LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118141.D
Acq On : 7 Dec 2019 20:49
Operator : JU
Sample : K6147-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	13	rVB	214642	259599	8.06%	0.541%
2	4.451	398	402	407	rBV	39056	46222	1.43%	0.096%
3	5.075	503	508	519	rVB	419998	513171	15.93%	1.070%
4	5.487	573	578	581	rBV	2530048	2375861	73.74%	4.952%
5	6.145	687	690	693	rBV	59456	47841	1.48%	0.100%
6	6.498	745	750	759	rBV	2356684	2730243	84.74%	5.691%
7	6.640	769	774	777	rBV	3230738	2792205	86.66%	5.820%
8	6.869	809	813	816	rBV	868213	773277	24.00%	1.612%
9	7.022	835	839	843	rBV	2429774	2166584	67.24%	4.516%
10	7.434	904	909	912	rBV	1717024	1597771	49.59%	3.330%
11	8.151	1028	1031	1042	rBV	1177661	1037168	32.19%	2.162%
12	9.233	1210	1215	1218	rBV	3977960	3221969	100.00%	6.716%
13	9.622	1278	1281	1286	rBV	326830	261859	8.13%	0.546%
14	9.775	1304	1307	1311	rBV	92653	76632	2.38%	0.160%
15	9.916	1327	1331	1334	rBV	1420054	1189220	36.91%	2.479%
16	9.945	1334	1336	1339	rVB	221611	161955	5.03%	0.338%
17	10.116	1361	1365	1369	rBV	59330	58693	1.82%	0.122%
18	10.463	1421	1424	1428	rBV	130526	108338	3.36%	0.226%
19	10.704	1461	1465	1469	rBV	2173370	2046426	63.51%	4.265%
20	10.833	1481	1487	1492	rVB4	41792	66568	2.07%	0.139%
21	11.016	1512	1518	1520	rBV4	31463	39559	1.23%	0.082%
22	11.210	1548	1551	1554	rBV	59499	49244	1.53%	0.103%
23	11.298	1563	1566	1571	rVB	54998	61899	1.92%	0.129%
24	11.345	1571	1574	1578	rBV4	30707	38419	1.19%	0.080%
25	11.404	1581	1584	1586	rVV	1167952	1088943	33.80%	2.270%
26	11.433	1586	1589	1592	rVV	1131400	1004651	31.18%	2.094%
27	11.480	1594	1597	1600	rVV	566331	468734	14.55%	0.977%
28	11.516	1600	1603	1609	rVB2	31852	47375	1.47%	0.099%
29	11.639	1617	1624	1631	rBV	85749	142538	4.42%	0.297%
30	11.698	1631	1634	1638	rVV2	51000	53564	1.66%	0.112%
31	11.910	1664	1670	1671	rBV2	145632	165898	5.15%	0.346%
32	11.933	1671	1674	1680	rVV2	568836	633157	19.65%	1.320%
33	11.986	1680	1683	1686	rVV	88355	87110	2.70%	0.182%
34	12.022	1686	1689	1692	rVV2	282310	305060	9.47%	0.636%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC011

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.045	1692	1693	1697	rVB	94194	52909	1.64%	0.110%
36	12.104	1699	1703	1707	rBV4	31018	58267	1.81%	0.121%
37	12.204	1717	1720	1723	rBV	130341	112869	3.50%	0.235%
38	12.233	1723	1725	1728	rVB	82436	66372	2.06%	0.138%
39	12.463	1761	1764	1767	rBV2	76540	91968	2.85%	0.192%
40	12.498	1767	1770	1772	rVV2	58738	67229	2.09%	0.140%
41	12.551	1775	1779	1783	rBV	111276	119325	3.70%	0.249%
42	12.627	1788	1792	1795	rBV	2792082	2549739	79.14%	5.314%
43	12.716	1804	1807	1810	rBV	179329	161672	5.02%	0.337%
44	12.774	1814	1817	1820	rVB2	63283	73352	2.28%	0.153%
45	12.857	1825	1831	1836	rVV2	2200174	2491780	77.34%	5.194%
46	12.904	1836	1839	1843	rVB2	112079	135025	4.19%	0.281%
47	12.998	1851	1855	1858	rVB	2875270	2386619	74.07%	4.974%
48	13.069	1862	1867	1871	rBV2	113130	217750	6.76%	0.454%
49	13.104	1871	1873	1876	rVB	59293	41945	1.30%	0.087%
50	13.163	1879	1883	1884	rBV2	105917	130430	4.05%	0.272%
51	13.180	1884	1886	1890	rVB	247761	242432	7.52%	0.505%
52	13.251	1895	1898	1900	rBV	224044	177824	5.52%	0.371%
53	13.286	1900	1904	1907	rBV2	168742	188956	5.86%	0.394%
54	13.310	1907	1908	1912	rVB2	58846	46156	1.43%	0.096%
55	13.380	1917	1920	1922	rVB	85822	74072	2.30%	0.154%
56	13.410	1922	1925	1928	rBV2	90344	94553	2.93%	0.197%
57	13.445	1928	1931	1933	rBV2	44393	41442	1.29%	0.086%
58	13.663	1966	1968	1970	rBV2	37795	41266	1.28%	0.086%
59	13.692	1970	1973	1977	rVB	183000	190059	5.90%	0.396%
60	13.804	1988	1992	1995	rBV2	206398	247136	7.67%	0.515%
61	13.833	1995	1997	1999	rVV	188468	161914	5.03%	0.337%
62	13.857	1999	2001	2004	rVV2	193028	239633	7.44%	0.499%
63	13.892	2004	2007	2013	rVB2	443170	622619	19.32%	1.298%
64	14.051	2027	2034	2038	rBV2	1479318	2360838	73.27%	4.921%
65	14.086	2038	2040	2043	rVB	1231032	898410	27.88%	1.873%
66	14.163	2051	2053	2056	rVB	170756	128410	3.99%	0.268%
67	14.210	2058	2061	2065	rVV4	79313	121475	3.77%	0.253%
68	14.251	2065	2068	2070	rVB	83610	74984	2.33%	0.156%
69	14.274	2070	2072	2077	rBV2	75977	120117	3.73%	0.250%
70	14.445	2098	2101	2104	rVB	145239	122052	3.79%	0.254%
71	14.480	2104	2107	2110	rVB3	81572	85351	2.65%	0.178%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	14.527	2111	2115	2120	rBV3	288556	442685	13.74%	0.923%
73	14.568	2120	2122	2124	rVV2	122017	104506	3.24%	0.218%
74	14.592	2124	2126	2130	rVB	115195	95485	2.96%	0.199%
75	14.757	2152	2154	2157	rBV2	53964	47206	1.47%	0.098%
76	14.815	2161	2164	2165	rBV	134266	133801	4.15%	0.279%
77	15.115	2210	2215	2218	rBV	948333	1493503	46.35%	3.113%
78	15.174	2222	2225	2228	rVV3	214821	268095	8.32%	0.559%
79	15.221	2230	2233	2236	rVB	195413	225510	7.00%	0.470%
80	15.421	2263	2267	2273	rVB	513667	692093	21.48%	1.443%
81	15.486	2273	2278	2283	rBV	737613	905247	28.10%	1.887%
82	15.551	2284	2289	2292	rBV	629349	882411	27.39%	1.839%
83	15.774	2324	2327	2332	rVB3	115196	153697	4.77%	0.320%
84	16.015	2363	2368	2372	rVB	198148	288288	8.95%	0.601%
85	16.068	2373	2377	2383	rVB3	121875	212675	6.60%	0.443%
86	17.051	2539	2544	2553	rVB2	283102	598008	18.56%	1.246%
87	17.227	2570	2574	2581	rBV3	132200	268398	8.33%	0.559%
88	17.509	2616	2622	2633	rVB	195732	411054	12.76%	0.857%

Sum of corrected areas: 47977365

LSC Report - Integrated Chromatogram

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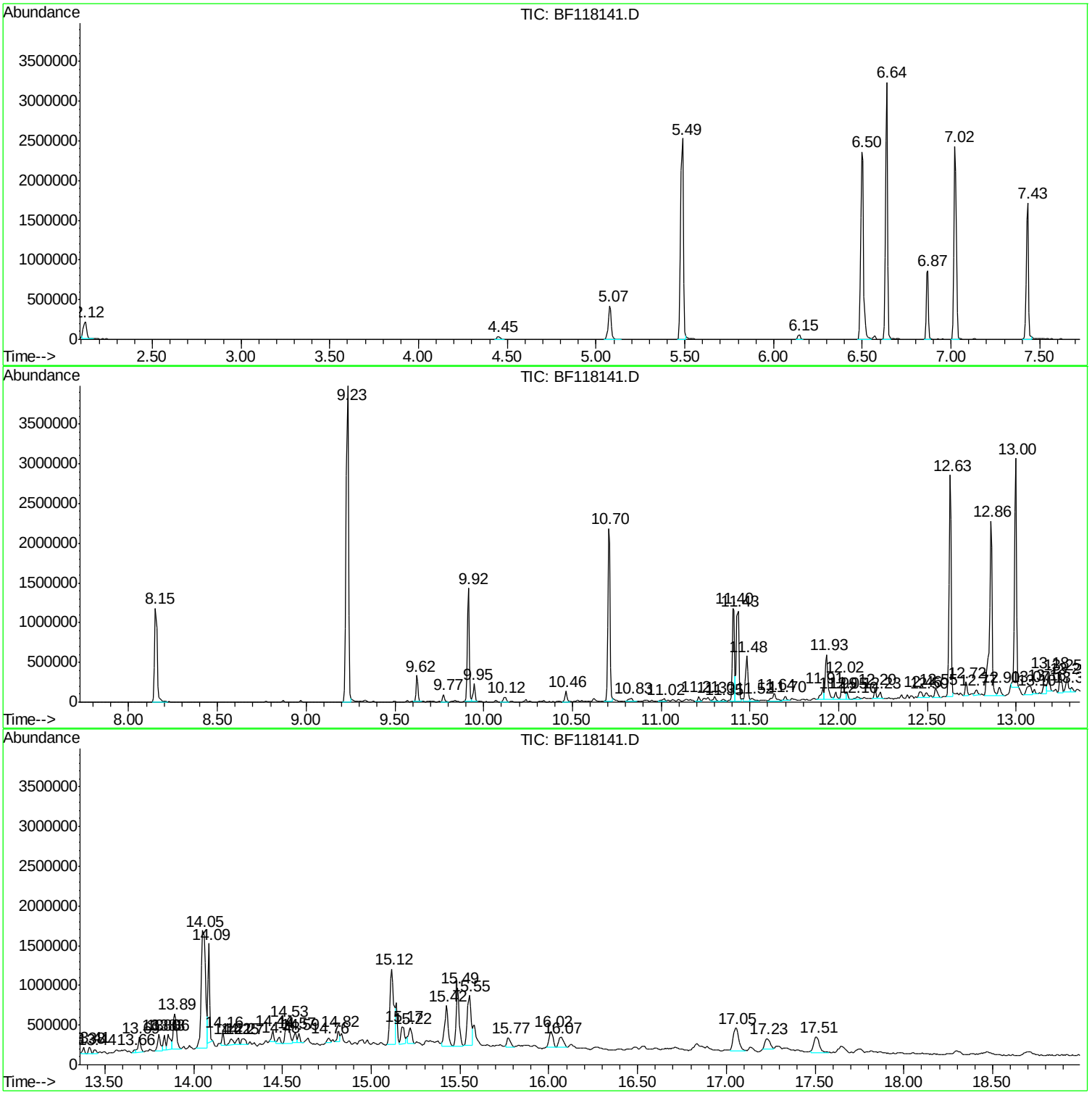
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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\BF120719\
Data File : BF118141.D
Acq On : 7 Dec 2019 20:49
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Sample : K6147-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

