LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116459.D
Acq On : 21 Aug 2019 12:19
Operator : HP/JU
Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

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-BF073019.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	5.422	564	567	595	rBV	1261005	1791633	50.66%	4.503%
2	6.440	737	740	759	rBV	1639181	1934277	54.69%	4.861%
3	6.569	759	762	770	rVB	2009362	1940300	54.86%	4.876%
4	6.792	798	800	809	rBV	539123	541542	15.31%	1.361%
5	6.951	823	827	843	rBV	1476528	1501152	42.44%	3.773%
6	7.357	893	896	917	rBV	1137962	1264737	35.76%	3.178%
7	8.075	1015	1018	1026	rBV	764339	662344	18.73%	1.665%
8	9.145	1197	1200	1210	rVB	2500326	2085194	58.96%	5.240%
9	9.492	1255	1259	1262	rVV	32664	37815	1.07%	0.095%
10	9.545	1262	1268	1276	rVB	363951	361521	10.22%	0.909%
11	9.828	1312	1316	1320	rBV	1007498	865776	24.48%	2.176%
12	9.863	1320	1322	1330	rVB2	46103	53496	1.51%	0.134%
13	10.045	1345	1353	1356	rBV3	43639	63205	1.79%	0.159%
14	10.251	1381	1388	1391	rBV3	43855	74854	2.12%	0.188%
15	10.380	1404	1410	1416	rBV4	37005	62319	1.76%	0.157%
16	10.616	1447	1450	1466	rBV	1296823	1426180	40.32%	3.584%
17	10.933	1497	1504	1506	rBV3	25075	42031	1.19%	0.106%
18	11.057	1519	1525	1527	rBV4	27412	39547	1.12%	0.099%
19	11.139	1534	1539	1541	rBV2	31075	38030	1.08%	0.096%
20	11.169	1541	1544	1547	rVV	69084	68126	1.93%	0.171%
21	11.216	1550	1552	1556	rVB2	40119	38655	1.09%	0.097%
22	11.316	1565	1569	1571	rBV	1088176	938920	26.55%	2.360%
23	11.339	1571	1573	1578	rVV	703081	600435	16.98%	1.509%
24	11.398	1578	1583	1588	rVV	131279	143767	4.06%	0.361%
25	11.563	1606	1611	1615	rBV2	73285	100844	2.85%	0.253%
26	11.851	1651	1660	1666	rBV	1895899	2736351	77.37%	6.877%
27	11.898	1666	1668	1671	rVV	135075	168320	4.76%	0.423%
28	11.927	1671	1673	1676	rVV2	196962	240469	6.80%	0.604%
29	11.957	1676	1678	1683	rVB	90804	93561	2.65%	0.235%
30	12.110	1701	1704	1709	rVB	97093	87005	2.46%	0.219%
31	12.163	1710	1713	1721	rVB4	65413	95200	2.69%	0.239%
32	12.263	1725	1730	1733	rBV	47649	53880	1.52%	0.135%
33	12.292	1733	1735	1738	rVB	42852	38227	1.08%	0.096%
34	12.369	1744	1748	1750	rBV	115034	109974	3.11%	0.276%

LSC Area Percent Report

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Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.457	1760	1763	1764	rBV	32348	37510	1.06%	0.094%
36	12.474	1764	1766	1772	rVB2	48413	52898	1.50%	0.133%
37	12.527	1772	1775	1781	rBV	1221517	1346031	38.06%	3.383%
38	12.633	1784	1793	1800	rBV	2510378	3536720	100.00%	8.888%
39	12.757	1809	1814	1821	rVB	917507	1126403	31.85%	2.831%
40	12.816	1821	1824	1830	rVB	82680	87655	2.48%	0.220%
41	12.892	1833	1837	1841	rVV	2464453	2130668	60.24%	5.355%
42	12.939	1843	1845	1848	rVB	40160	39721	1.12%	0.100%
43	12.986	1848	1853	1858	rVB5	75922	129523	3.66%	0.326%
44	13.069	1864	1867	1868	rBV2	45046	45716	1.29%	0.115%
45	13.092	1868	1871	1873	rVB	99541	90886	2.57%	0.228%
46	13.157	1879	1882	1885	rVB	70515	53434	1.51%	0.134%
47	13.198	1885	1889	1892	rBV3	99131	126716	3.58%	0.318%
48	13.292	1902	1905	1908	rBV	62267	65671	1.86%	0.165%
49	13.321	1908	1910	1913	rBV2	59622	58294	1.65%	0.147%
50	13.457	1929	1933	1937	rVB4	49020	61180	1.73%	0.154%
51	13.616	1956	1960	1966	rVB	91180	108004	3.05%	0.271%
52	13.716	1974	1977	1978	rBV	78102	69477	1.96%	0.175%
53	13.733	1978	1980	1983	rVV2	105458	90798	2.57%	0.228%
54	13.780	1983	1988	1990	rVV3	126908	184014	5.20%	0.462%
55	13.821	1990	1995	2001	rVB3	136523	286120	8.09%	0.719%
56	13.957	2012	2018	2021	rBV2	961971	1364913	38.59%	3.430%
57	13.986	2021	2023	2027	rVB	475303	433006	12.24%	1.088%
58	14.068	2035	2037	2039	rBV	70237	55037	1.56%	0.138%
59	14.098	2039	2042	2045	rVV	228497	195003	5.51%	0.490%
60	14.351	2080	2085	2089	rBV	106510	130720	3.70%	0.329%
61	14.404	2089	2094	2096	rBV2	461594	506526	14.32%	1.273%
62	14.480	2104	2107	2113	rVB2	54535	90083	2.55%	0.226%
63	14.698	2139	2144	2149	rBV	810583	921993	26.07%	2.317%
64	14.768	2154	2156	2160	rVB	59034	65523	1.85%	0.165%
65	14.998	2191	2195	2197	rBV	438300	586117	16.57%	1.473%
66	15.021	2197	2199	2206	rVB	1029155	1208690	34.18%	3.038%
67	15.110	2211	2214	2221	rVB	78823	100955	2.85%	0.254%
68	15.298	2242	2246	2250	rVB	198298	232529	6.57%	0.584%
69	15.363	2253	2257	2258	rBV	343172	385152	10.89%	0.968%
70	15.386	2258	2261	2264	rVV	806378	1098065	31.05%	2.760%
71	15.415	2264	2266	2271	rVB	516720	542554	15.34%	1.364%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : PX-01-081319

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.804	2326	2332	2337	rBV	596194	874187	24.72%	2.197%
73	16.280	2408	2413	2426	rVB	282977	556438	15.73%	1.398%
74	16.892	2513	2517	2525	rVB2	118199	236483	6.69%	0.594%
75	17.333	2587	2592	2602	rVB	81305	179715	5.08%	0.452%

Sum of corrected areas: 39790815

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
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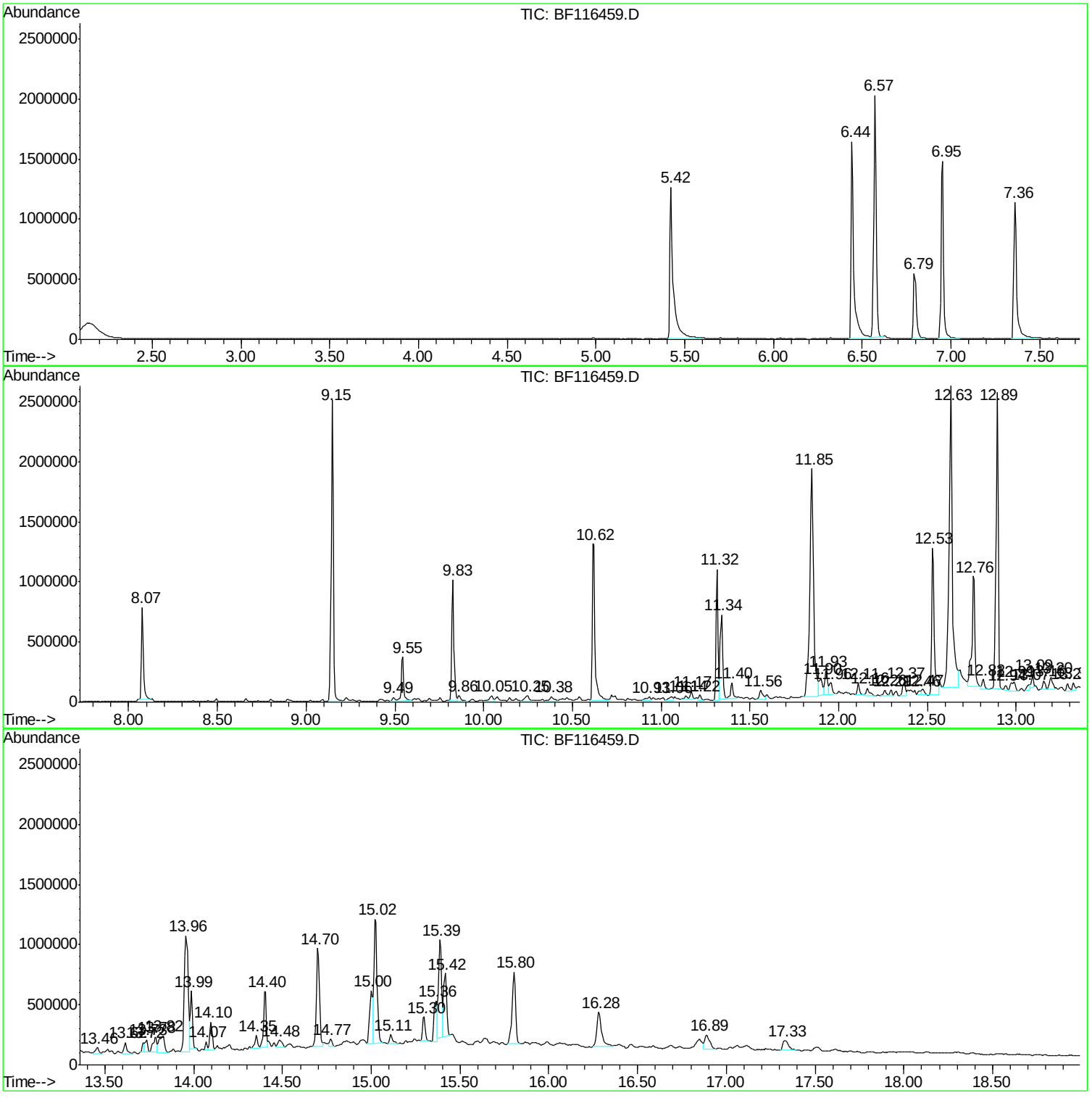
Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116459.D
Acq On : 21 Aug 2019 12:19
Operator : HP/JU
Sample : K4354-01
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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

