136%

LSC Area Percent Report

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Sample : K1518-09
Misc :
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Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.145	1706	1710	1715	rBV	84348	89900	4.36%	0.316%
36	12.186	1715	1717	1720	rVB3	57562	49839	2.42%	0.175%
37	12.292	1730	1735	1739	rBV3	46591	75045	3.64%	0.264%
38	12.327	1739	1741	1743	rVV	54490	42490	2.06%	0.149%
39	12.351	1743	1745	1748	rVB	33242	28998	1.41%	0.102%
40	12.398	1748	1753	1756	rBV	141628	180662	8.77%	0.635%
41	12.439	1756	1760	1762	rVV3	70601	118556	5.75%	0.417%
42	12.463	1762	1764	1766	rVV	52623	45900	2.23%	0.161%
43	12.498	1766	1770	1778	rVB2	101501	139667	6.78%	0.491%
44	12.569	1778	1782	1786	rBV	1086640	975733	47.34%	3.432%
45	12.604	1786	1788	1790	rVV	47714	43053	2.09%	0.151%
46	12.627	1790	1792	1794	rVV2	47636	47957	2.33%	0.169%
47	12.651	1794	1796	1804	rVV2	115648	194976	9.46%	0.686%
48	12.716	1804	1807	1809	rVV3	64358	74559	3.62%	0.262%
49	12.745	1809	1812	1815	rVV3	33384	42100	2.04%	0.148%
50	12.798	1815	1821	1826	rVV	1115450	1132612	54.95%	3.983%
51	12.851	1826	1830	1834	rVB	71327	81799	3.97%	0.288%
52	12.933	1839	1844	1847	rVV	2145811	2061048	100.00%	7.249%
53	12.963	1847	1849	1853	rVB2	53392	59854	2.90%	0.211%
54	13.022	1853	1859	1864	rBV3	99654	184566	8.95%	0.649%
55	13.127	1869	1877	1879	rBV2	133845	252974	12.27%	0.890%
56	13.151	1879	1881	1882	rVB	36734	26275	1.27%	0.092%
57	13.192	1885	1888	1890	rBV	49907	42601	2.07%	0.150%
58	13.233	1890	1895	1898	rBV2	131876	158037	7.67%	0.556%
59	13.327	1908	1911	1913	rBV	96422	86499	4.20%	0.304%
60	13.357	1913	1916	1919	rBV	98624	100835	4.89%	0.355%
61	13.492	1935	1939	1942	rBV3	93593	118765	5.76%	0.418%
62	13.645	1961	1965	1972	rVB2	147251	227272	11.03%	0.799%
63	13.751	1980	1983	1985	rBV	73790	80729	3.92%	0.284%
64	13.816	1989	1994	1998	rBV3	274528	352833	17.12%	1.241%
65	13.851	1998	2000	2006	rVB2	88130	100522	4.88%	0.354%
66	13.921	2009	2012	2013	rBV2	39913	46612	2.26%	0.164%
67	13.998	2015	2025	2028	rBV2	716883	1255881	60.93%	4.417%
68	14.021	2028	2029	2032	rVB	412031	311806	15.13%	1.097%
69	14.104	2041	2043	2045	rBV	58313	50823	2.47%	0.179%
70	14.133	2045	2048	2050	rVB	162792	130963	6.35%	0.461%
71	14.386	2089	2091	2094	rVB	96453	74748	3.63%	0.263%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	14.439	2095	2100	2102	rBV2	212324	240107	11.65%	0.844%
73	14.516	2110	2113	2115	rBV2	58615	64313	3.12%	0.226%
74	14.739	2148	2151	2155	rVB	243097	221811	10.76%	0.780%
75	15.045	2199	2203	2205	rBV	363153	487605	23.66%	1.715%
76	15.068	2205	2207	2218	rVB2	437835	572515	27.78%	2.014%
77	15.157	2219	2222	2224	rBV	89492	100537	4.88%	0.354%
78	15.351	2251	2255	2258	rBV	205257	260542	12.64%	0.916%
79	15.416	2262	2266	2268	rVV	293184	405333	19.67%	1.426%
80	15.439	2268	2270	2273	rVV	177844	211182	10.25%	0.743%
81	15.474	2273	2276	2279	rVV	325783	380845	18.48%	1.339%
82	15.504	2279	2281	2288	rVB2	85369	119946	5.82%	0.422%
83	15.868	2339	2343	2348	rVB	133119	190264	9.23%	0.669%
84	16.363	2423	2427	2434	rBV3	77974	145330	7.05%	0.511%
85	16.962	2522	2529	2536	rVB2	161744	397037	19.26%	1.396%
86	17.421	2602	2607	2615	rBV	95211	180894	8.78%	0.636%

Sum of corrected areas: 28433814

LSC Report - Integrated Chromatogram

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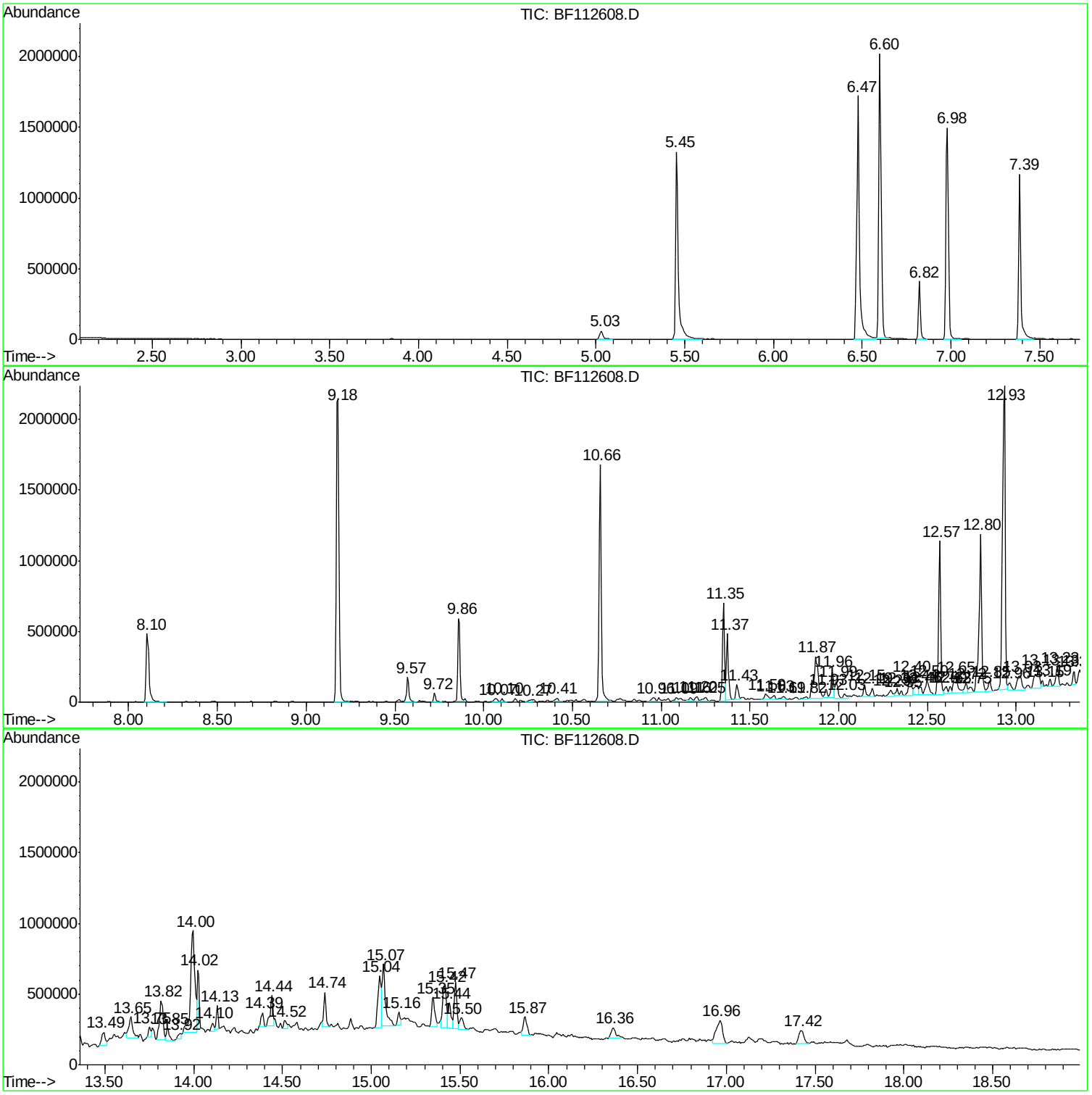
Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF021819\
Data File : BF112608.D
Acq On : 18 Feb 2019 18:33
Operator : JU/SJ
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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

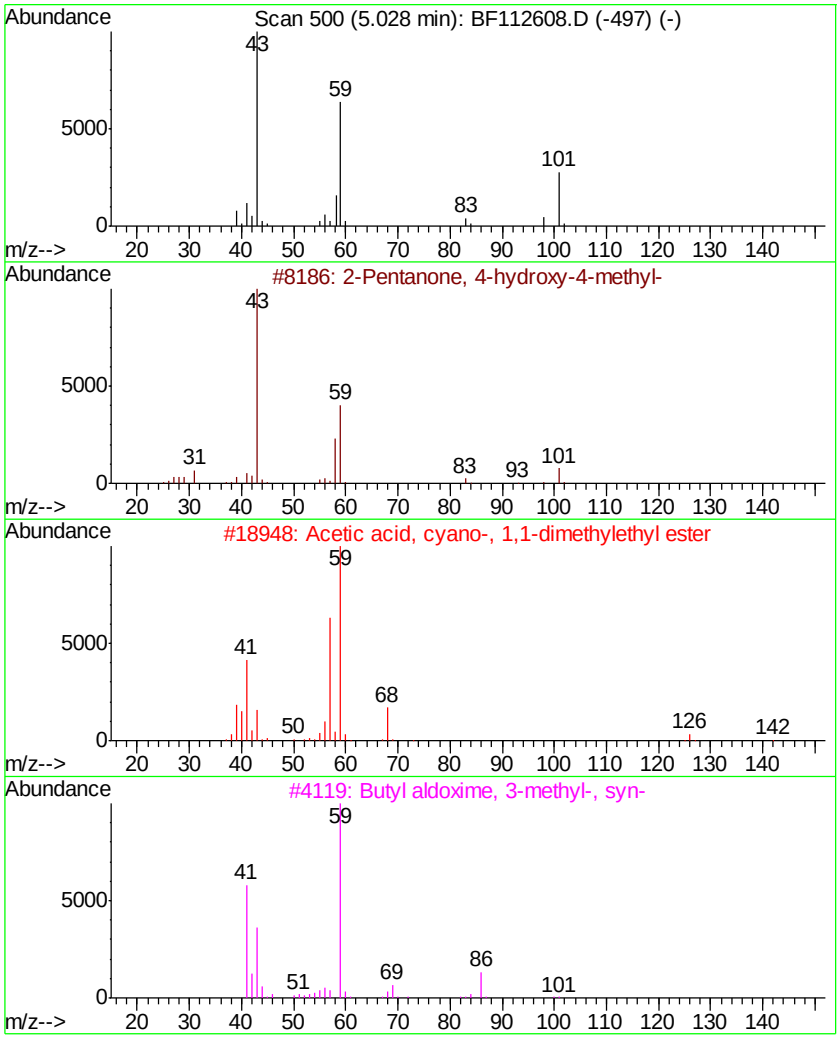
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