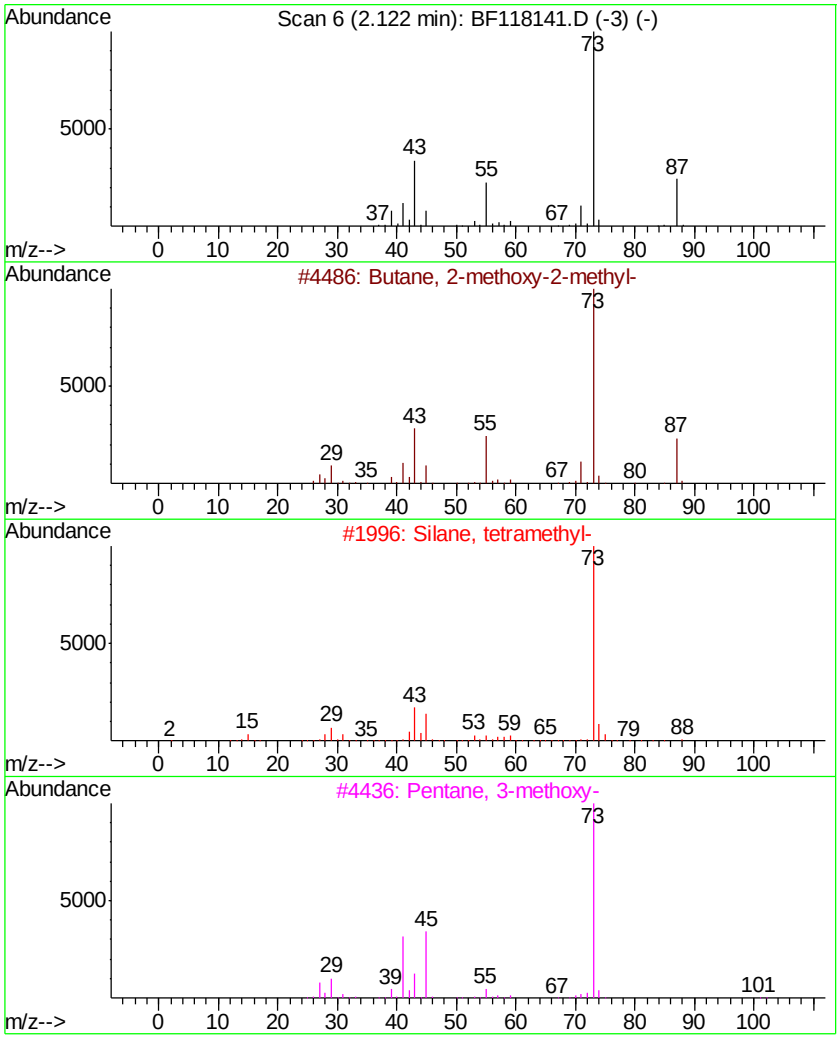
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

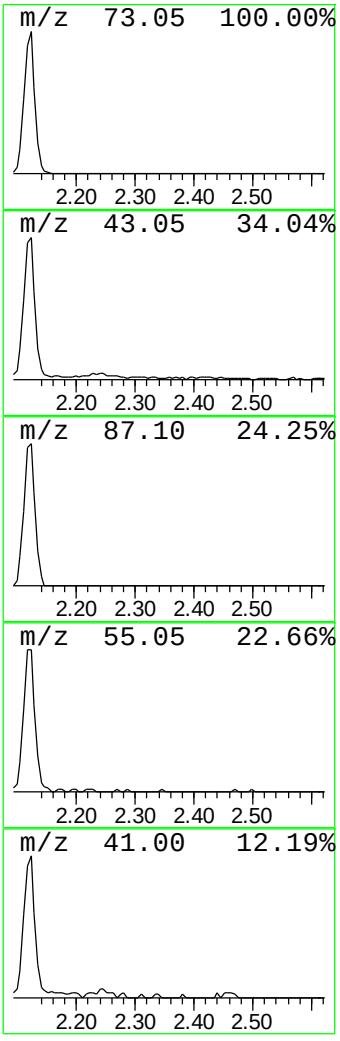
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.71 ng	259599	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118141.D
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Operator : JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

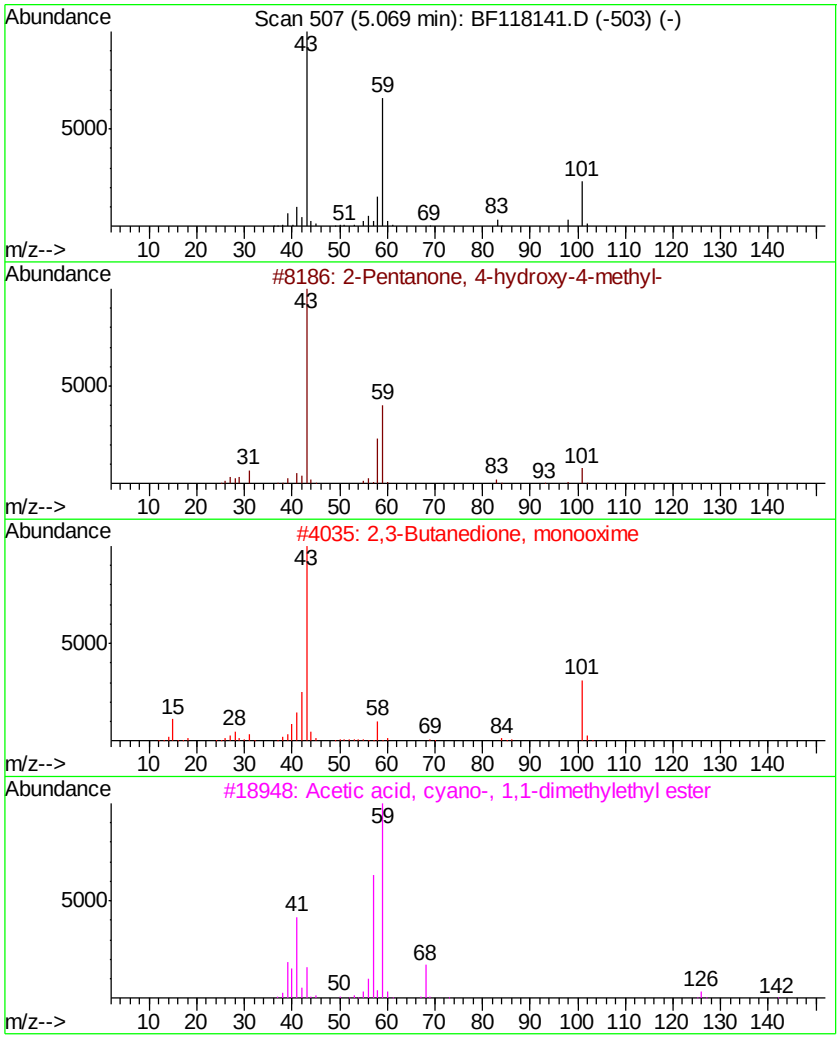
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

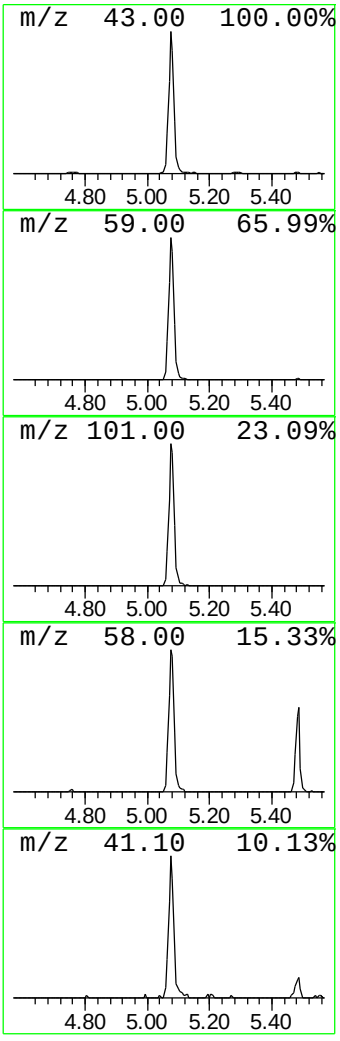
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	13.27 ng	513171	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
ClientSampleId : P001-WC011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

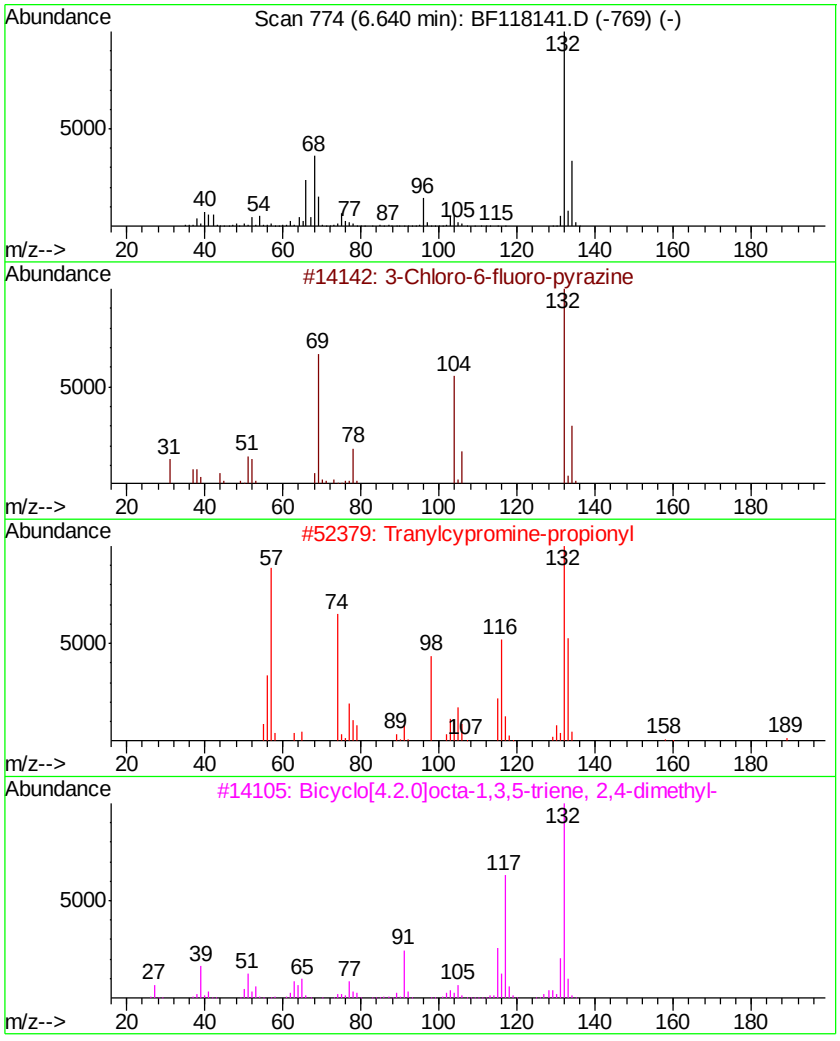
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

