LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

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-BF032519.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	5.322	546	550	573	rBV	1940864	2222484	48.28%	3.611%
2	6.351	721	725	742	rBV	2384168	2424418	52.67%	3.939%
3	6.475	742	746	757	rVV	2466475	2399824	52.14%	3.899%
4	6.704	782	785	796	rBV	881758	718288	15.60%	1.167%
5	6.863	808	812	824	rBV	2086804	1922747	41.77%	3.124%
6	7.269	877	881	895	rBV	1537400	1524213	33.11%	2.477%
7	7.986	999	1003	1025	rBV	985013	953822	20.72%	1.550%
8	9.063	1182	1186	1197	rBV	3080366	2924101	63.53%	4.751%
9	9.457	1250	1253	1260	rBV	166032	165399	3.59%	0.269%
10	9.598	1273	1277	1287	rBV	294894	283859	6.17%	0.461%
11	9.733	1297	1300	1304	rBV	1054699	1042463	22.65%	1.694%
12	9.763	1304	1305	1311	rVB	60749	57665	1.25%	0.094%
13	10.522	1430	1434	1447	rBV	1616219	1653368	35.92%	2.686%
14	10.651	1452	1456	1462	rVB3	64995	100142	2.18%	0.163%
15	11.092	1528	1531	1533	rVV	53465	49098	1.07%	0.080%
16	11.116	1533	1535	1540	rVB2	42100	54207	1.18%	0.088%
17	11.163	1540	1543	1548	rBV	55476	62875	1.37%	0.102%
18	11.216	1548	1552	1554	rBV	1285383	1162748	25.26%	1.889%
19	11.239	1554	1556	1559	rVV	337277	292633	6.36%	0.475%
20	11.292	1561	1565	1569	rVV	405707	430281	9.35%	0.699%
21	11.445	1586	1591	1600	rBV	270786	376179	8.17%	0.611%
22	11.516	1600	1603	1607	rVB3	81790	90474	1.97%	0.147%
23	11.716	1633	1637	1639	rBV2	79834	80694	1.75%	0.131%
24	11.751	1639	1643	1648	rBV3	438209	528892	11.49%	0.859%
25	11.792	1648	1650	1653	rVB	77512	60670	1.32%	0.099%
26	11.827	1653	1656	1658	rBV	154468	161289	3.50%	0.262%
27	11.898	1665	1668	1670	rBV	53066	59802	1.30%	0.097%
28	11.922	1670	1672	1674	rVV	120499	90376	1.96%	0.147%
29	12.010	1684	1687	1689	rVV	74779	77640	1.69%	0.126%
30	12.039	1689	1692	1696	rVB	216840	201436	4.38%	0.327%
31	12.157	1707	1712	1715	rBV4	68650	94298	2.05%	0.153%
32	12.263	1727	1730	1733	rBV	119298	123243	2.68%	0.200%
33	12.304	1733	1737	1742	rVB3	143540	204916	4.45%	0.333%
34	12.351	1742	1745	1749	rBV	243150	236001	5.13%	0.383%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.427	1753	1758	1761	rBV	2725343	2552259	55.45%	4.147%
36	12.486	1766	1768	1771	rVB	74174	67847	1.47%	0.110%
37	12.533	1771	1776	1779	rBV2	756706	998102	21.68%	1.622%
38	12.651	1790	1796	1799	rBV2	2561775	2887706	62.74%	4.692%
39	12.704	1802	1805	1809	rVB2	133577	164987	3.58%	0.268%
40	12.798	1813	1821	1828	rBV	3186930	3652727	79.36%	5.935%
41	12.868	1828	1833	1837	rBV3	290304	446185	9.69%	0.725%
42	12.957	1845	1848	1850	rBV3	287082	392562	8.53%	0.638%
43	12.980	1850	1852	1855	rVB2	354564	306814	6.67%	0.499%
44	13.045	1858	1863	1865	rBV2	243316	279092	6.06%	0.453%
45	13.080	1865	1869	1877	rVB2	433270	567097	12.32%	0.921%
46	13.139	1877	1879	1882	rBV	84840	74162	1.61%	0.120%
47	13.174	1882	1885	1888	rBV	246934	215877	4.69%	0.351%
48	13.204	1888	1890	1894	rVV2	196908	191788	4.17%	0.312%
49	13.263	1898	1900	1903	rBV2	67730	75143	1.63%	0.122%
50	13.357	1913	1916	1917	rBV2	80457	77519	1.68%	0.126%
51	13.421	1925	1927	1930	rVB3	96427	88051	1.91%	0.143%
52	13.463	1931	1934	1935	rBV2	91299	83080	1.80%	0.135%
53	13.486	1935	1938	1942	rVB	536716	505713	10.99%	0.822%
54	13.592	1953	1956	1959	rBV	433500	452793	9.84%	0.736%
55	13.621	1959	1961	1963	rVV	363470	283690	6.16%	0.461%
56	13.645	1963	1965	1971	rVB3	367564	437952	9.51%	0.712%
57	13.698	1971	1974	1976	rBV	418613	376677	8.18%	0.612%
58	13.727	1976	1979	1983	rVB	236642	253986	5.52%	0.413%
59	13.839	1991	1998	2002	rBV2	1788217	3442037	74.78%	5.593%
60	13.874	2002	2004	2007	rVB	1981630	1575032	34.22%	2.559%
61	13.951	2015	2017	2019	rBV	161414	107034	2.33%	0.174%
62	13.974	2019	2021	2023	rVV3	87330	64582	1.40%	0.105%
63	14.015	2025	2028	2030	rVV3	175002	195594	4.25%	0.318%
64	14.063	2033	2036	2041	rVB2	157520	231784	5.04%	0.377%
65	14.110	2041	2044	2046	rBV2	119544	111772	2.43%	0.182%
66	14.163	2051	2053	2056	rBV3	66158	52345	1.14%	0.085%
67	14.192	2056	2058	2060	rBV2	125483	124402	2.70%	0.202%
68	14.233	2060	2065	2067	rBV	312194	357983	7.78%	0.582%
69	14.263	2067	2070	2071	rBV3	190149	171214	3.72%	0.278%
70	14.315	2076	2079	2083	rVB4	300428	338346	7.35%	0.550%
71	14.357	2083	2086	2087	rBV2	270201	265367	5.77%	0.431%

LSC Area Percent Report

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Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.374	2087	2089	2092	rVB	328721	274340	5.96%	0.446%
73	14.539	2114	2117	2121	rBV	201168	211088	4.59%	0.343%
74	14.610	2126	2129	2135	rVB2	343193	367606	7.99%	0.597%
75	14.710	2143	2146	2149	rVB2	227669	240138	5.22%	0.390%
76	14.786	2157	2159	2161	rBV	118760	94148	2.05%	0.153%
77	14.862	2166	2172	2179	rBV2	2304703	4603013	100.00%	7.479%
78	14.921	2179	2182	2186	rVV2	479756	521612	11.33%	0.848%
79	14.957	2186	2188	2192	rVB	381059	365578	7.94%	0.594%
80	15.039	2199	2202	2209	rBV3	126567	225191	4.89%	0.366%
81	15.145	2215	2220	2225	rVB	1339766	1692640	36.77%	2.750%
82	15.198	2225	2229	2233	rBV	1160877	1334902	29.00%	2.169%
83	15.257	2234	2239	2250	rVB3	961904	2075878	45.10%	3.373%
84	15.668	2305	2309	2313	rBV	327315	414720	9.01%	0.674%
85	15.774	2325	2327	2331	rVB2	85082	103637	2.25%	0.168%
86	16.127	2383	2387	2393	rVB2	152147	237527	5.16%	0.386%
87	16.621	2464	2471	2476	rBV	831783	1582995	34.39%	2.572%
88	16.786	2492	2499	2503	rBV2	313306	670360	14.56%	1.089%
89	17.027	2534	2540	2556	rVB	563413	1230112	26.72%	1.999%

Sum of corrected areas: 61545331

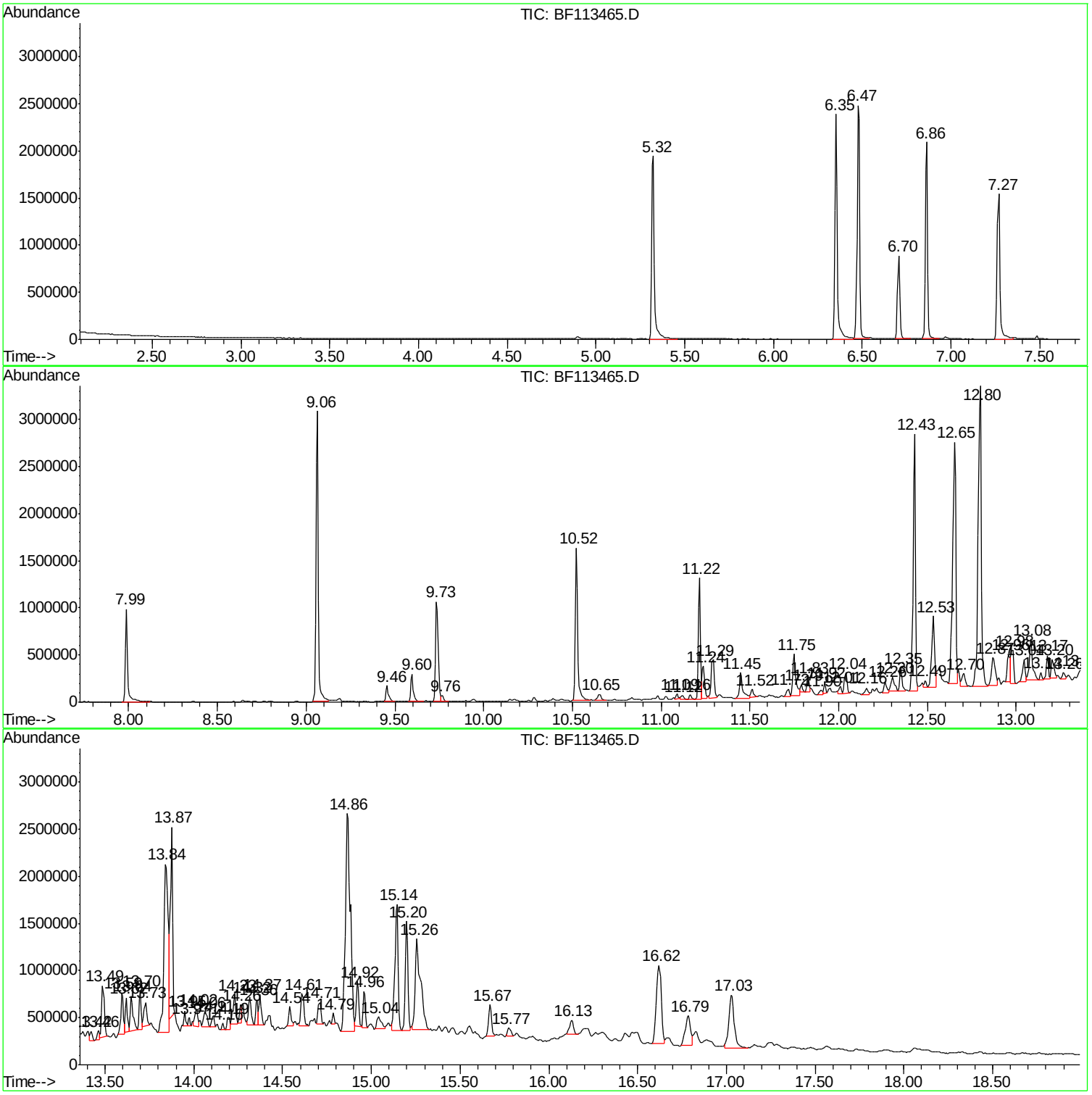
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