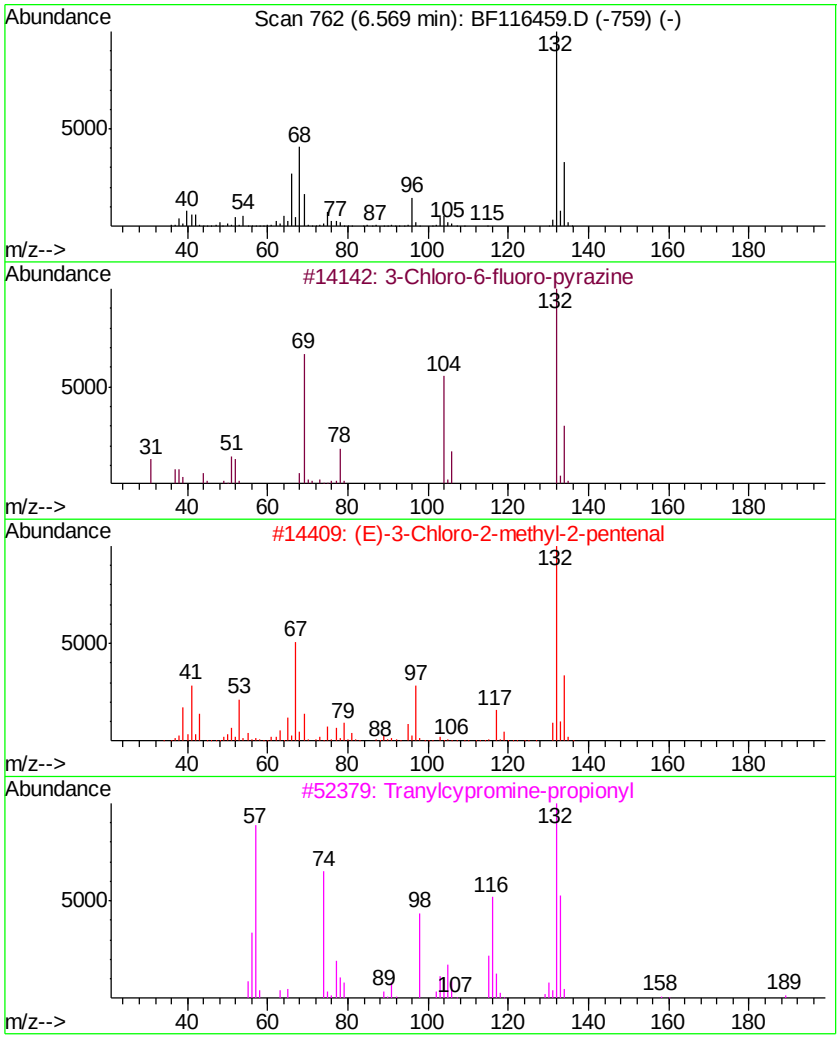
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

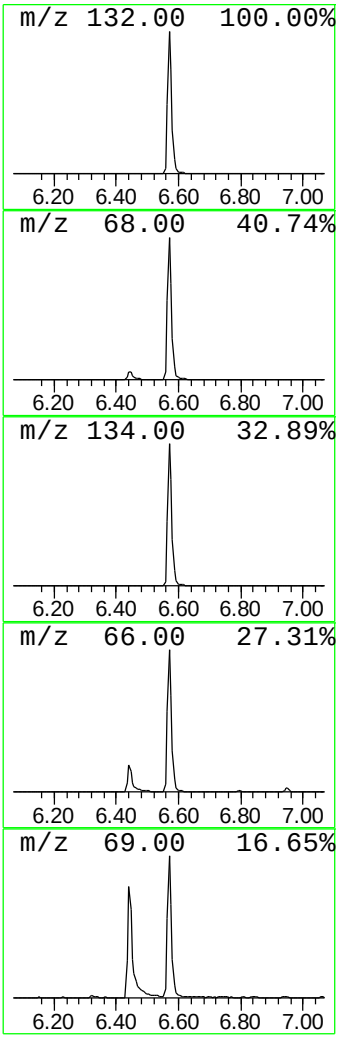
****

Peak Number 1 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	71.66 ng	1940300	1,4-Dichlorobenzene-d4	6.79

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116459.D
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Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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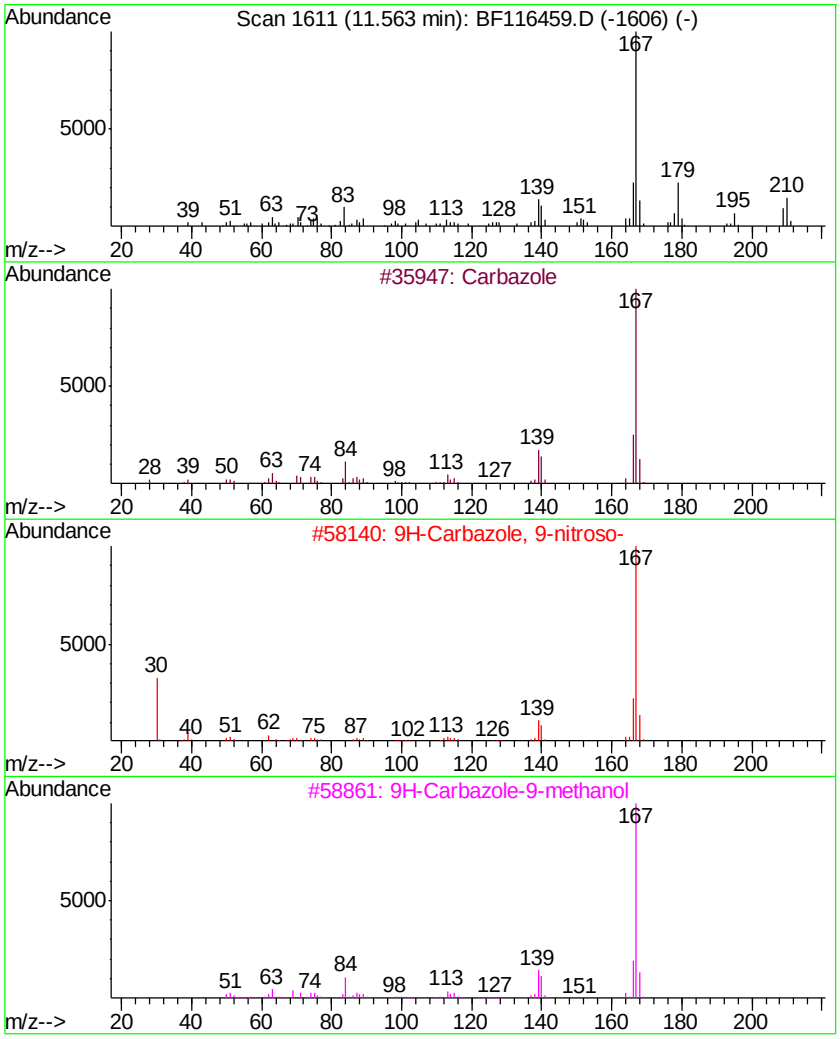
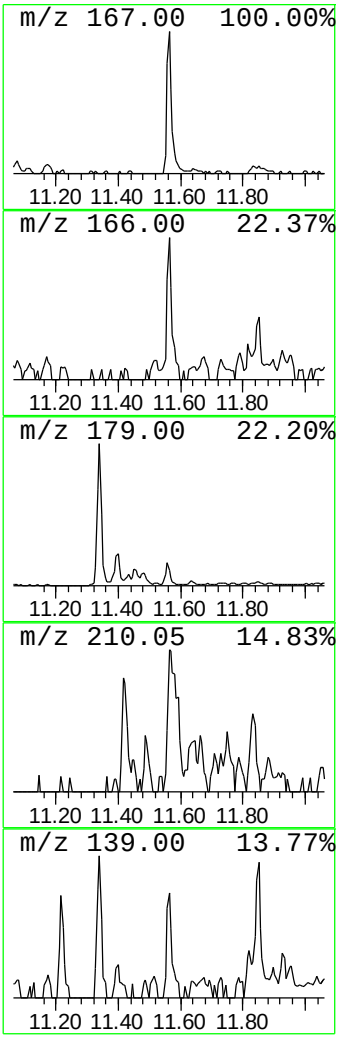
Peak Number 3 9H-Carbazole, 9-nitroso- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.15 ng	100844	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	92
2	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	58
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	58
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	58
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116459.D
Acq On : 21 Aug 2019 12:19
Operator : HP/JU
Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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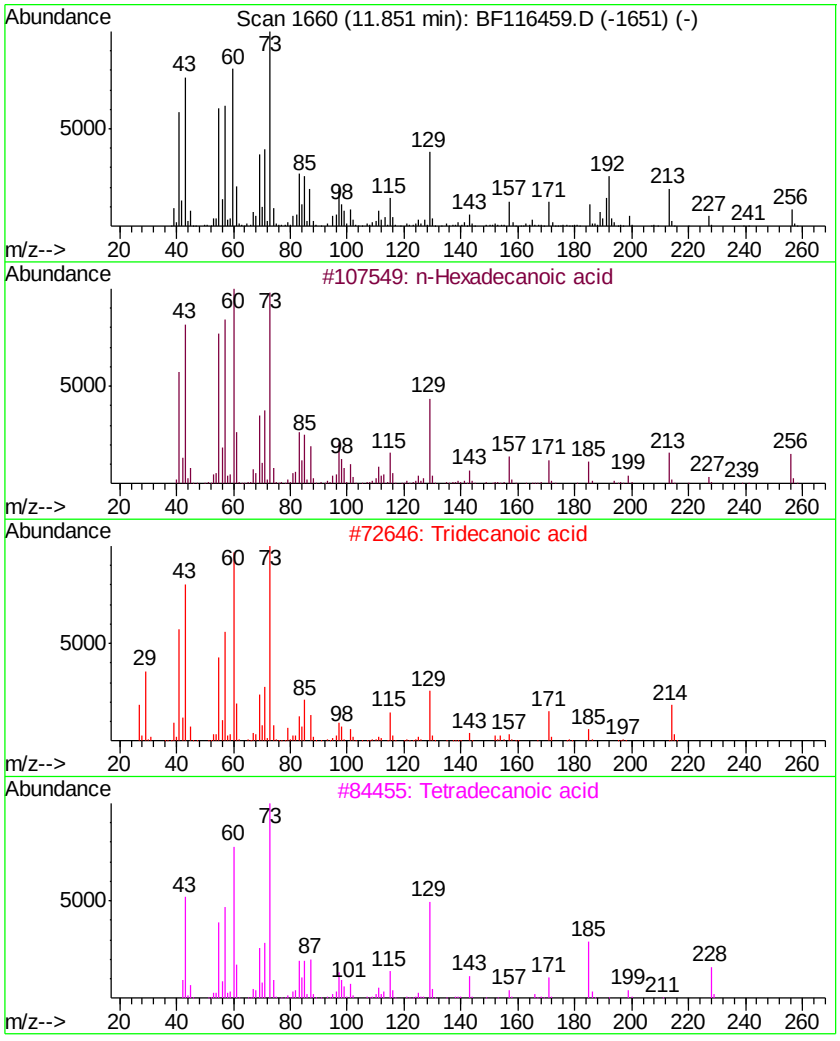
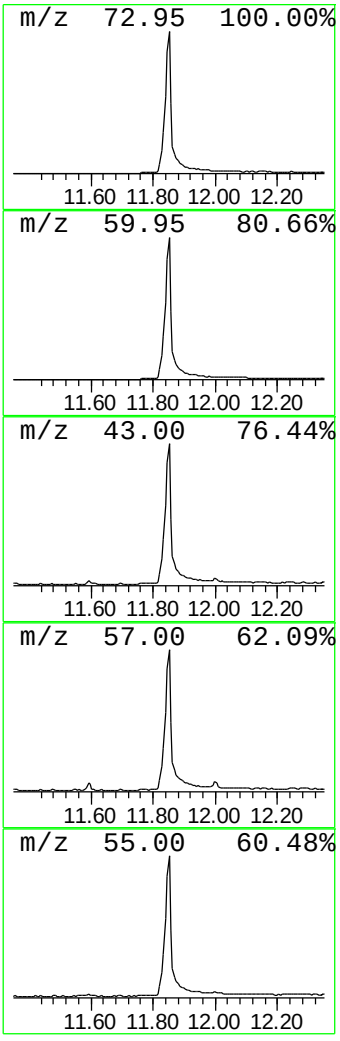
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	58.29 ng	2736350	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

