LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

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-BF061918.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	4.048	287	291	298	rVB	17163	22588	2.11%	0.166%
2	5.166	477	481	497	rBV	127720	166035	15.53%	1.218%
3	5.572	547	550	571	rBV	1037310	1069355	100.00%	7.847%
4	6.578	717	721	739	rBV	1011683	1053970	98.56%	7.734%
5	6.707	739	743	748	rVV	1172503	1042768	97.51%	7.652%
6	6.766	748	753	757	rVB3	7181	12425	1.16%	0.091%
7	6.925	777	780	787	rBV	341888	317076	29.65%	2.327%
8	7.084	803	807	815	rBV	923879	794774	74.32%	5.832%
9	7.495	873	877	891	rBV	667462	667453	62.42%	4.898%
10	8.213	995	999	1010	rBV	390789	397502	37.17%	2.917%
11	8.613	1064	1067	1069	rBV	15362	13433	1.26%	0.099%
12	8.783	1091	1096	1100	rVB	16091	15787	1.48%	0.116%
13	8.930	1118	1121	1126	rBV	12798	15452	1.44%	0.113%
14	9.213	1166	1169	1172	rVB	21392	15763	1.47%	0.116%
15	9.283	1177	1181	1190	rBV	928101	948887	88.73%	6.963%
16	9.348	1190	1192	1196	rVV2	20090	24572	2.30%	0.180%
17	9.389	1196	1199	1204	rVB5	13097	14889	1.39%	0.109%
18	9.683	1243	1249	1255	rBV	150742	179948	16.83%	1.320%
19	9.842	1268	1276	1279	rBV	33297	43964	4.11%	0.323%
20	9.977	1295	1299	1303	rBV	361857	346134	32.37%	2.540%
21	10.007	1303	1304	1310	rVB4	15907	16146	1.51%	0.118%
22	10.283	1347	1351	1355	rBV4	13453	19240	1.80%	0.141%
23	10.377	1363	1367	1370	rVB2	17874	18119	1.69%	0.133%
24	10.436	1374	1377	1381	rVB2	13263	14146	1.32%	0.104%
25	10.542	1390	1395	1399	rVB3	9249	14097	1.32%	0.103%
26	10.601	1400	1405	1408	rBV	37793	40131	3.75%	0.294%
27	10.772	1431	1434	1440	rBV	507918	548758	51.32%	4.027%
28	10.866	1446	1450	1453	rBV	53946	51341	4.80%	0.377%
29	11.077	1482	1486	1488	rBV3	13811	16944	1.58%	0.124%
30	11.236	1509	1513	1515	rBV	13023	14390	1.35%	0.106%
31	11.330	1526	1529	1532	rBV	34042	31996	2.99%	0.235%
32	11.471	1550	1553	1556	rBV	395557	346175	32.37%	2.540%
33	11.495	1556	1557	1560	rVB	48838	34147	3.19%	0.251%
34	11.554	1564	1567	1569	rBV	23427	22736	2.13%	0.167%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.977	1636	1639	1641	rBV	24058	26678	2.49%	0.196%
36	12.007	1641	1644	1649	rVV2	35730	38845	3.63%	0.285%
37	12.054	1649	1652	1654	rVV	31373	27865	2.61%	0.204%
38	12.089	1654	1658	1660	rVV2	50206	61915	5.79%	0.454%
39	12.113	1660	1662	1664	rVB	28675	23150	2.16%	0.170%
40	12.266	1685	1688	1694	rBV3	25090	26083	2.44%	0.191%
41	12.313	1694	1696	1699	rBV4	19302	20193	1.89%	0.148%
42	12.401	1709	1711	1713	rBV	22896	23368	2.19%	0.171%
43	12.477	1721	1724	1728	rVB4	28170	29168	2.73%	0.214%
44	12.524	1729	1732	1735	rVV	69822	71120	6.65%	0.522%
45	12.566	1737	1739	1744	rVB4	35839	51237	4.79%	0.376%
46	12.695	1757	1761	1763	rBV	96030	103548	9.68%	0.760%
47	12.718	1763	1765	1769	rVB	123343	110188	10.30%	0.809%
48	12.789	1775	1777	1780	rVB	21666	17247	1.61%	0.127%
49	12.866	1788	1790	1794	rVB	47337	39676	3.71%	0.291%
50	12.901	1794	1796	1798	rBV2	17029	16398	1.53%	0.120%
51	12.930	1798	1801	1805	rVB	144910	143151	13.39%	1.050%
52	12.977	1806	1809	1812	rVB	27622	30457	2.85%	0.223%
53	13.024	1813	1817	1819	rBV5	22156	32936	3.08%	0.242%
54	13.054	1819	1822	1826	rBV	947731	910328	85.13%	6.680%
55	13.148	1834	1838	1843	rVB3	31863	51526	4.82%	0.378%
56	13.195	1844	1846	1848	rBV2	19318	13487	1.26%	0.099%
57	13.254	1850	1856	1861	rVB3	77283	125251	11.71%	0.919%
58	13.295	1861	1863	1865	rBV3	22861	23271	2.18%	0.171%
59	13.318	1865	1867	1871	rVB	40006	31569	2.95%	0.232%
60	13.360	1872	1874	1876	rVB	42037	28231	2.64%	0.207%
61	13.454	1887	1890	1893	rBV	72689	62579	5.85%	0.459%
62	13.483	1893	1895	1898	rVB	37879	32749	3.06%	0.240%
63	13.601	1913	1915	1918	rBV3	29963	29044	2.72%	0.213%
64	13.654	1922	1924	1926	rBV3	21584	20473	1.91%	0.150%
65	13.860	1957	1959	1961	rBV	22813	20236	1.89%	0.148%
66	13.936	1969	1972	1978	rBV3	146523	190660	17.83%	1.399%
67	14.130	2000	2005	2008	rBV2	516436	625451	58.49%	4.589%
68	14.160	2008	2010	2016	rVB	145445	131026	12.25%	0.961%
69	14.248	2022	2025	2030	rBV4	44725	72832	6.81%	0.534%
70	14.289	2030	2032	2036	rVB3	48848	55709	5.21%	0.409%
71	14.518	2069	2071	2075	rVB	61997	56598	5.29%	0.415%

LSC Area Percent Report

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Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.554	2075	2077	2080	rBV	67054	57423	5.37%	0.421%
73	14.654	2091	2094	2101	rVB4	75587	122306	11.44%	0.897%
74	15.218	2185	2190	2196	rBV2	102939	195993	18.33%	1.438%
75	15.536	2241	2244	2252	rVB	81651	93705	8.76%	0.688%
76	15.607	2252	2256	2262	rBV	107764	167540	15.67%	1.229%
77	15.671	2262	2267	2271	rBV	292126	377585	35.31%	2.771%
78	16.577	2415	2421	2429	rBV4	101390	200940	18.79%	1.474%
79	16.859	2465	2469	2477	rVB6	34137	60210	5.63%	0.442%
80	17.224	2524	2531	2535	rBV7	38057	103129	9.64%	0.757%
81	17.424	2558	2565	2573	rVB4	90458	191485	17.91%	1.405%
82	17.683	2603	2609	2612	rBV6	48108	106695	9.98%	0.783%
83	18.018	2660	2666	2676	rVB8	50180	137906	12.90%	1.012%
84	18.406	2722	2732	2733	rBV8	31764	87680	8.20%	0.643%

Sum of corrected areas: 13627981

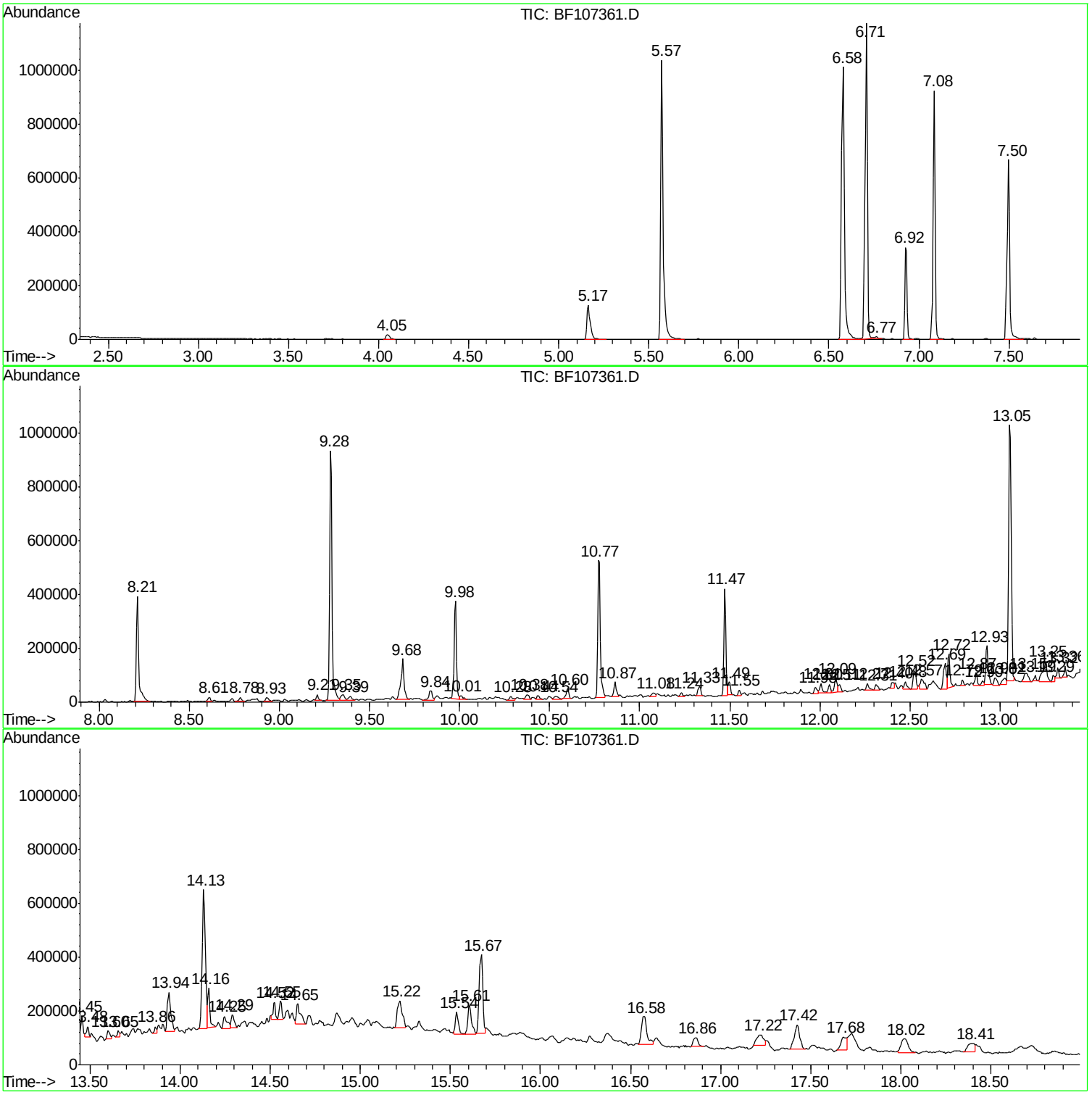
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