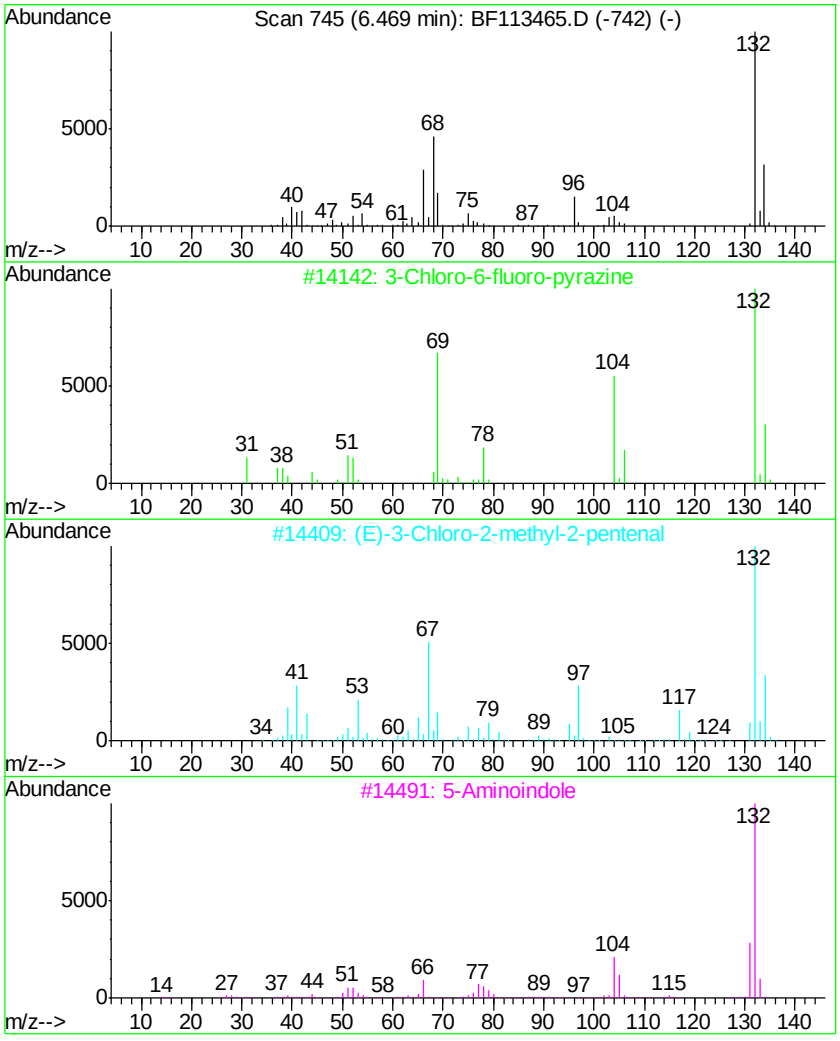
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

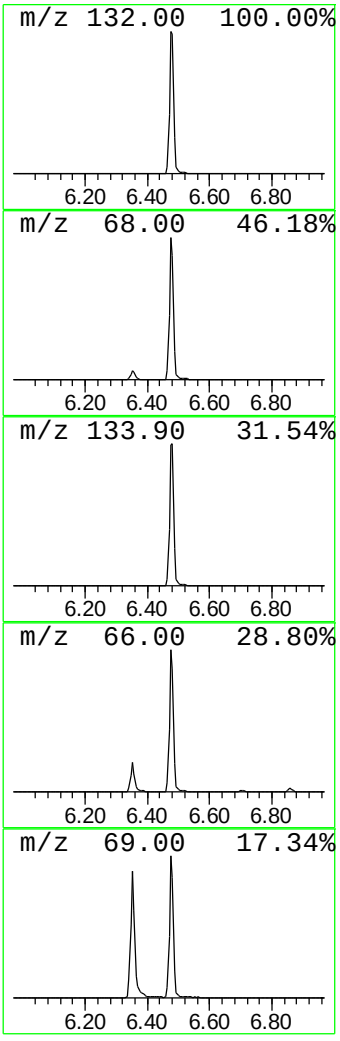
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	66.82 ng	2399820	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

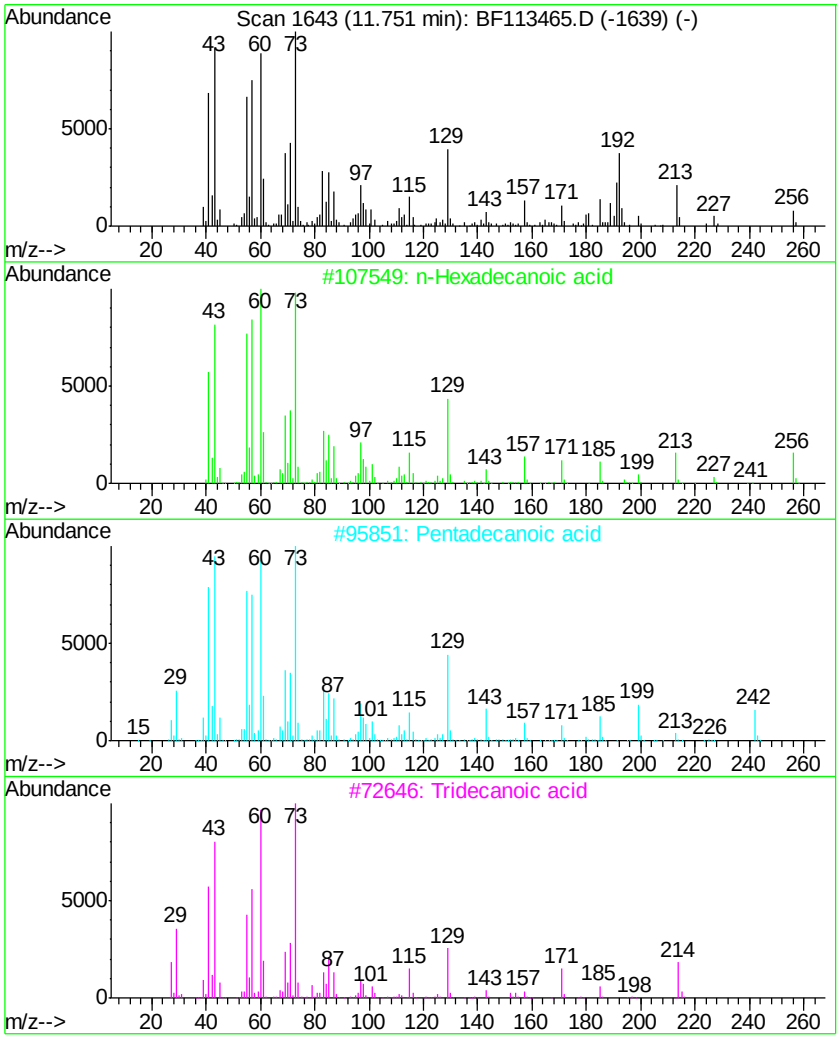
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

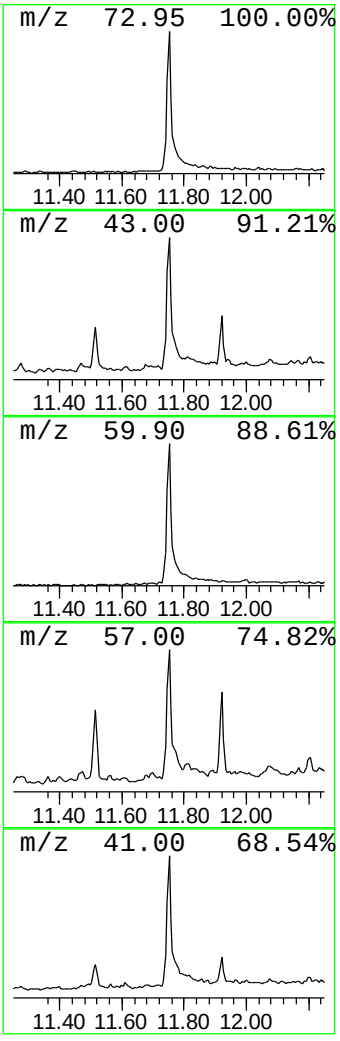
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	9.10 ng	528892	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

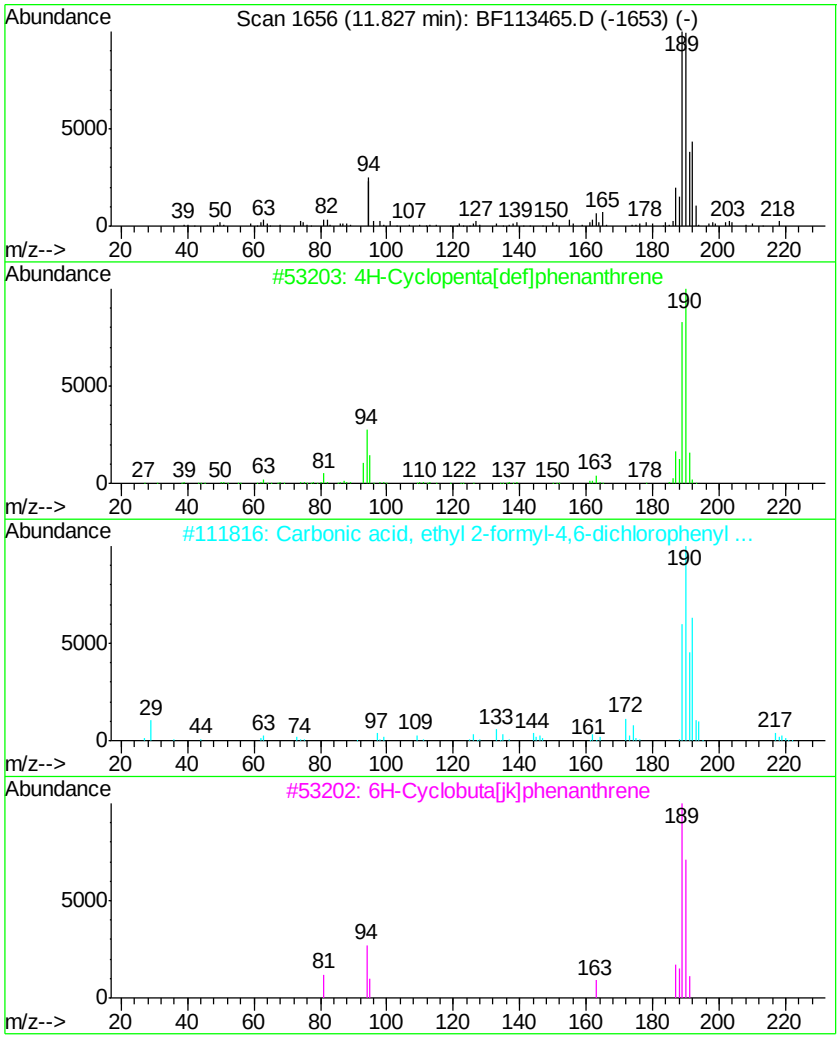
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