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ClientSampleId : PX-01-081319

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

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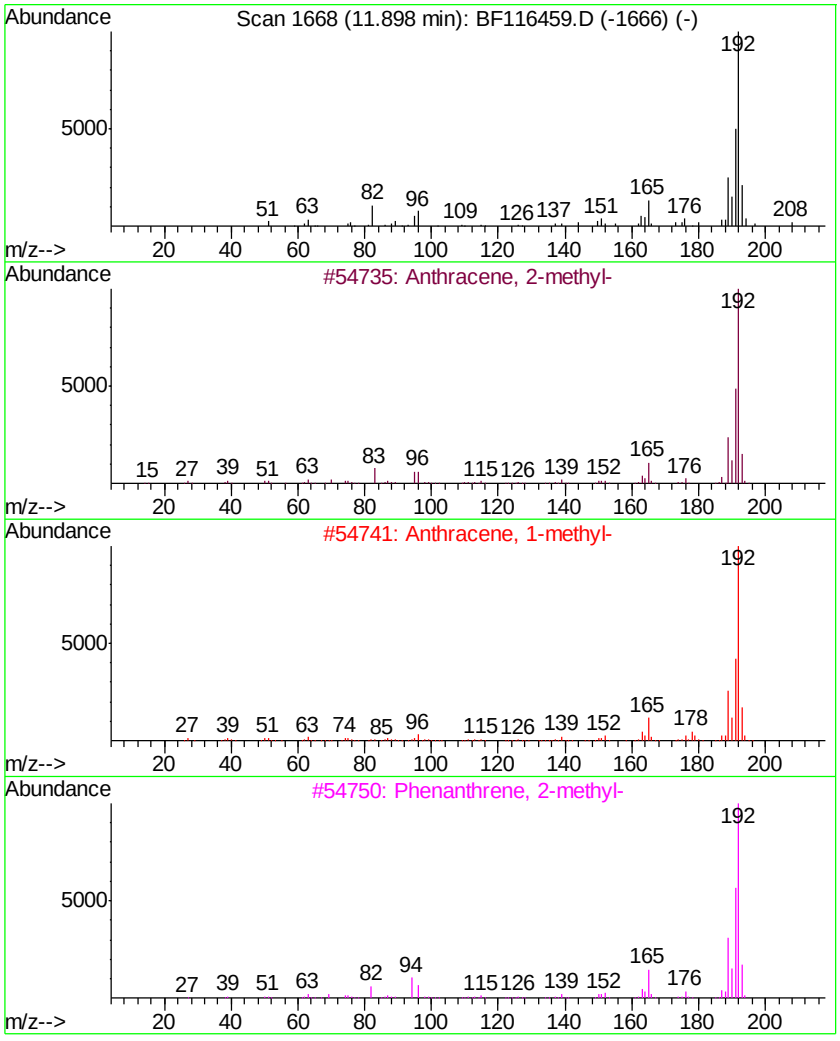
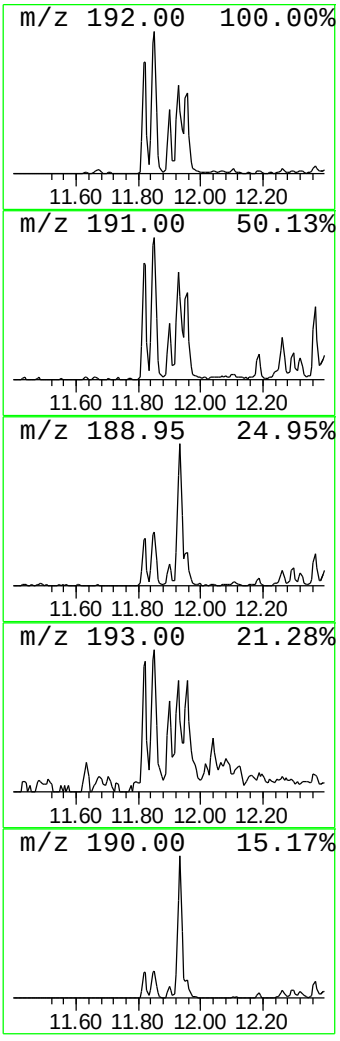
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.59 ng	168320	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Library Search Compound Report

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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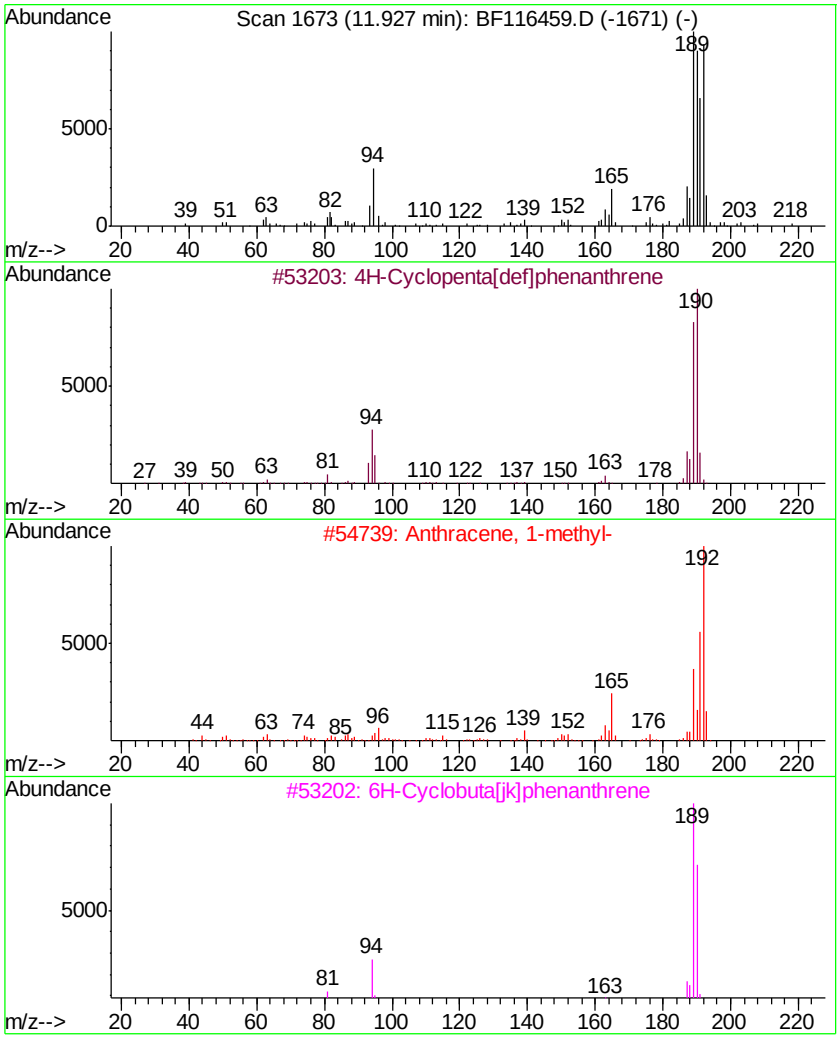
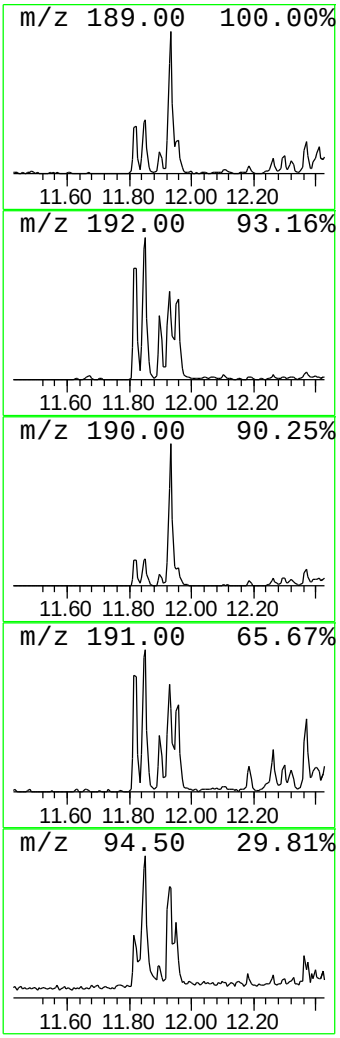
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.12 ng	240469	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	44





