LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107052.D
Acq On : 2 Jul 2018 18:50
Operator : JU/SJ
Sample : J3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C22-01

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	5.195	482	486	498	rBV	106061	134279	10.03%	1.000%
2	5.607	552	556	571	rBV	1330011	1275787	95.31%	9.502%
3	6.613	722	727	744	rBV	1212921	1338601	100.00%	9.970%
4	6.736	744	748	752	rBV	1306720	1285752	96.05%	9.576%
5	6.960	782	786	789	rBV	469445	366969	27.41%	2.733%
6	7.113	808	812	816	rBV	1077578	972573	72.66%	7.244%
7	7.525	877	882	885	rBV	804978	702600	52.49%	5.233%
8	8.242	1000	1004	1022	rBV	462027	435708	32.55%	3.245%
9	9.313	1182	1186	1195	rBV	1344493	1134378	84.74%	8.449%
10	9.707	1247	1253	1259	rBV	137774	132230	9.88%	0.985%
11	9.866	1274	1280	1284	rBV	38249	34456	2.57%	0.257%
12	9.907	1284	1287	1290	rVB	31702	25471	1.90%	0.190%
13	10.001	1300	1303	1307	rBV2	481559	418253	31.25%	3.115%
14	10.319	1353	1357	1360	rBV	56091	44084	3.29%	0.328%
15	10.407	1369	1372	1374	rVB	48321	35135	2.62%	0.262%
16	10.624	1403	1409	1412	rBV3	13698	18793	1.40%	0.140%
17	10.801	1435	1439	1450	rBV	844091	797635	59.59%	5.941%
18	10.877	1450	1452	1456	rBV	33989	36132	2.70%	0.269%
19	11.330	1526	1529	1531	rVB	20223	14198	1.06%	0.106%
20	11.501	1554	1558	1560	rBV	492375	453907	33.91%	3.381%
21	11.524	1560	1562	1565	rVV	143404	113876	8.51%	0.848%
22	11.577	1568	1571	1574	rBV	33345	30981	2.31%	0.231%
23	11.830	1609	1614	1617	rBV2	16147	17440	1.30%	0.130%
24	11.918	1625	1629	1633	rVB3	11524	17718	1.32%	0.132%
25	12.001	1640	1643	1646	rBV	48226	44833	3.35%	0.334%
26	12.030	1646	1648	1652	rVB	59546	48260	3.61%	0.359%
27	12.077	1652	1656	1659	rBV2	18917	23126	1.73%	0.172%
28	12.113	1659	1662	1665	rVV2	54442	68577	5.12%	0.511%
29	12.136	1665	1666	1669	rVB	33396	18992	1.42%	0.141%
30	12.289	1690	1692	1695	rBV2	27092	26795	2.00%	0.200%
31	12.330	1696	1699	1704	rVB	26910	27532	2.06%	0.205%
32	12.477	1722	1724	1726	rBV	24716	16799	1.25%	0.125%
33	12.501	1726	1728	1731	rVB2	35520	26336	1.97%	0.196%
34	12.554	1733	1737	1740	rBV	66892	72404	5.41%	0.539%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C22-01

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	12.589	1740	1743	1745	rVV2	22484	26090	1.95%	0.194%
36	12.648	1749	1753	1755	rBV3	23117	35463	2.65%	0.264%
37	12.718	1761	1765	1768	rBV	277354	248874	18.59%	1.854%
38	12.813	1779	1781	1784	rVB	17574	13877	1.04%	0.103%
39	12.930	1798	1801	1802	rBV2	44634	39207	2.93%	0.292%
40	12.954	1802	1805	1810	rVV	292222	283306	21.16%	2.110%
41	13.001	1810	1813	1816	rVB	31493	31555	2.36%	0.235%
42	13.083	1823	1827	1830	rBV	1340076	1205722	90.07%	8.980%
43	13.171	1838	1842	1846	rBV3	26437	49719	3.71%	0.370%
44	13.277	1853	1860	1863	rBV	52284	89675	6.70%	0.668%
45	13.342	1869	1871	1875	rBV	21304	24197	1.81%	0.180%
46	13.383	1875	1878	1881	rBV2	39427	46902	3.50%	0.349%
47	13.477	1892	1894	1897	rBV	39004	37153	2.78%	0.277%
48	13.507	1897	1899	1901	rVV	30766	25011	1.87%	0.186%
49	13.959	1973	1976	1981	rBV3	112904	137755	10.29%	1.026%
50	14.101	1997	2000	2003	rBV	138337	113988	8.52%	0.849%
51	14.159	2005	2010	2012	rBV2	448437	496793	37.11%	3.700%
52	14.183	2012	2014	2018	rVB	102282	92472	6.91%	0.689%
53	15.712	2270	2274	2278	rVB	177606	218168	16.30%	1.625%