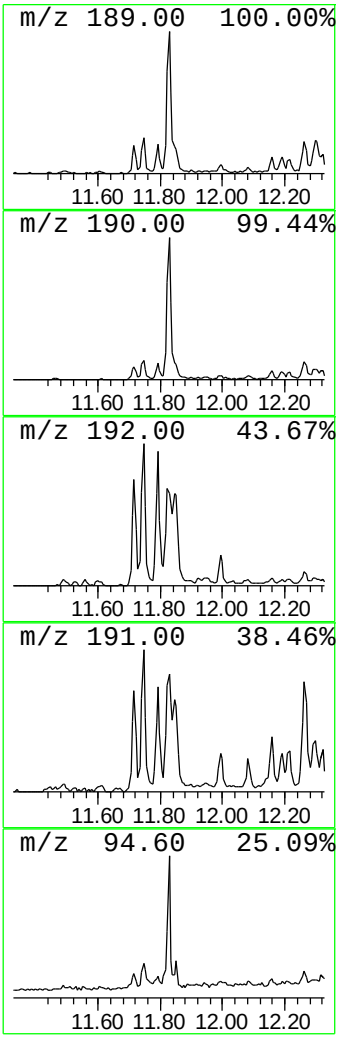
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.77 ng	161289	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

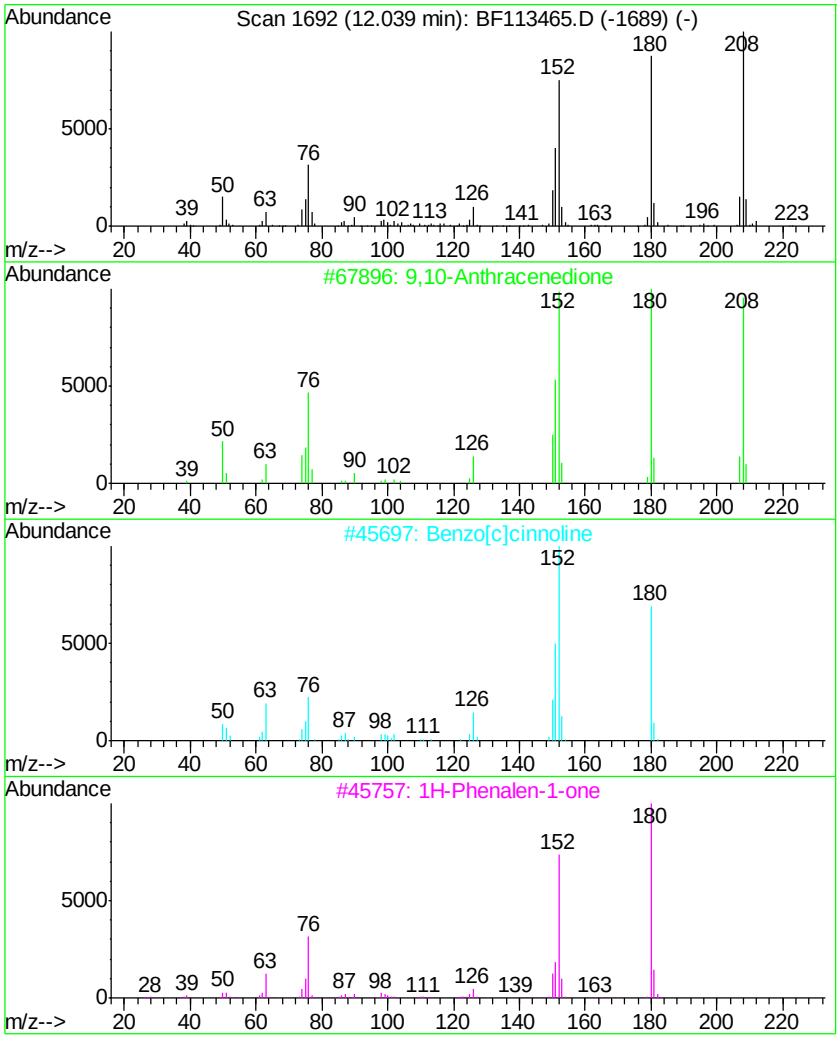
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

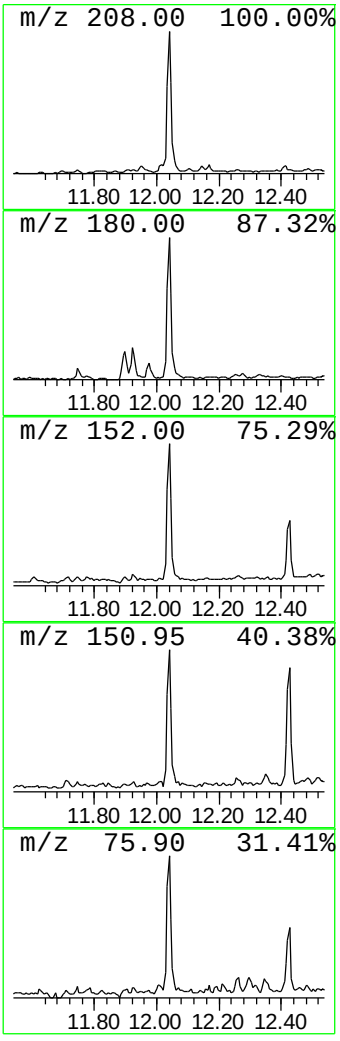
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.46 ng	201436	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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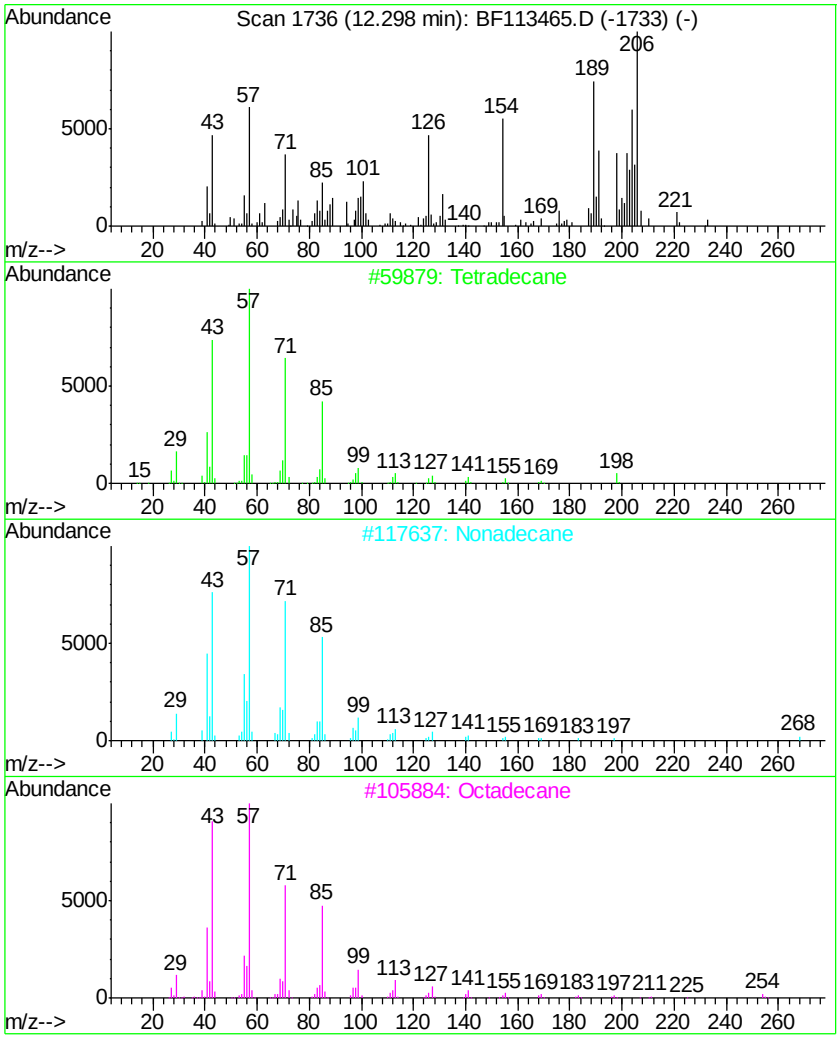
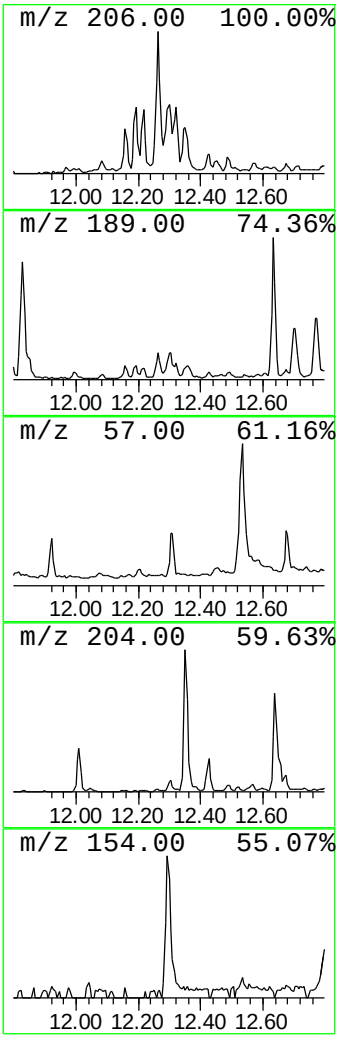
Peak Number 6 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.52 ng	204916	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	84
2	Nonadecane	268	C19H40	000629-92-5	38
3	Octadecane	254	C18H38	000593-45-3	38
4	Pentadecane	212	C15H32	000629-62-9	30
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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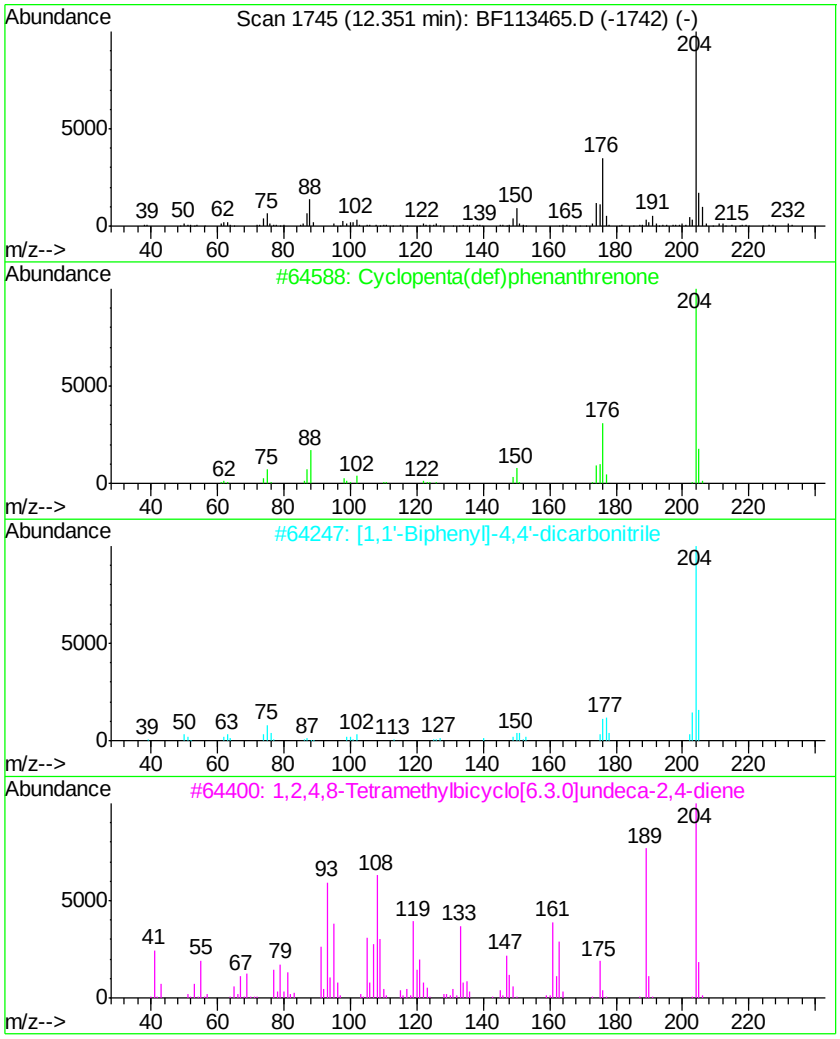
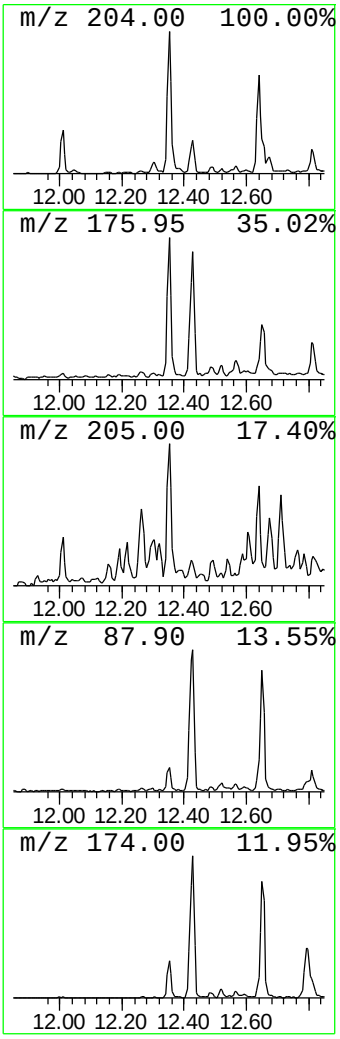
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.06 ng	236001	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	49
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