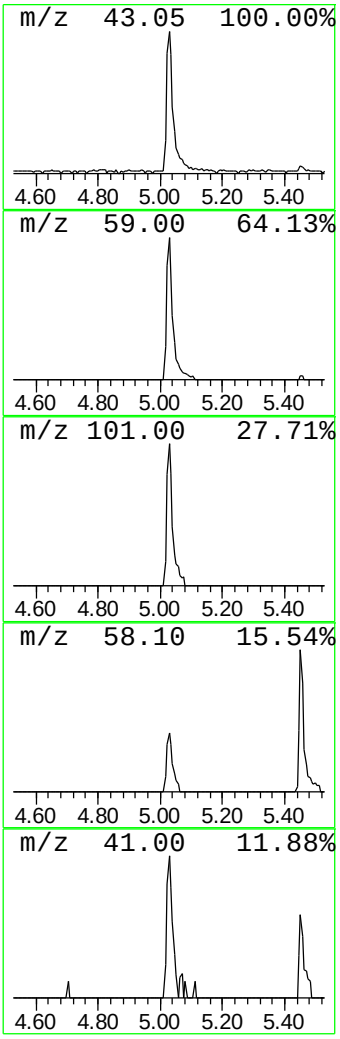
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.69 ng	82071	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

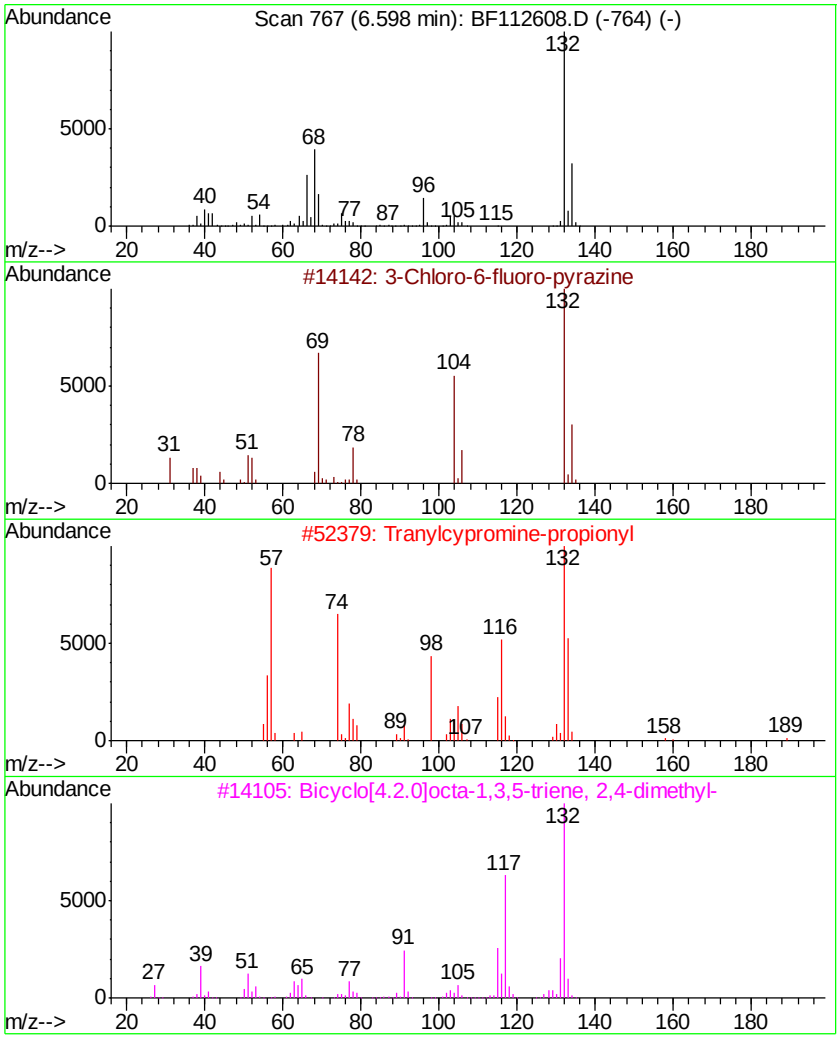
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

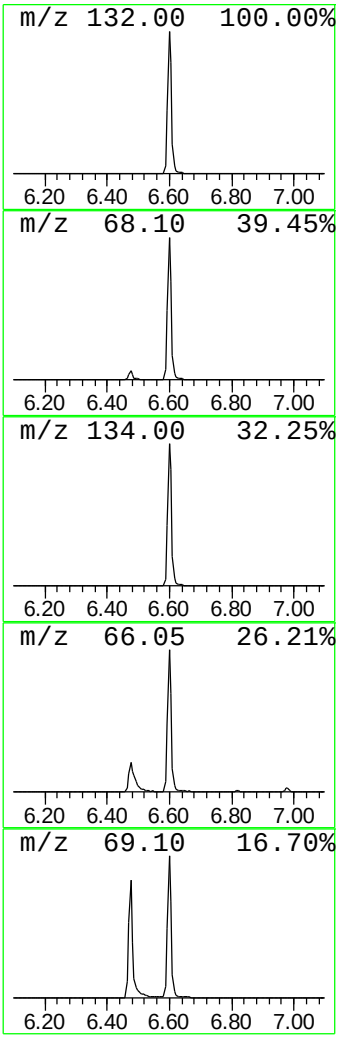
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	103.40 ng	1809550	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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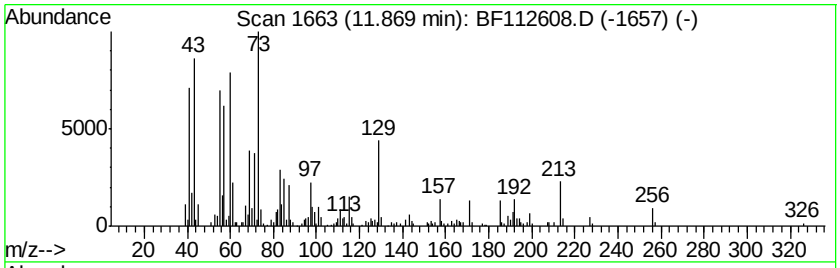
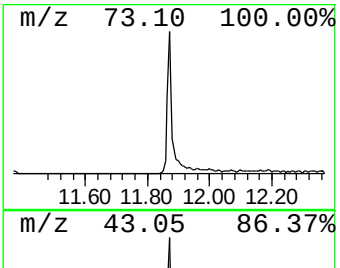
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	17.62 ng	555152	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

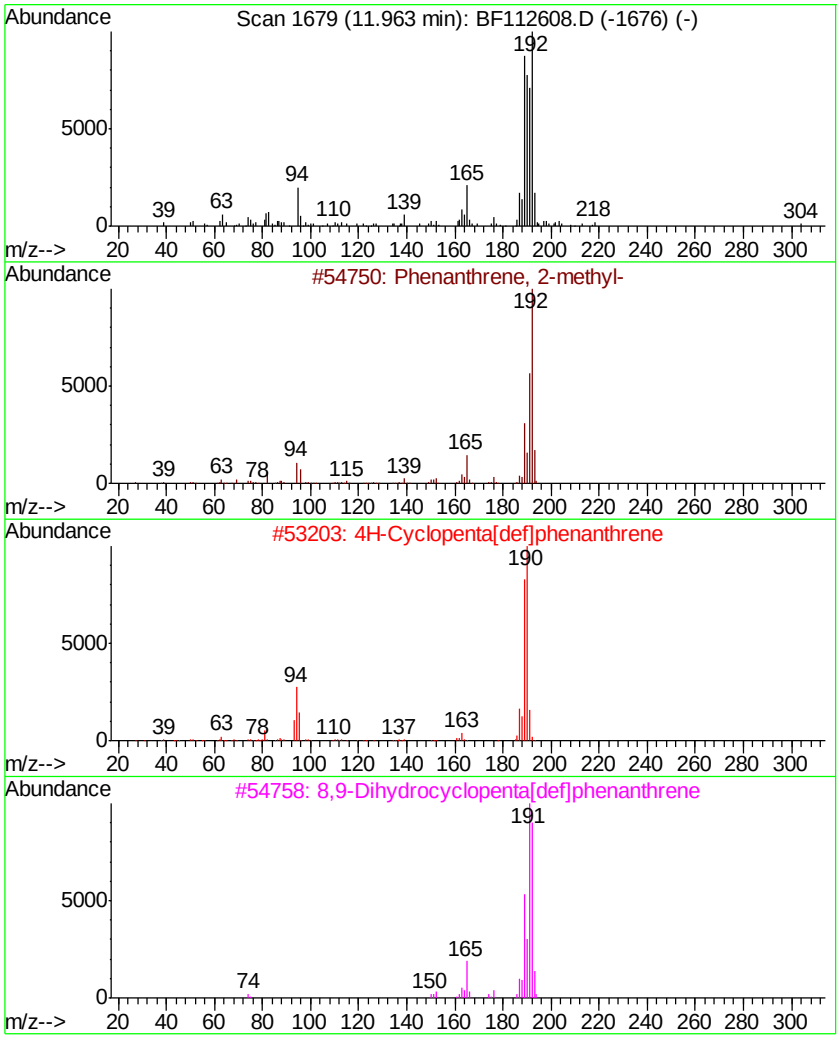
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