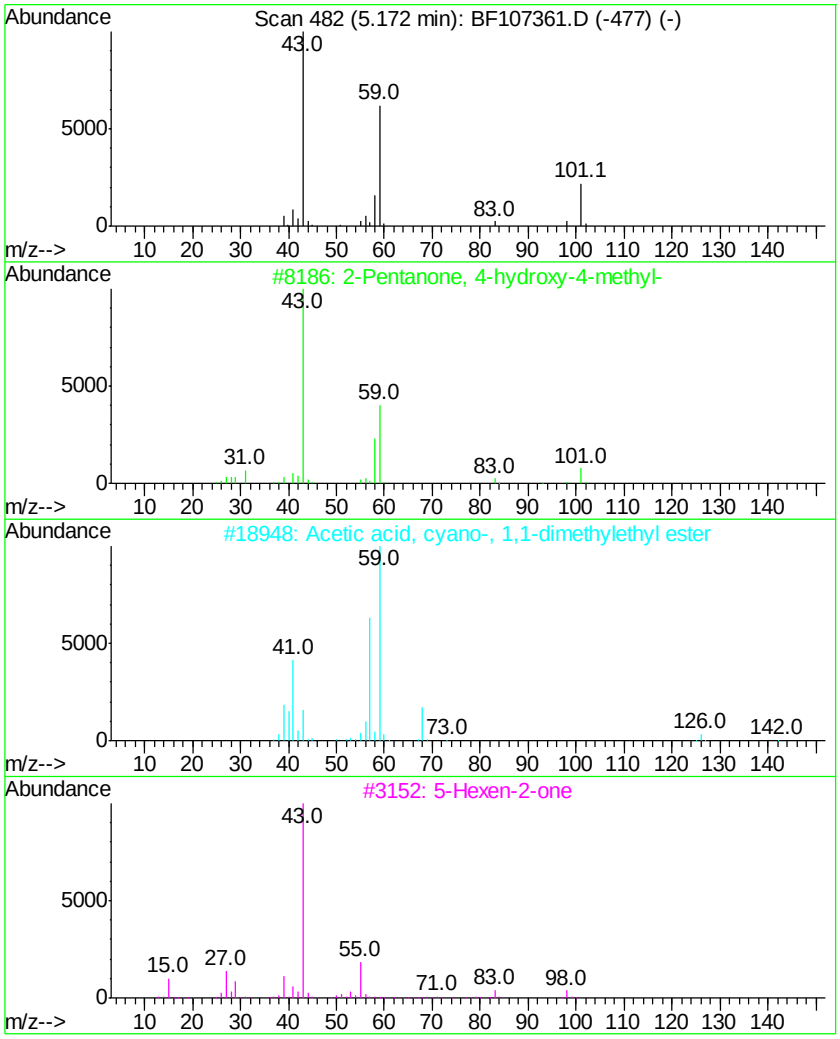
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

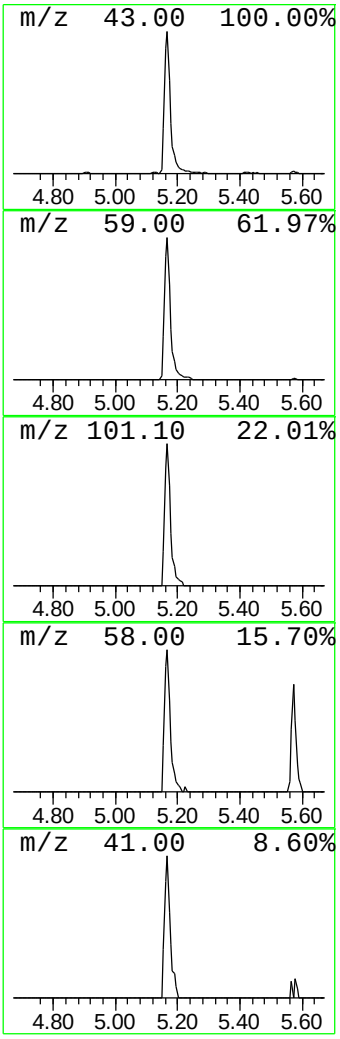
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	10.47 ng	166035	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

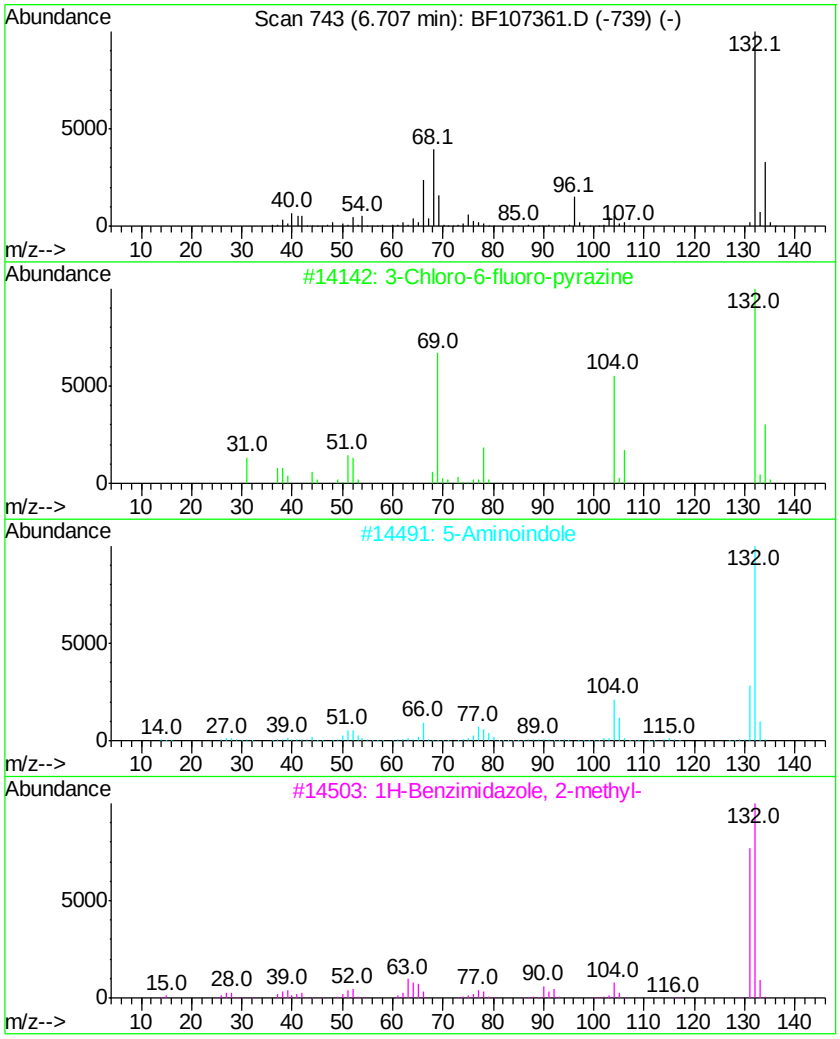
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

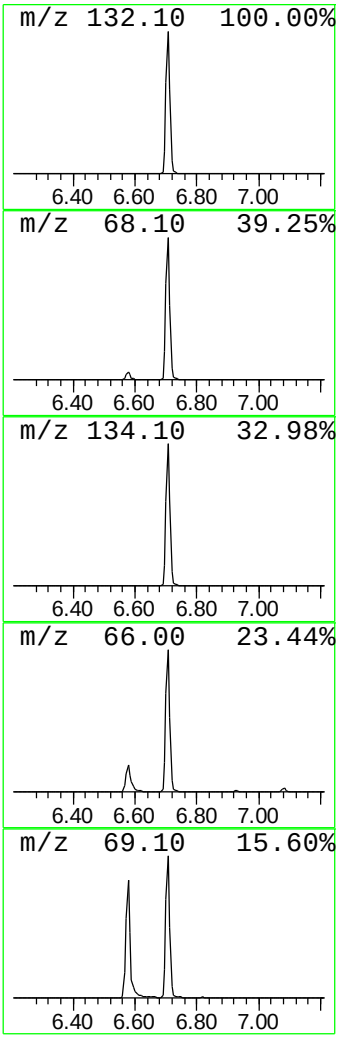
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	65.77 ng	1042770	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

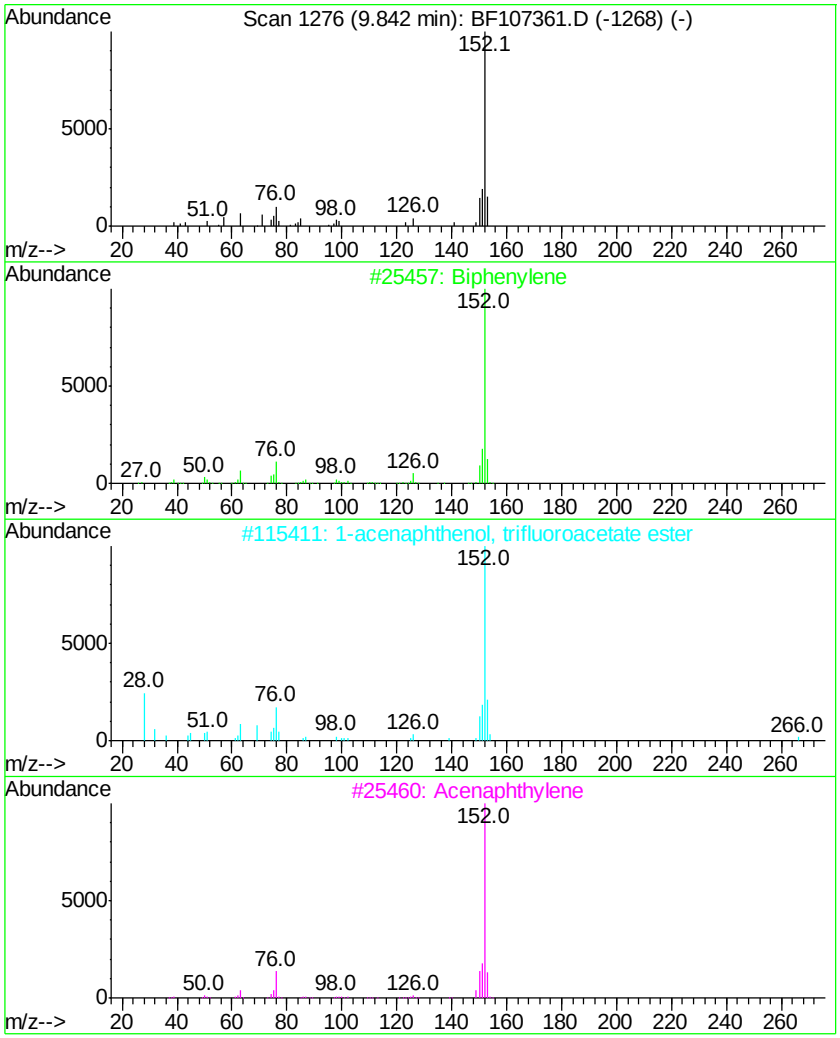
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

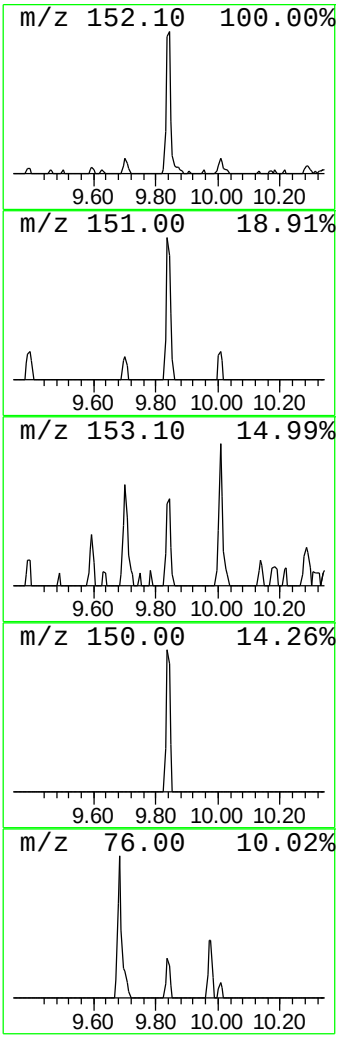
****

Peak Number 4 Biphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.54 ng	43964	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	86
2	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	78
3	Acenaphthylene	152	C12H8	000208-96-8	64
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	50
5	Benzenamine, N-methyl-4-nitro-	152	C7H8N2O2	000100-15-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