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Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

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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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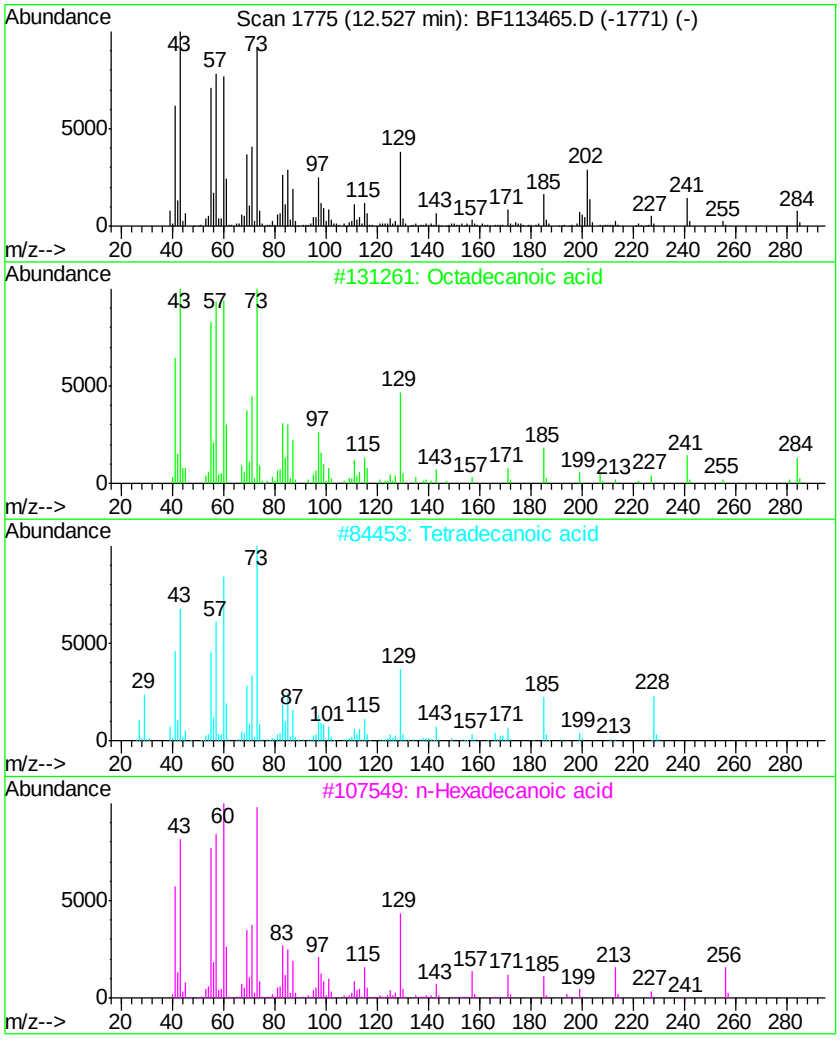
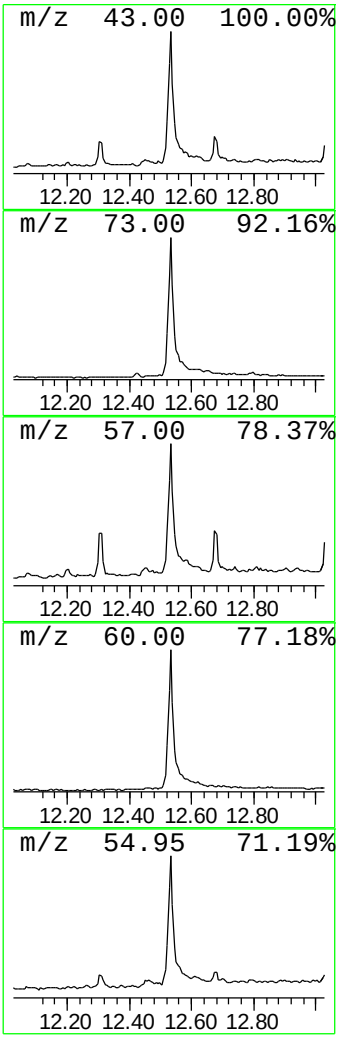
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	5.80 ng	998102	Chrysene-d12	13.84

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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

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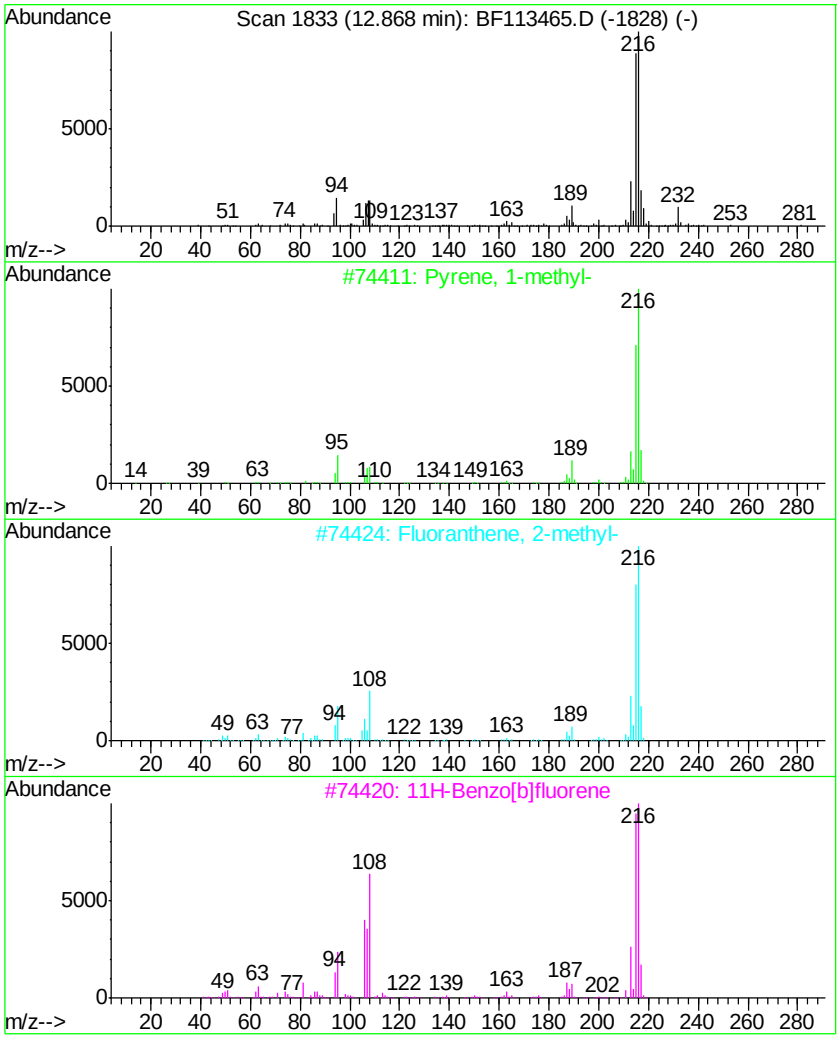
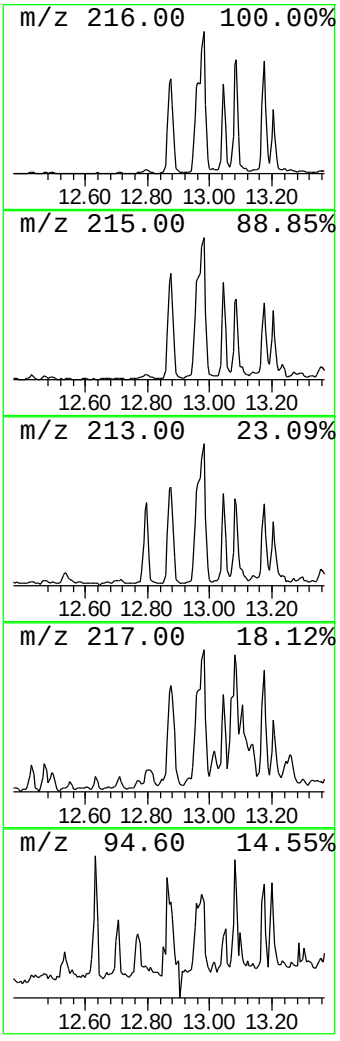
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.59 ng	446185	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	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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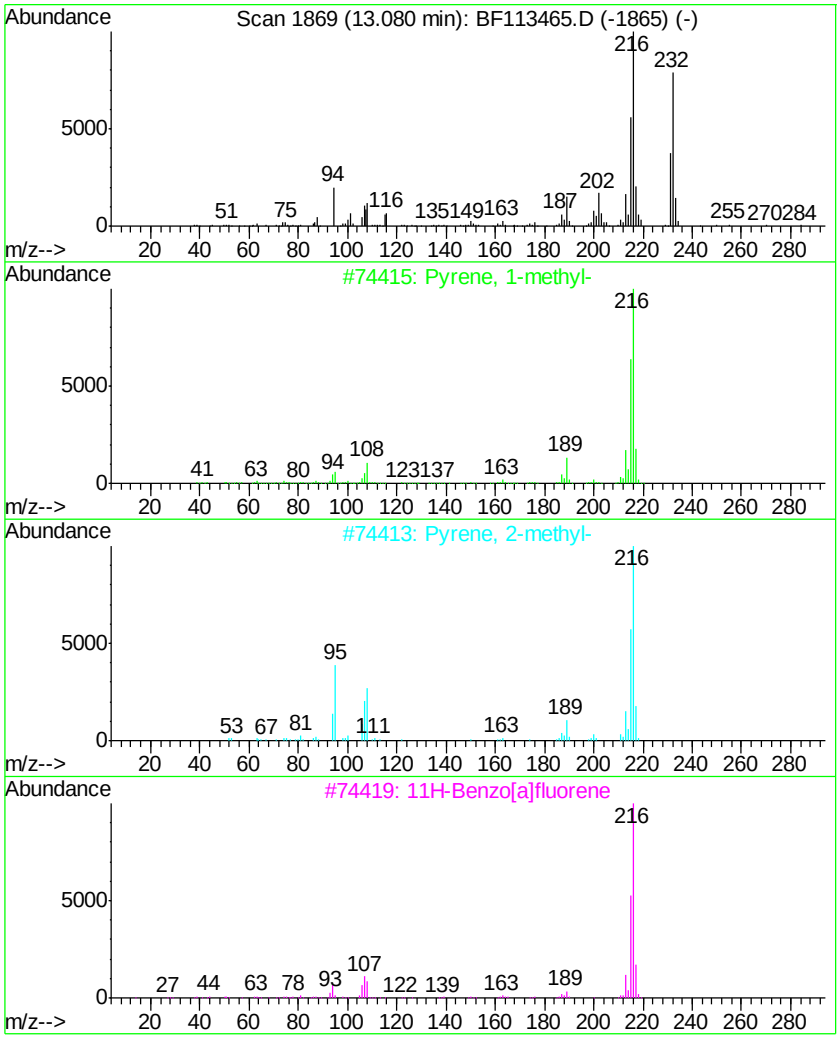
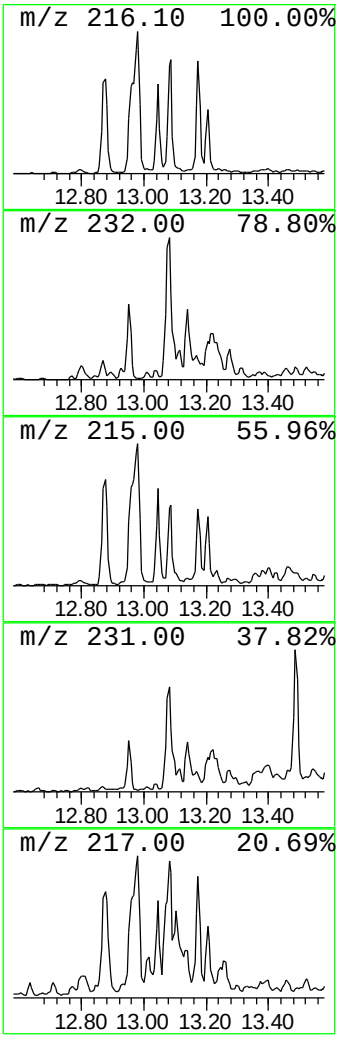
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.30 ng	567097	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46