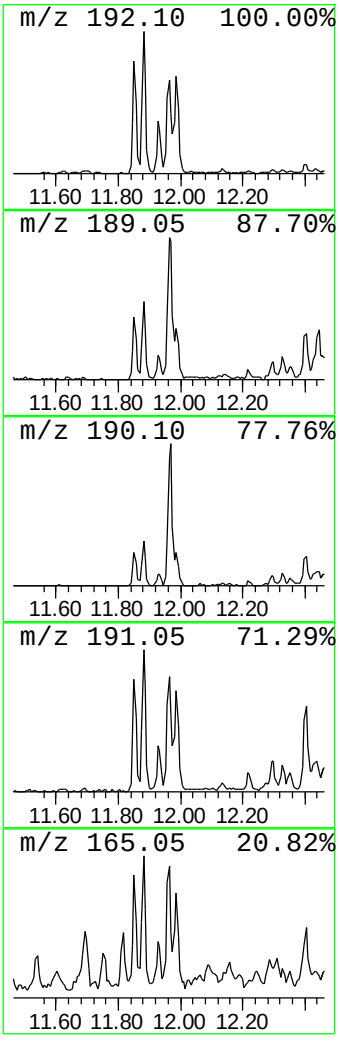
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.02 ng	189754	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

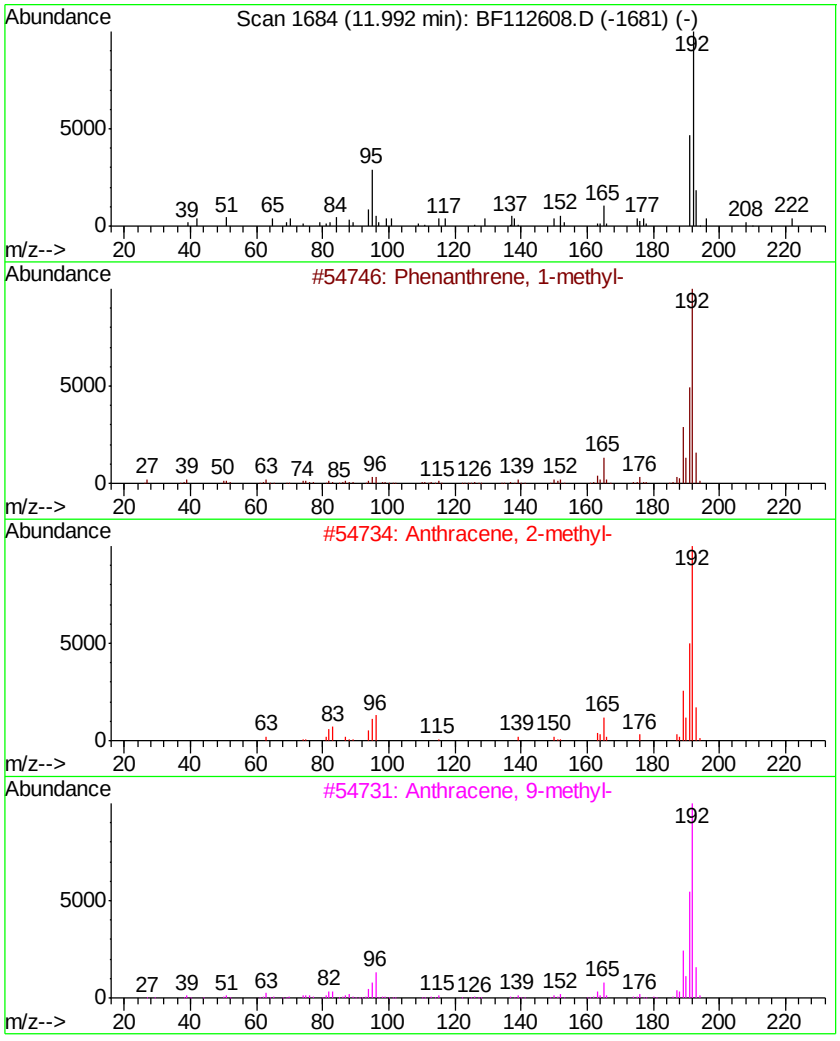
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

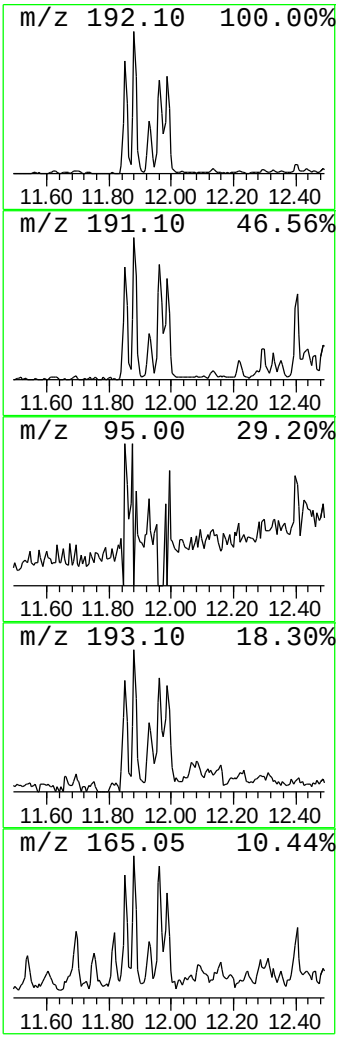
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.52 ng	110930	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





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Acq On : 18 Feb 2019 18:33
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

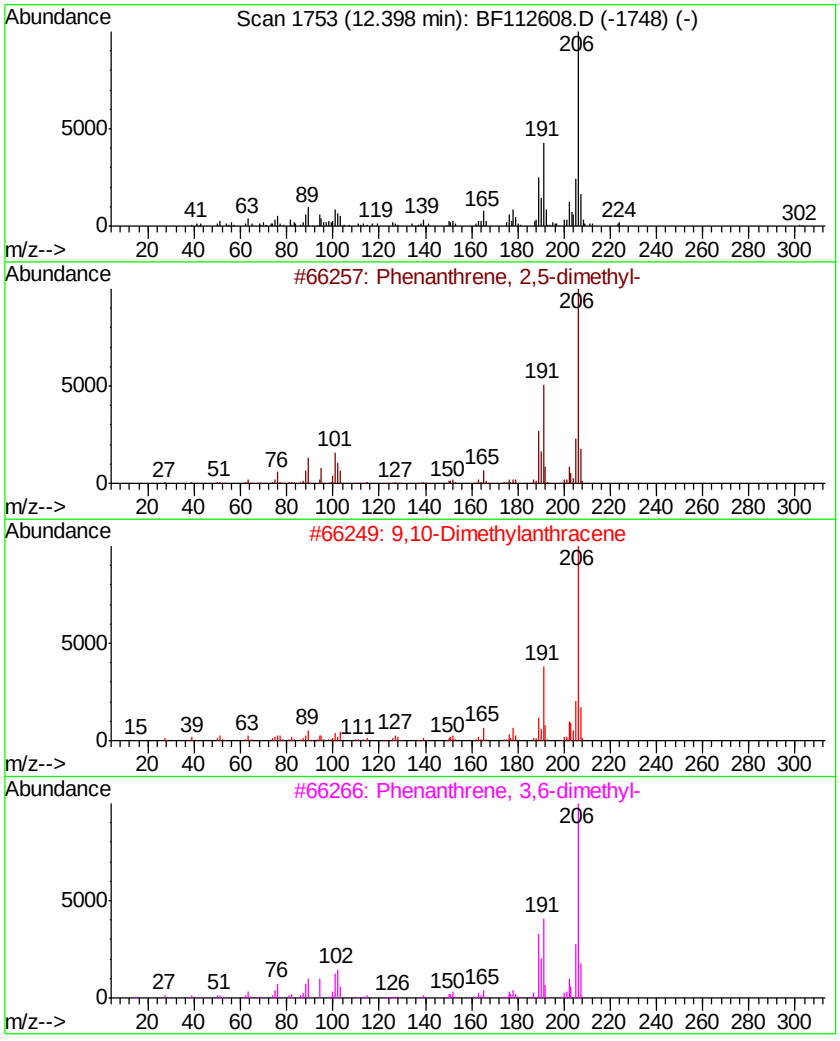
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

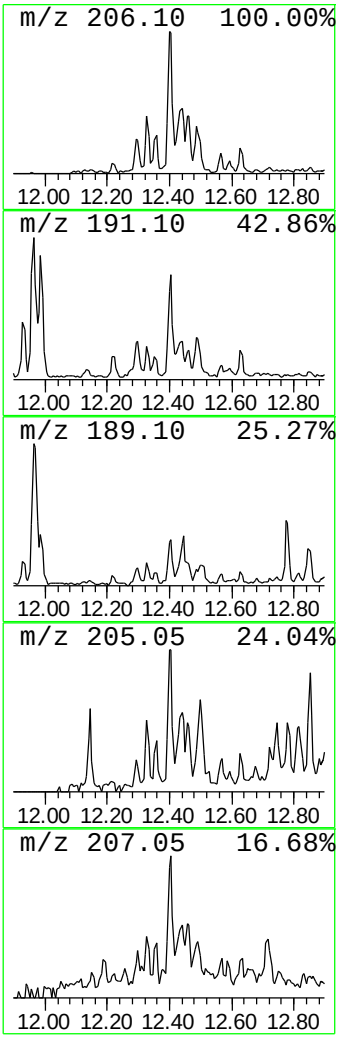
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.73 ng	180662	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