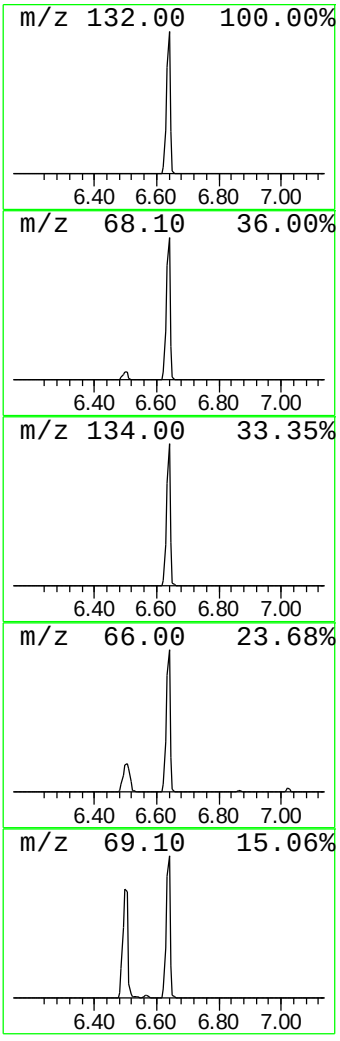
****

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	72.22 ng	2792210	1,4-Dichlorobenzene-d4	6.87

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	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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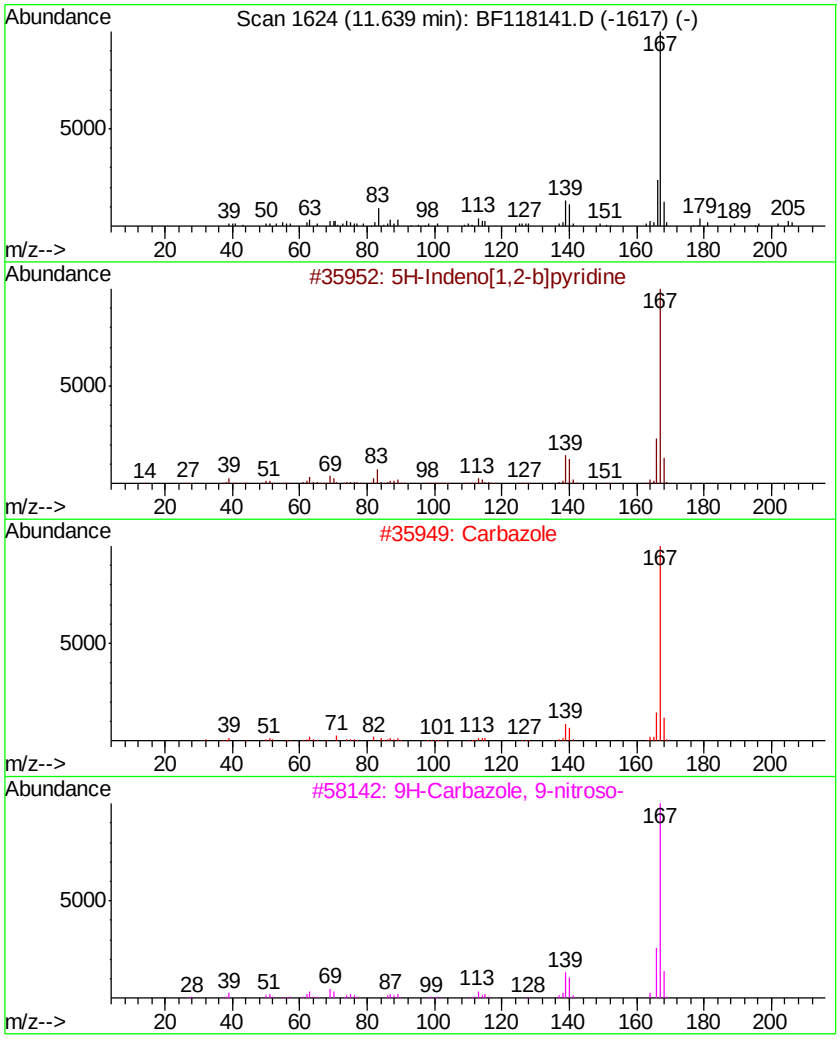
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

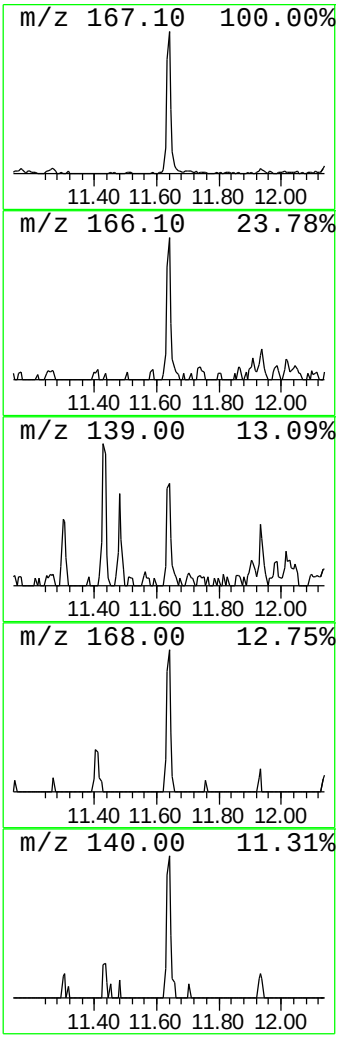
****

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.62 ng	142538	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	Carbazole	167	C12H9N	000086-74-8	87
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

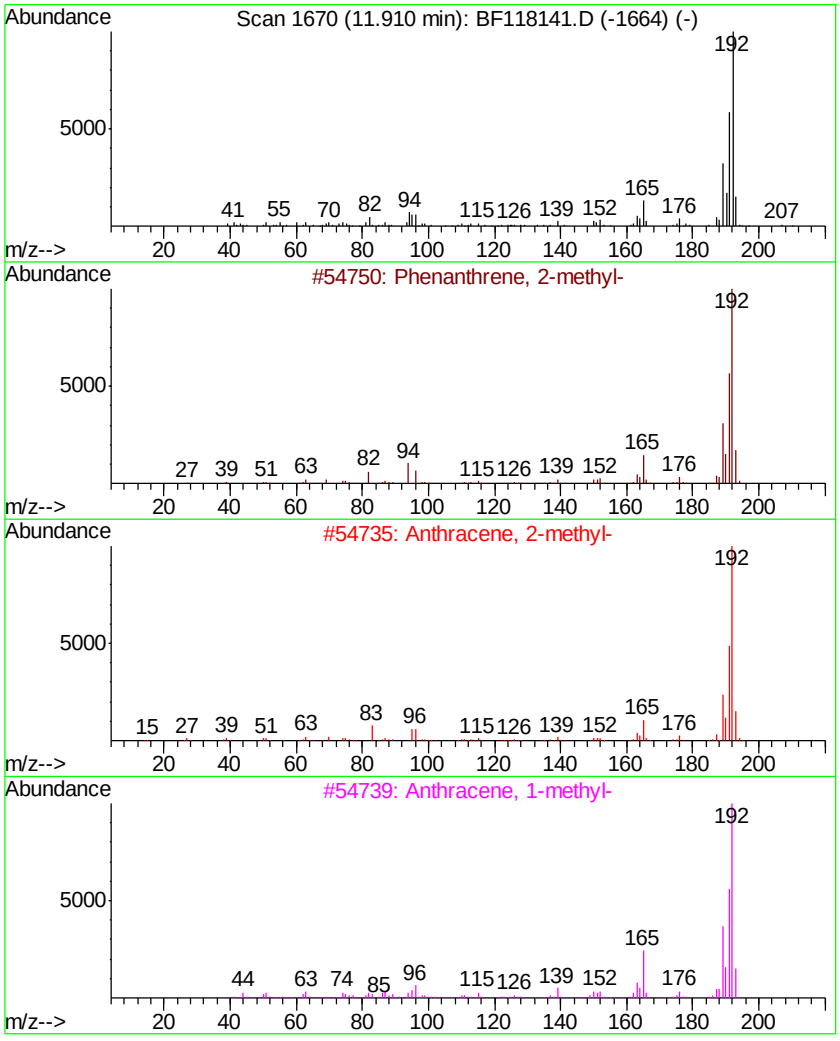
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