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116459.D
Acq On : 21 Aug 2019 12:19
Operator : HP/JU
Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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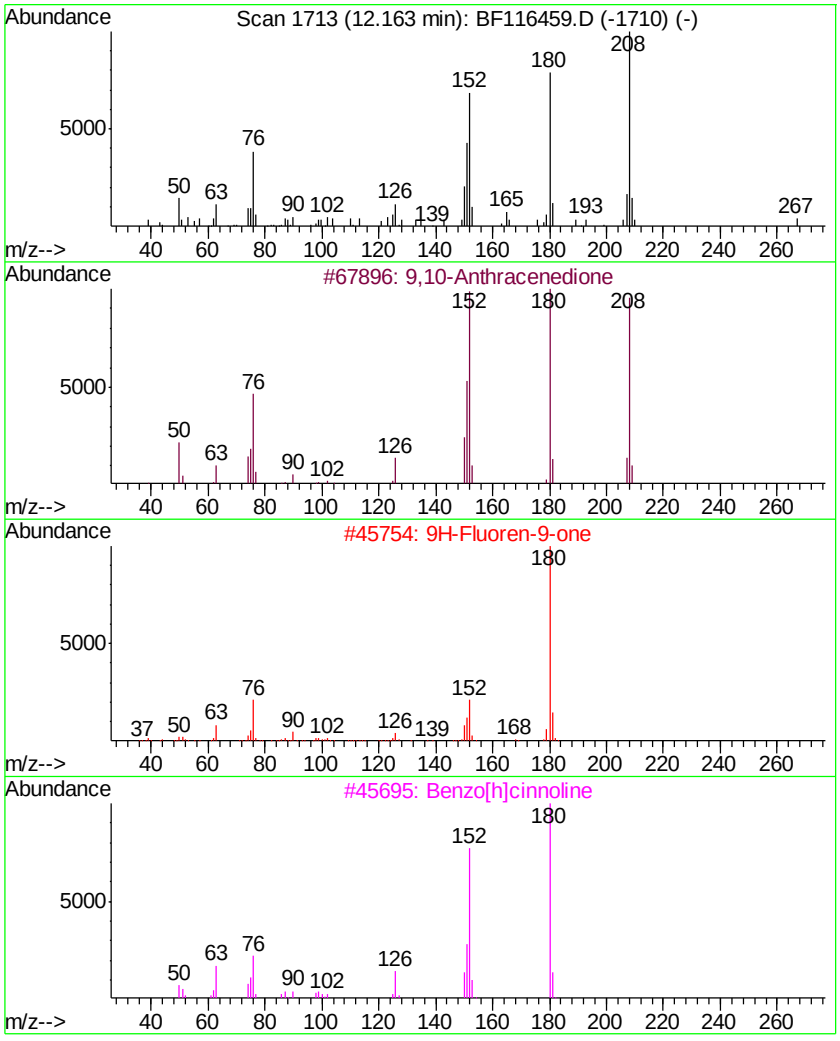
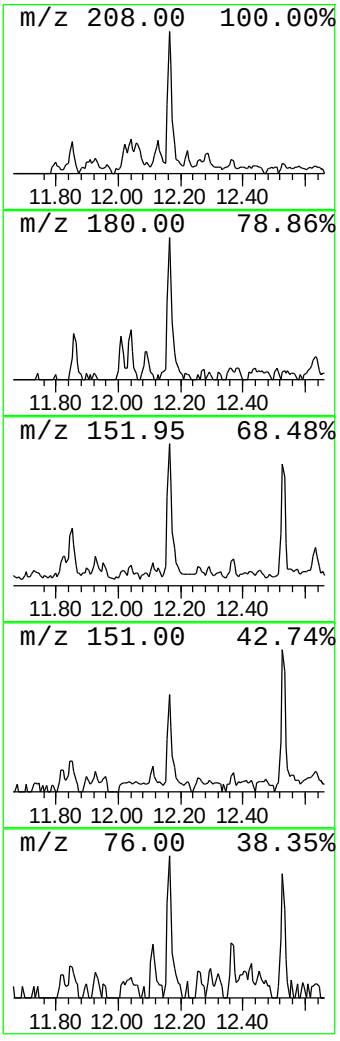
Peak Number 7 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.03 ng	95200	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116459.D
Acq On : 21 Aug 2019 12:19
Operator : HP/JU
Sample : K4354-01
Misc :
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Instrument : BNA_F
ClientSampleId : PX-01-081319

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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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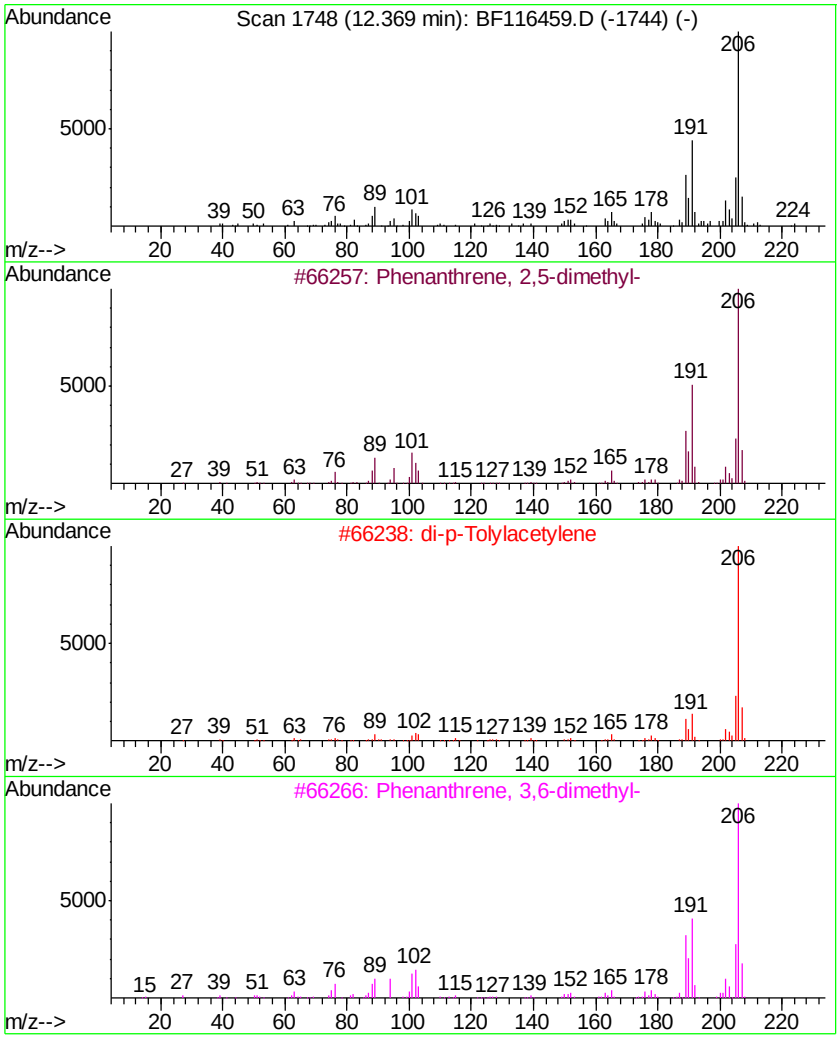
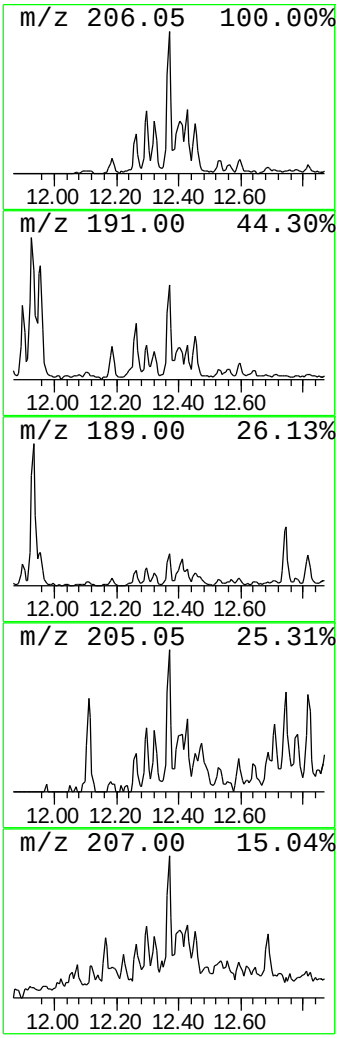
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.34 ng	109974	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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ClientSampleId : PX-01-081319

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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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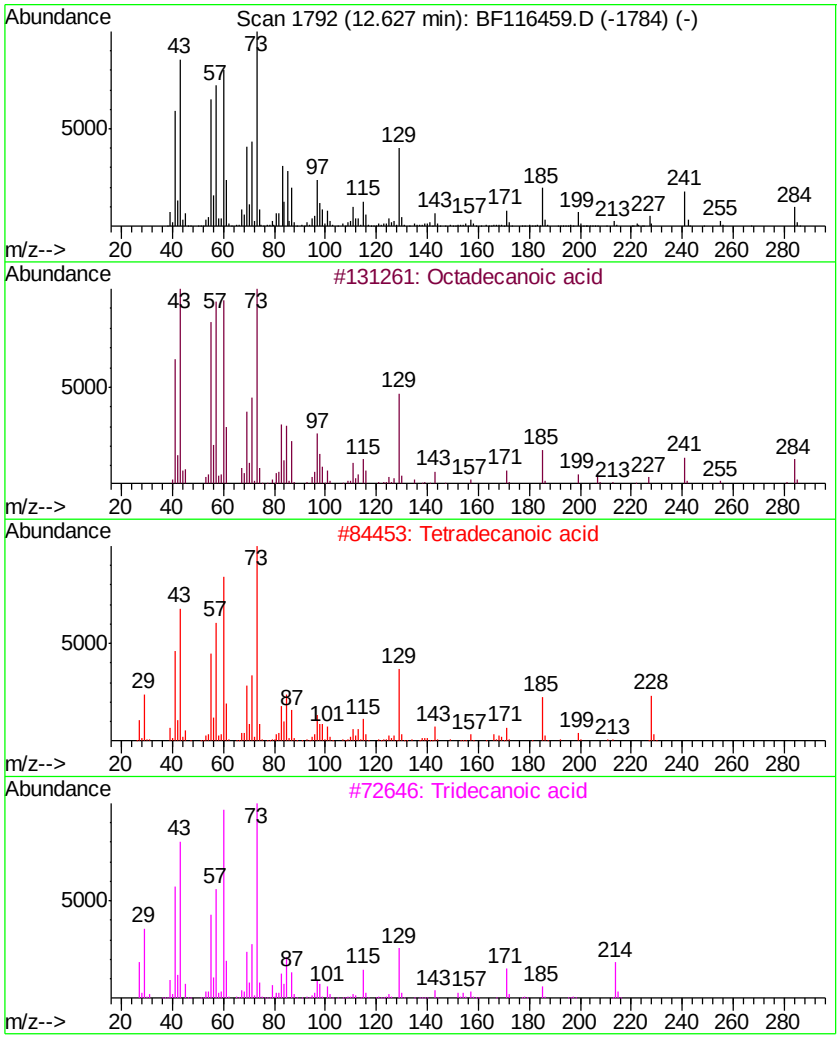
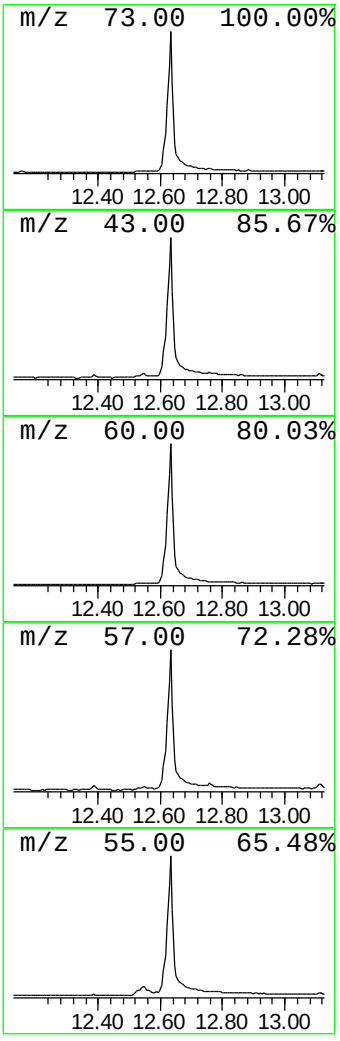
Peak Number 9 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	75.34 ng	3536720	Phenanthrene-d10	11.32