Library Search Compound Report

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Acq On : 18 Feb 2019 18:33
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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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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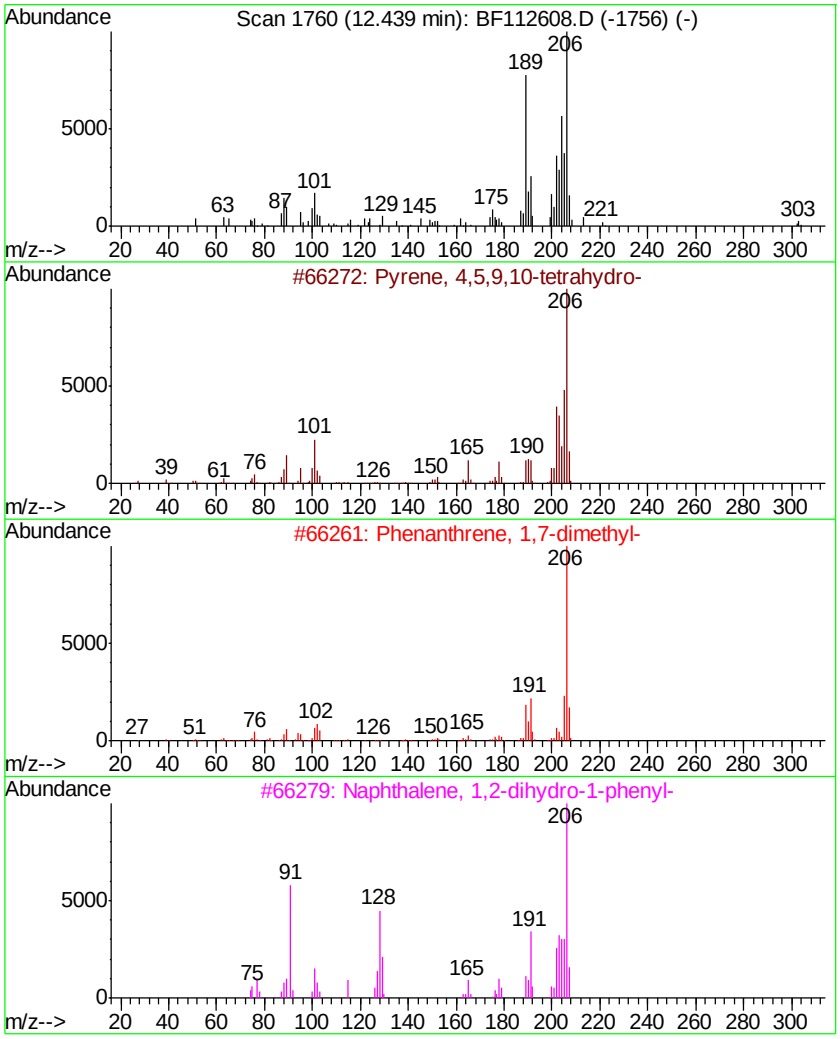
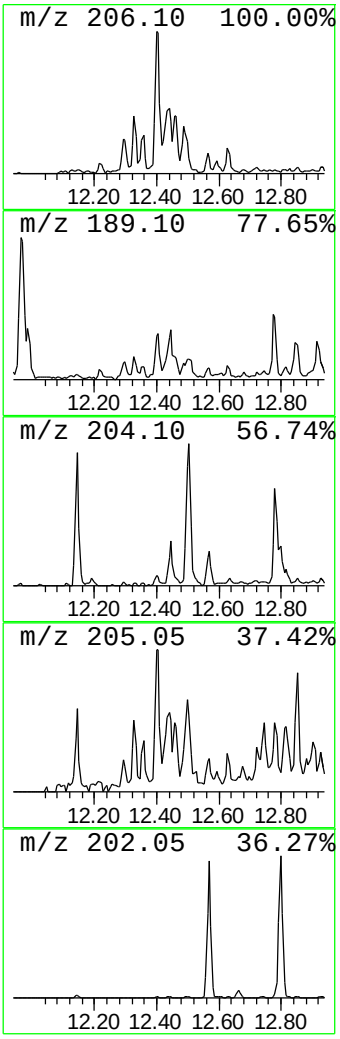
Peak Number 8 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.76 ng	118556	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	43
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	41
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	41
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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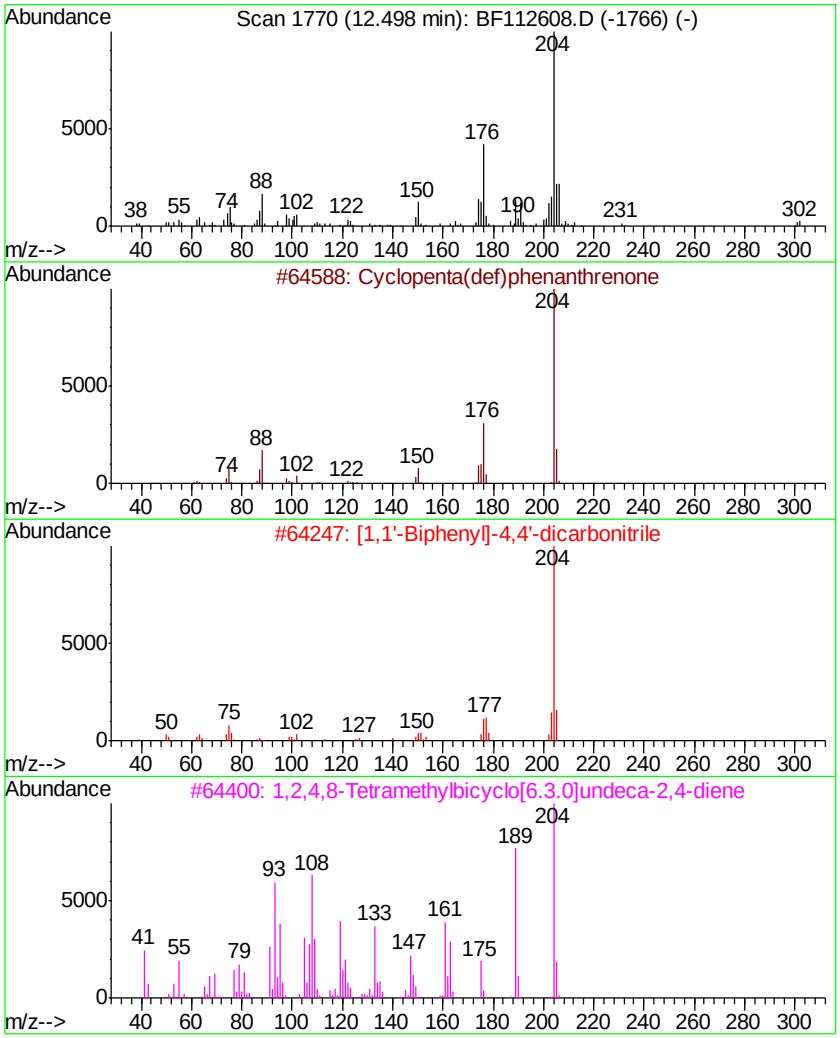
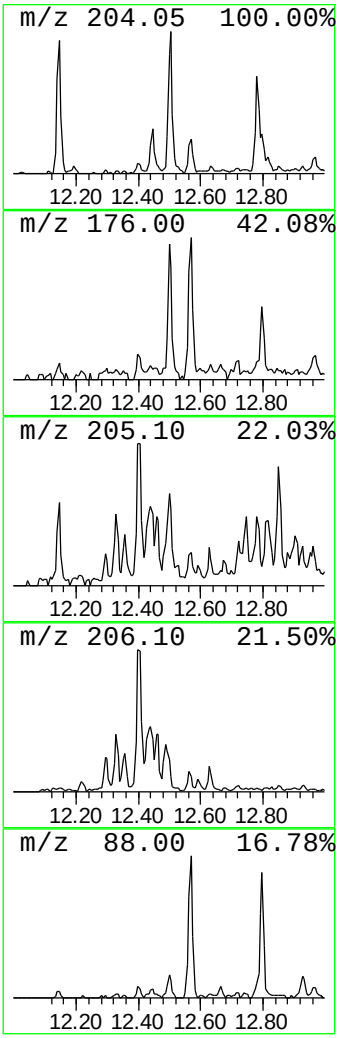
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.43 ng	139667	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	38