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ClientSampleId : CS-7

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TIC Integration Parameters: LSCINT.P

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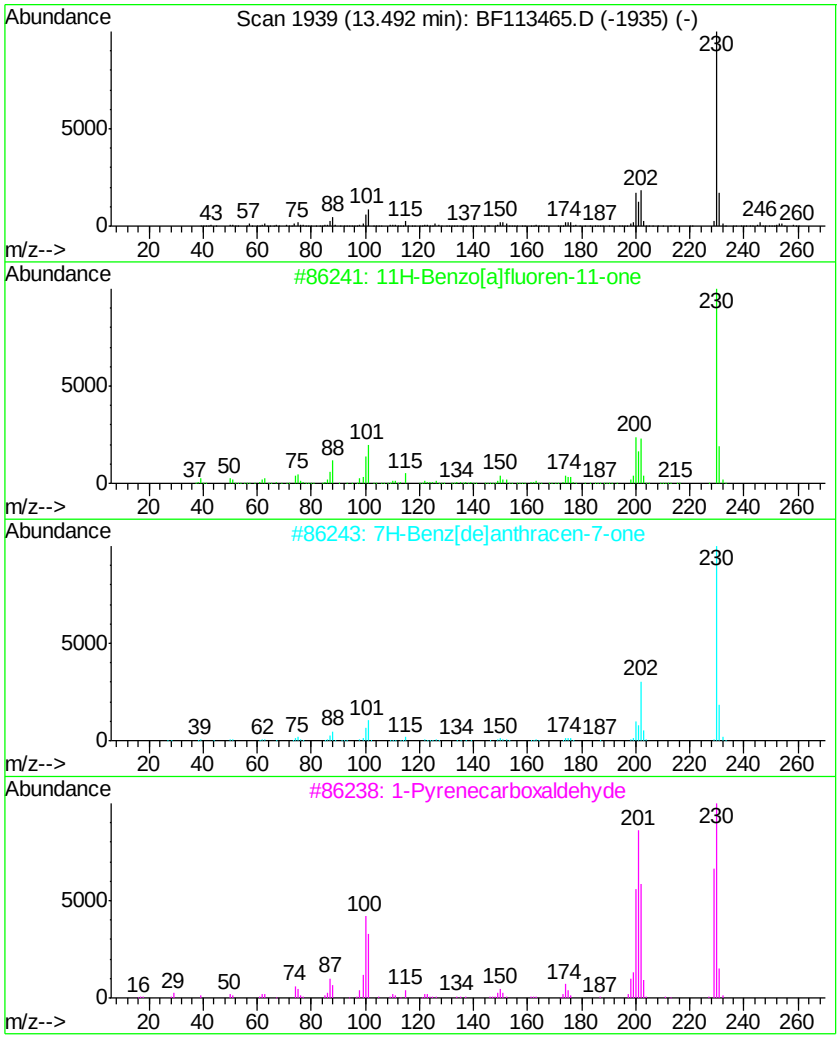
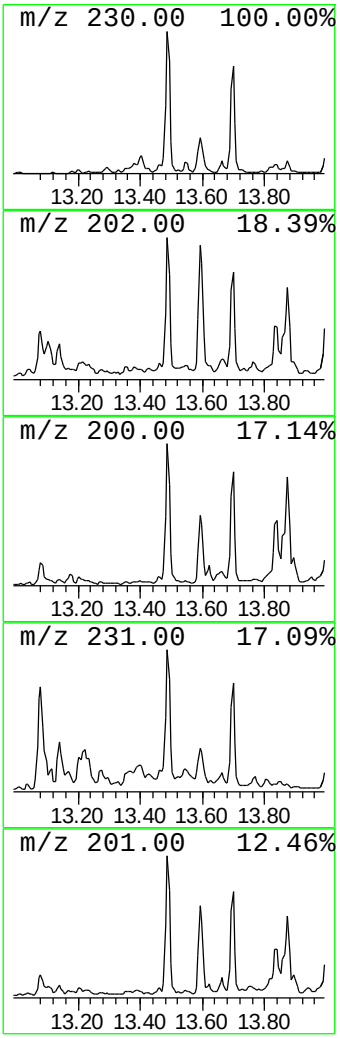
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.94 ng	505713	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6,9-Dimethoxy-4-methyl-2,3-dihyd...	245	C14H15NO3	001723-11-1	64
5	o-Terphenyl	230	C18H14	000084-15-1	58





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

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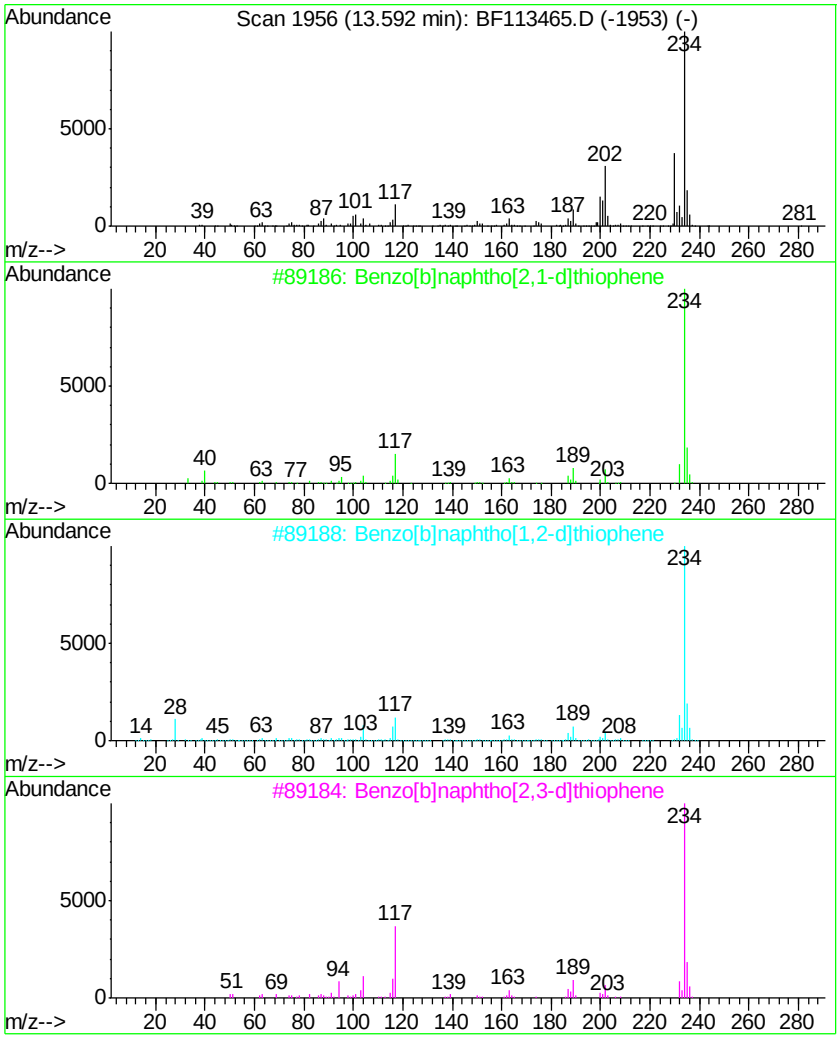
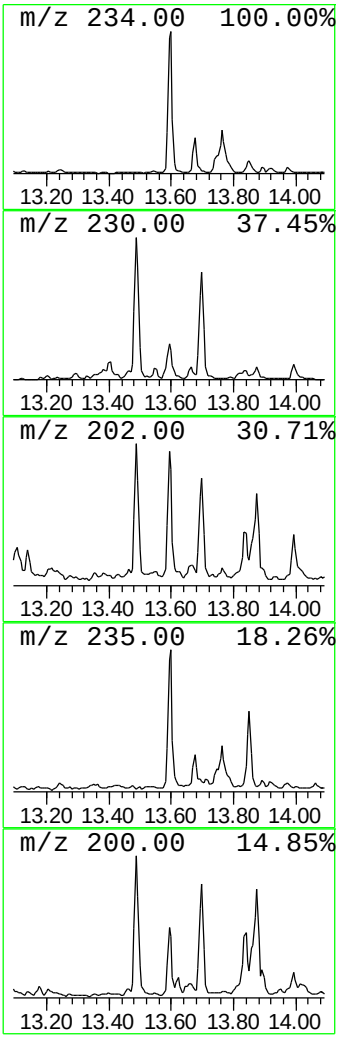
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.63 ng	452793	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	60
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	52
4	Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	43
5	Cyclohexene, 1,2-diphenyl-	234	C18H18	041317-87-7	38