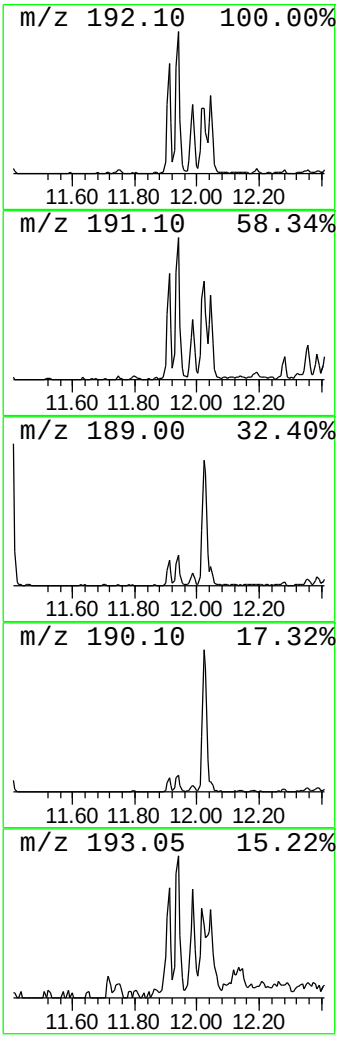
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.05 ng	165898	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Acq On : 7 Dec 2019 20:49
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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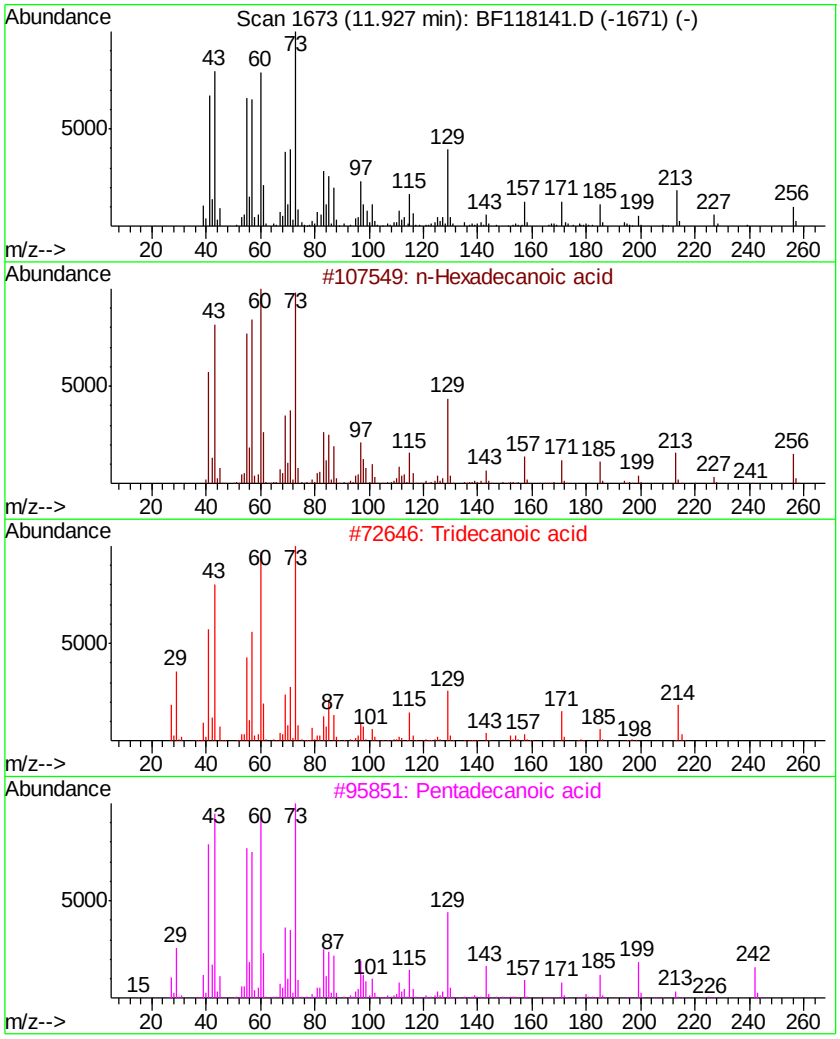
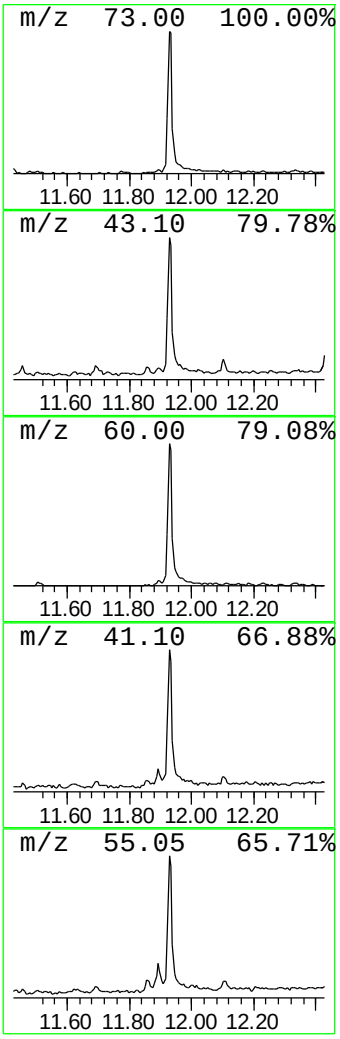
Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	11.63 ng	633157	Phenanthrene-d10	11.41

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	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	56





Library Search Compound Report

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Operator : JU
Sample : K6147-11
Misc :
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ClientSampleId : P001-WC011

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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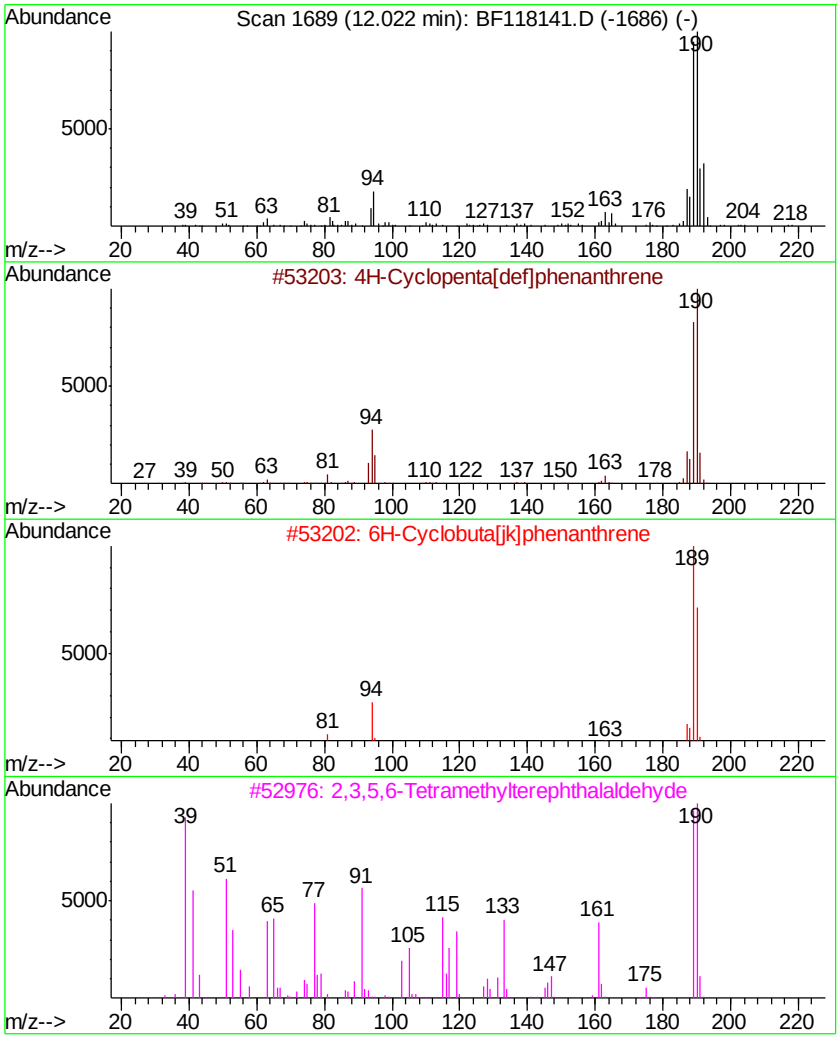
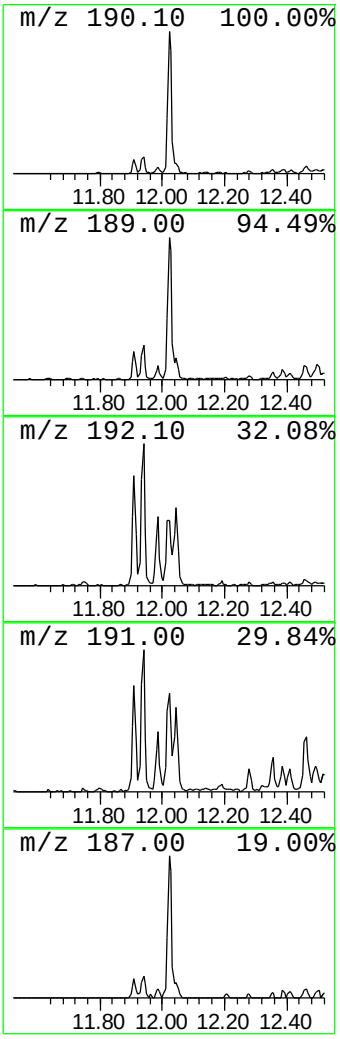
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.60 ng	305060	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	27





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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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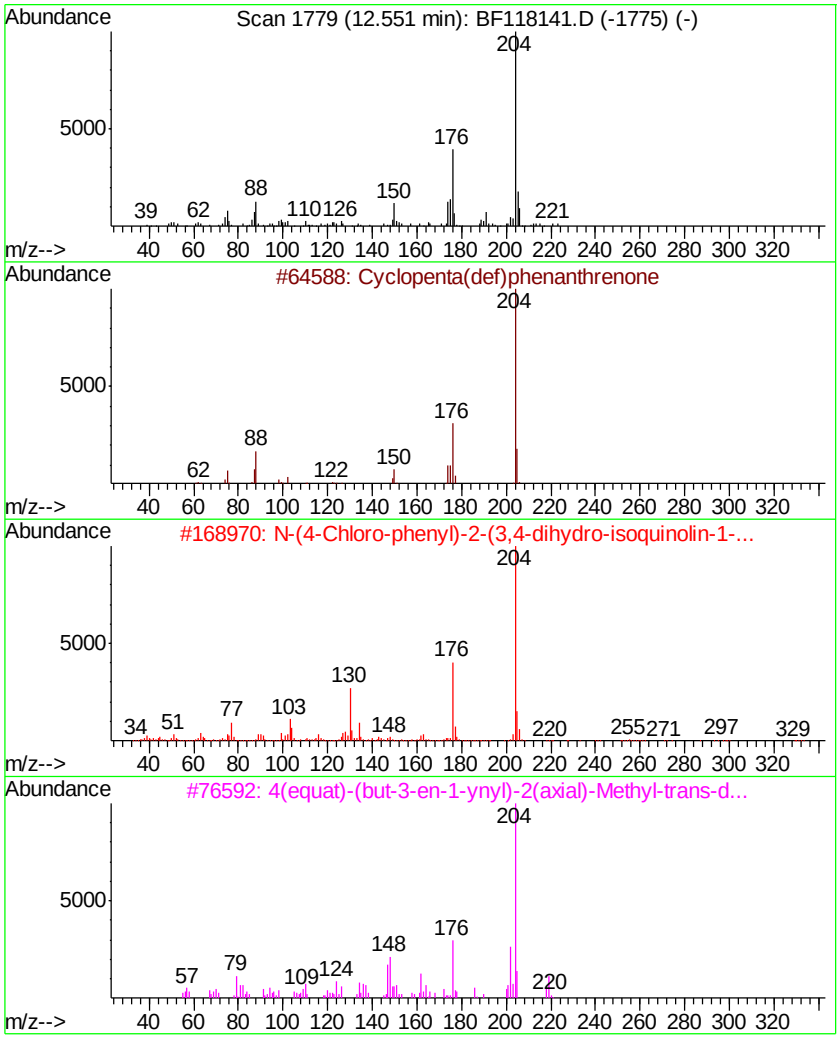
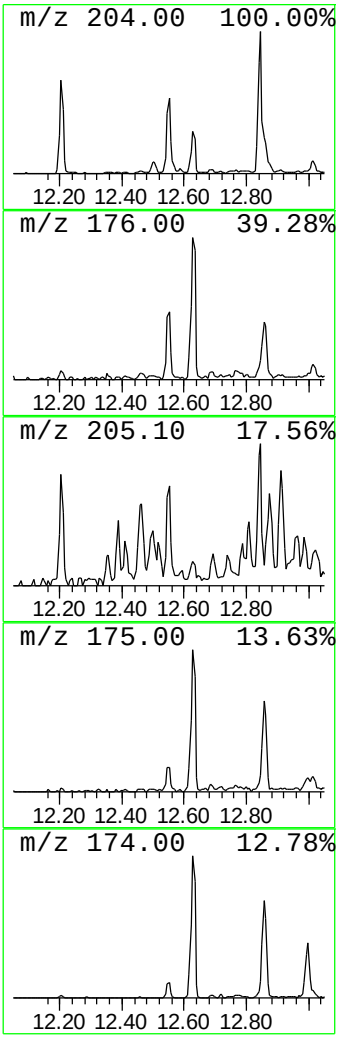
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.19 ng	119325	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