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

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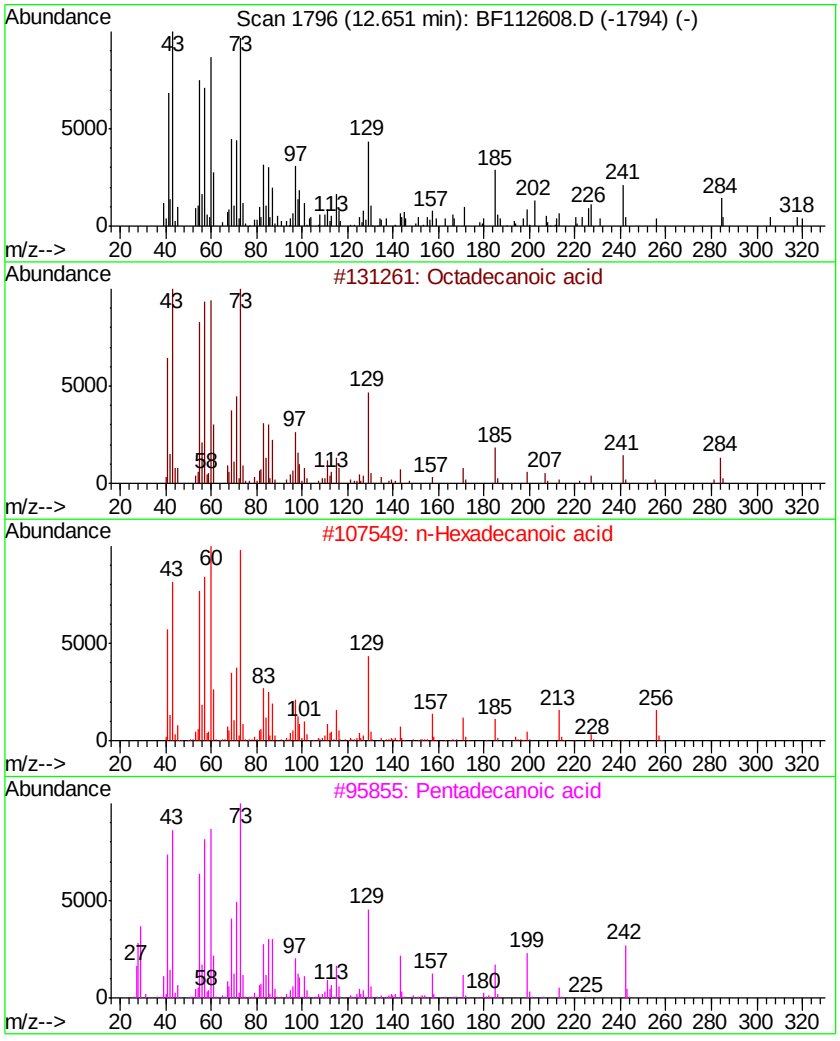
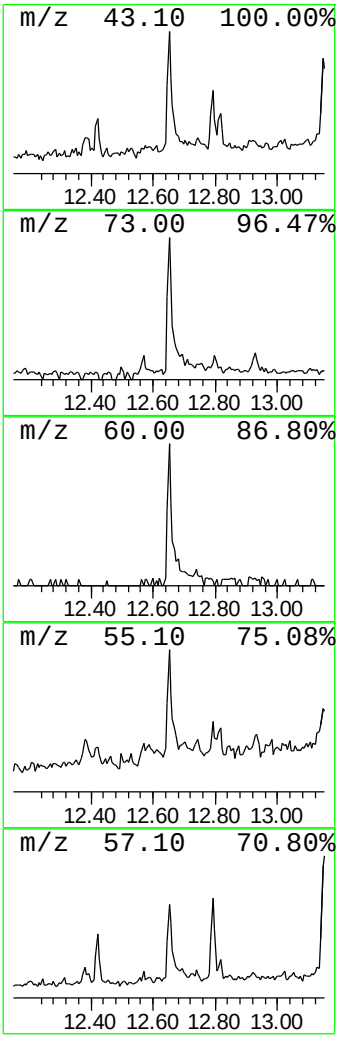
Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	6.19 ng	194976	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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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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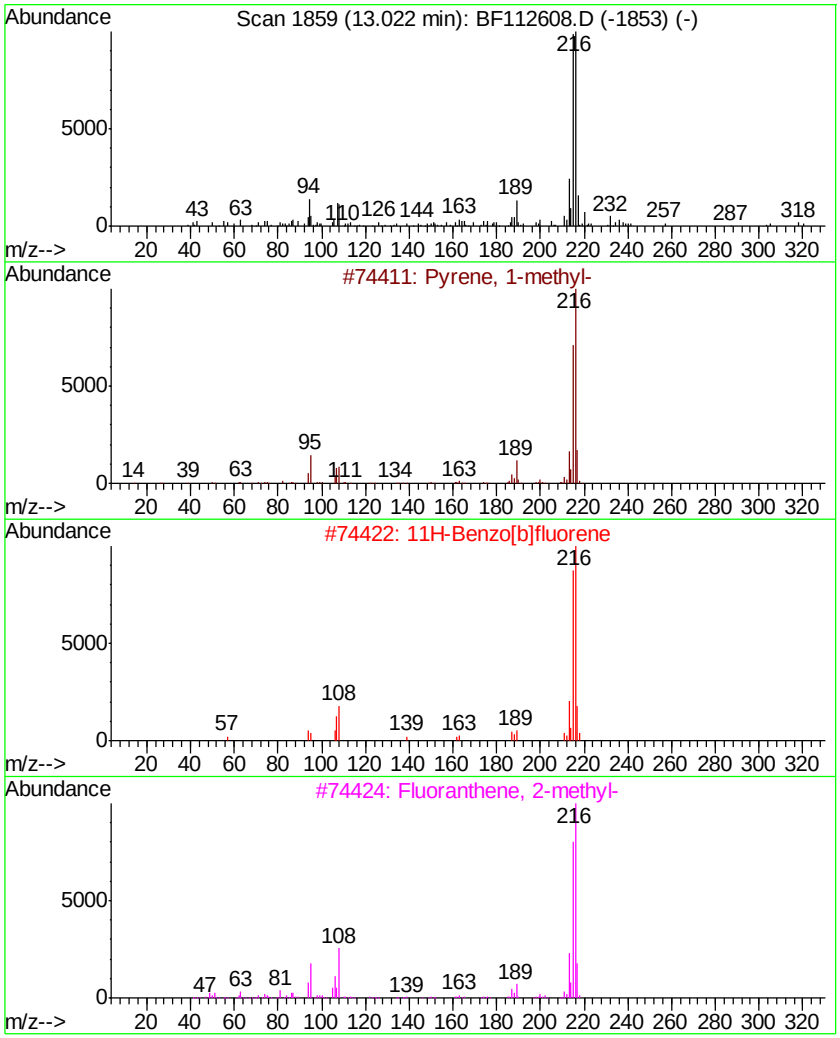
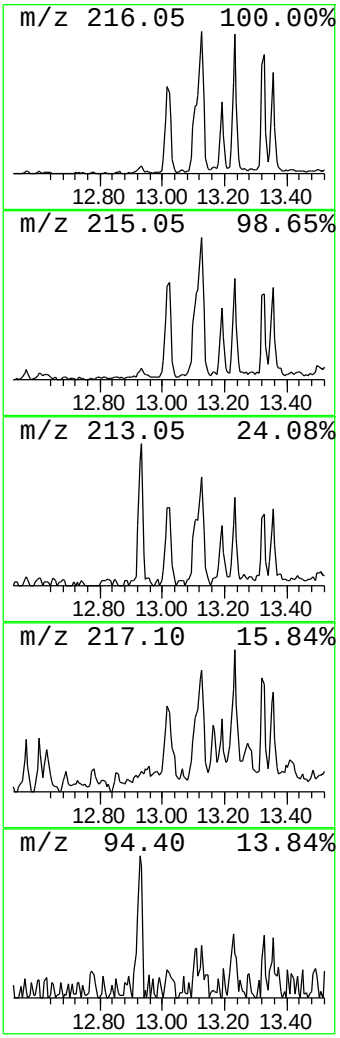
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.94 ng	184566	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Misc :
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ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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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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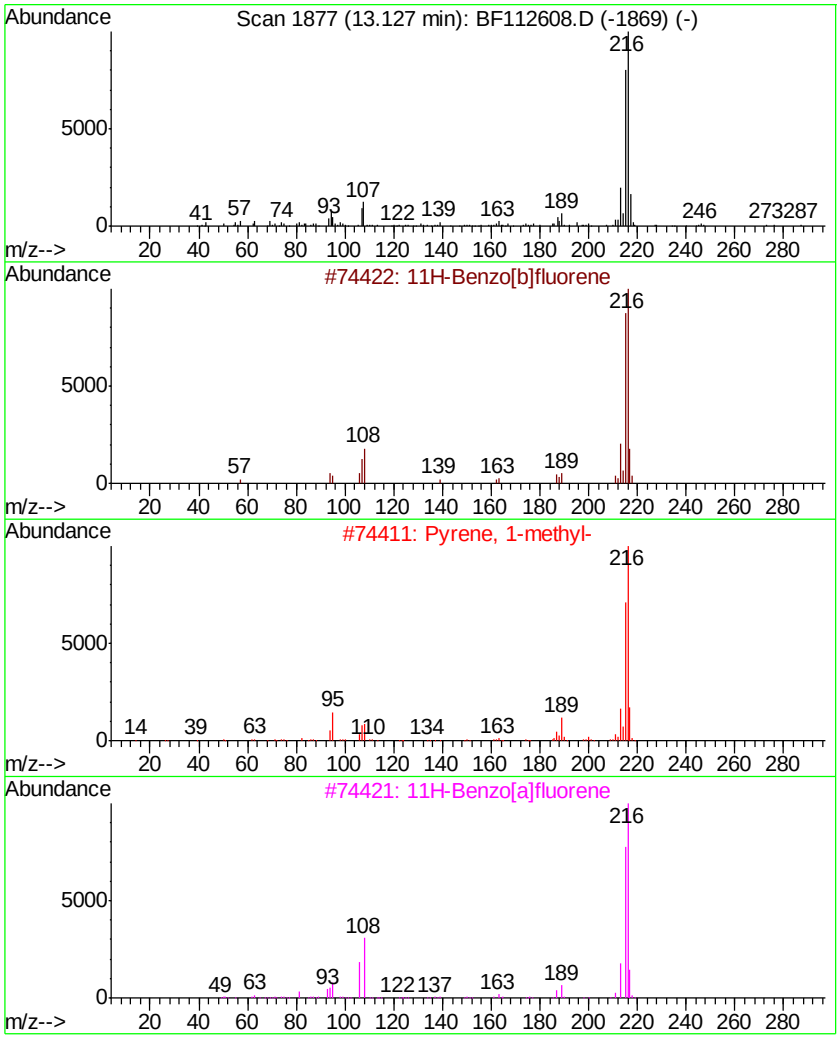
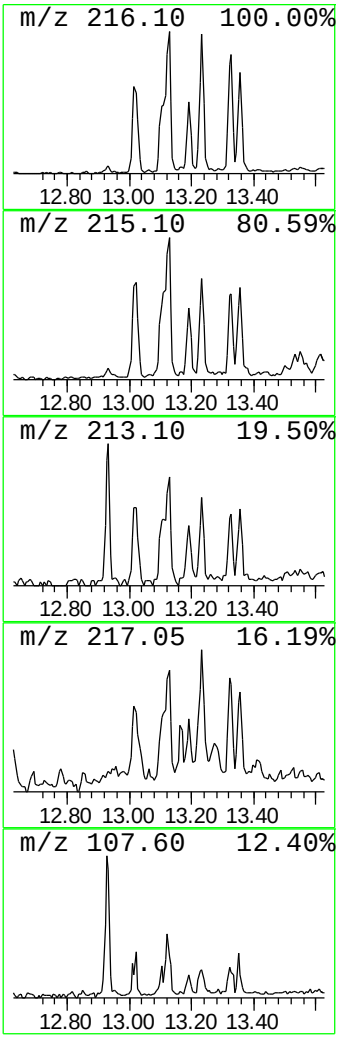
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.03 ng	252974	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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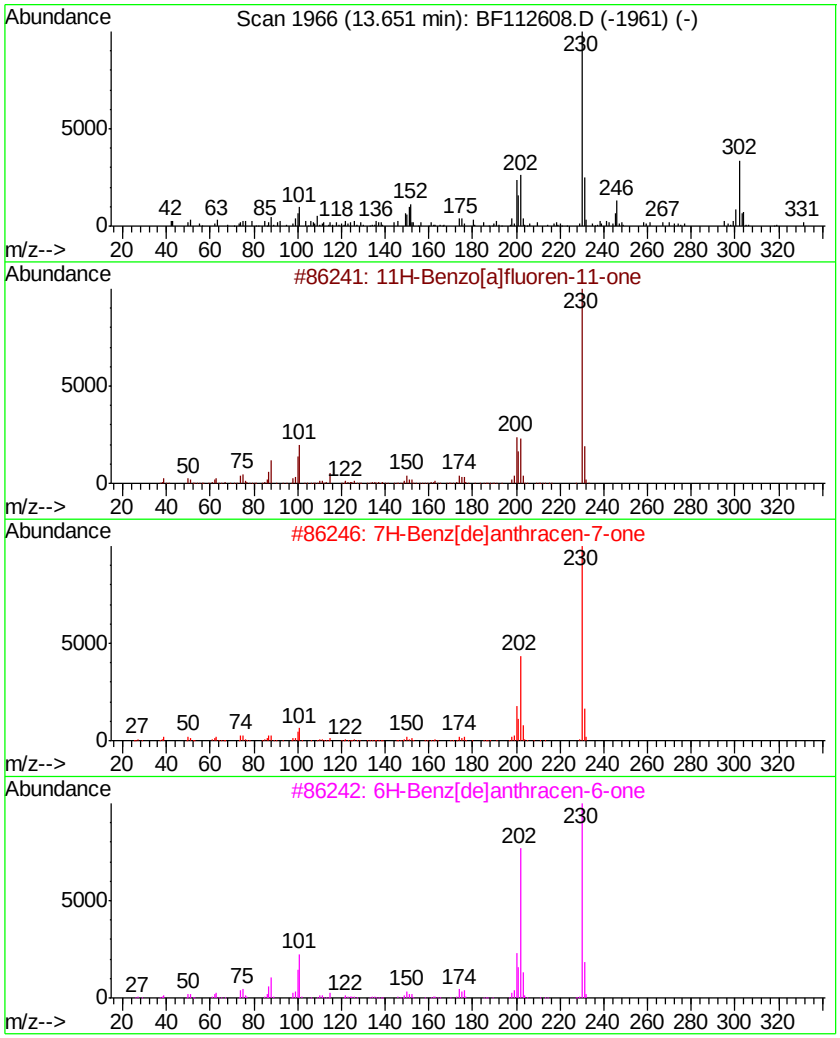
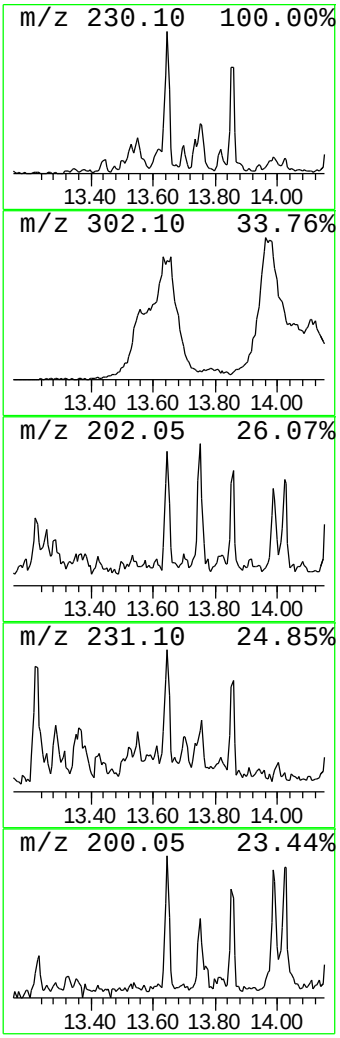
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.62 ng	227272	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	49
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	47