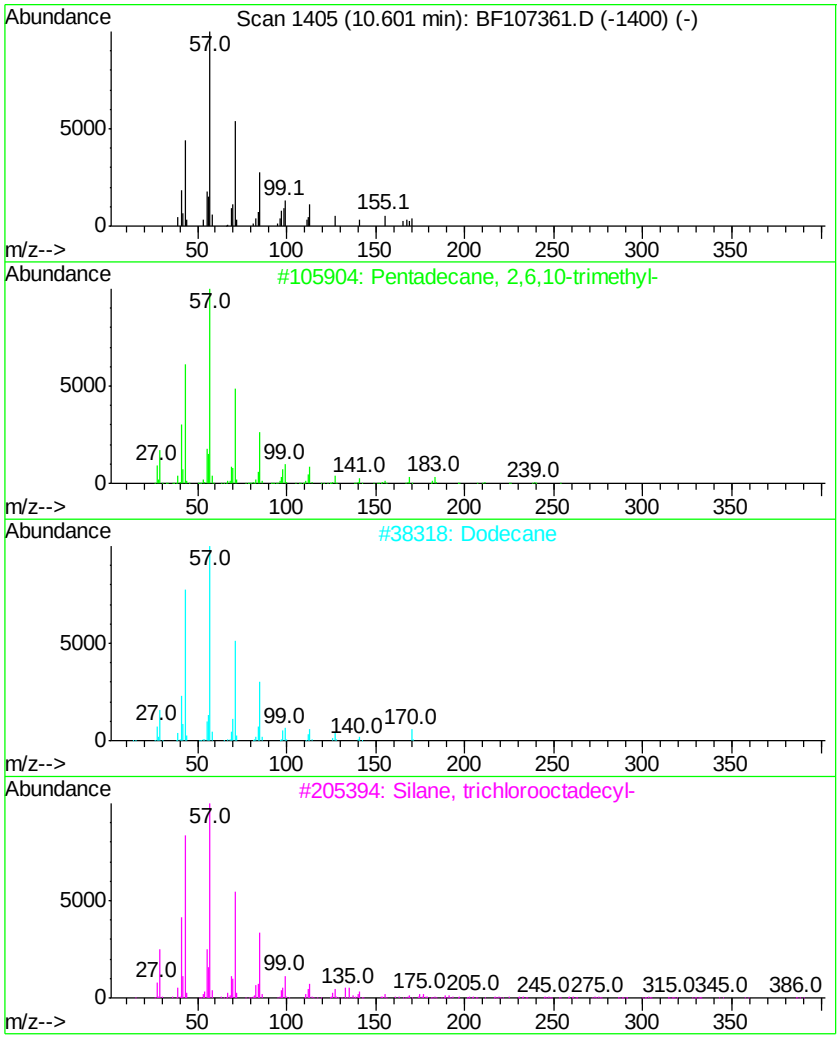
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

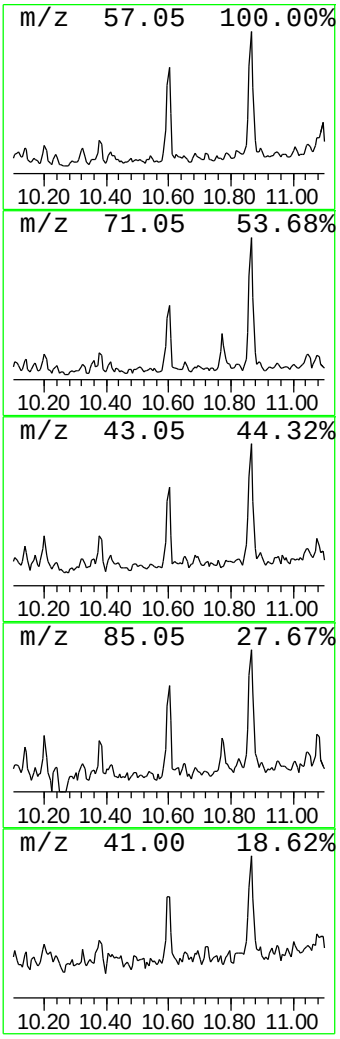
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.32 ng	40131	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane	170	C12H26	000112-40-3	78
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
4	Triacontane	422	C30H62	000638-68-6	72
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

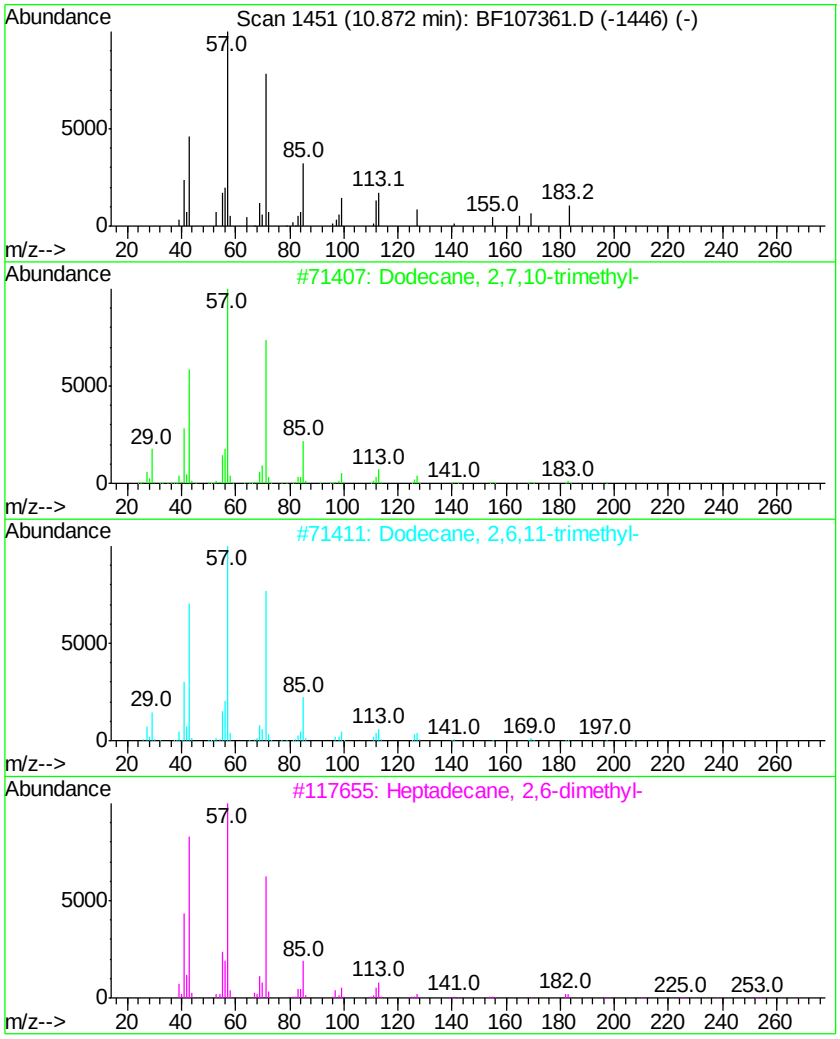
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

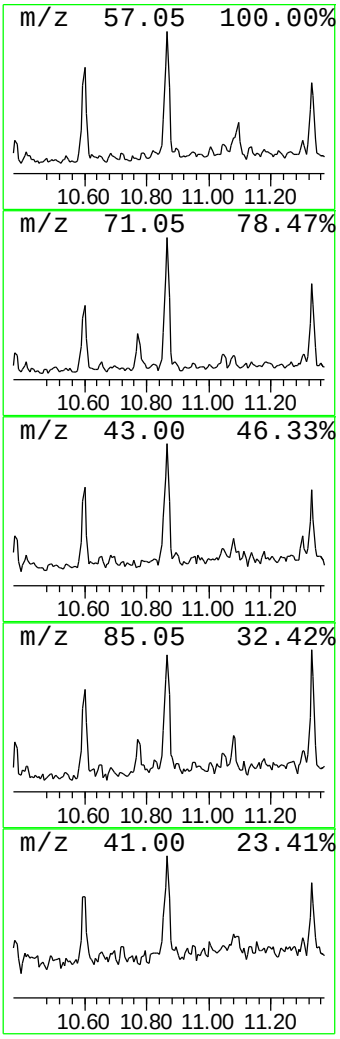
****

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.97 ng	51341	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

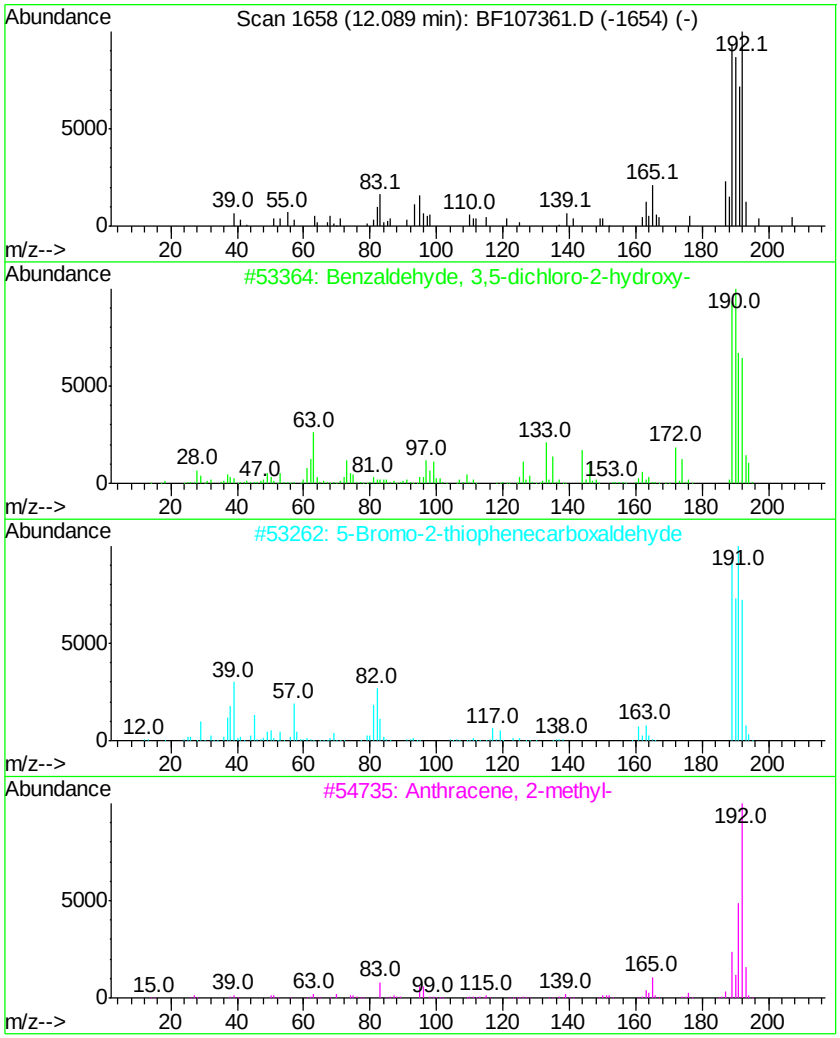
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