Sum of corrected areas: 13426537

LSC Report - Integrated Chromatogram

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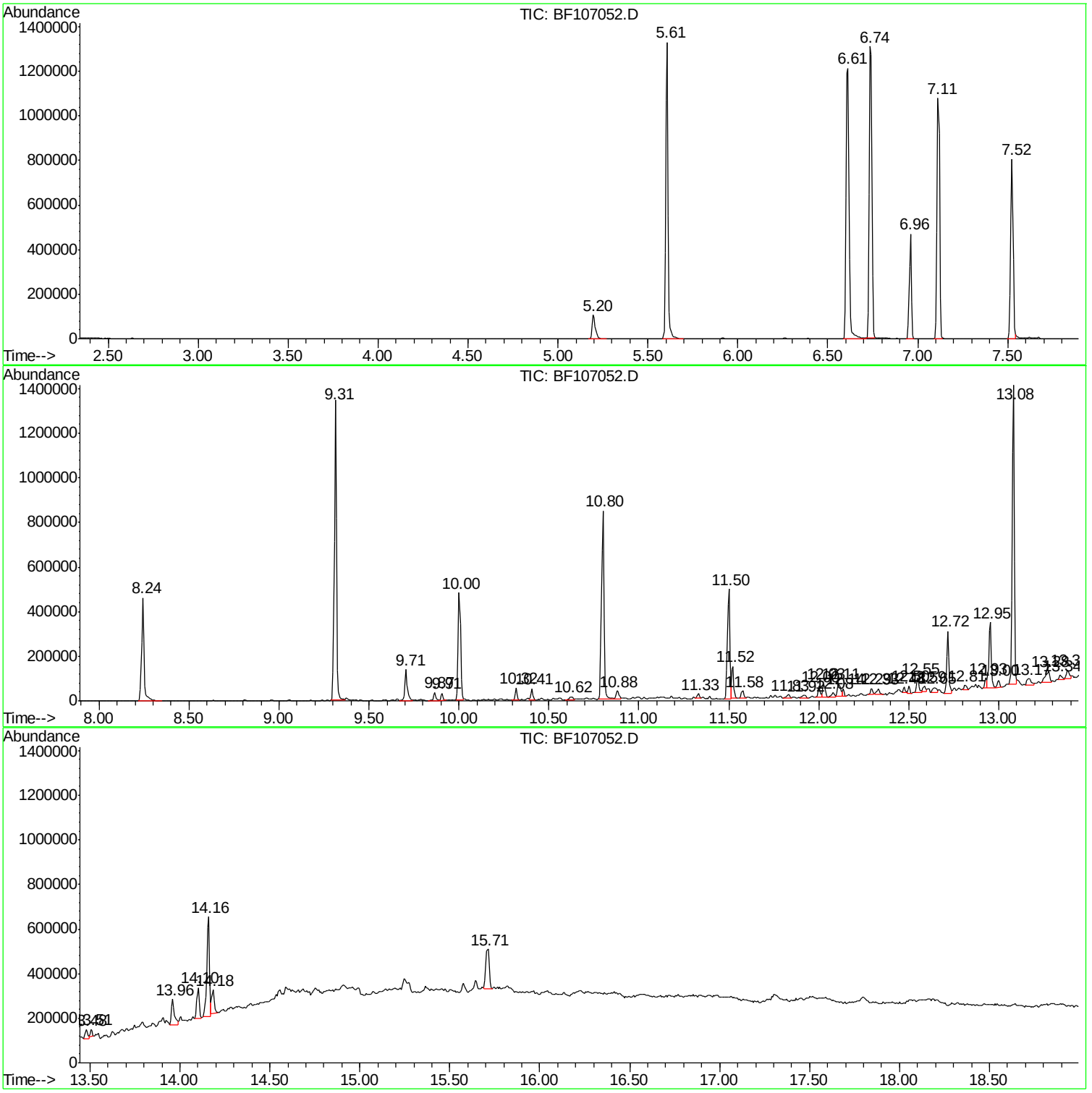
Instrument : BNA_F
ClientSampleId : A0C22-01