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

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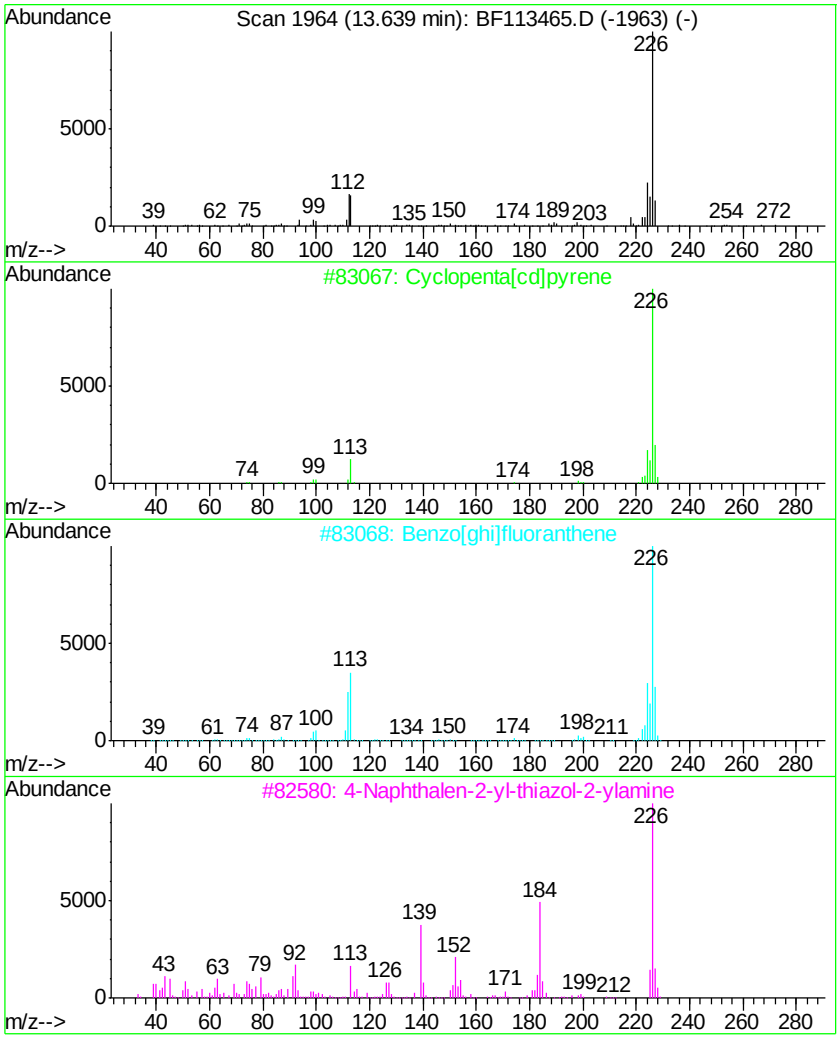
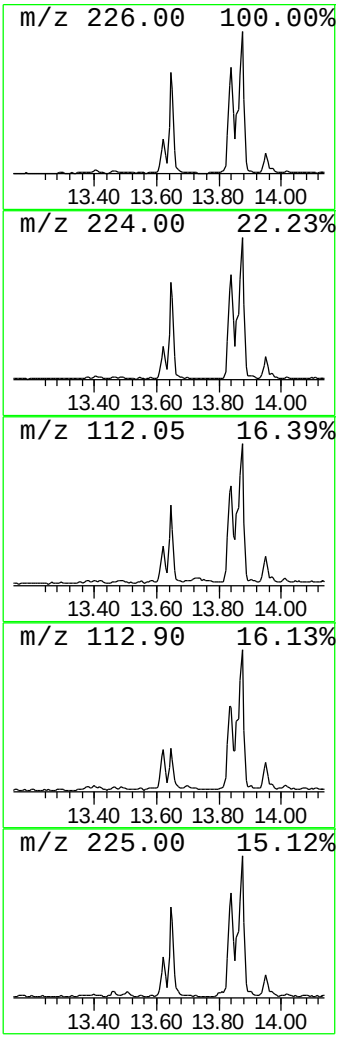
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.54 ng	437952	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	64
3	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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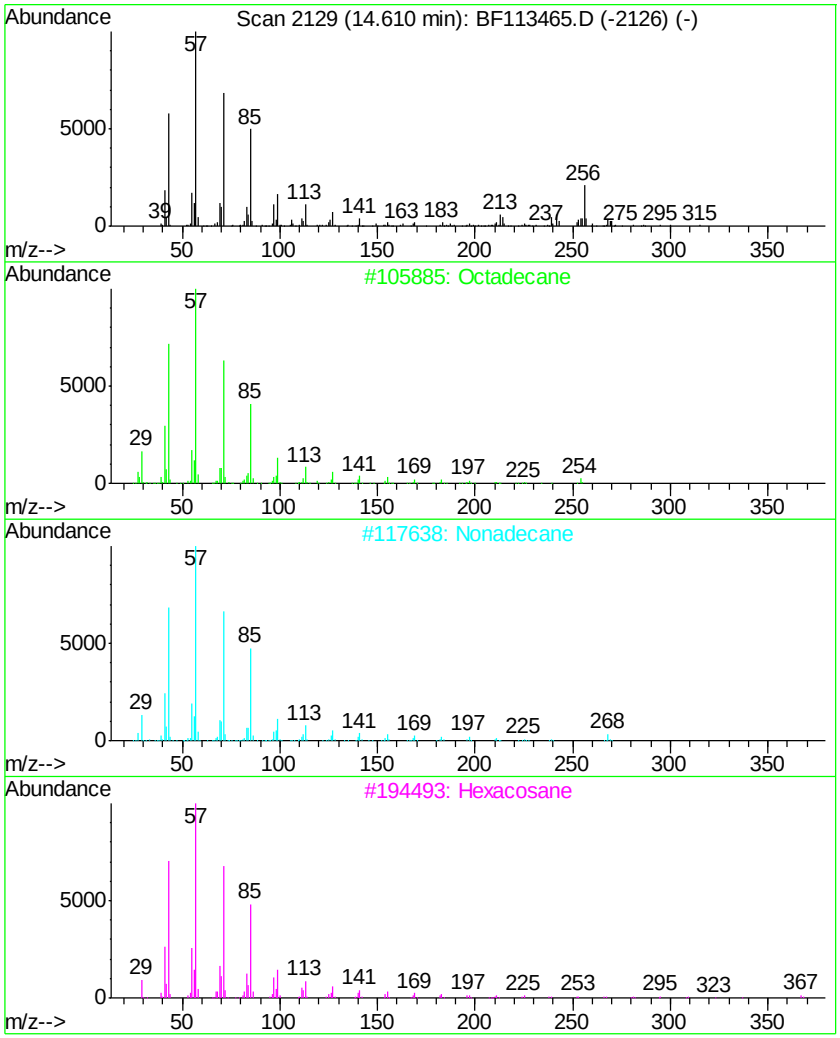
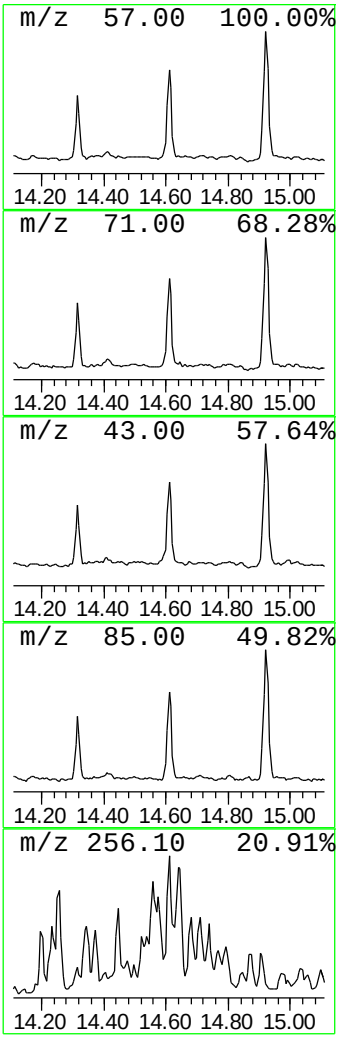
Peak Number 14 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	3.54 ng	367606	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Nonadecane	268	C19H40	000629-92-5	89
3	Hexacosane	366	C26H54	000630-01-3	81
4	Tetracosane	338	C24H50	000646-31-1	74
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72





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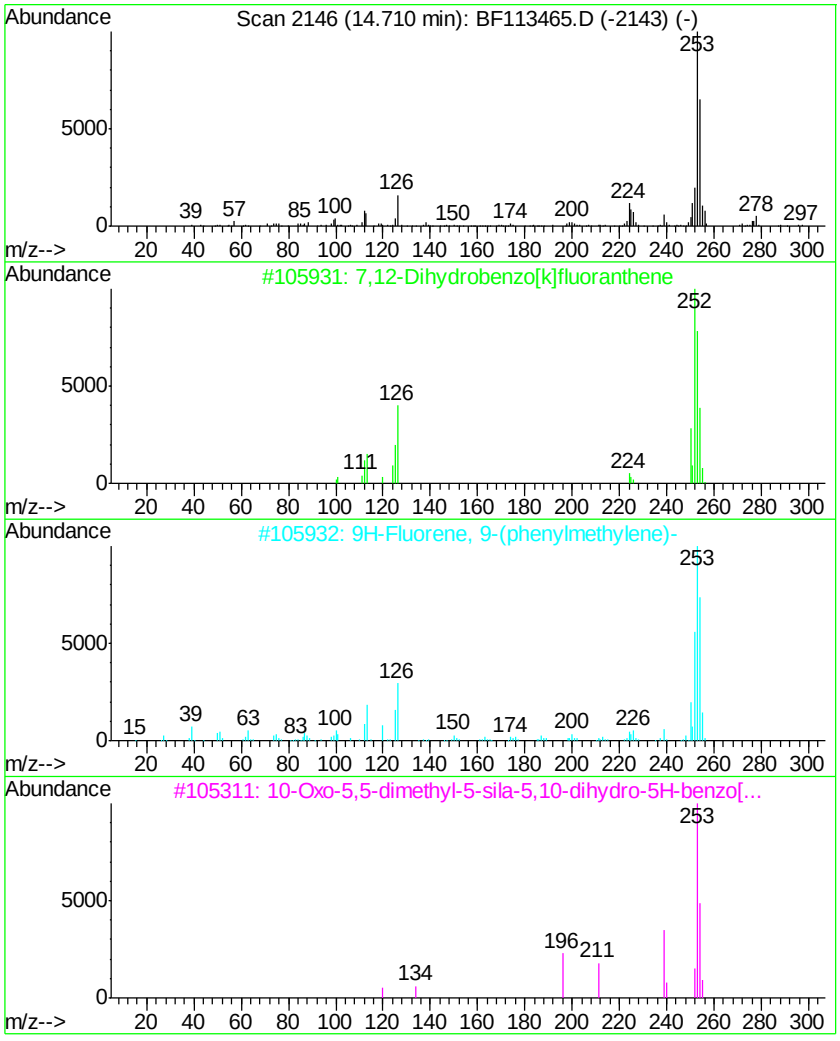
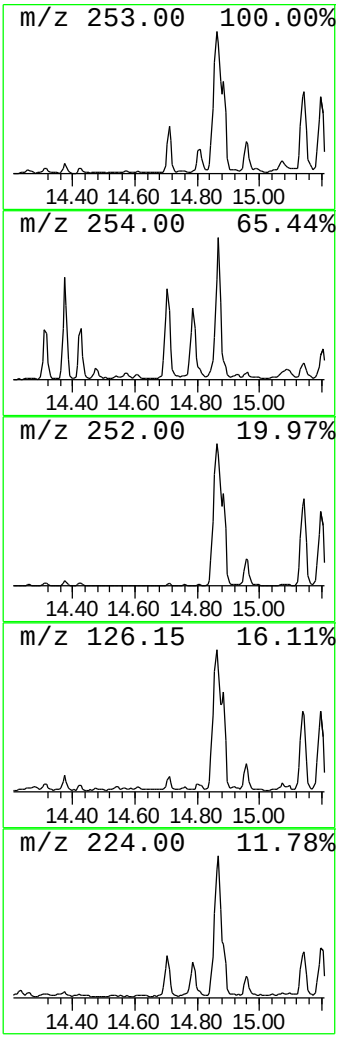
Peak Number 15 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.31 ng	240138	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	72
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	59
3	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	59
4	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	52
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	50