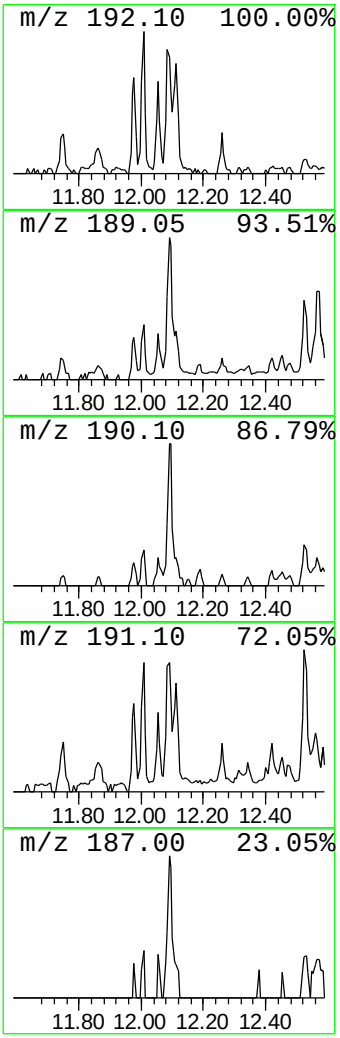
****

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.58 ng	61915	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	45
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43





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Sample : J3947-03
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ClientSampleId : PAR-2

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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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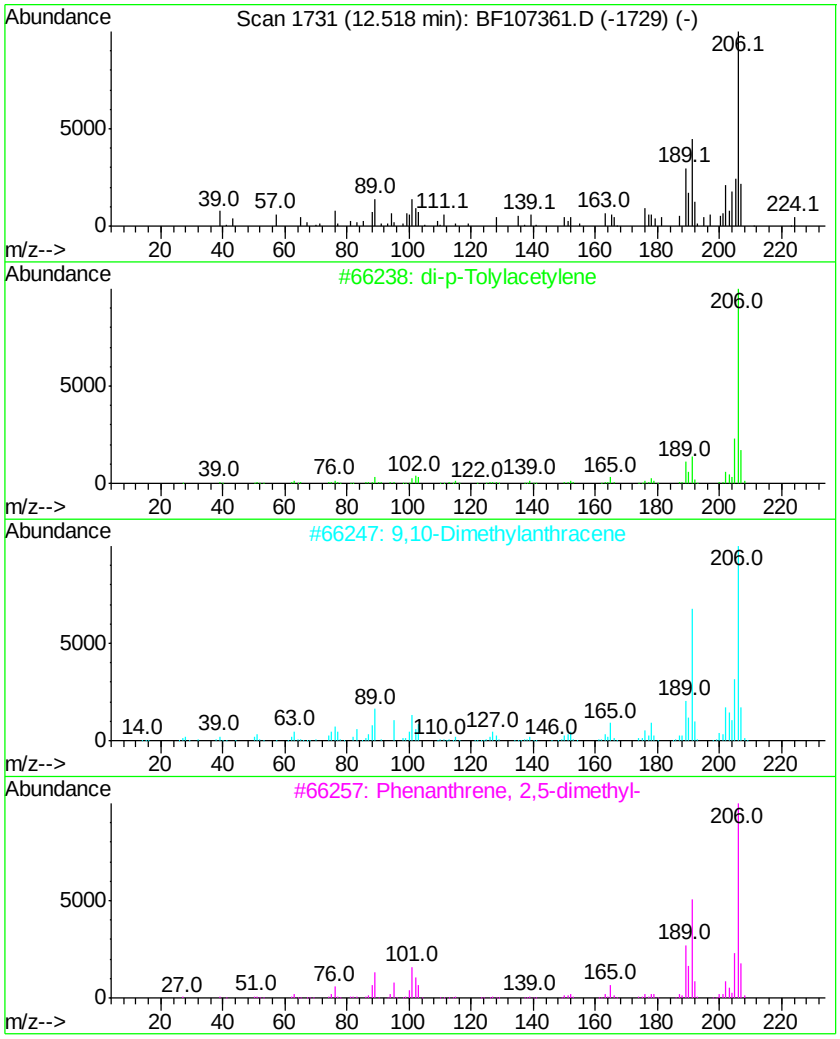
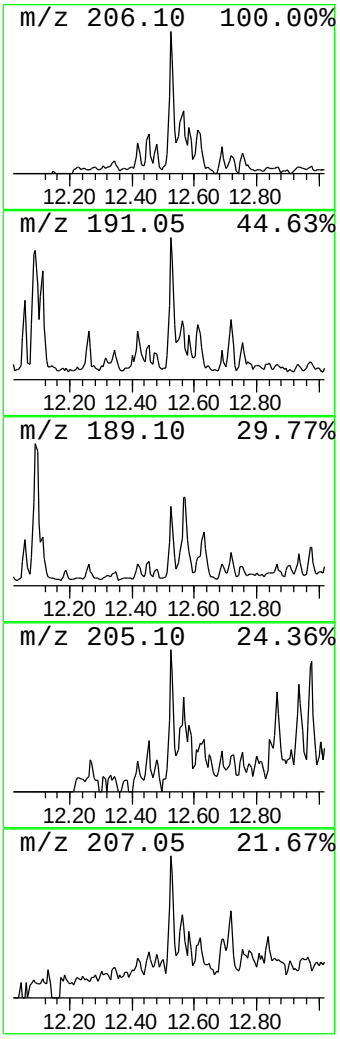
Peak Number 8 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.11 ng	71120	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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ClientSampleId : PAR-2

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

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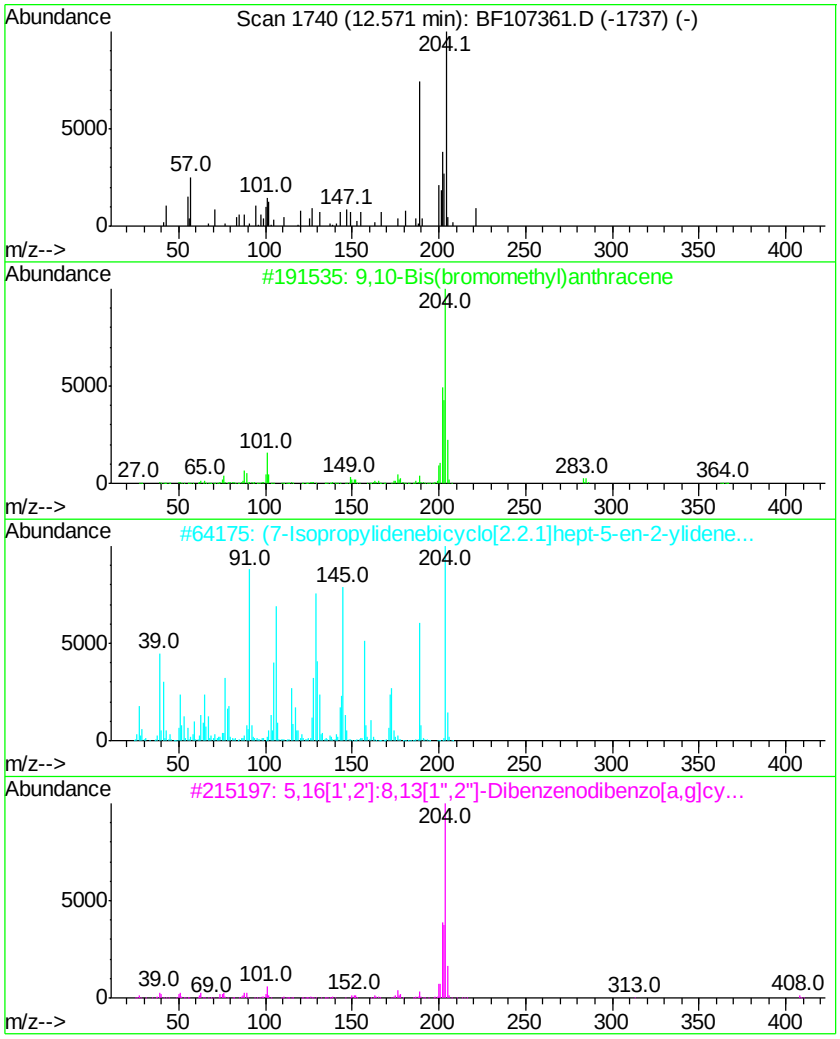
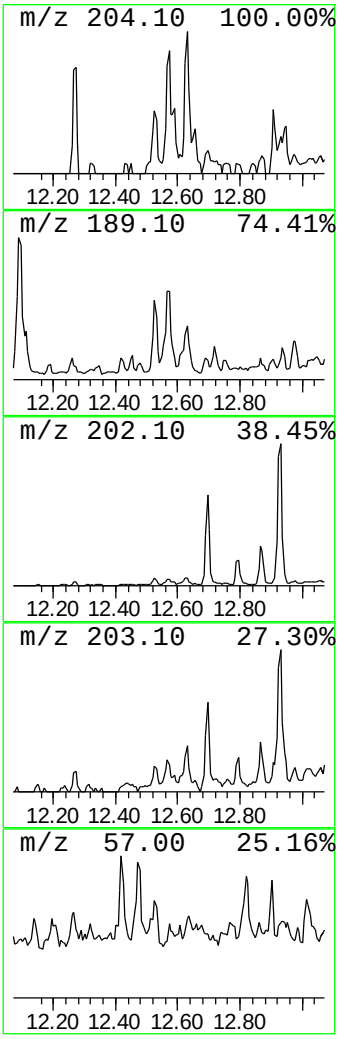
Peak Number 9 unknown12.57 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.96 ng	51237	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2	(7-Isopropylidenebicyclo[2.2.1]h...	204	C13H16O2	1000211-02-2	38
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	37
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	30
5	Tetramisole	204	C11H12N2S	005036-02-2	27