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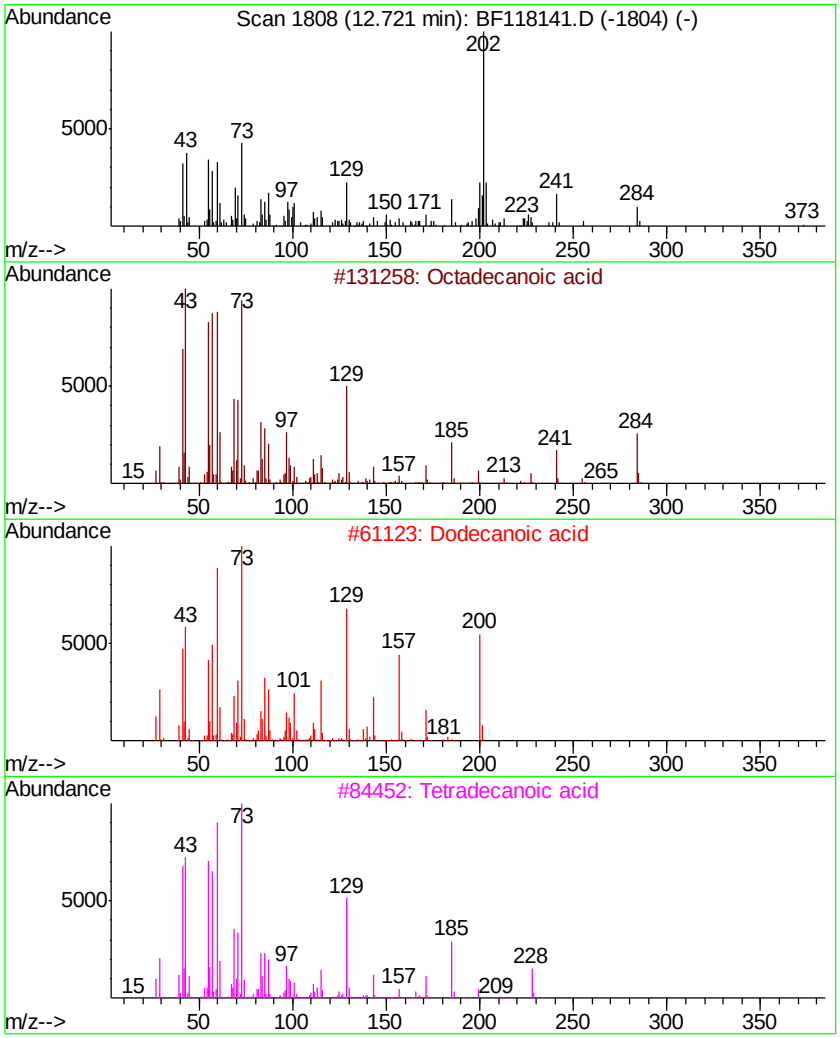
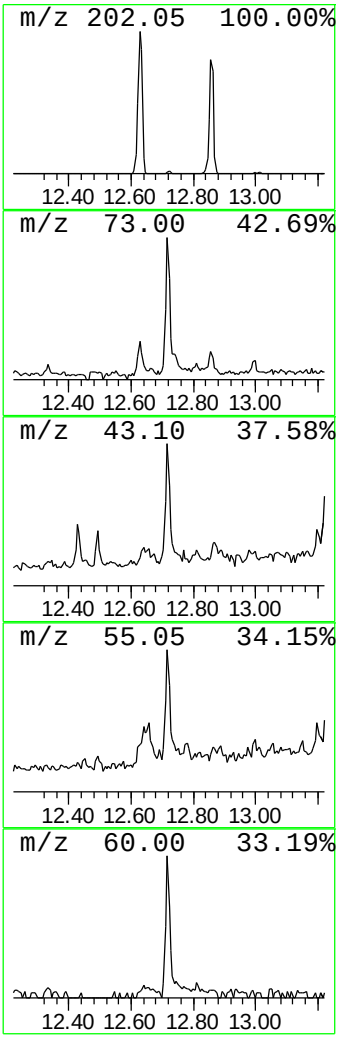
Peak Number 10 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.97 ng	161672	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Dodecanoic acid	200	C12H24O2	000143-07-7	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Fluoranthene	202	C16H10	000206-44-0	35
5	Tridecanoic acid	214	C13H26O2	000638-53-9	27





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TIC Integration Parameters: LSCINT.P