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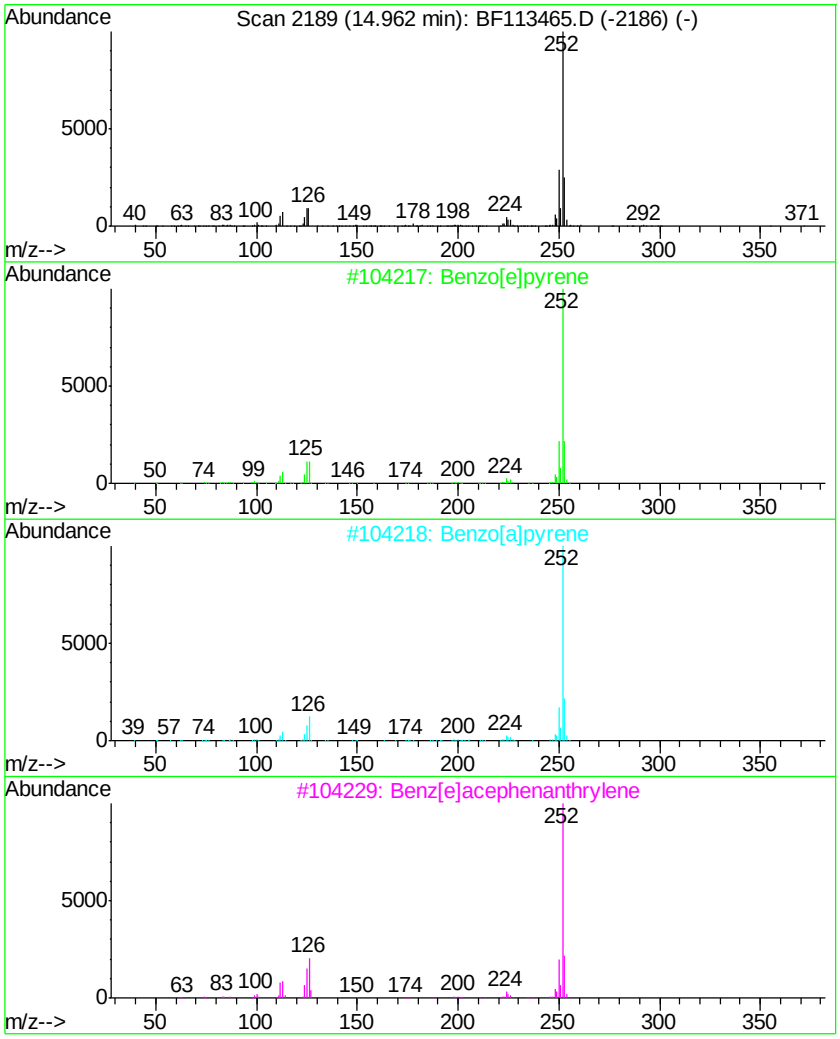
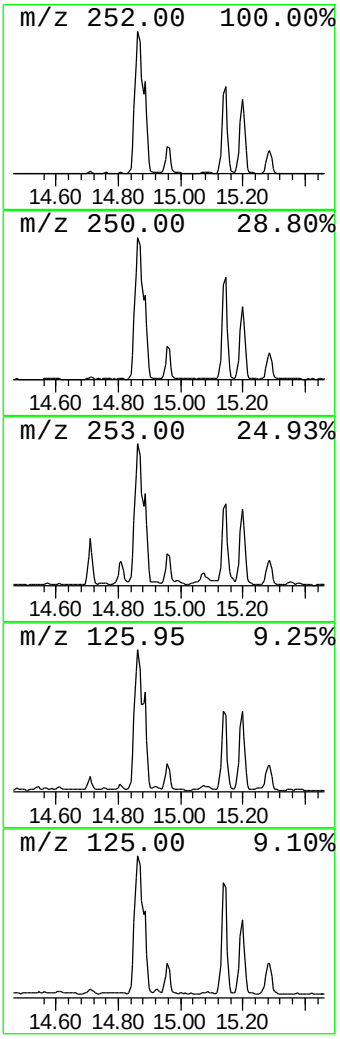
Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.52 ng	365578	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





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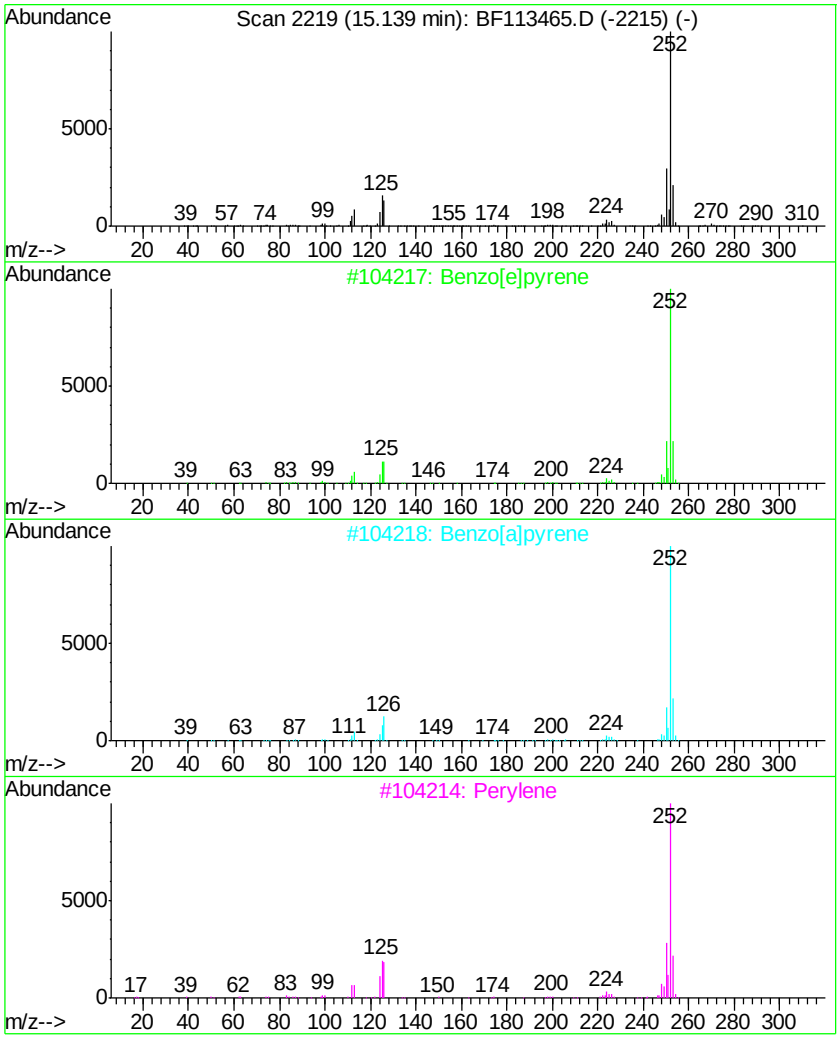
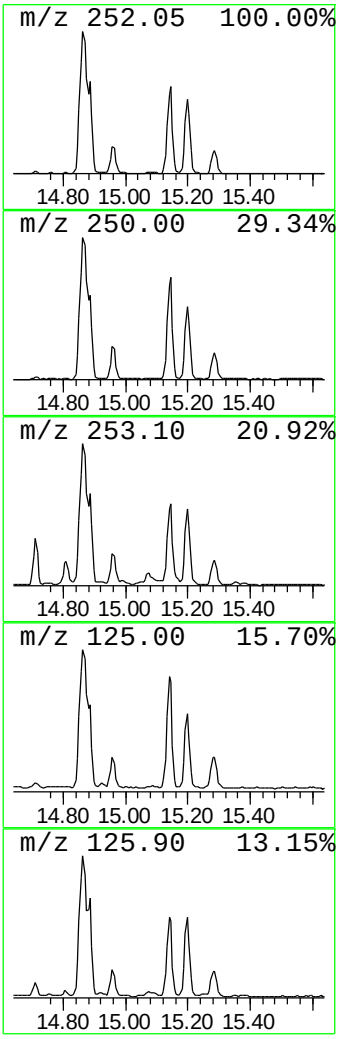
Peak Number 17 unknown15.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	16.31 ng	1692640	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