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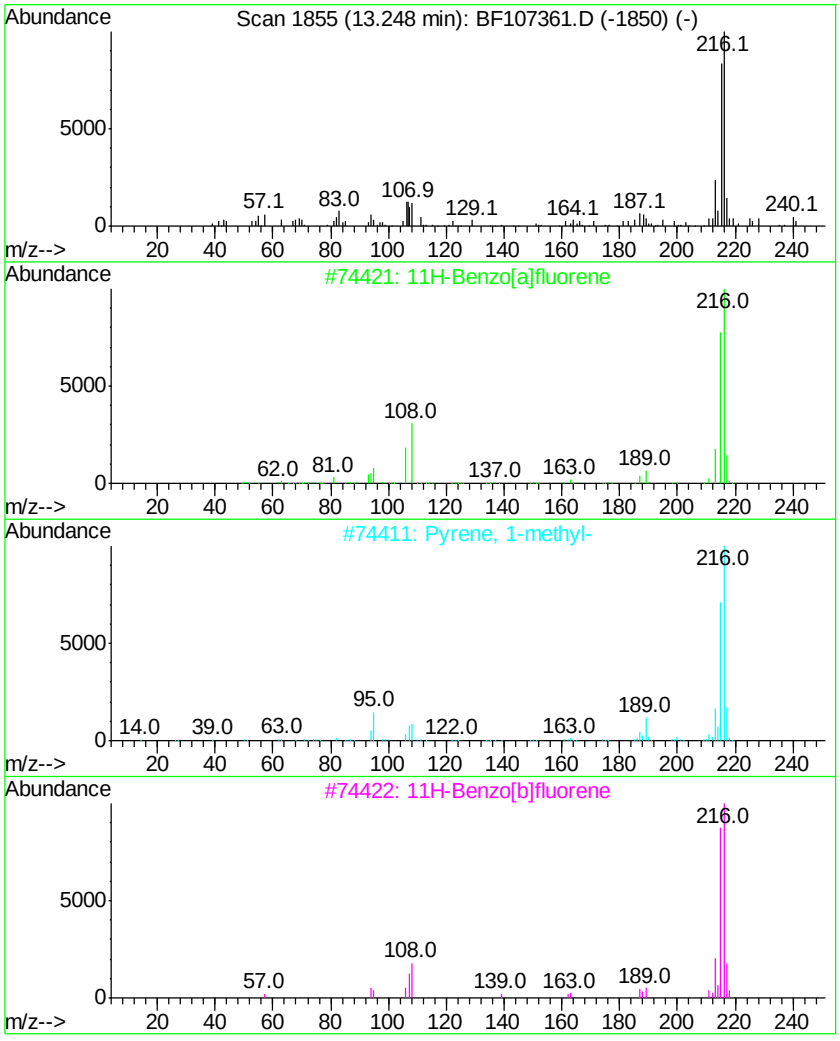
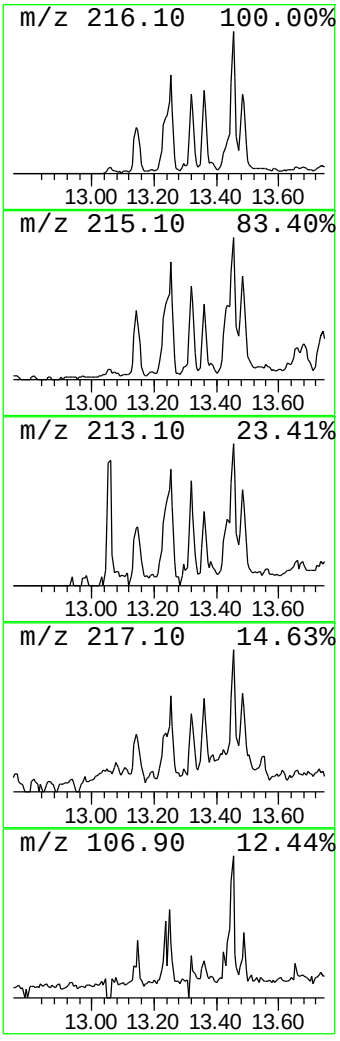
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.01 ng	125251	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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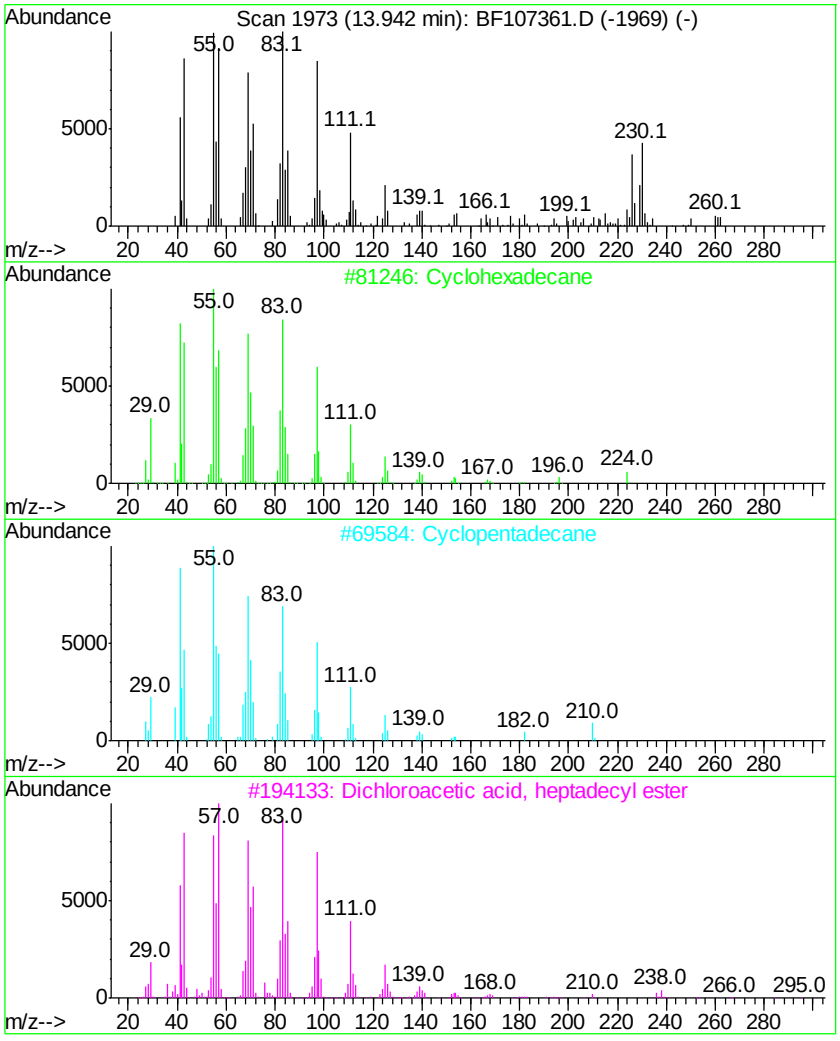
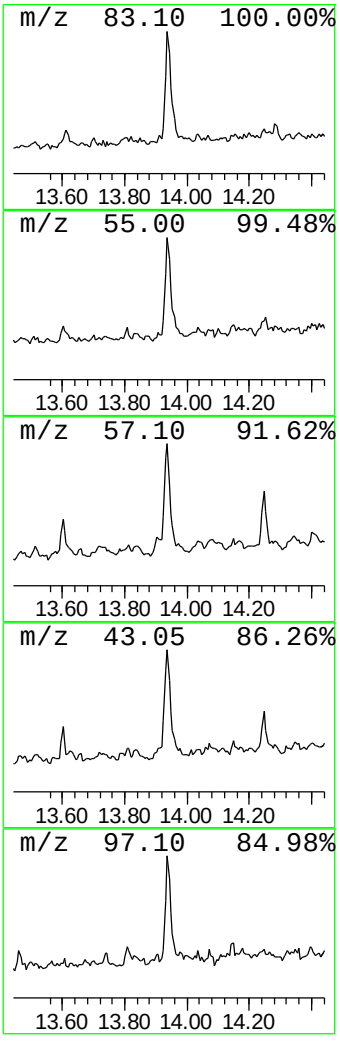
Peak Number 11 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.10 ng	190660	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	1-Octadecene	252	C18H36	000112-88-9	89
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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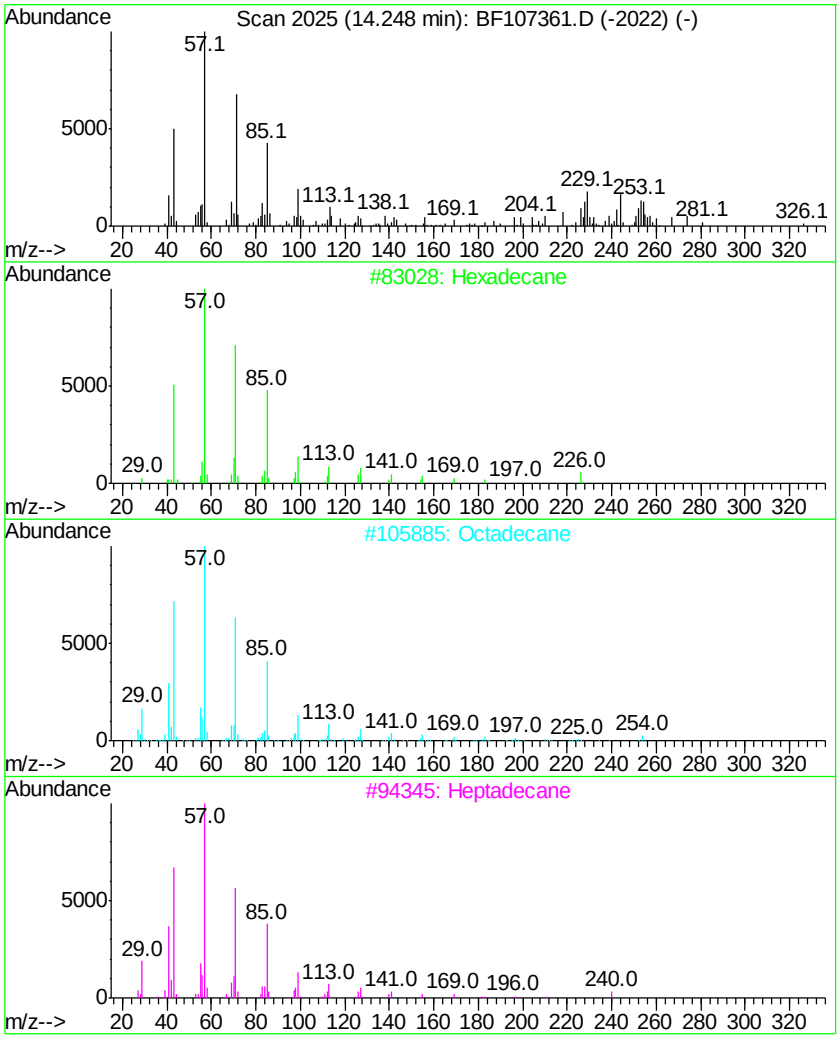
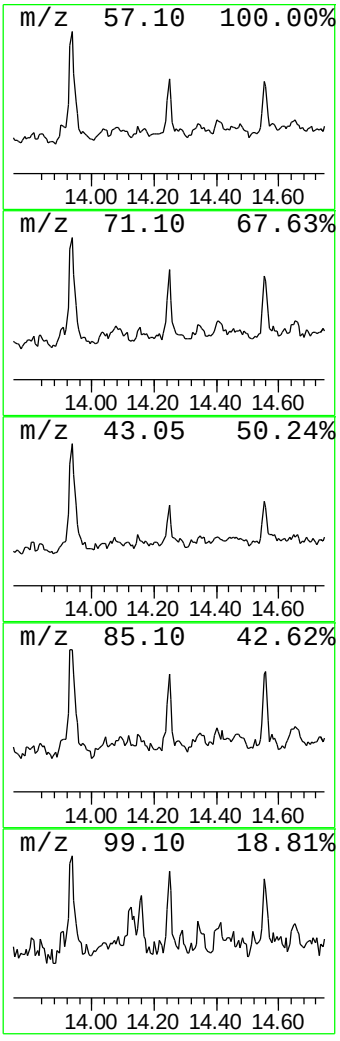
Peak Number 12 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.33 ng	72832	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	70
2	Octadecane	254	C18H38	000593-45-3	58
3	Heptadecane	240	C17H36	000629-78-7	49
4	Heneicosane	296	C21H44	000629-94-7	46
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43