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Sample : K1518-09
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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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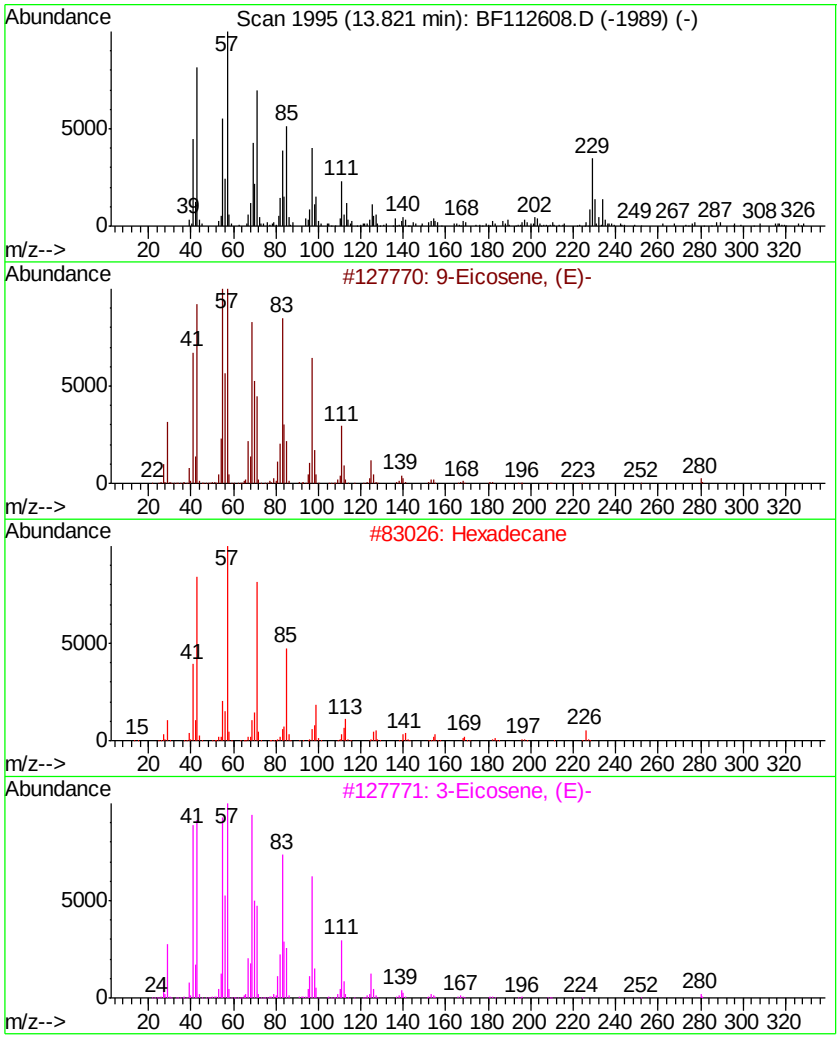
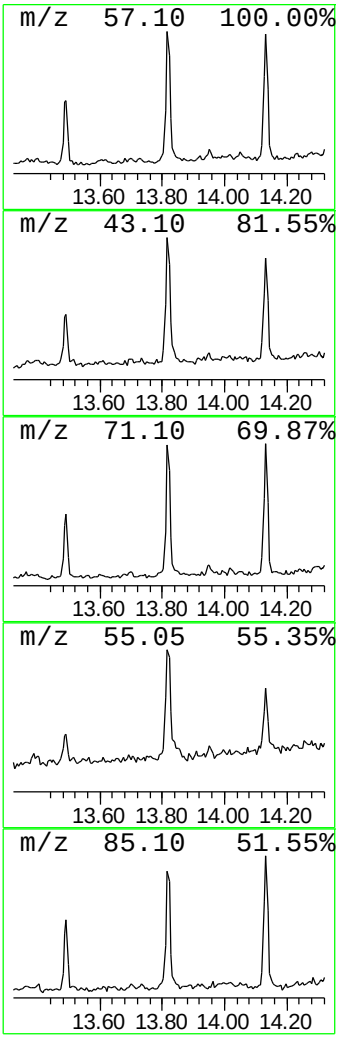
Peak Number 14 9-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.62 ng	352833	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	80
2	Hexadecane	226	C16H34	000544-76-3	78
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
4	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	70
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	70





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

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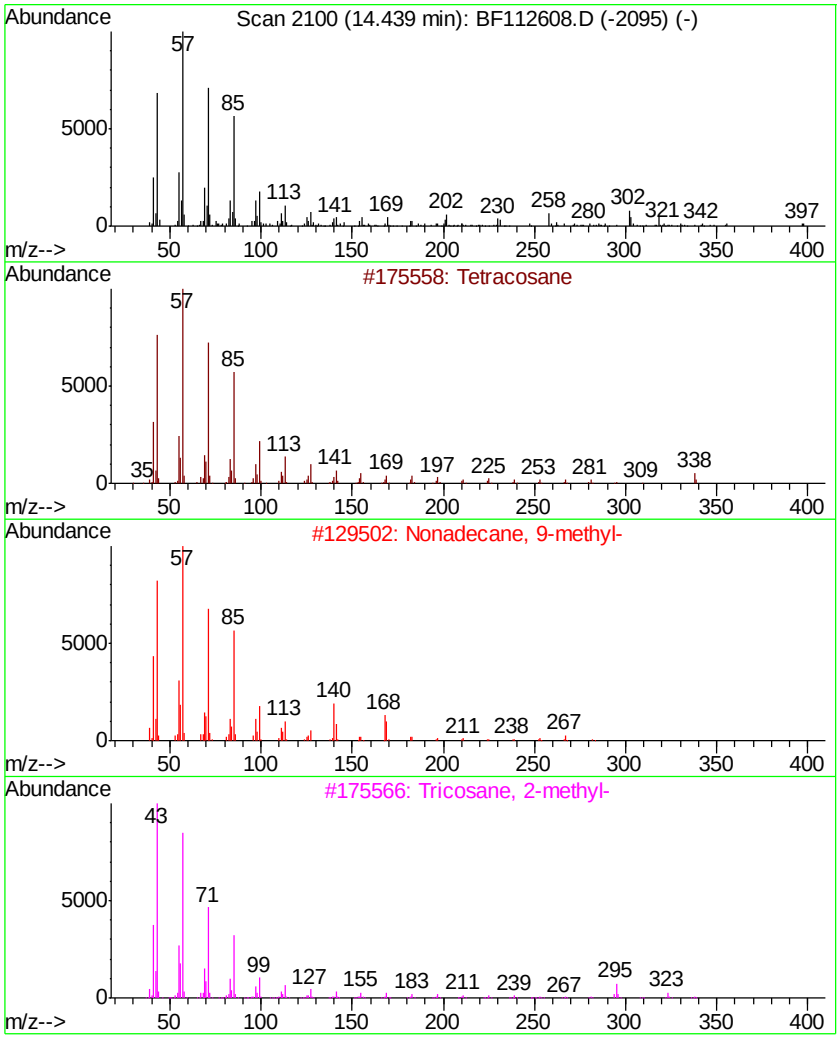
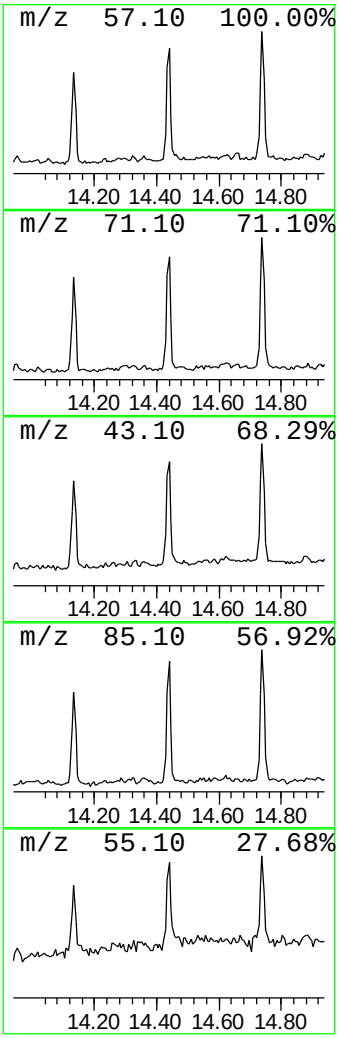
Peak Number 15 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.82 ng	240107	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81