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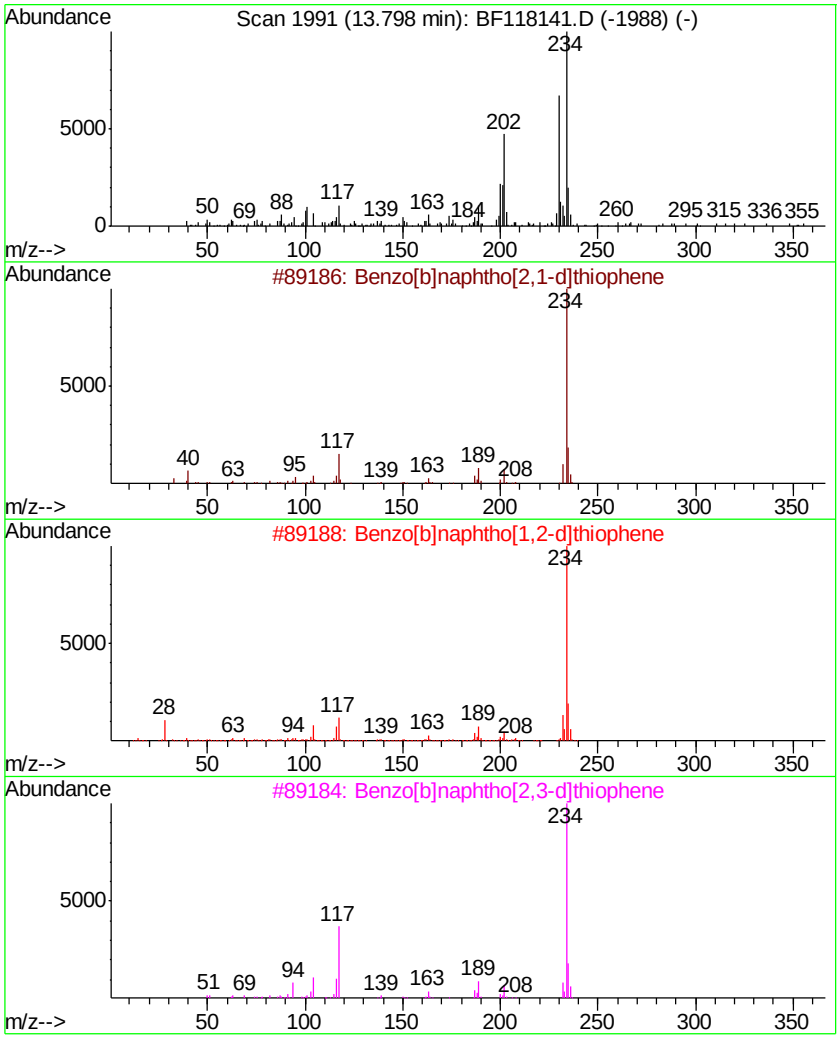
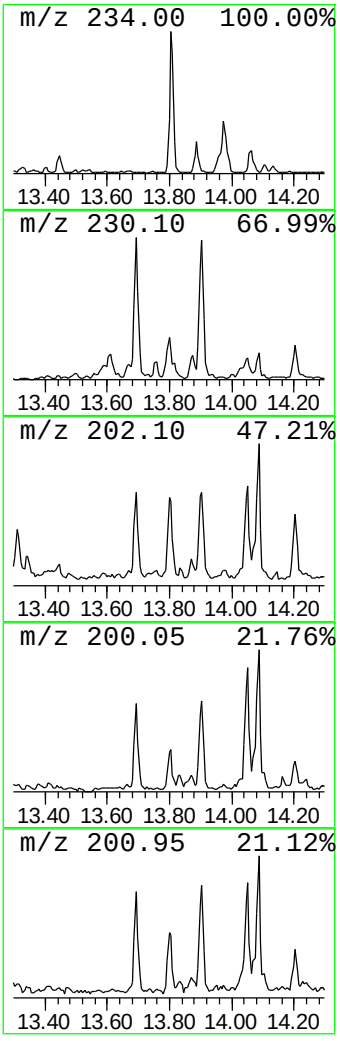
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.09 ng	247136	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	76
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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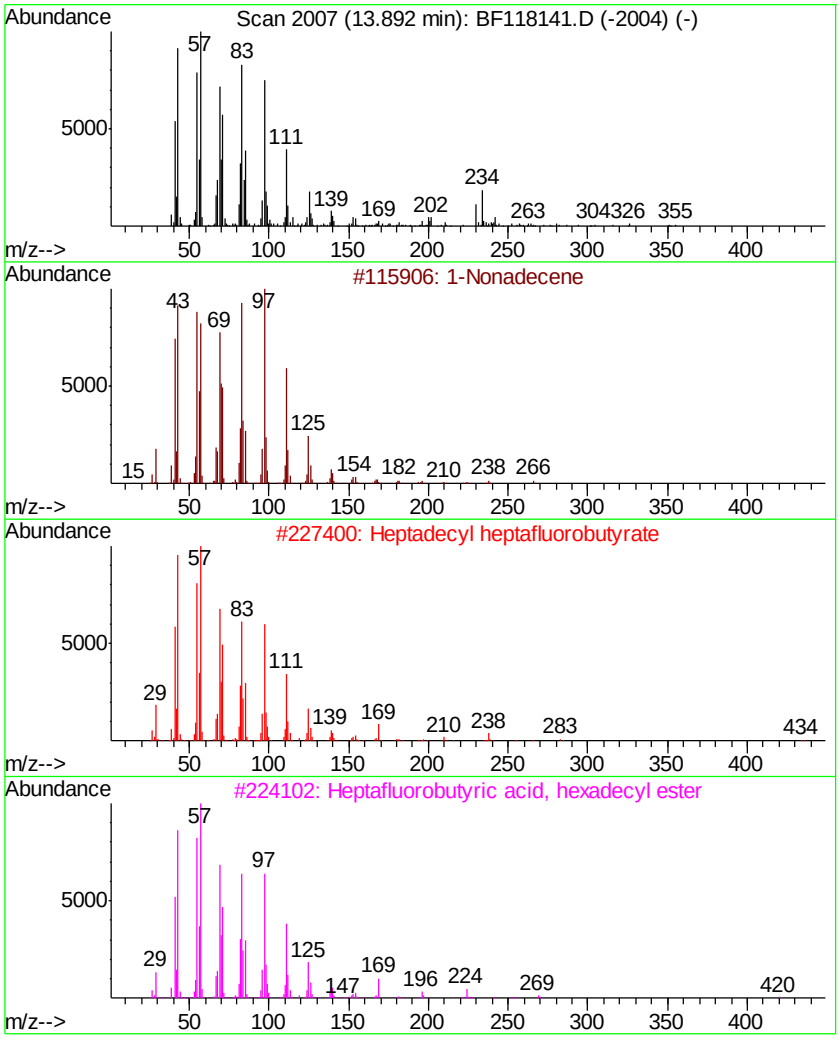
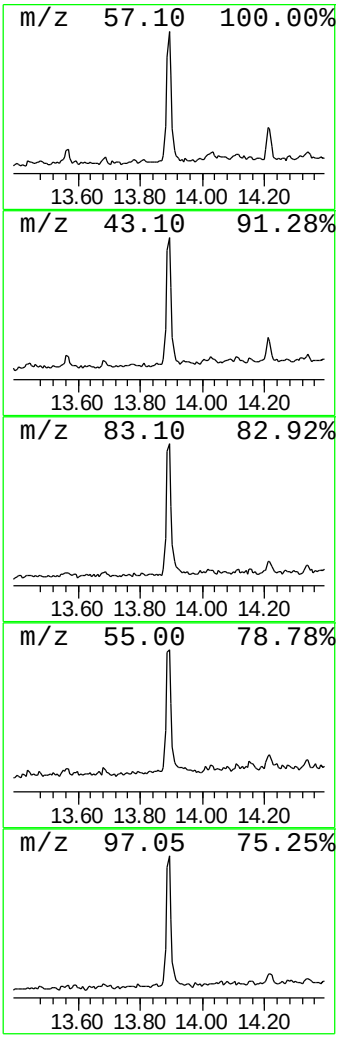
Peak Number 12 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.27 ng	622619	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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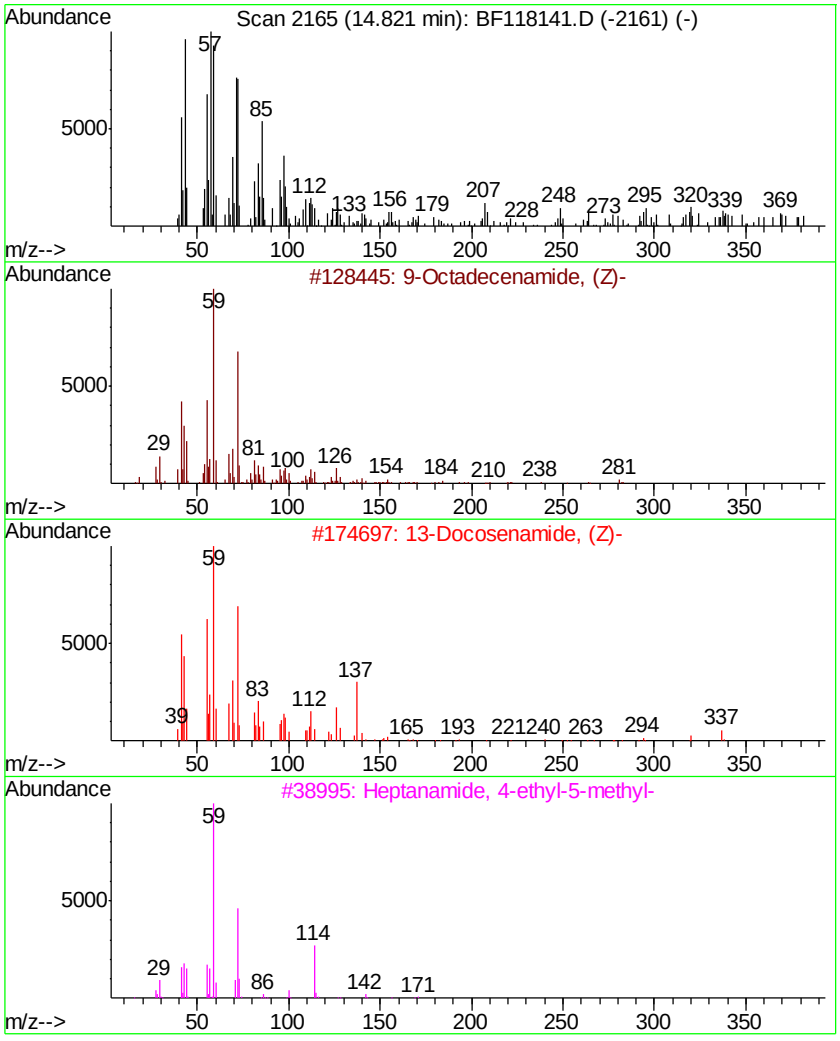
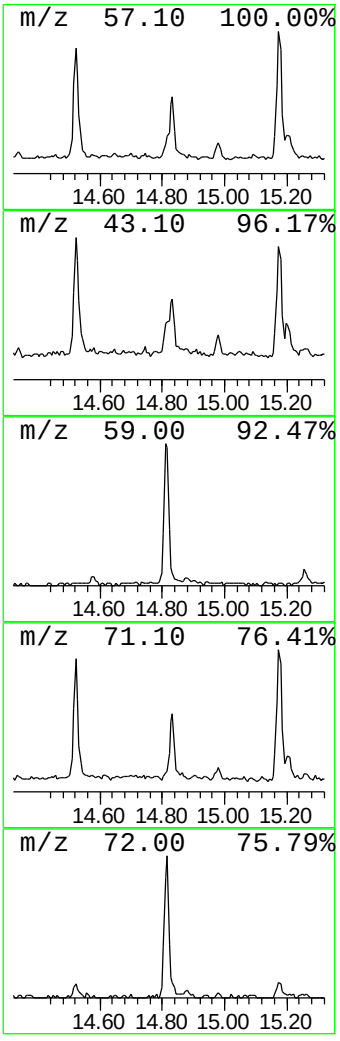
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.03 ng	133801	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	43
4	Dodecanamide	199	C12H25NO	001120-16-7	38
5	Urea, 1-butyl-3-(propylsulfonyl)...	238	C8H18N2O2S2	024539-91-1	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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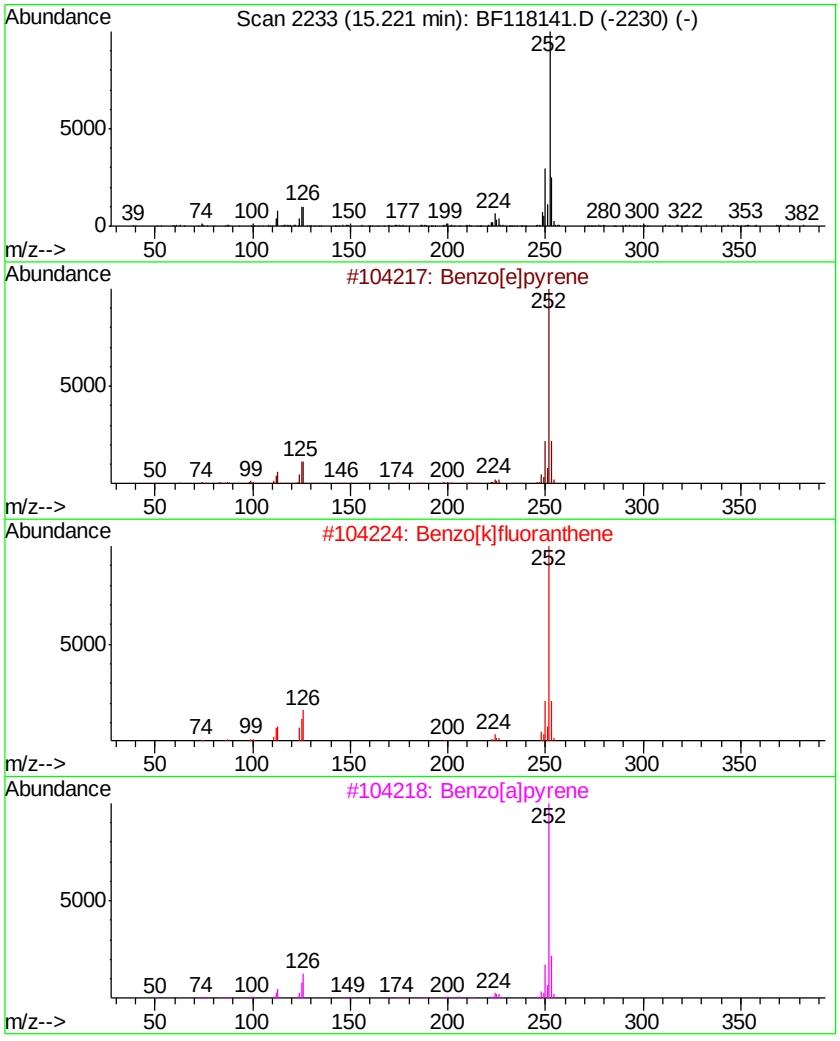
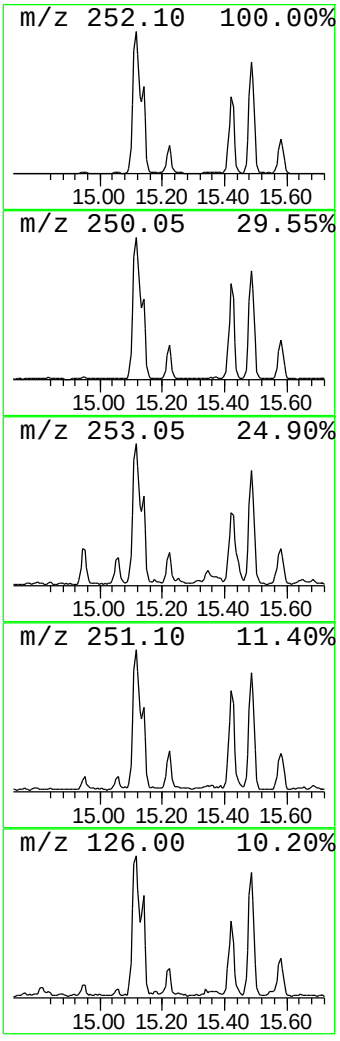
Peak Number 15 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.11 ng	225510	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
5	Perylene	252	C20H12	000198-55-0	81