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	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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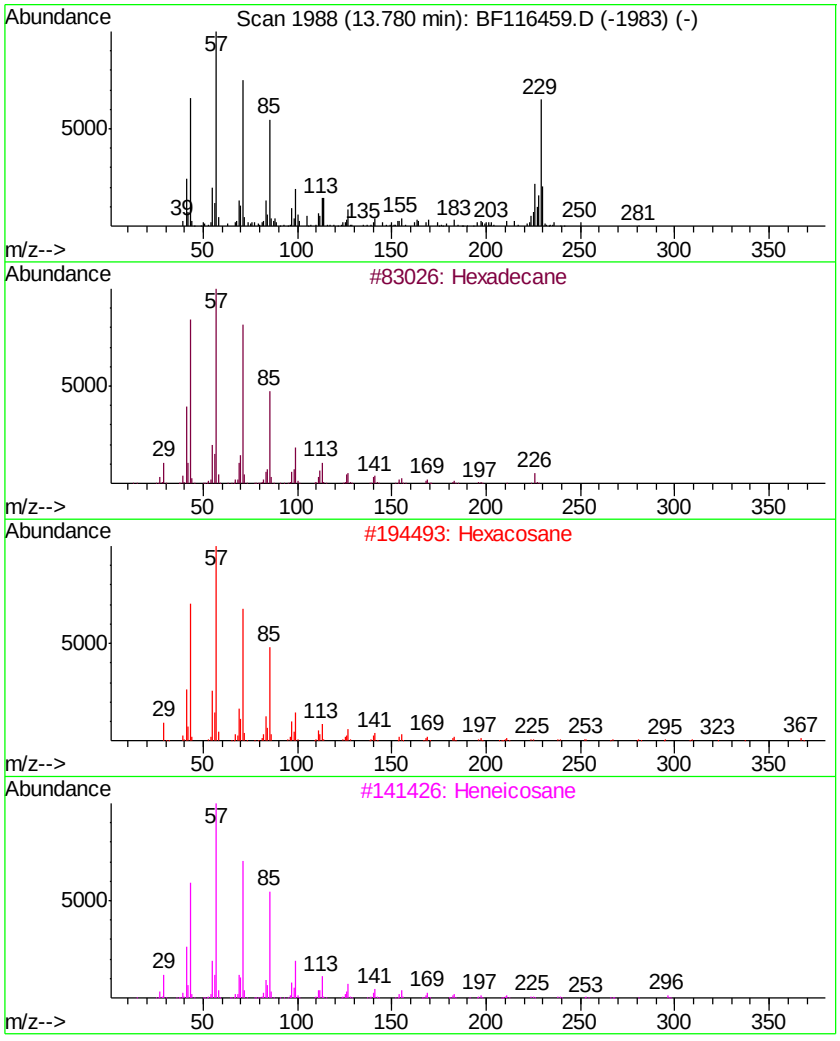
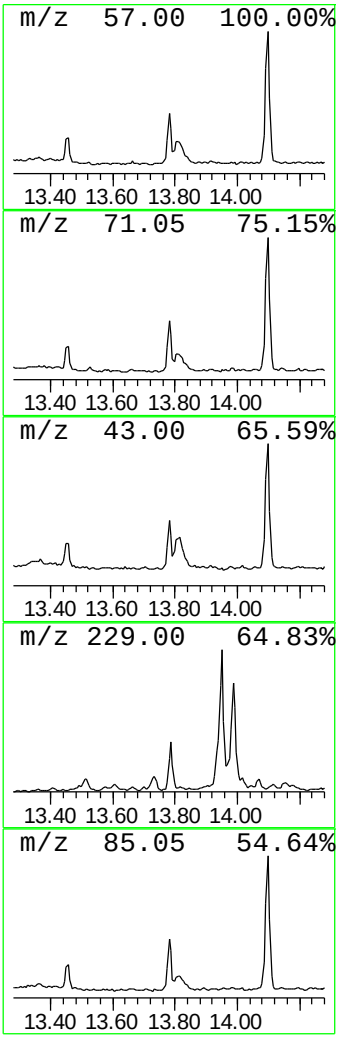
Peak Number 10 unknown13.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.70 ng	184014	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Hexacosane	366	C26H54	000630-01-3	50
3	Heneicosane	296	C21H44	000629-94-7	50
4	Octadecane	254	C18H38	000593-45-3	45
5	Docosane	310	C22H46	000629-97-0	45





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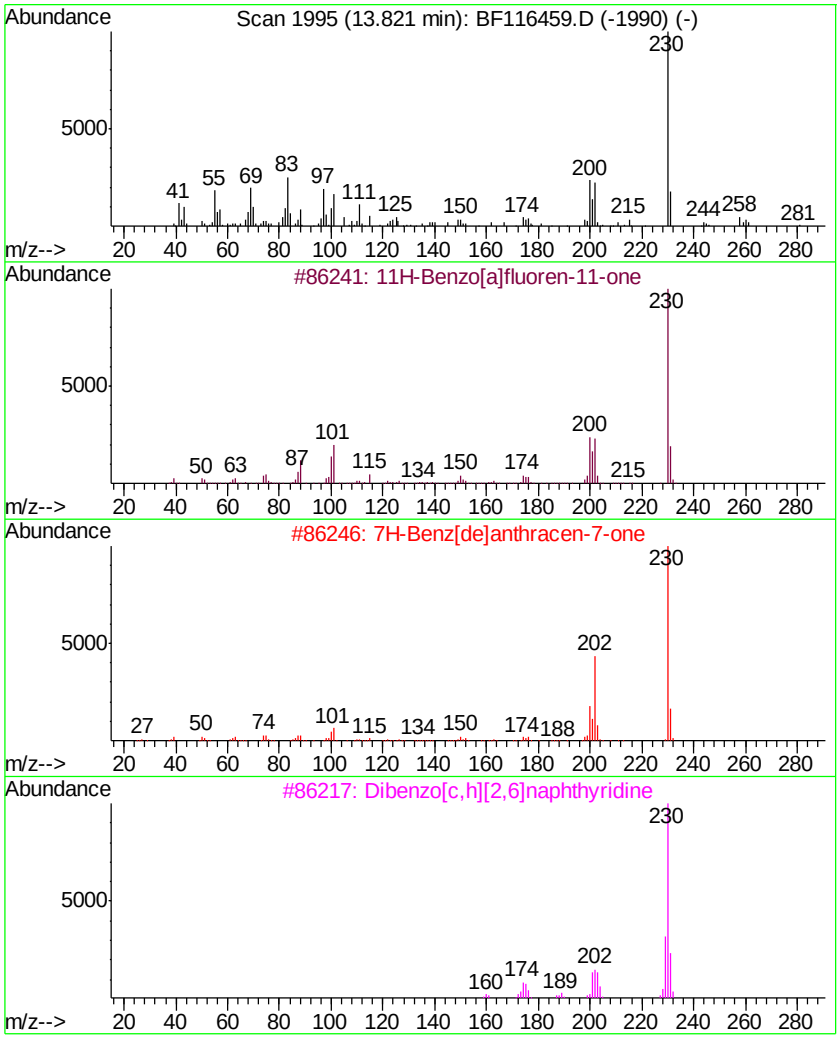
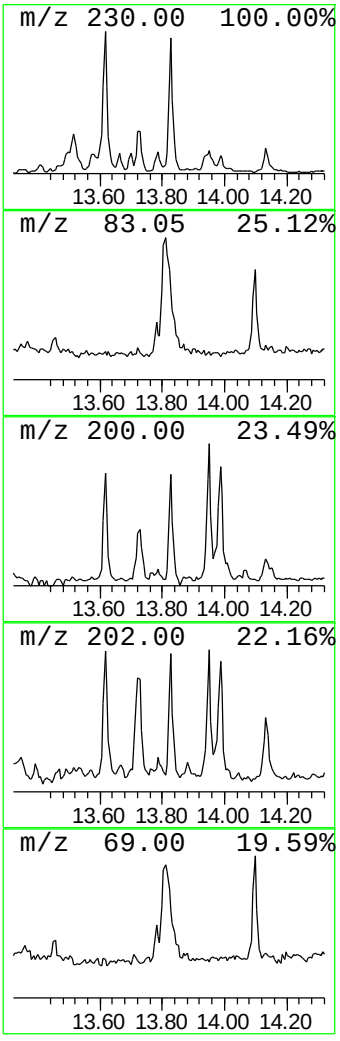
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.19 ng	286120	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
4	6,6-Diphenylfulvene	230	C18H14	002175-90-8	50
5	o-Terphenyl	230	C18H14	000084-15-1	50





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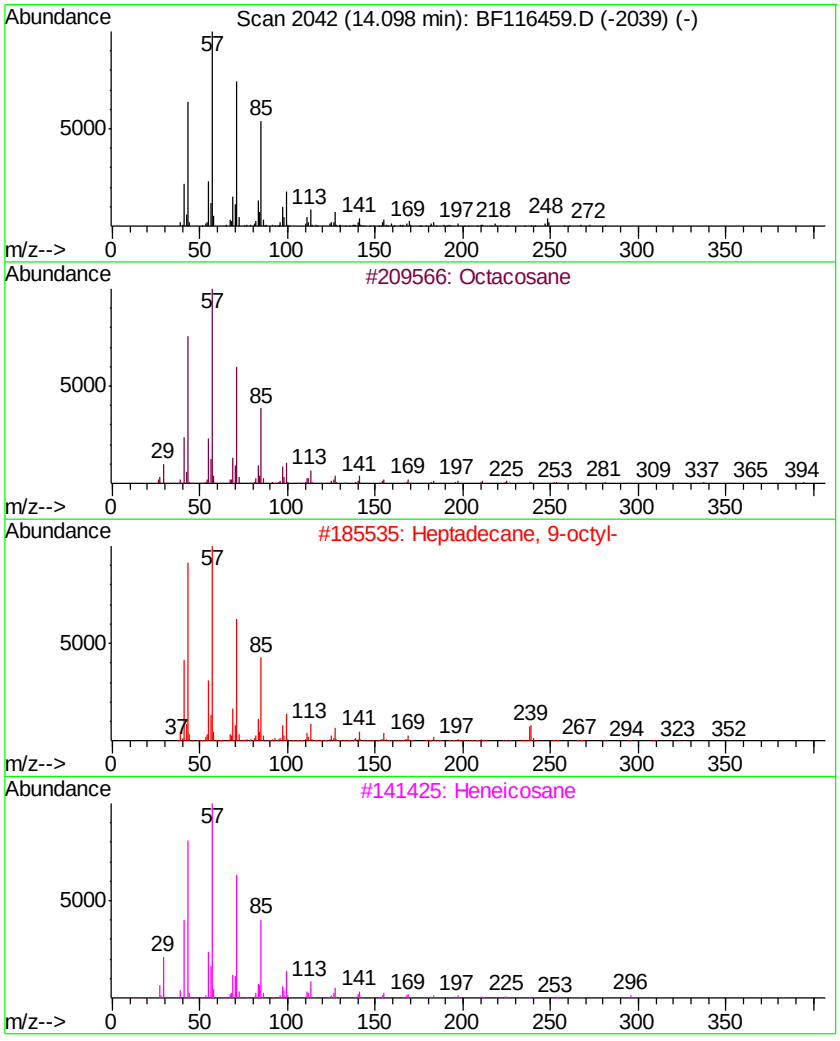
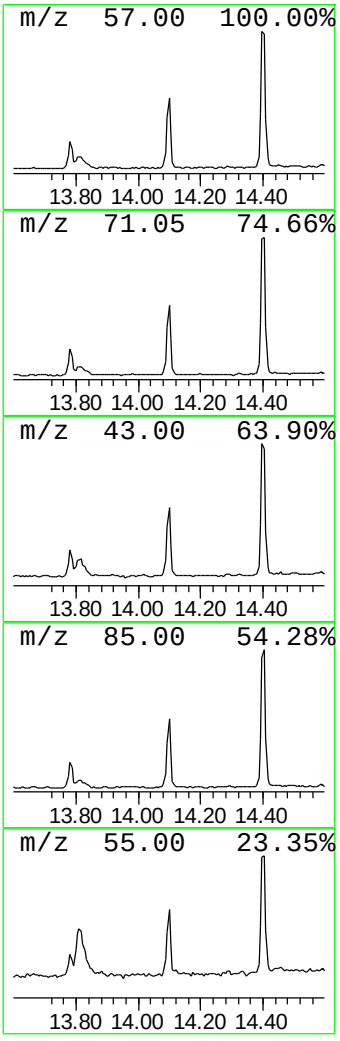
Peak Number 12 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.86 ng	195003	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