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

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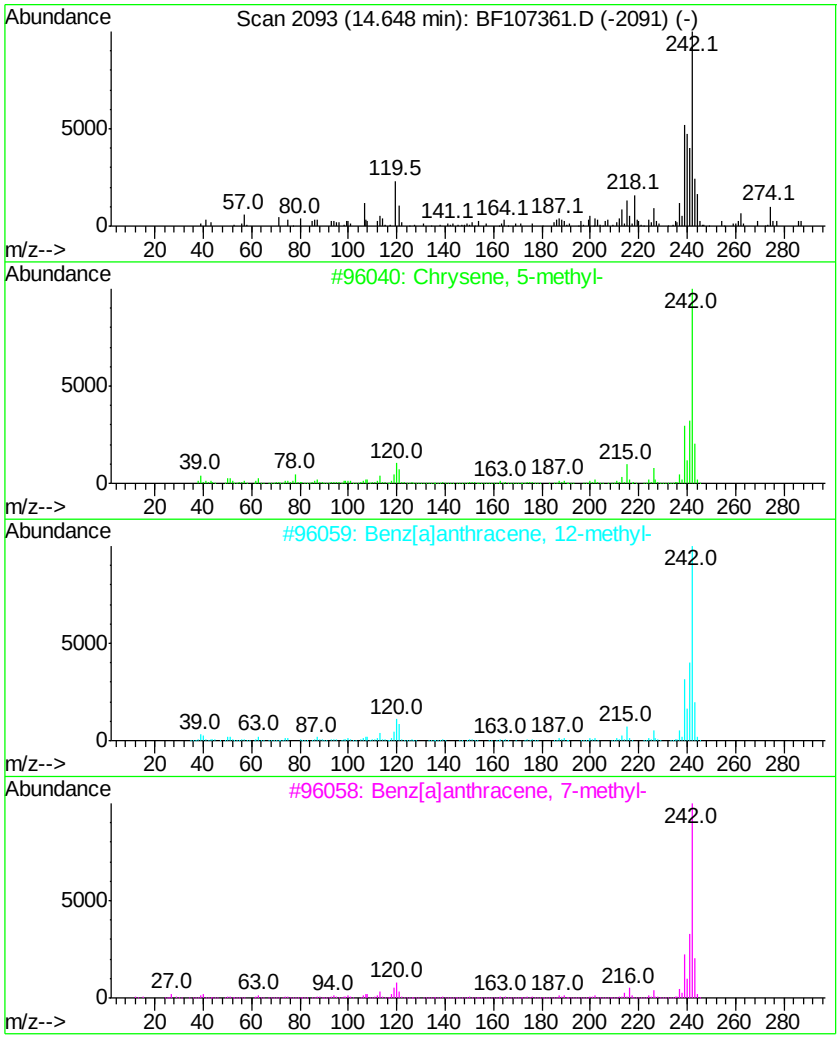
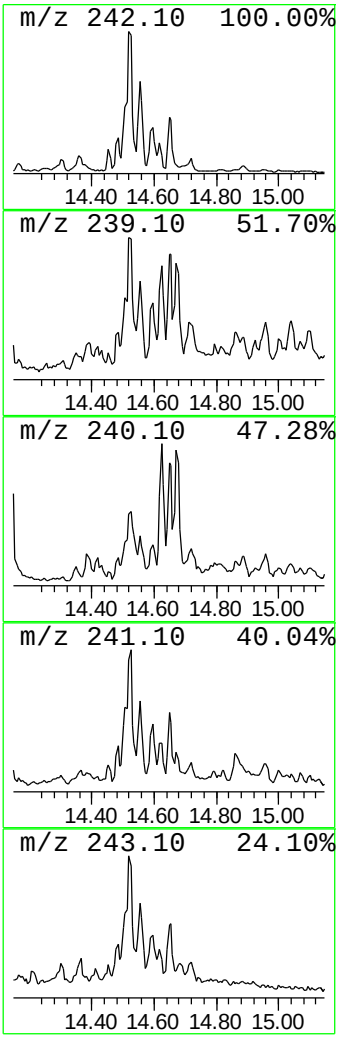
Peak Number 13 Chrysene, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.91 ng	122306	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	81
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	43
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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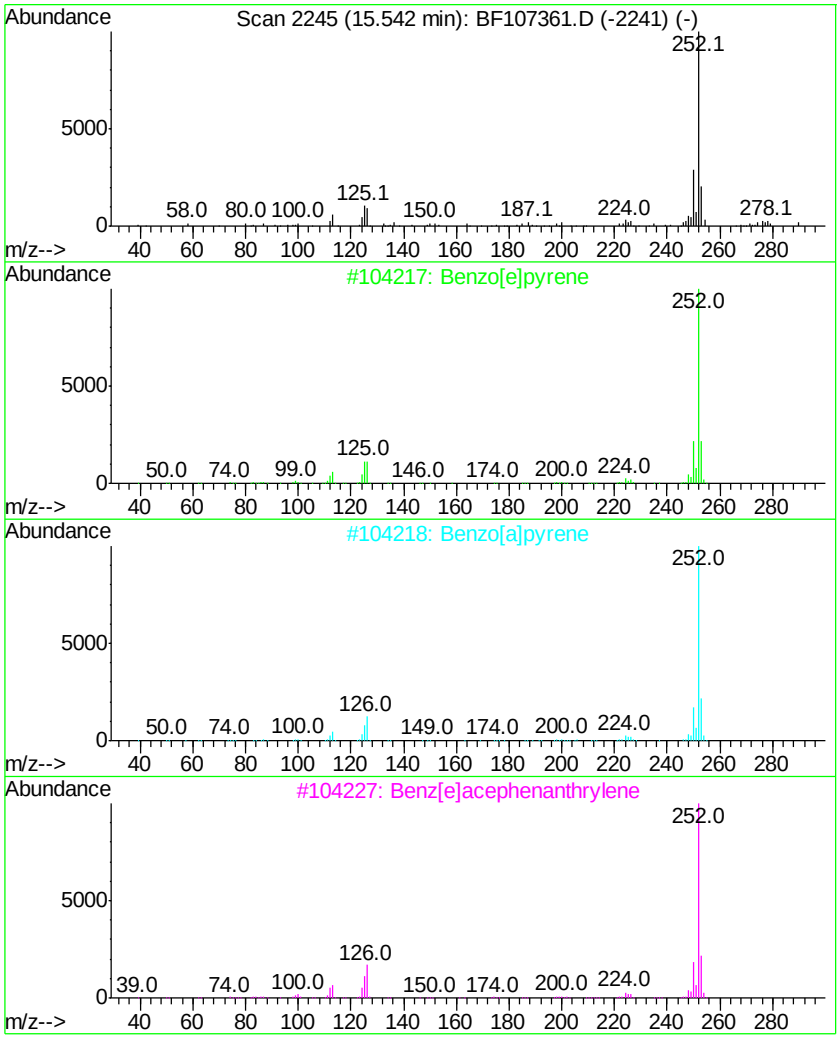
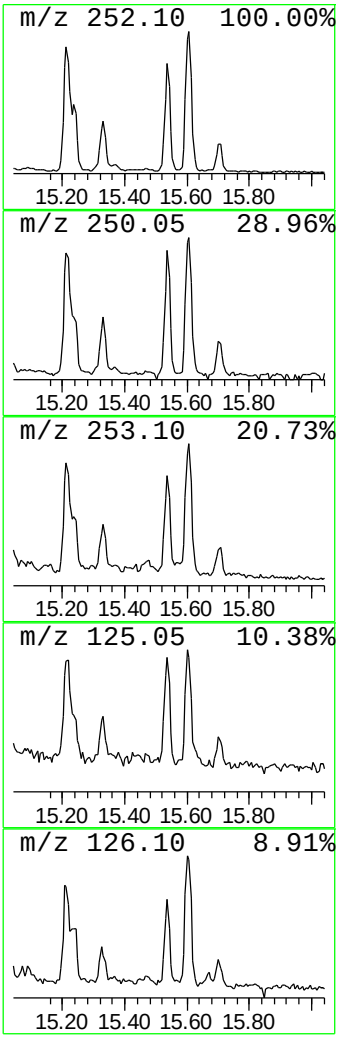
Peak Number 14 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.96 ng	93705	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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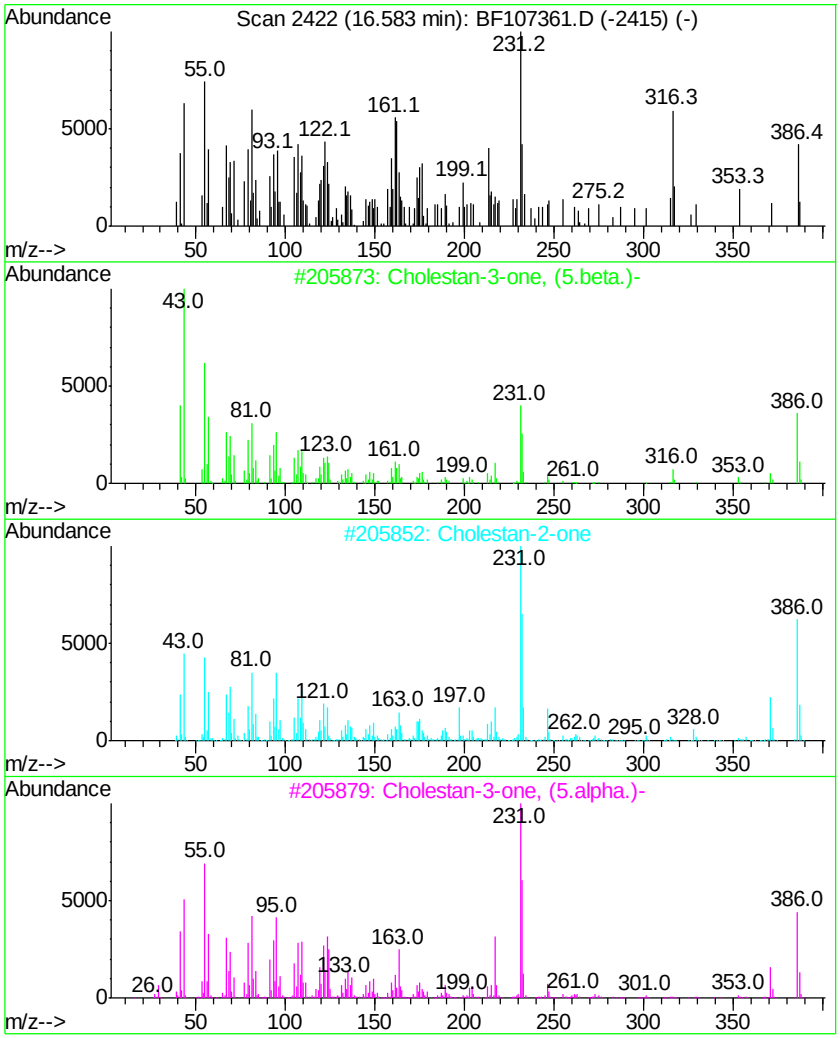
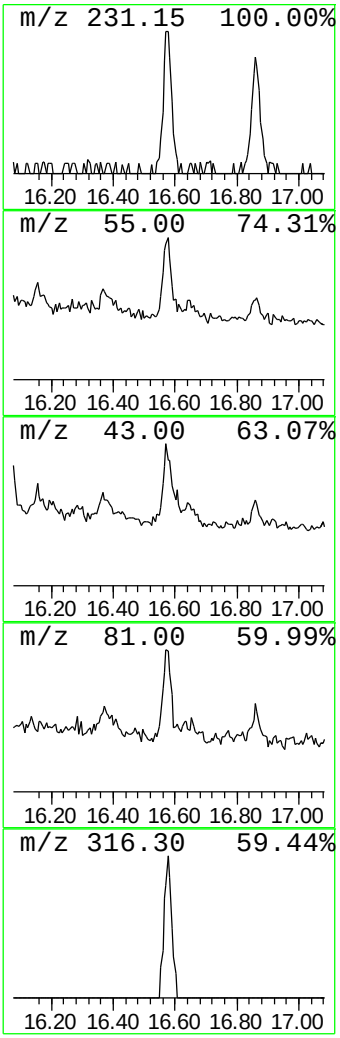
Peak Number 15 Cholestan-3-one, (5.beta.)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	10.64 ng	200940	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	86
2	Cholestan-2-one	386	C27H46O	1000210-43-4	44
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	42
4	Cholestan-3-one	386	C27H46O	015600-08-5	30
5	Phosphinic acid, (2-methylphenyl...	232	C13H13O2P	018593-18-5	27