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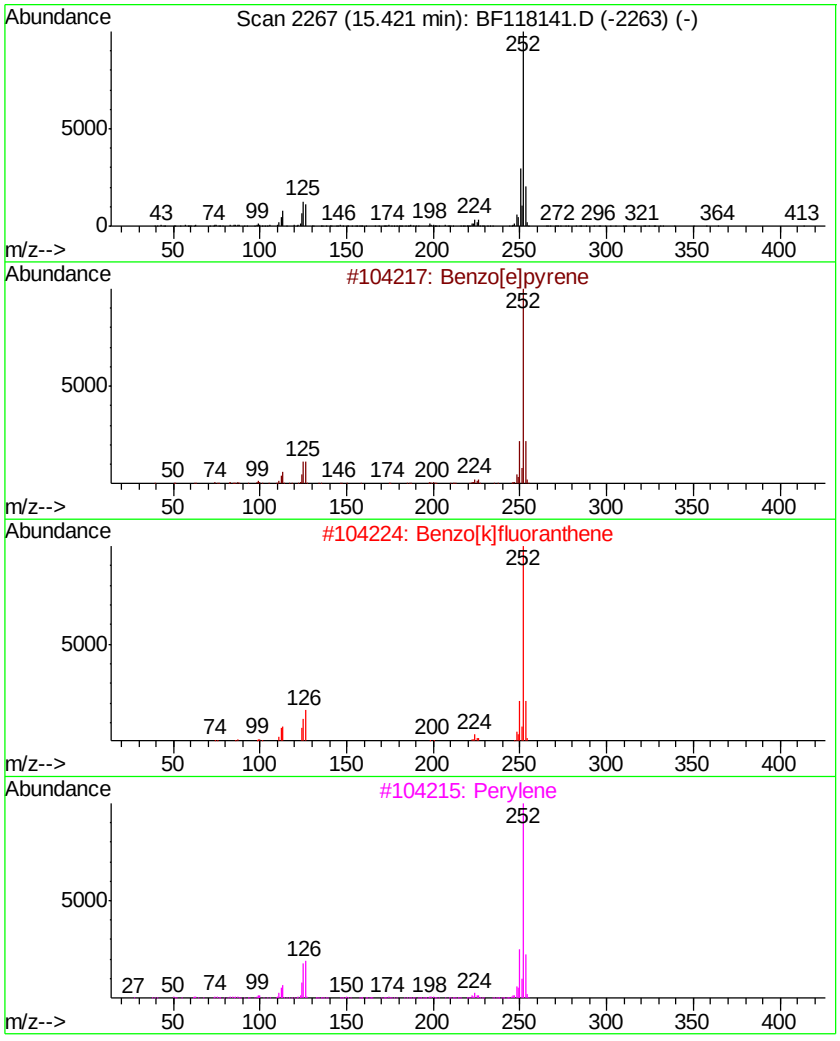
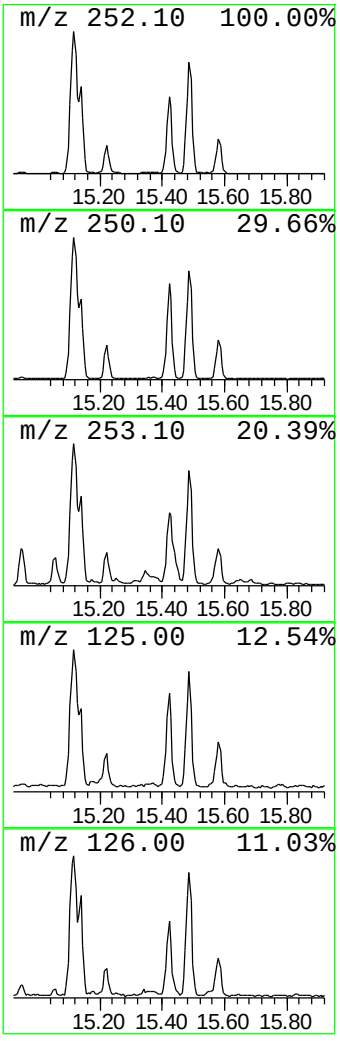
Peak Number 16 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	15.69 ng	692093	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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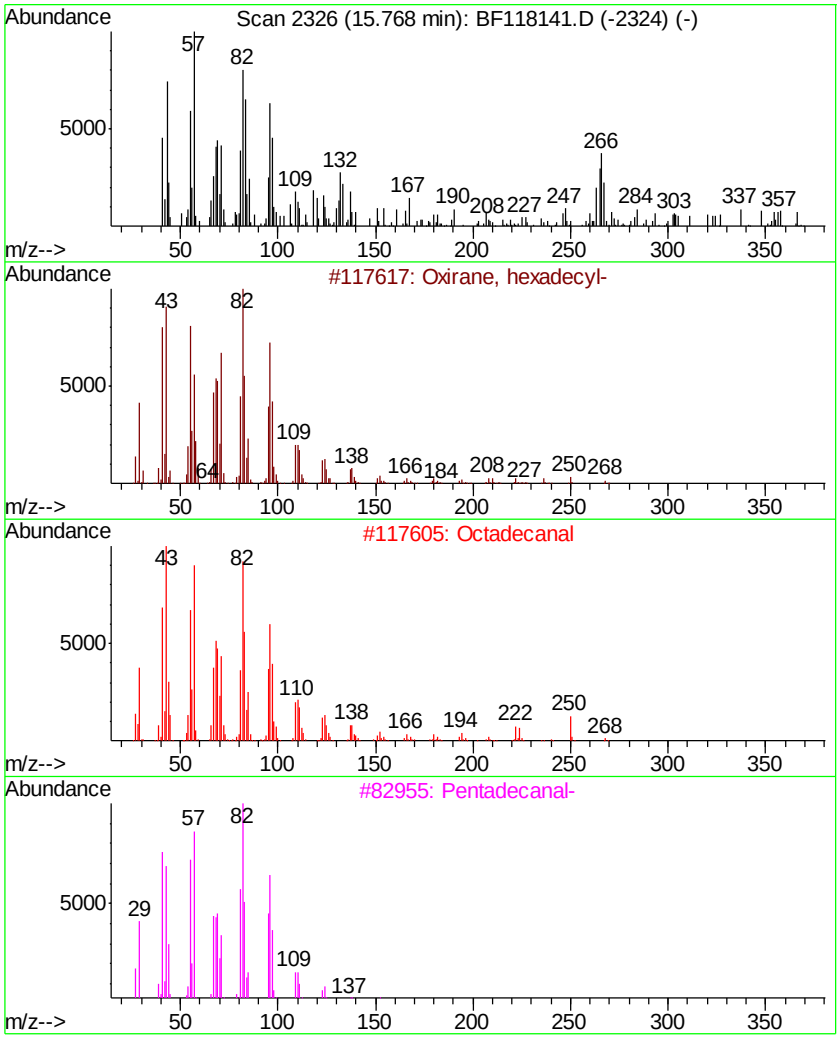
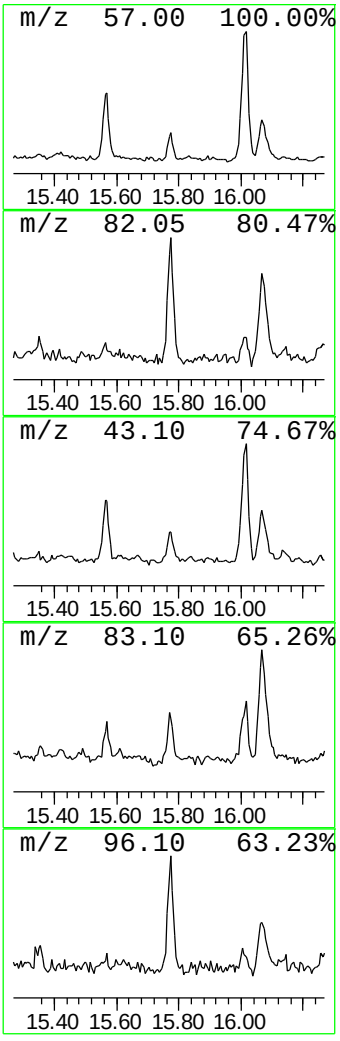
Peak Number 17 unknown15.77 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.48 ng	153697	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	42
2	Octadecanal	268	C18H36O	000638-66-4	38
3	Pentadecanal-	226	C15H30O	002765-11-9	30
4	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	30
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	27