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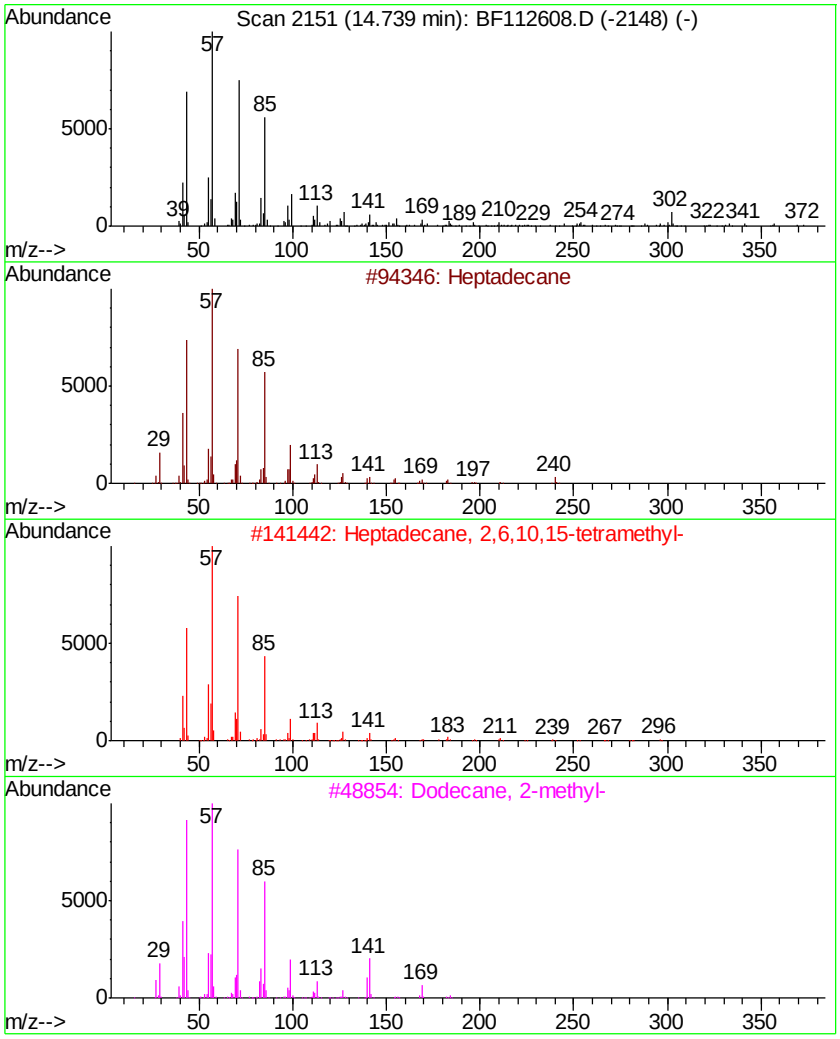
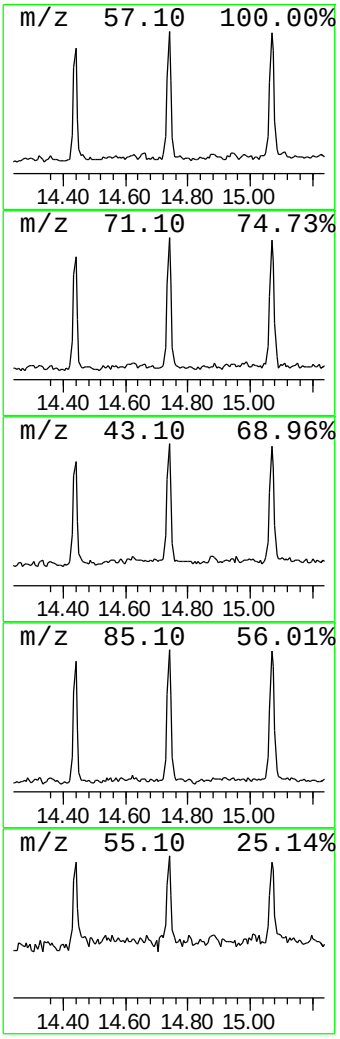
Peak Number 16 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	11.65 ng	221811	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Tetracosane	338	C24H50	000646-31-1	90





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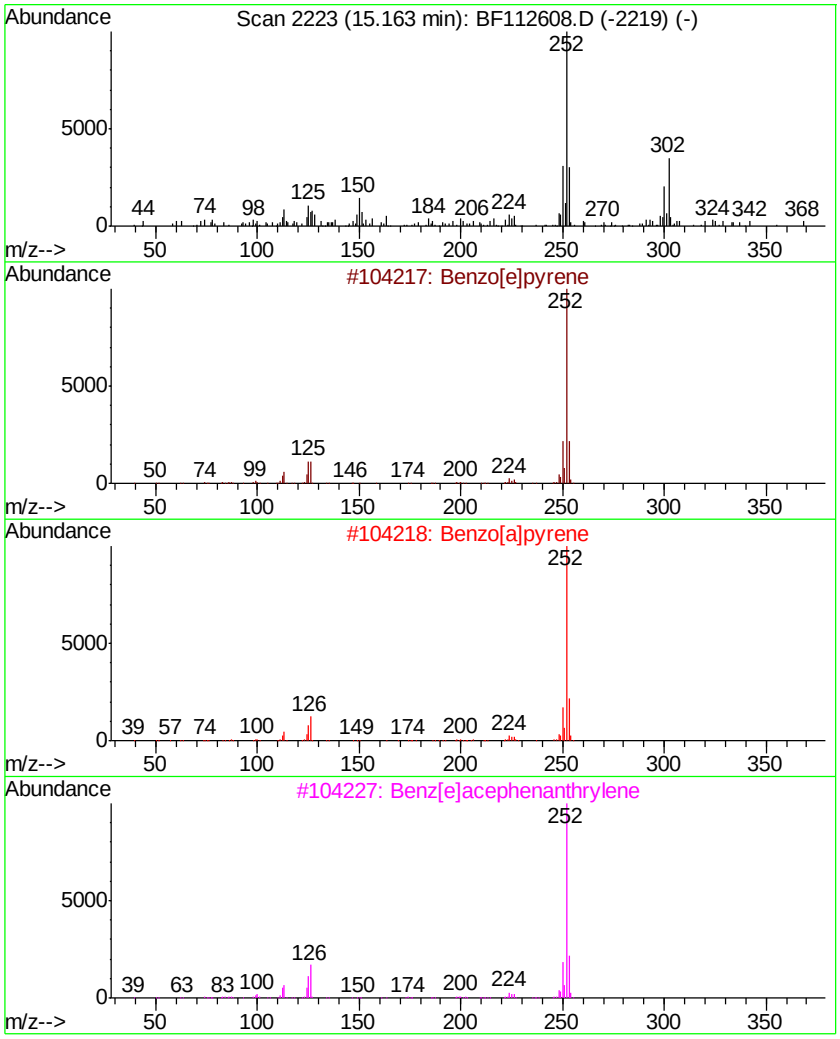
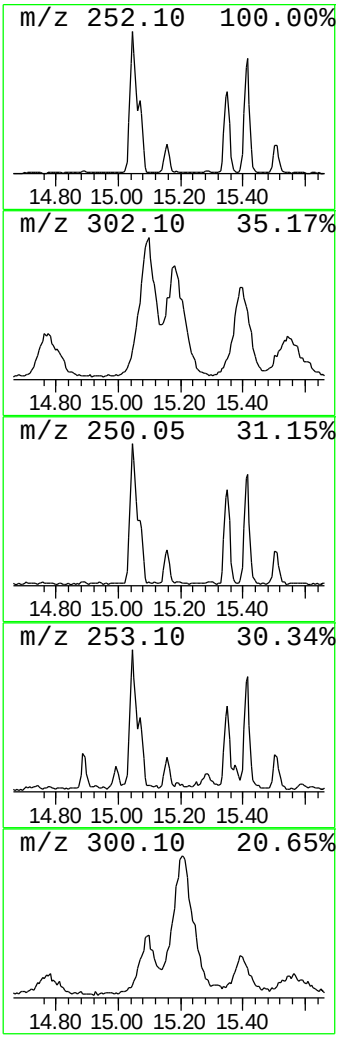
Peak Number 17 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.28 ng	100537	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	70