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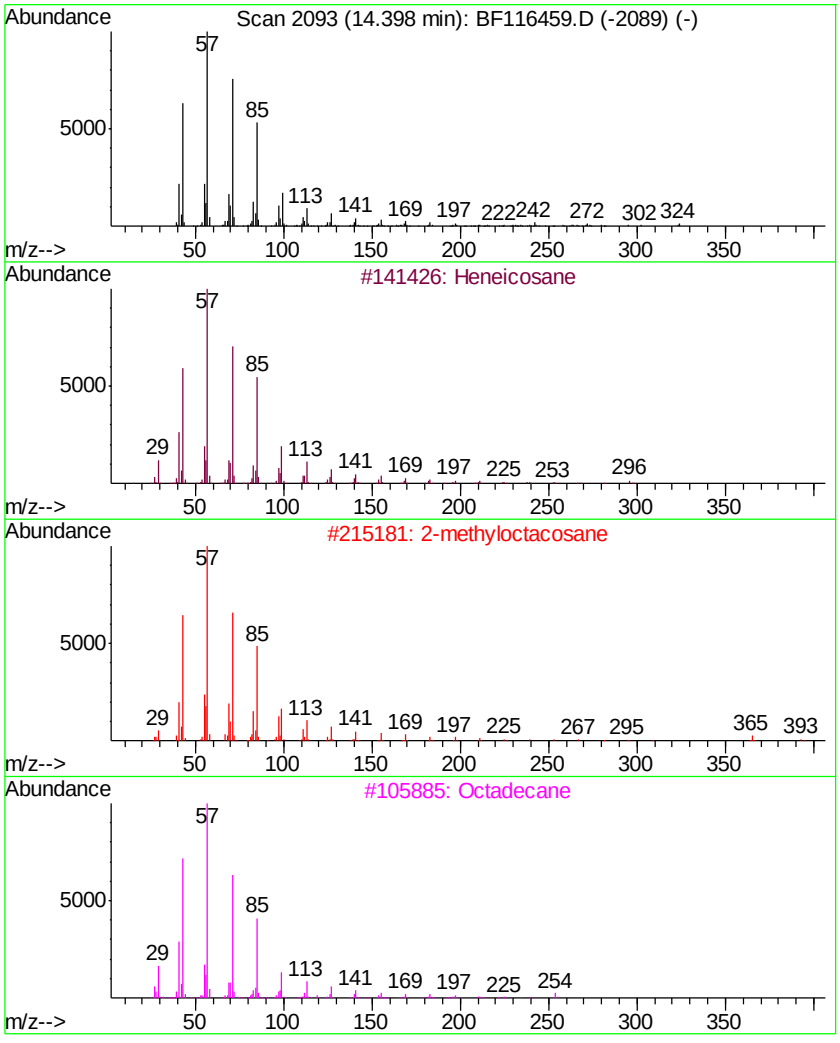
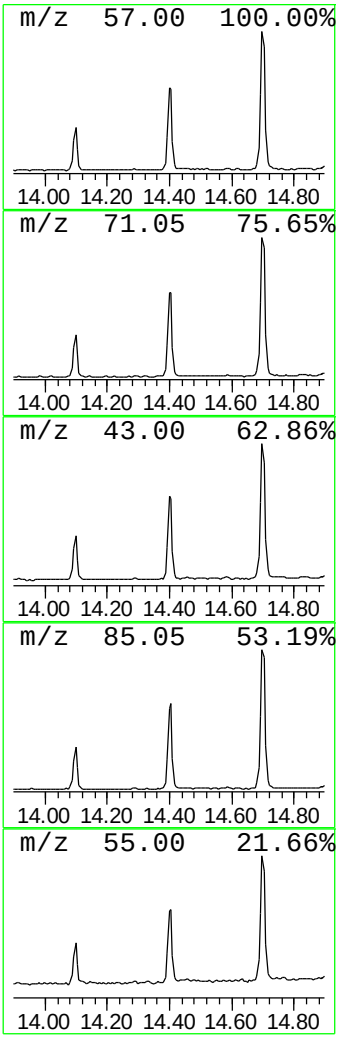
Peak Number 13 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	7.42 ng	506526	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octadecane	254	C18H38	000593-45-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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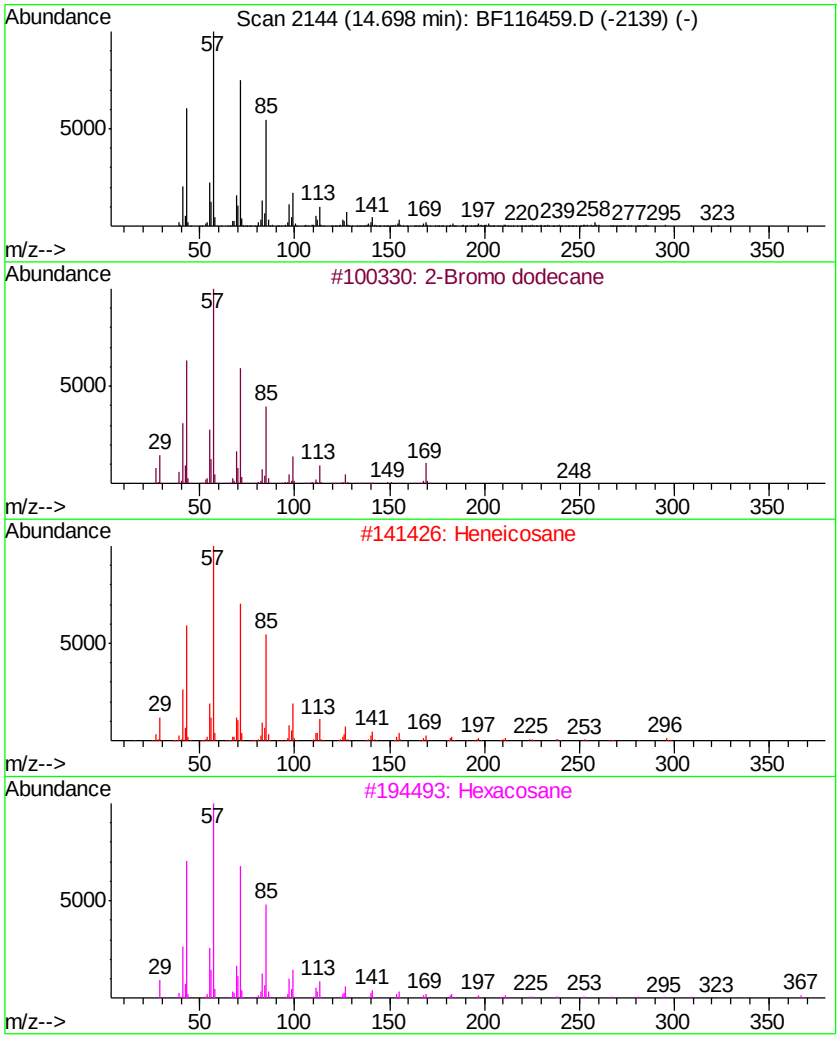
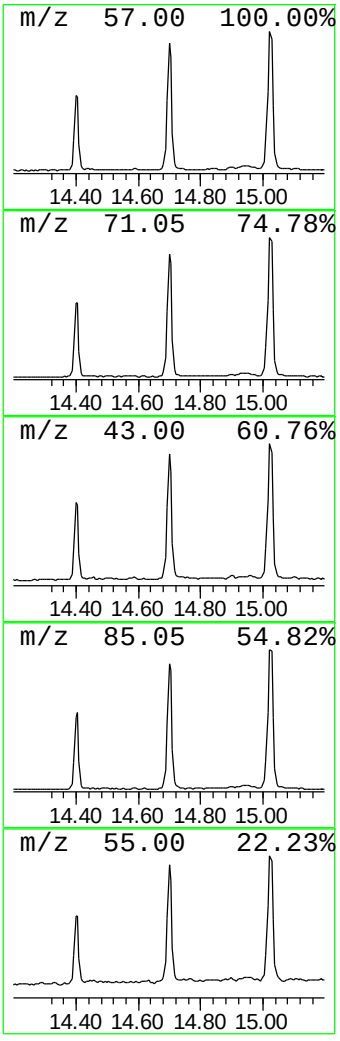
Peak Number 14 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	33.99 ng	921993	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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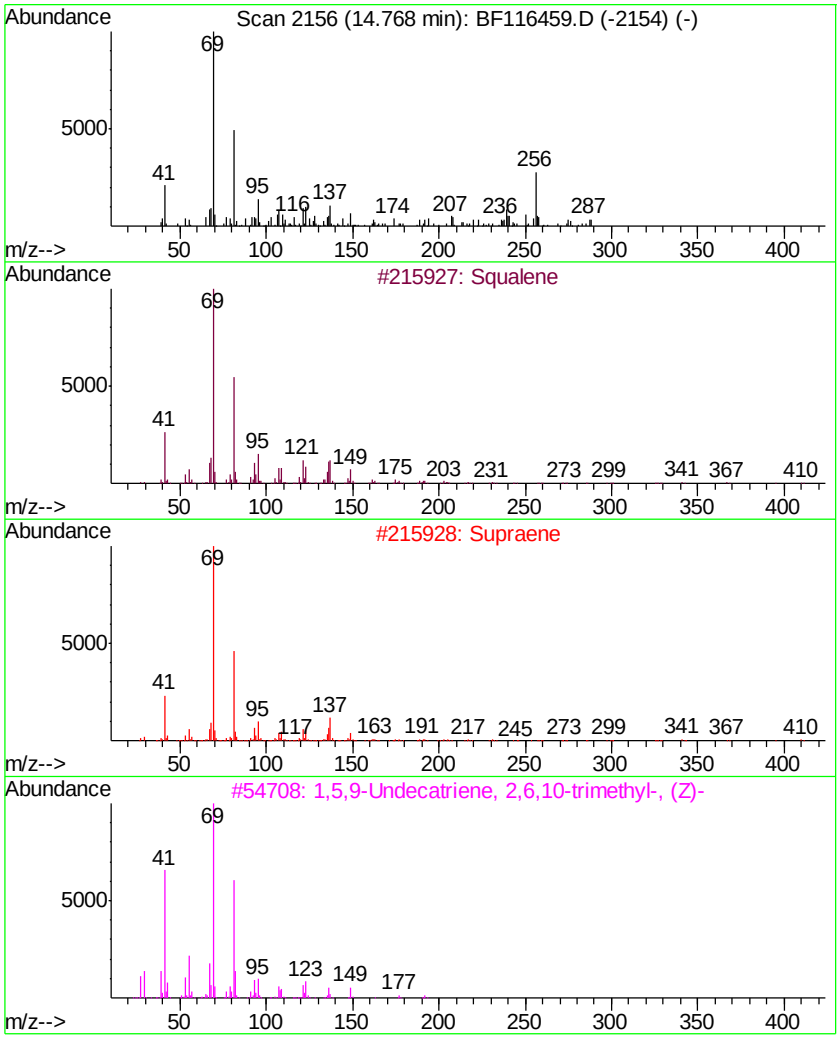
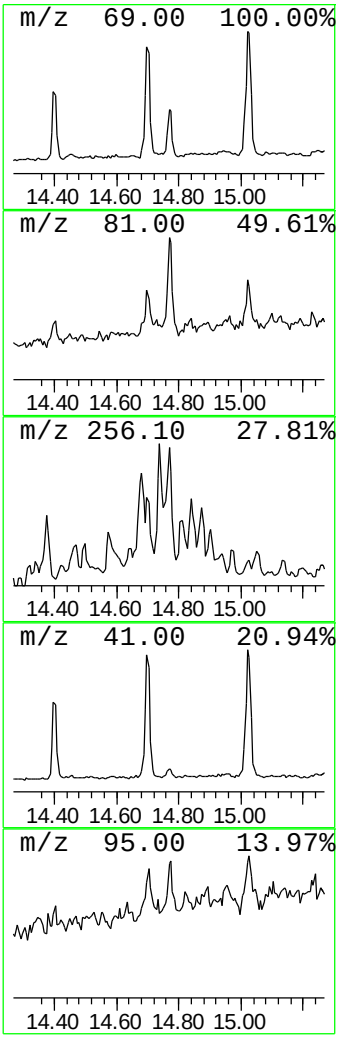
Peak Number 15 Squalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.42 ng	65523	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	46
2	Supraene	410	C30H50	007683-64-9	46
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	46
4	Oxalic acid, monoamide, N-cyclop...	241	C13H23NO3	1000309-49-2	43
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	43