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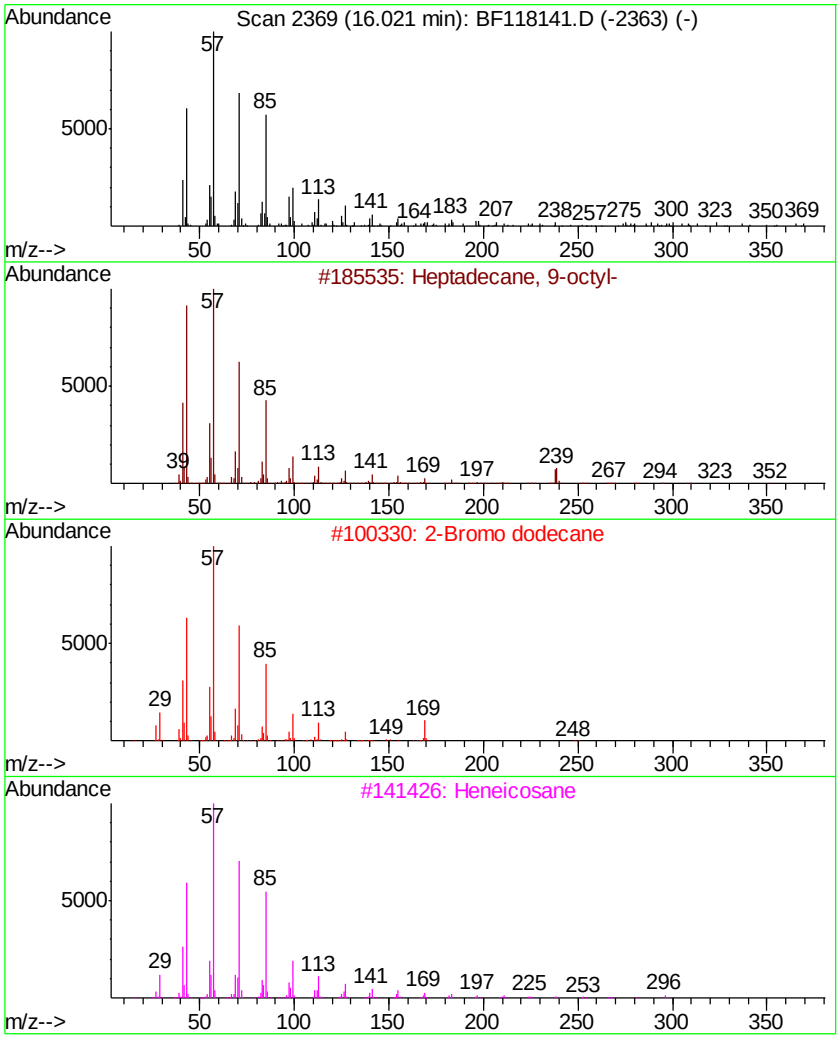
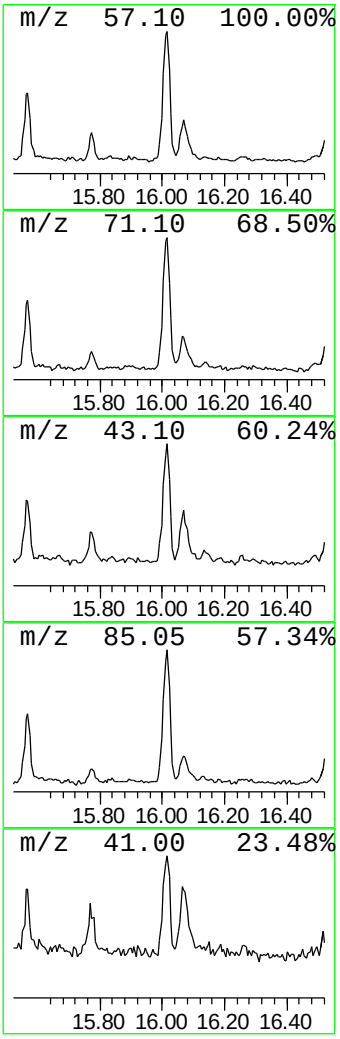
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	6.53 ng	288288	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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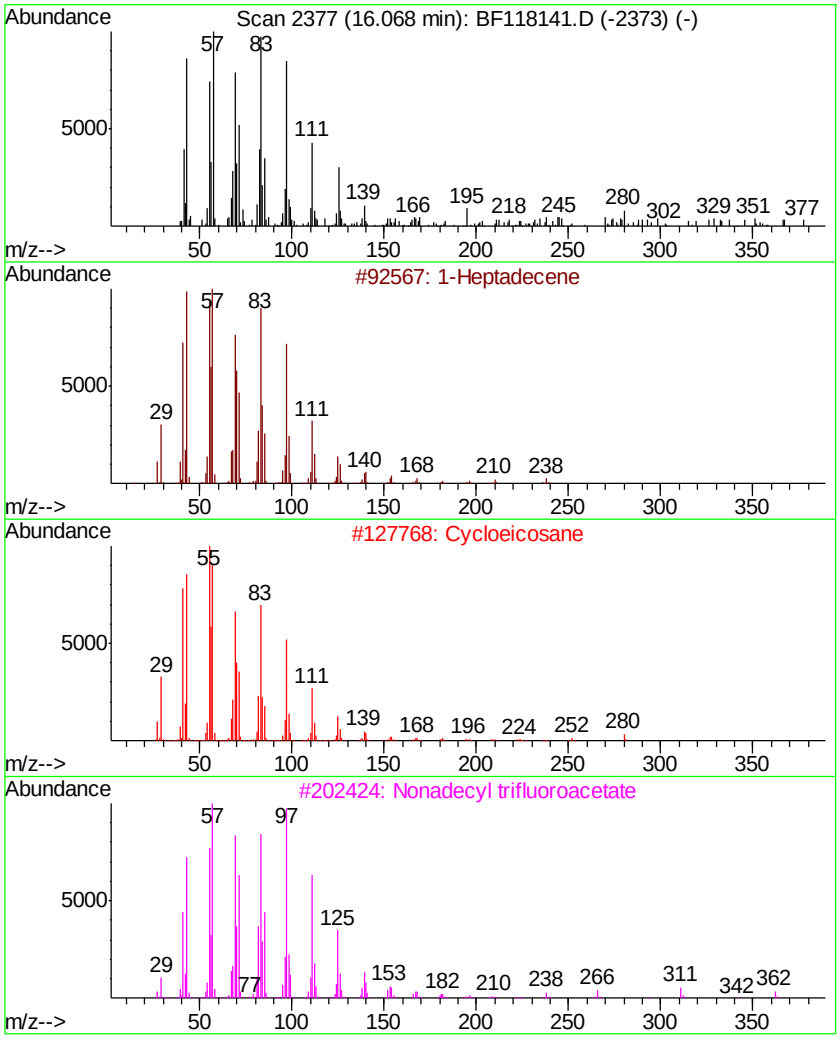
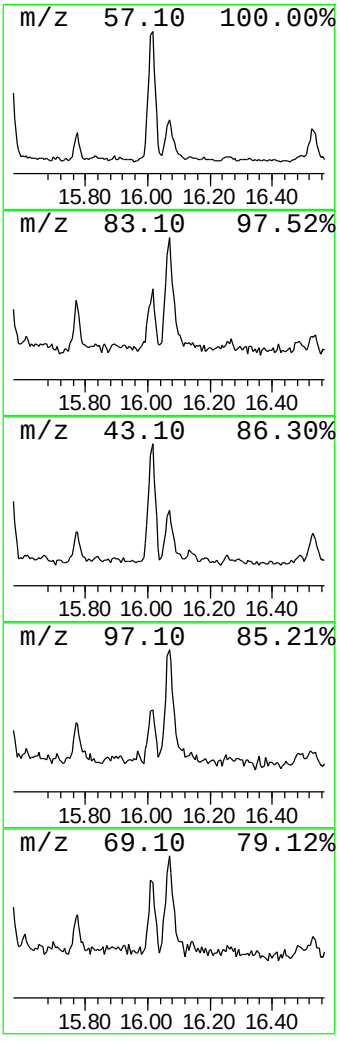
Peak Number 19 1-Heptadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.82 ng	212675	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	93
2	Cycloeicosane	280	C20H40	000296-56-0	89
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83
4	Octacosanol	410	C28H58O	000557-61-9	81
5	8-Heptadecene	238	C17H34	002579-04-6	74





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Acq On : 7 Dec 2019 20:49
Operator : JU
Sample : K6147-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

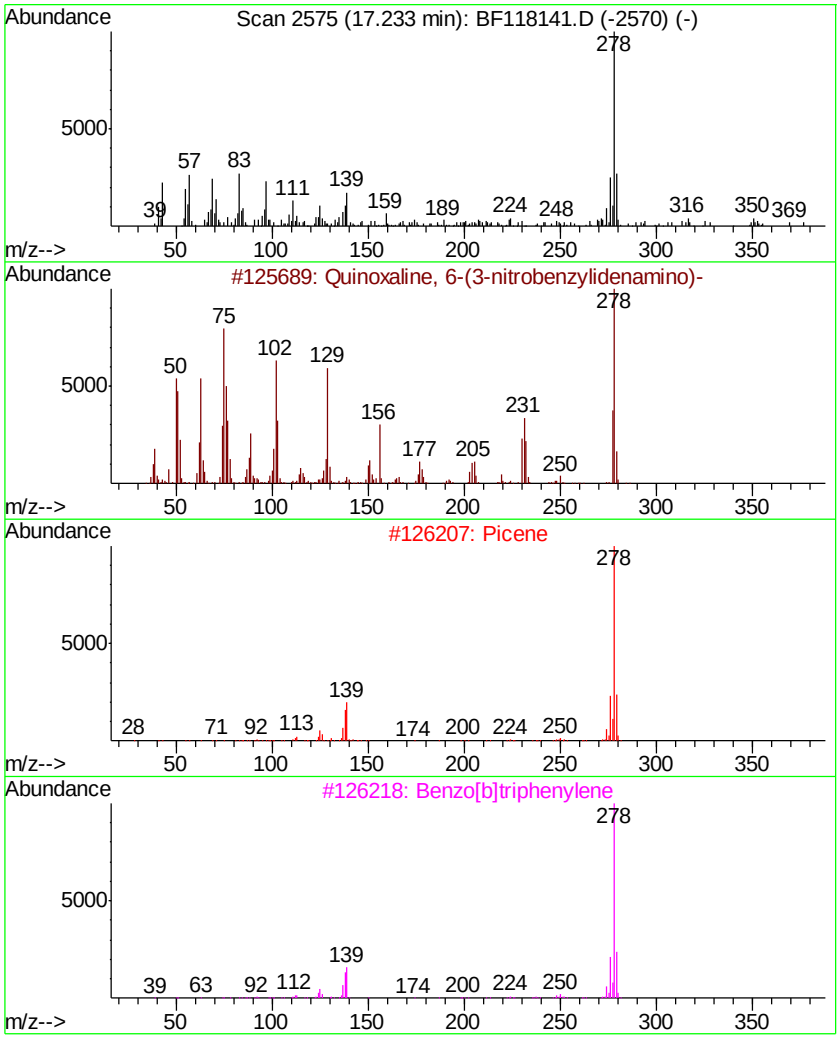
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

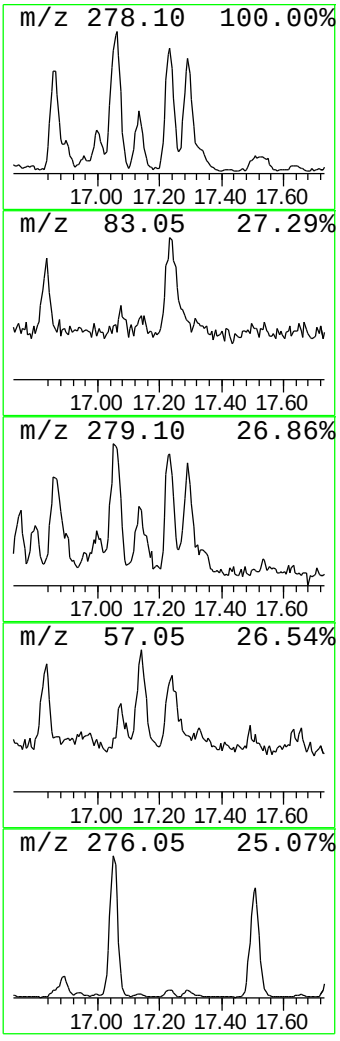
****

Peak Number 20 Quinoxaline, 6-(3-nitrobenz... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	6.08 ng	268398	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 6-(3-nitrobenzylide...	278	C15H10N4O2	302800-55-1	95
2	Picene	278	C22H14	000213-46-7	95
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
5	Benzo[b]chrysene	278	C22H14	000214-17-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118141.D
Acq On : 7 Dec 2019 20:49
Operator : JU
Sample : K6147-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.12	6.7	ng	259599	1	6.87	773277	20.0
2-Pentanone, 4-hy...	5.07	13.3	ng	513171	1	6.87	773277	20.0
unknown6.64	6.64	72.2	ng	2792210	1	6.87	773277	20.0
5H-Indeno[1,2-b]p...	11.64	2.6	ng	142538	4	11.41	1088940	20.0
Phenanthrene, 2-m...	11.91	3.0	ng	165898	4	11.41	1088940	20.0
n-Hexadecanoic acid	11.93	11.6	ng	633157	4	11.41	1088940	20.0
4H-Cyclopenta[def...	12.02	5.6	ng	305060	4	11.41	1088940	20.0
Cyclopenta(def)ph...	12.55	2.2	ng	119325	4	11.41	1088940	20.0
Octadecanoic acid	12.72	3.0	ng	161672	4	11.41	1088940	20.0
Benzo[b]naphtho[2...	13.80	2.1	ng	247136	5	14.06	2360840	20.0
1-Nonadecene	13.89	5.3	ng	622619	5	14.06	2360840	20.0
9-Octadecenamide,...	14.82	3.0	ng	133801	6	15.55	882411	20.0
Benzo[e]pyrene	15.22	5.1	ng	225510	6	15.55	882411	20.0
Perylene	15.42	15.7	ng	692093	6	15.55	882411	20.0
unknown15.77	15.77	3.5	ng	153697	6	15.55	882411	20.0
Heptadecane, 9-oc...	16.02	6.5	ng	288288	6	15.55	882411	20.0
1-Heptadecene	16.07	4.8	ng	212675	6	15.55	882411	20.0
Quinoxaline, 6-(3...	17.23	6.1	ng	268398	6	15.55	882411	20.0