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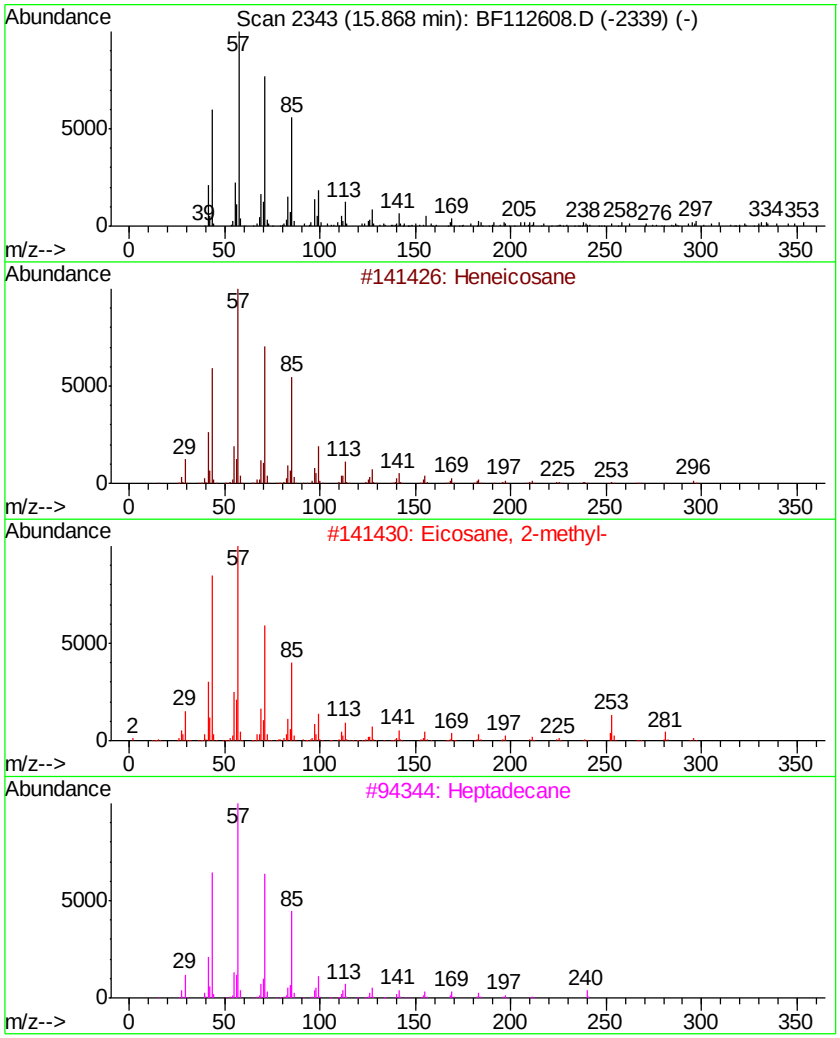
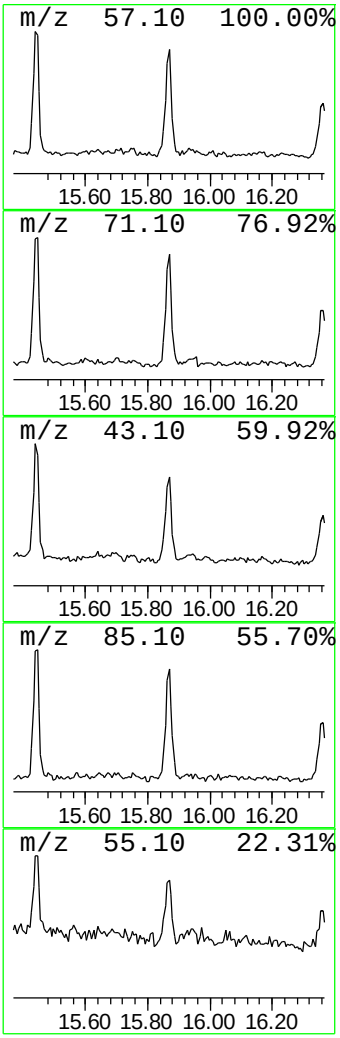
Peak Number 19 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	9.99 ng	190264	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	95
3	Heptadecane	240	C17H36	000629-78-7	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112608.D
Acq On : 18 Feb 2019 18:33
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

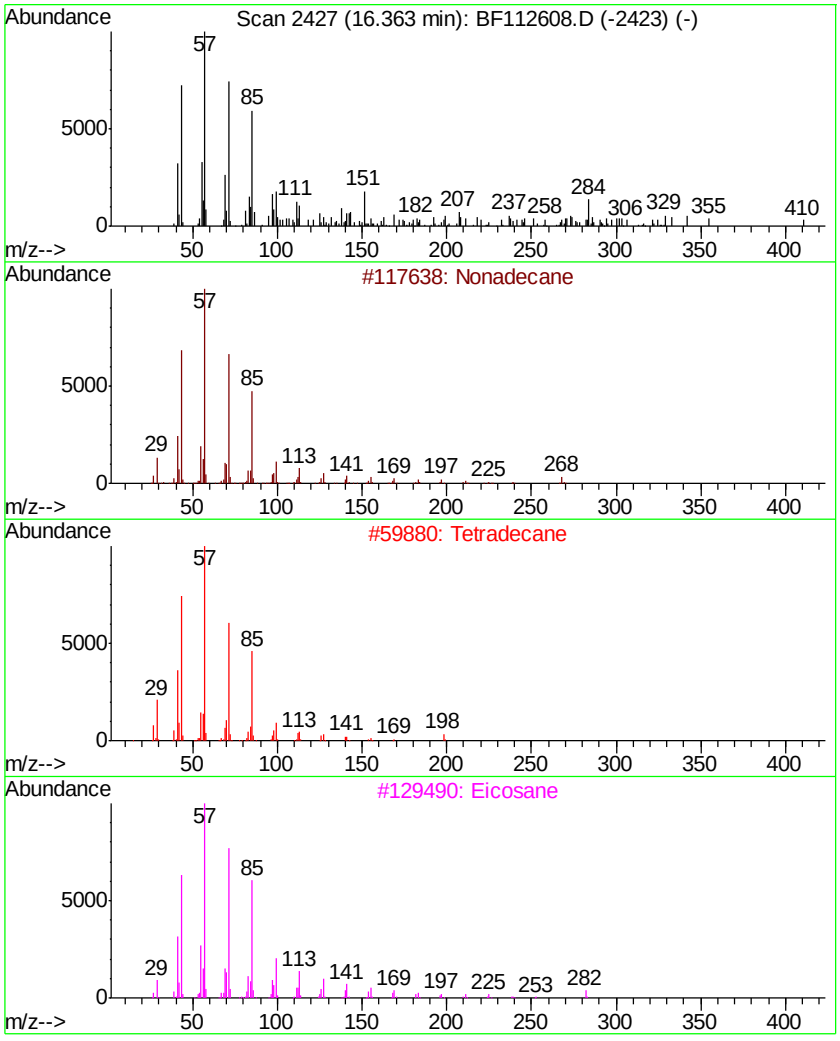
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

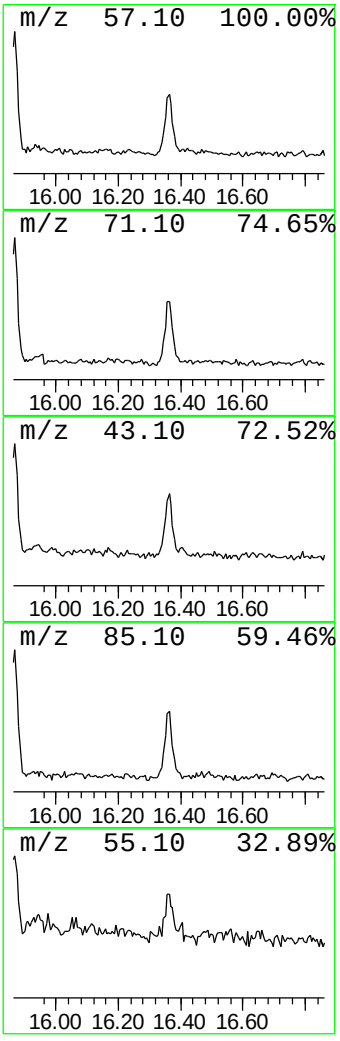
****

Peak Number 20 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	7.63 ng	145330	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	62
5	5,5-Diethylheptadecane	296	C21H44	1000360-41-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
Data File : BF112608.D
Acq On : 18 Feb 2019 18:33
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
2-Pentanone, 4-hy...	5.03	4.7	ng	82071	1	6.82	349996	20.0
unknown6.60	6.60	103.4	ng	1809550	1	6.82	349996	20.0
n-Hexadecanoic acid	11.87	17.6	ng	555152	4	11.35	630253	20.0
Phenanthrene, 2-m...	11.96	6.0	ng	189754	4	11.35	630253	20.0
Phenanthrene, 1-m...	11.99	3.5	ng	110930	4	11.35	630253	20.0
Phenanthrene, 2,5...	12.40	5.7	ng	180662	4	11.35	630253	20.0
Pyrene, 4,5,9,10-...	12.44	3.8	ng	118556	4	11.35	630253	20.0
Cyclopenta(def)ph...	12.50	4.4	ng	139667	4	11.35	630253	20.0
Octadecanoic acid	12.65	6.2	ng	194976	4	11.35	630253	20.0
Pyrene, 1-methyl-	13.02	2.9	ng	184566	5	14.00	1255880	20.0
11H-Benzo[b]fluorene	13.13	4.0	ng	252974	5	14.00	1255880	20.0
11H-Benzo[a]fluor...	13.65	3.6	ng	227272	5	14.00	1255880	20.0
9-Eicosene, (E)-	13.82	5.6	ng	352833	5	14.00	1255880	20.0
Tetracosane	14.44	3.8	ng	240107	5	14.00	1255880	20.0
Heptadecane	14.74	11.7	ng	221811	6	15.47	380845	20.0
Benzo[e]pyrene	15.16	5.3	ng	100537	6	15.47	380845	20.0
Heneicosane	15.87	10.0	ng	190264	6	15.47	380845	20.0
Nonadecane	16.36	7.6	ng	145330	6	15.47	380845	20.0