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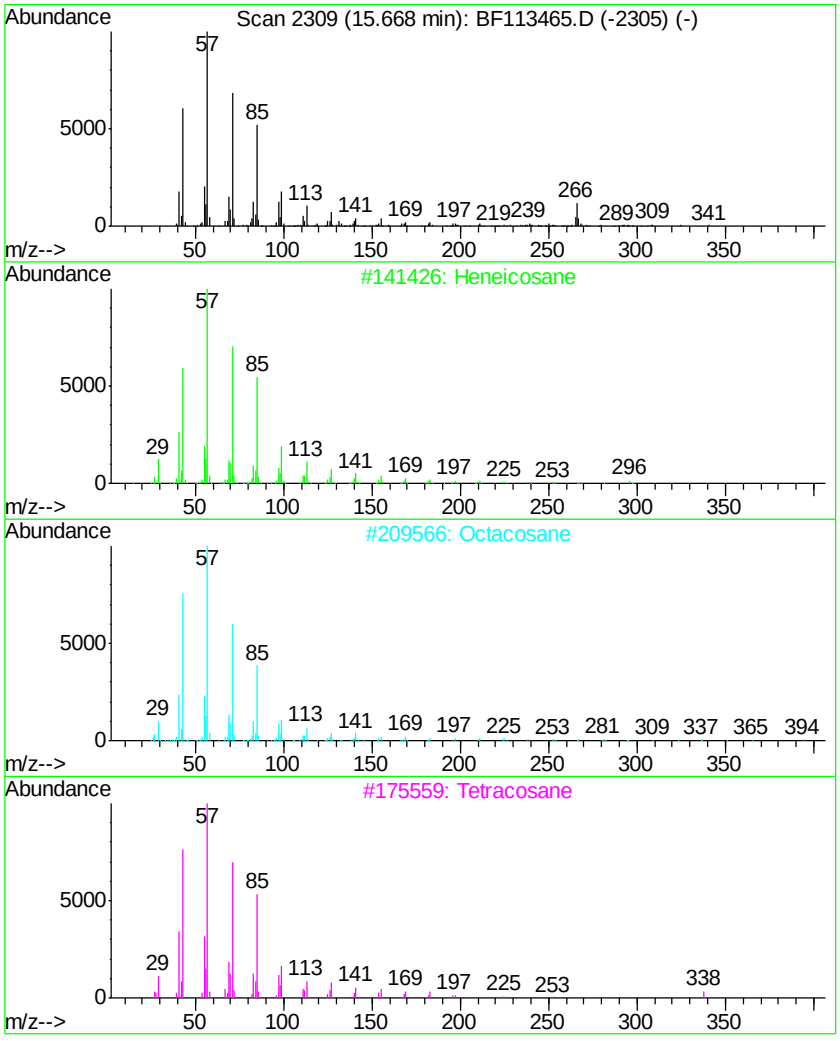
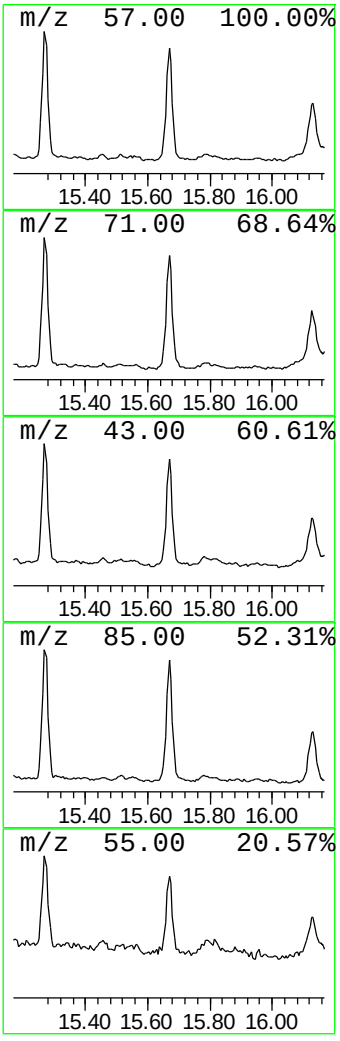
Peak Number 18 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.00 ng	414720	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Nonadecane	268	C19H40	000629-92-5	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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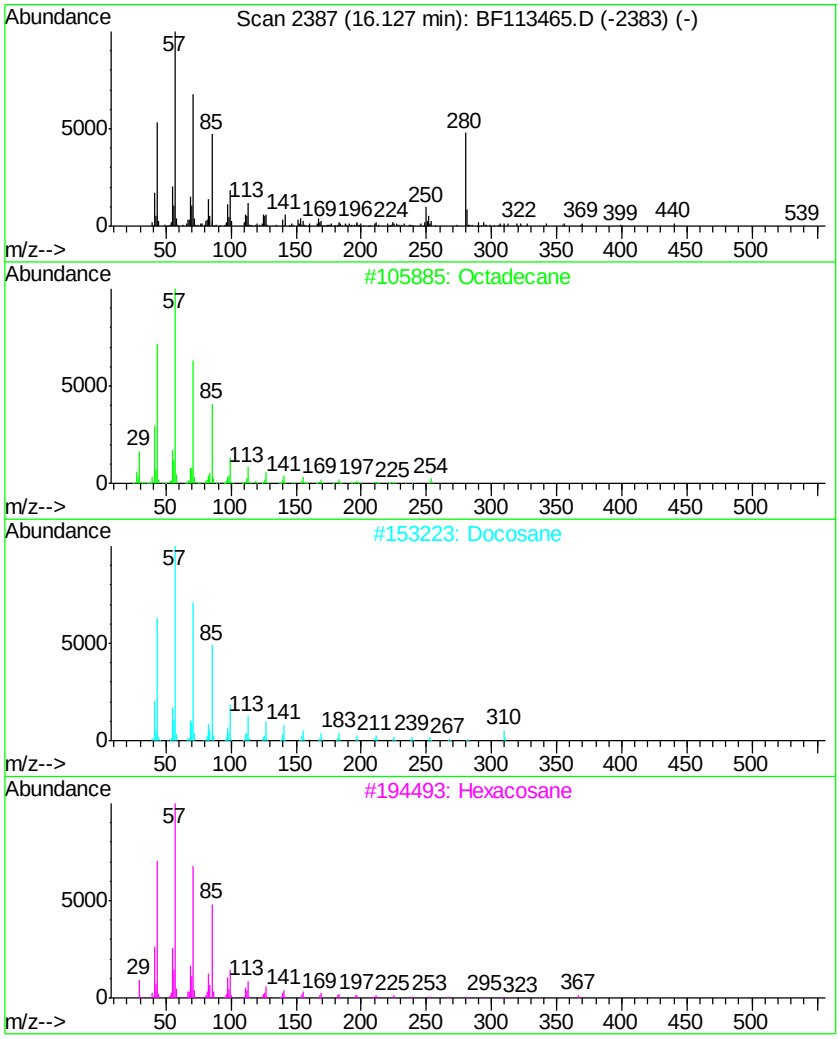
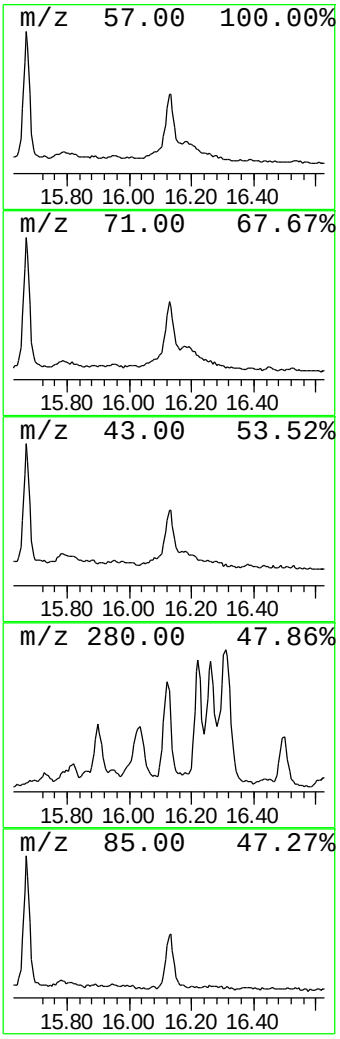
Peak Number 19 Docosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.29 ng	237527	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Docosane	310	C22H46	000629-97-0	90
3	Hexacosane	366	C26H54	000630-01-3	60
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Tetracosane	338	C24H50	000646-31-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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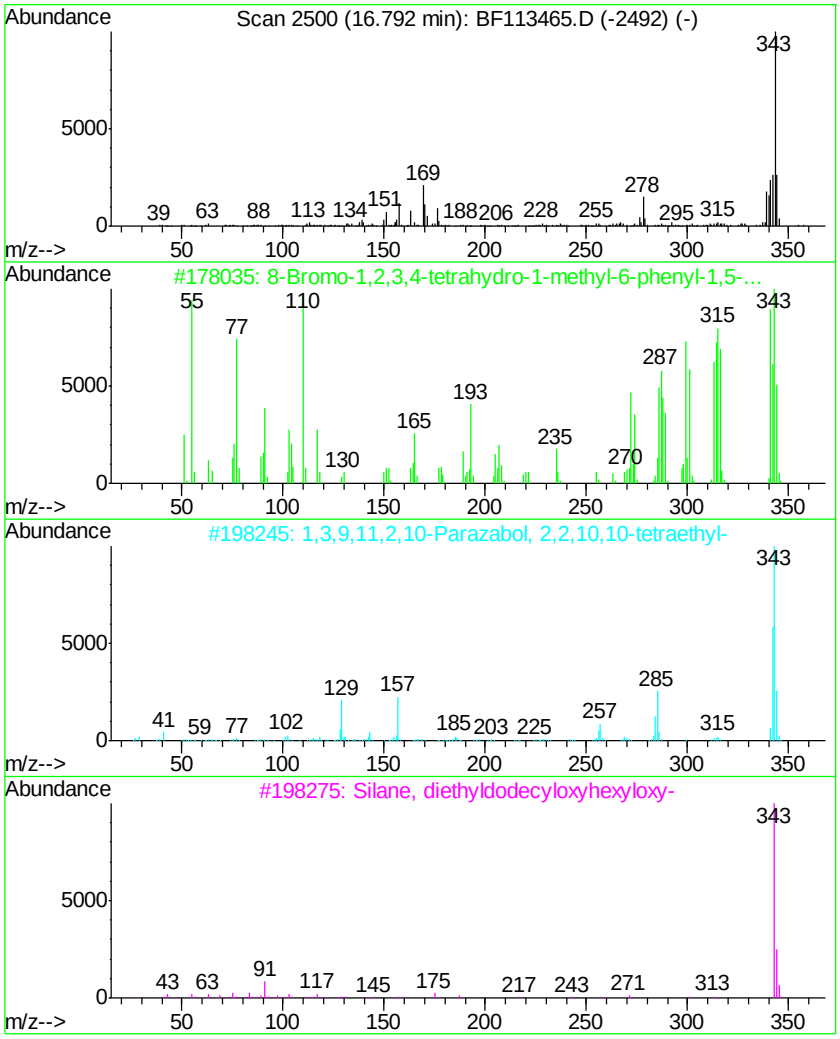
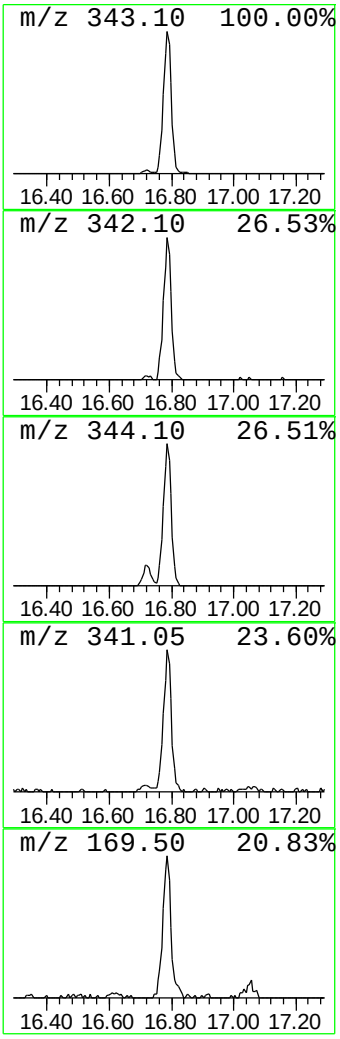
Peak Number 20 unknown16.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	6.46 ng	670360	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	46
2	1,3,9,11,2,10-Parazabol, 2,2,10,...	372	C22H30B2N4	1000157-80-0	17
3	Silane, diethyldodecyloxyhexyloxy-	372	C22H48O2Si	1000363-74-0	17
4	3-(3-Benzenesulfonylindol-1-yl)p...	343	C18H17NO4S	1000322-53-9	9
5	Indene-1,3(2H)-dione, 2-(2-metho...	343	C22H17NO3	349497-72-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.47	6.47	66.8	ng	2399820	1	6.70	718288	20.0
n-Hexadecanoic acid	11.75	9.1	ng	528892	4	11.22	1162750	20.0
4H-Cyclopenta[def...	11.83	2.8	ng	161289	4	11.22	1162750	20.0
9,10-Anthracenedione	12.04	3.5	ng	201436	4	11.22	1162750	20.0
Tetradecane	12.30	3.5	ng	204916	4	11.22	1162750	20.0
Cyclopenta(def)ph...	12.35	4.1	ng	236001	4	11.22	1162750	20.0
Octadecanoic acid	12.53	5.8	ng	998102	5	13.84	3442040	20.0
Pyrene, 1-methyl-	12.87	2.6	ng	446185	5	13.84	3442040	20.0
Pyrene, 2-methyl-	13.08	3.3	ng	567097	5	13.84	3442040	20.0
11H-Benzo[a]fluor...	13.49	2.9	ng	505713	5	13.84	3442040	20.0
Benzo[b]naphtho[2...	13.59	2.6	ng	452793	5	13.84	3442040	20.0
Cyclopenta[cd]pyrene	13.64	2.5	ng	437952	5	13.84	3442040	20.0
Octadecane	14.61	3.5	ng	367606	6	15.26	2075880	20.0
7,12-Dihydrobenzo...	14.71	2.3	ng	240138	6	15.26	2075880	20.0
Benzo[e]pyrene	14.96	3.5	ng	365578	6	15.26	2075880	20.0
unknown15.14	15.14	16.3	ng	1692640	6	15.26	2075880	20.0
Heneicosane	15.67	4.0	ng	414720	6	15.26	2075880	20.0
Docosane	16.13	2.3	ng	237527	6	15.26	2075880	20.0
unknown16.79	16.79	6.5	ng	670360	6	15.26	2075880	20.0