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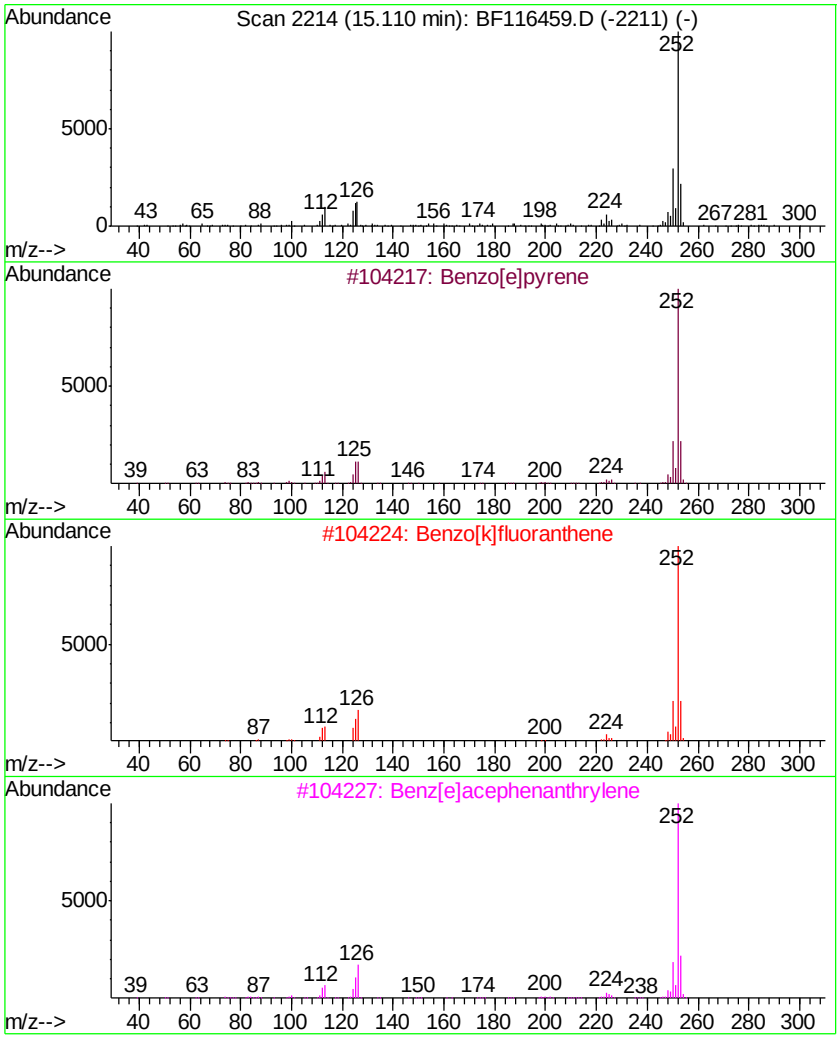
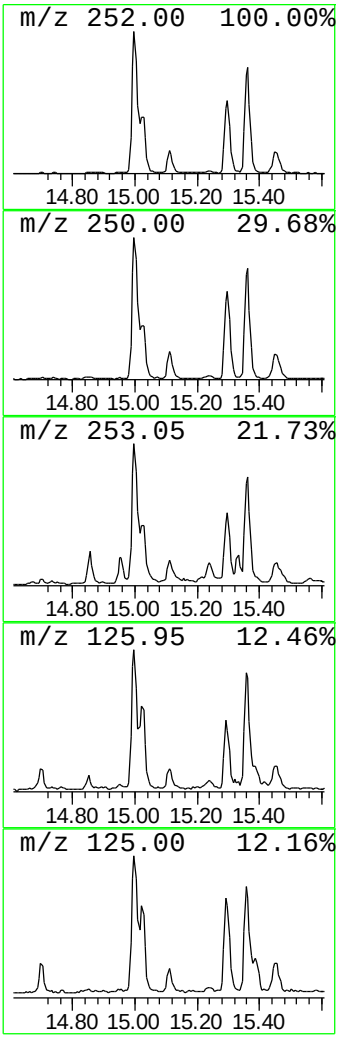
Peak Number 16 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.72 ng	100955	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	87





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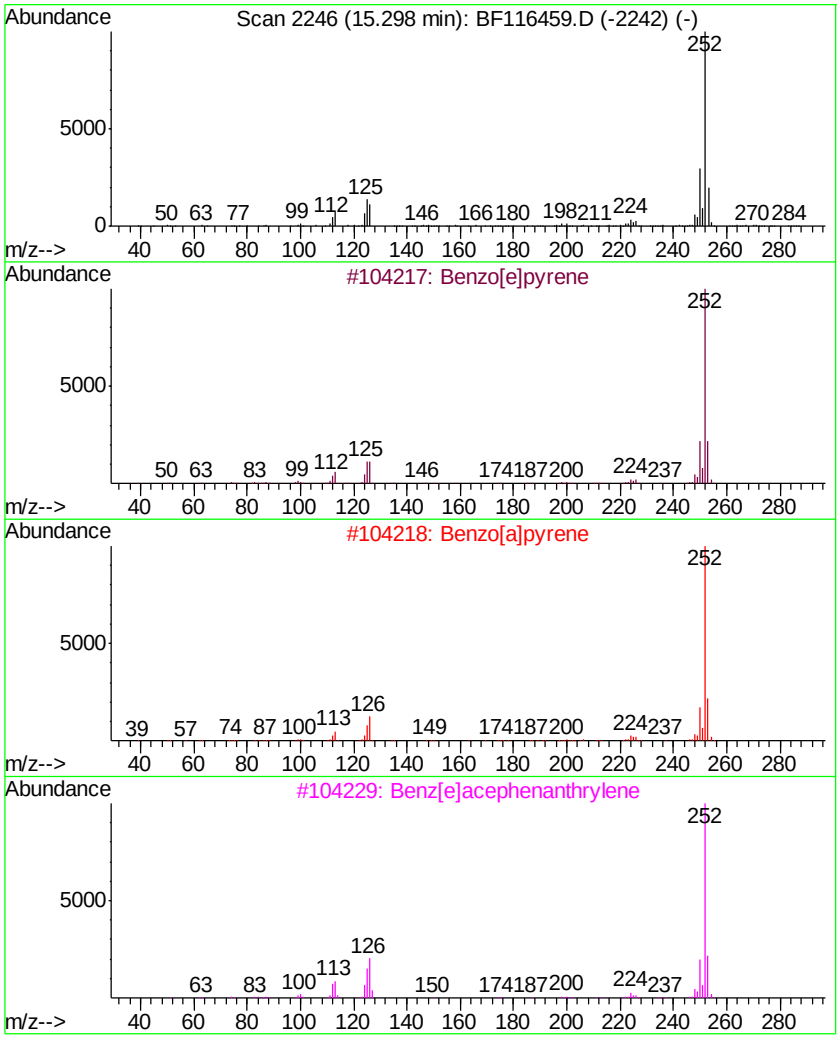
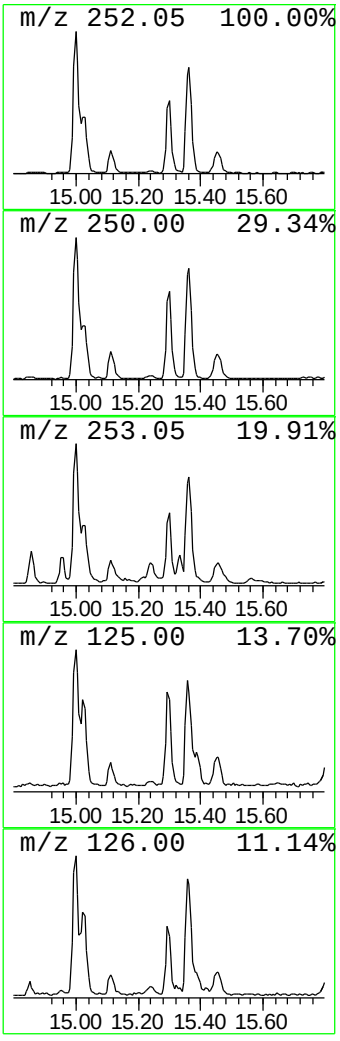
Peak Number 17 unknown15.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	8.57 ng	232529	Perylene-d12	15.42