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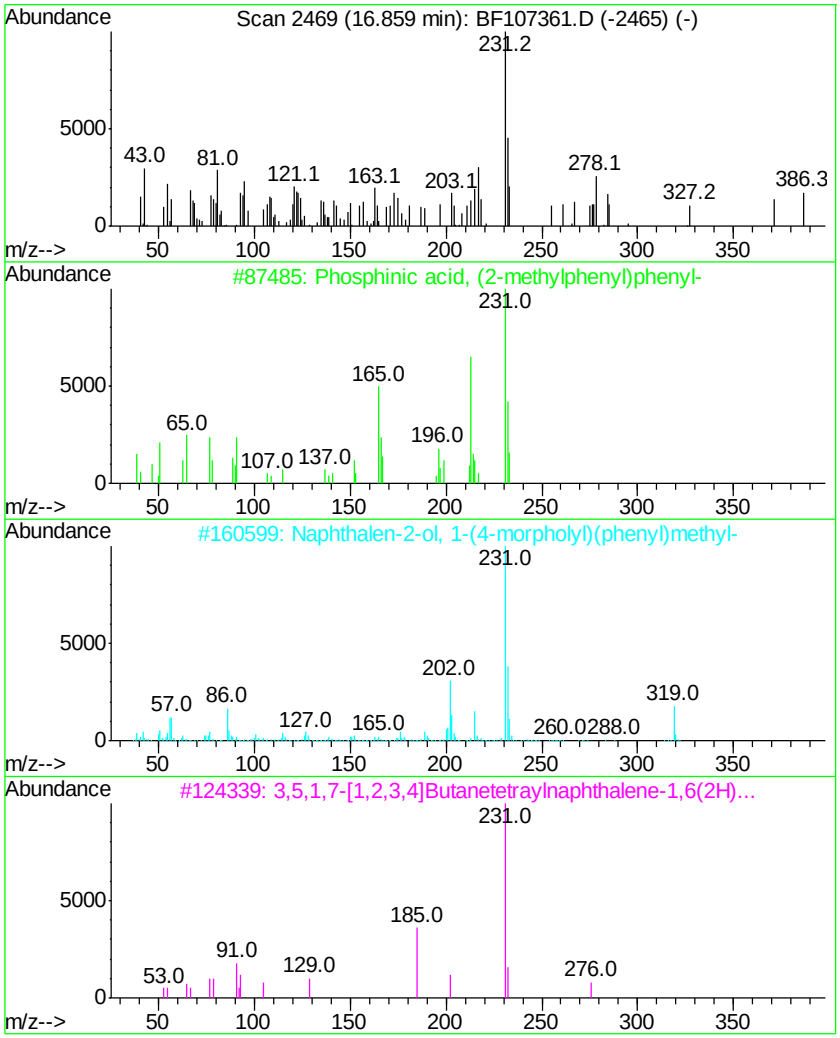
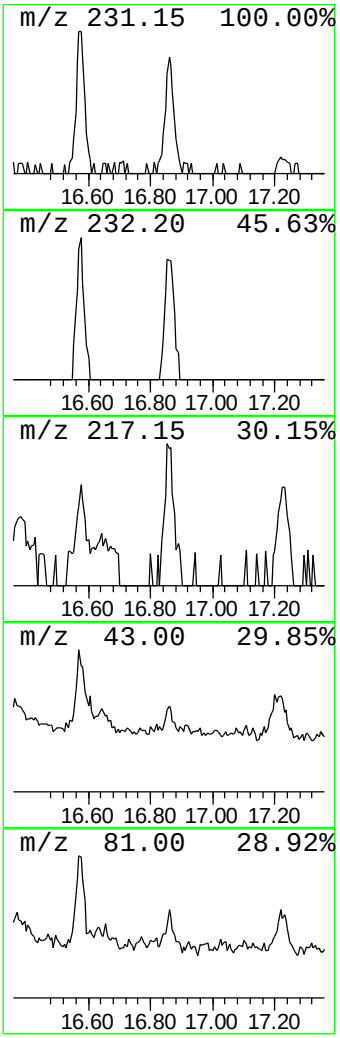
Peak Number 16 unknown16.86 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.19 ng	60210	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphinic acid, (2-methylphenyl...	232	C13H13O2P	018593-18-5	47
2	Naphthalen-2-ol, 1-(4-morpholyl)...	319	C21H21NO2	024685-08-3	47
3	3,5,1,7-[1,2,3,4]Butanetetraylna...	276	C16H20O4	075314-17-9	35
4	Phthalic acid, 2,2,2-trifluoroet...	486	C27H41F3O4	1000370-98-7	27
5	Phthalic acid, 2,2,2-trifluoroet...	472	C26H39F3O4	1000370-98-8	27





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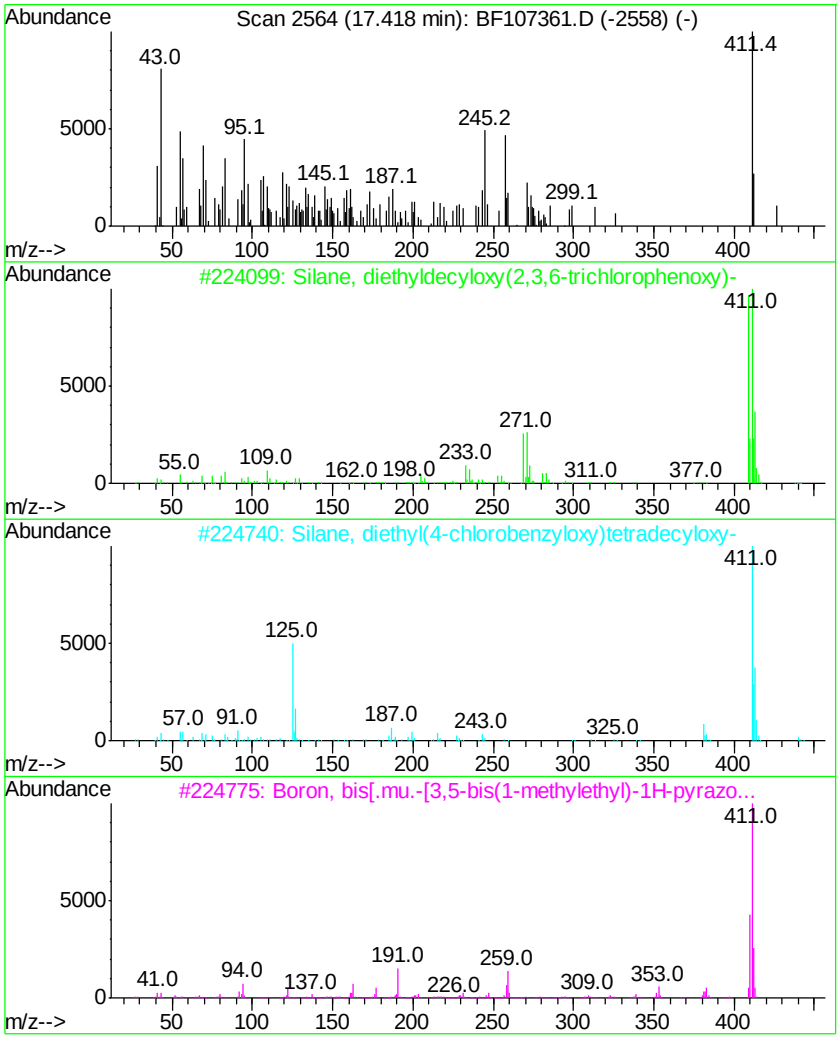
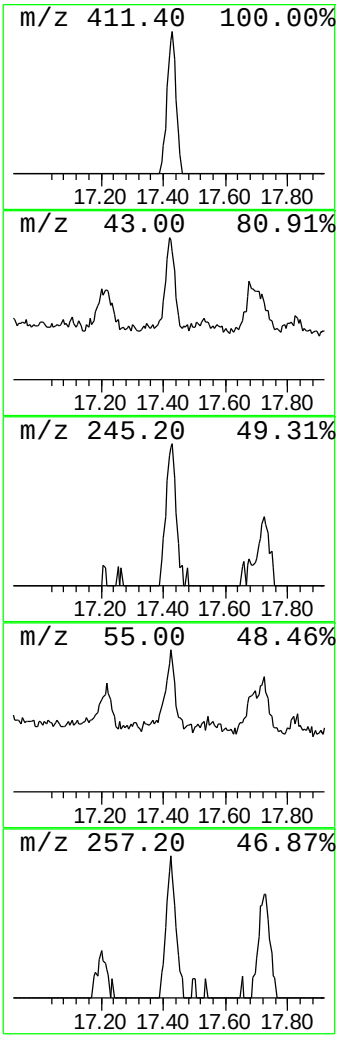
Peak Number 17 unknown17.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	10.14 ng	191485	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethyldecyloxy(2,3,6-tr...	438	C20H33Cl3O2Si	1000363-40-3	12
2	Silane, diethyl(4-chlorobenzylox...	440	C25H45ClO2Si	1000363-13-7	12
3	Boron, bis[.mu.-[3,5-bis(1-methy...	440	C26H50B2N4	133778-77-5	12
4	Silane, dimethyl(pentafluorobenz...	426	C20H31F5O2Si	1000347-26-7	12
5	5.alpha.,17.alpha.-Pregnan-20-on...	318	C21H34O2	005618-23-5	11





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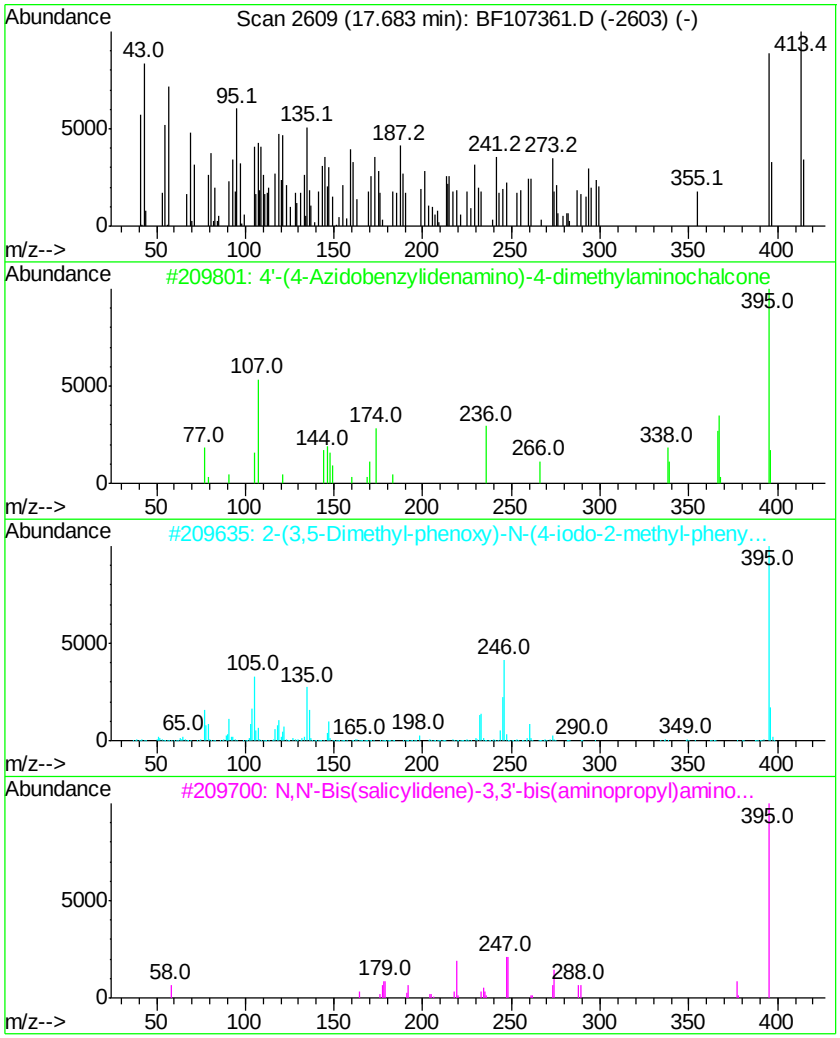
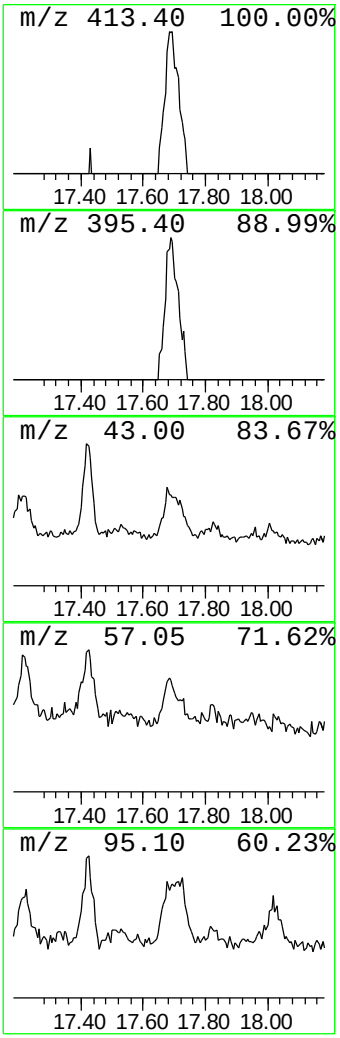
Peak Number 18 unknown17.68 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	5.65 ng	106695	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-(4-Azidobenzylidenamino)-4-di...	395	C24H21N5O	1000110-92-4	10
2	2-(3,5-Dimethyl-phenoxy)-N-(4-io...	395	C17H18INO2	304672-47-7	10
3	N,N'-Bis(salicylidene)-3,3'-bis(...	395	C20H23N3NiO2	1000105-09-8	10
4	1-(2-Naphthyloxy)-4-nitroanthrag...	395	C24H13NO5	1000110-92-3	9
5	1,1,3,3-Tetraphenyl-1,3-dimethyl...	410	C26H26OSi2	000807-28-3	9