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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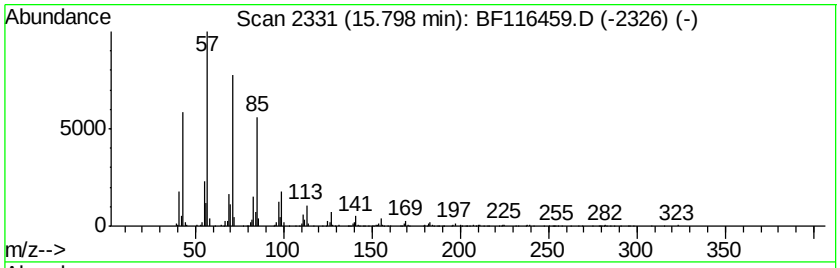
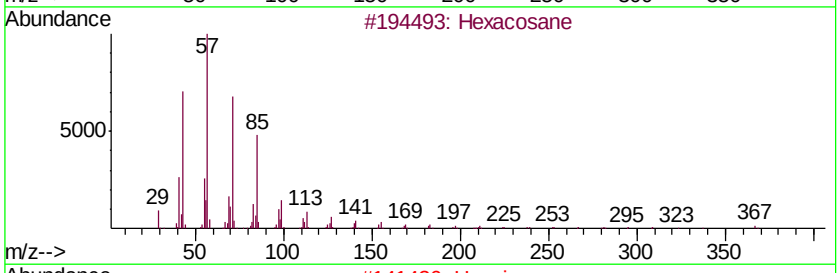
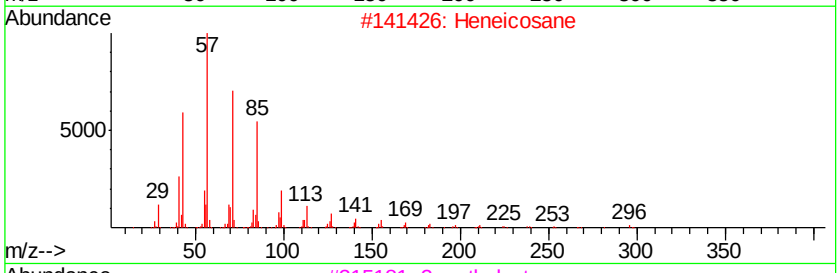
Peak Number 18 Hexacosane Concentration Rank 6

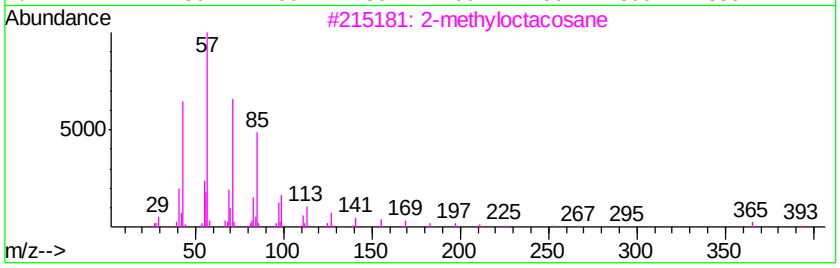
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	32.22 ng	874187	Perylene-d12	15.42

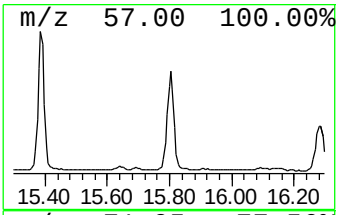
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Heptadecane	240	C17H36	000629-78-7	87

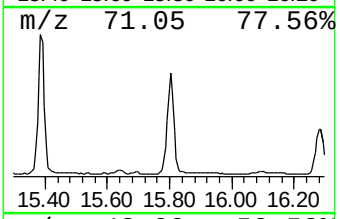


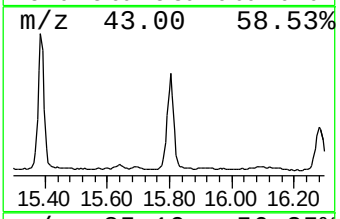


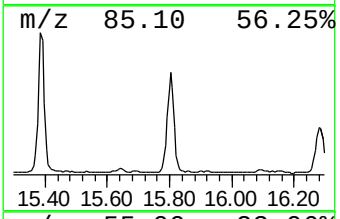


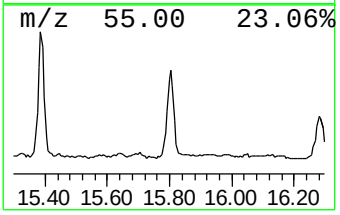












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116459.D
Acq On : 21 Aug 2019 12:19
Operator : HP/JU
Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

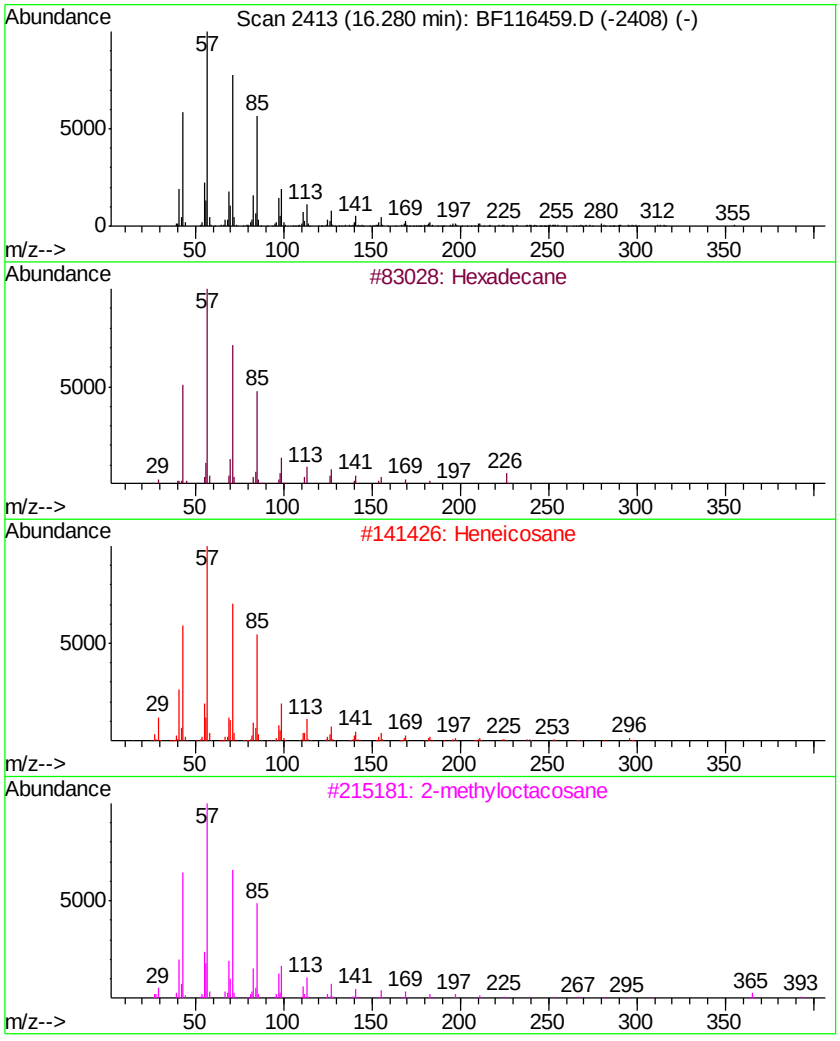
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

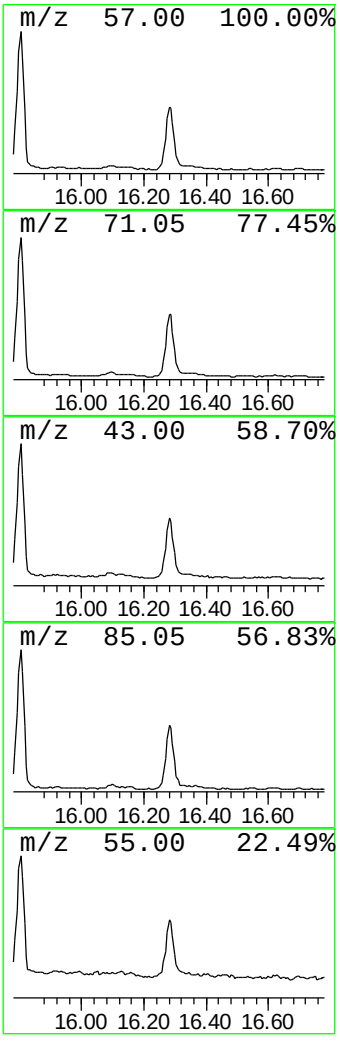
****

Peak Number 19 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	20.51 ng	556438	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082119\
Data File : BF116459.D
Acq On : 21 Aug 2019 12:19
Operator : HP/JU
Sample : K4354-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-01-081319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.57	6.57	71.7	ng	1940300	1	6.79	541542	20.0
9H-Carbazole, 9-n...	11.56	2.1	ng	100844	4	11.32	938920	20.0
n-Hexadecanoic acid	11.85	58.3	ng	2736350	4	11.32	938920	20.0
Anthracene, 2-met...	11.90	3.6	ng	168320	4	11.32	938920	20.0
4H-Cyclopenta[def...	11.93	5.1	ng	240469	4	11.32	938920	20.0
9,10-Anthracenedione	12.16	2.0	ng	95200	4	11.32	938920	20.0
Phenanthrene, 2,5...	12.37	2.3	ng	109974	4	11.32	938920	20.0
Octadecanoic acid	12.63	75.3	ng	3536720	4	11.32	938920	20.0
unknown13.78	13.78	2.7	ng	184014	5	13.96	1364910	20.0
11H-Benzo[a]fluor...	13.82	4.2	ng	286120	5	13.96	1364910	20.0
Octacosane	14.10	2.9	ng	195003	5	13.96	1364910	20.0
Heneicosane	14.40	7.4	ng	506526	5	13.96	1364910	20.0
2-Bromo dodecane	14.70	34.0	ng	921993	6	15.42	542554	20.0
Squalene	14.77	2.4	ng	65523	6	15.42	542554	20.0
Benzo[e]pyrene	15.11	3.7	ng	100955	6	15.42	542554	20.0
unknown15.30	15.30	8.6	ng	232529	6	15.42	542554	20.0
Hexacosane	15.80	32.2	ng	874187	6	15.42	542554	20.0
Hexadecane	16.28	20.5	ng	556438	6	15.42	542554	20.0