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Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

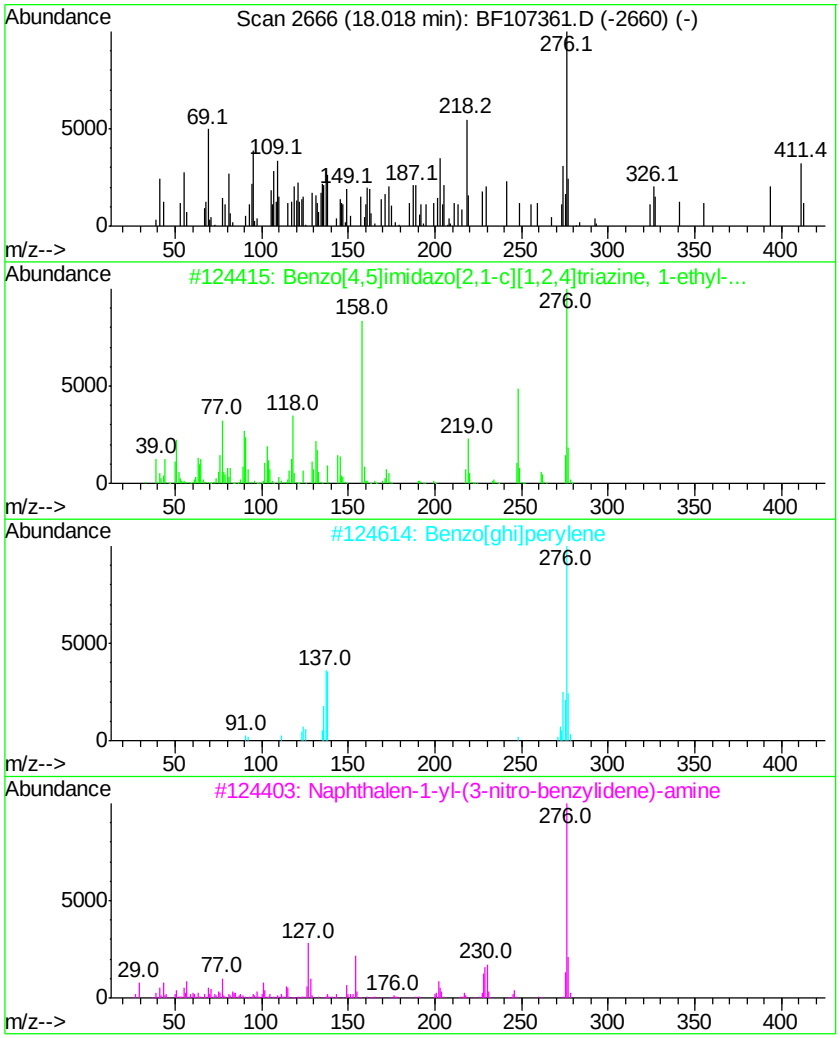
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

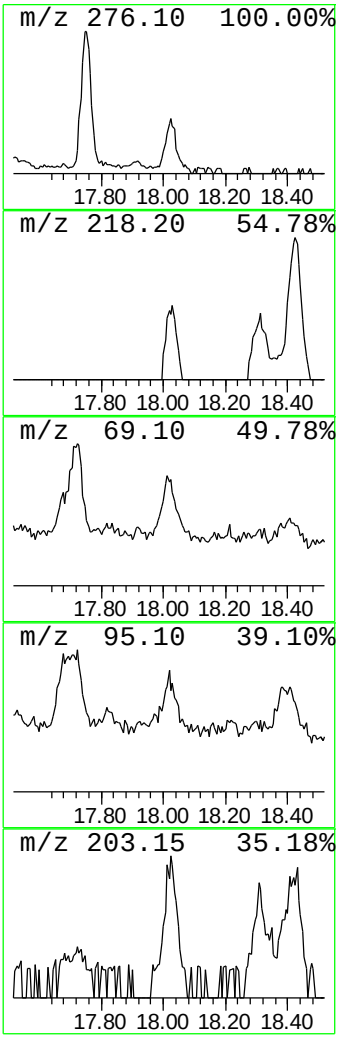
****

Peak Number 19 unknown18.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	7.30 ng	137906	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[4,5]imidazo[2,1-c][1,2,4]t...	276	C17H16N4	1000302-82-6	35
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	25
3	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	25
4	Phenanthro[3,2-b]furan-7,11-dion...	276	C18H12O3	020958-17-2	25
5	Benzo[e]pyren-9(2H)-one, 1,3,6,7...	276	C20H20O	068151-08-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

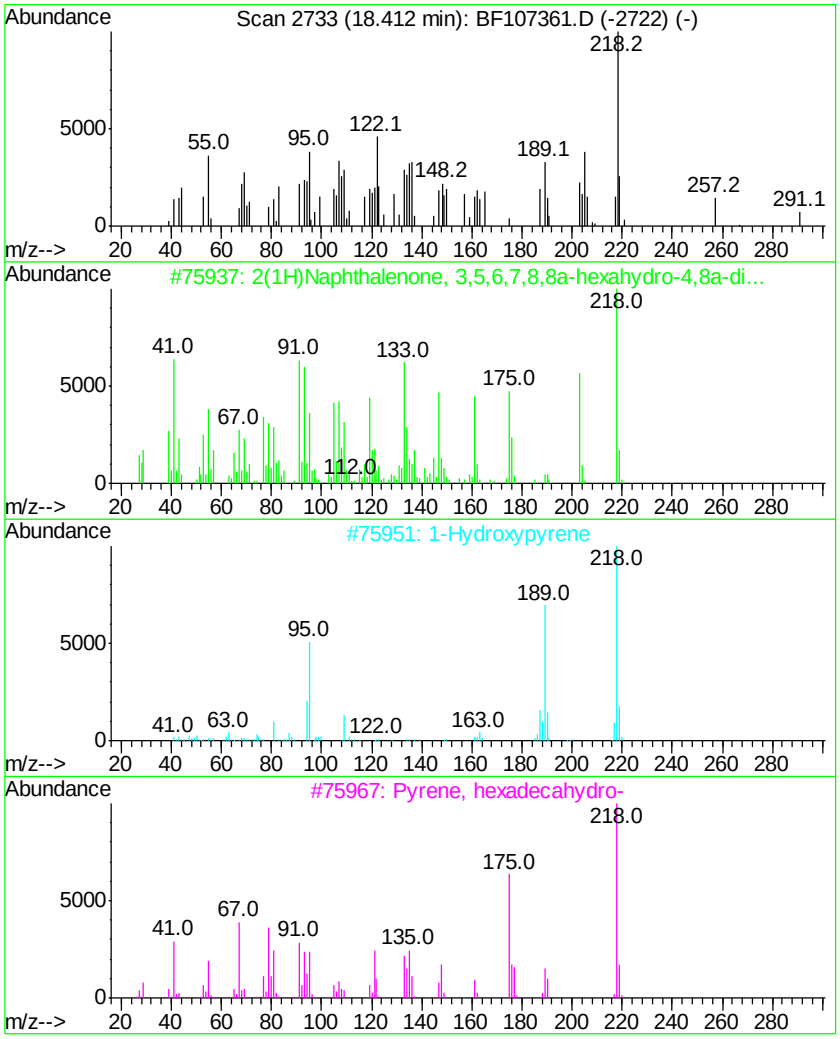
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

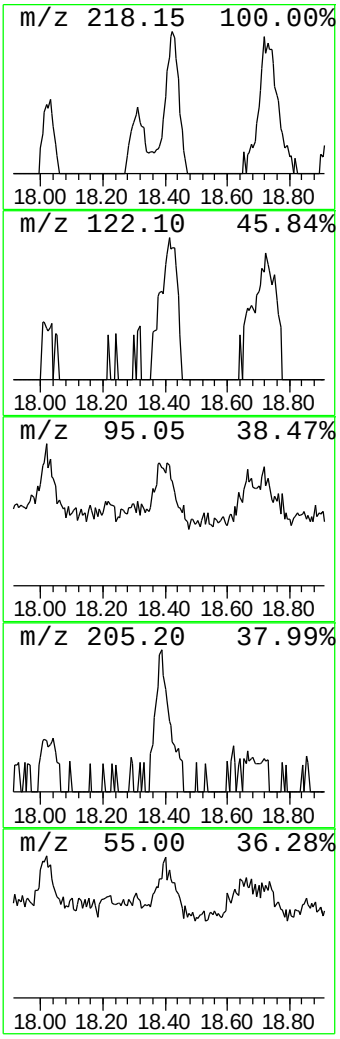
****

Peak Number 20 unknown18.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.64 ng	87680	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	25
2	1-Hydroxypyrene	218	C16H10O	005315-79-7	25
3	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	22
4	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	22
5	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
Data File : BF107361.D
Acq On : 13 Jul 2018 12:37
Operator : JU/SJ
Sample : J3947-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	10.5	ng	166035	1	6.93	317076	20.0
unknown6.71	6.71	65.8	ng	1042770	1	6.93	317076	20.0
Biphenylene	9.84	2.5	ng	43964	3	9.98	346134	20.0
Pentadecane, 2,6,...	10.60	2.3	ng	40131	3	9.98	346134	20.0
Dodecane, 2,7,10-...	10.87	3.0	ng	51341	4	11.47	346175	20.0
Benzaldehyde, 3,5...	12.09	3.6	ng	61915	4	11.47	346175	20.0
di-p-Tolylacetylene	12.52	4.1	ng	71120	4	11.47	346175	20.0
unknown12.57	12.57	3.0	ng	51237	4	11.47	346175	20.0
11H-Benzo[a]fluorene	13.25	4.0	ng	125251	5	14.13	625451	20.0
Cyclohexadecane	13.94	6.1	ng	190660	5	14.13	625451	20.0
Hexadecane	14.25	2.3	ng	72832	5	14.13	625451	20.0
Chrysene, 5-methyl-	14.65	3.9	ng	122306	5	14.13	625451	20.0
Benzo[e]pyrene	15.54	5.0	ng	93705	6	15.67	377585	20.0
Cholestan-3-one, ...	16.58	10.6	ng	200940	6	15.67	377585	20.0
unknown16.86	16.86	3.2	ng	60210	6	15.67	377585	20.0
unknown17.42	17.42	10.1	ng	191485	6	15.67	377585	20.0
unknown17.68	17.68	5.7	ng	106695	6	15.67	377585	20.0
unknown18.02	18.02	7.3	ng	137906	6	15.67	377585	20.0
unknown18.41	18.41	4.6	ng	87680	6	15.67	377585	20.0