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\BF070218\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

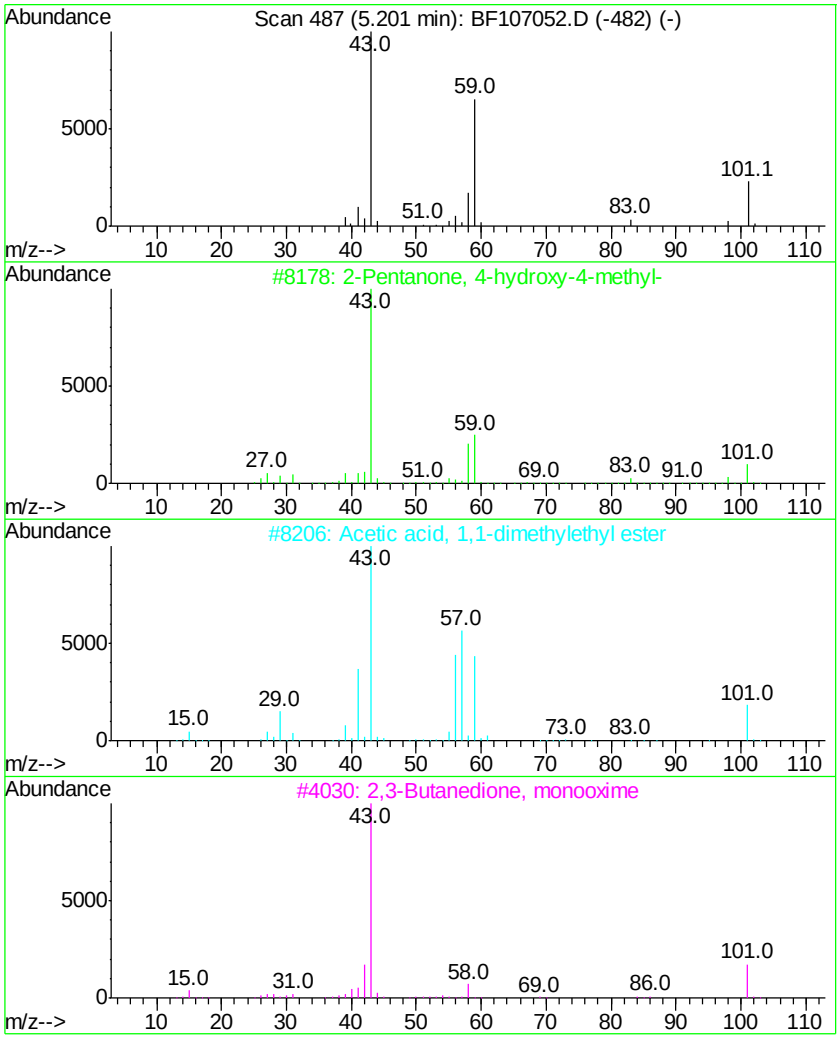
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

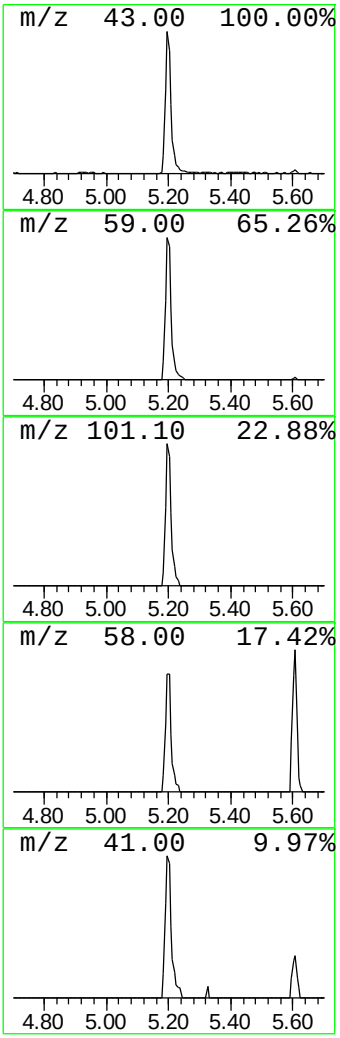
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.32 ng	134279	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Misc :
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Instrument : BNA_F
ClientSampleId : A0C22-01

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

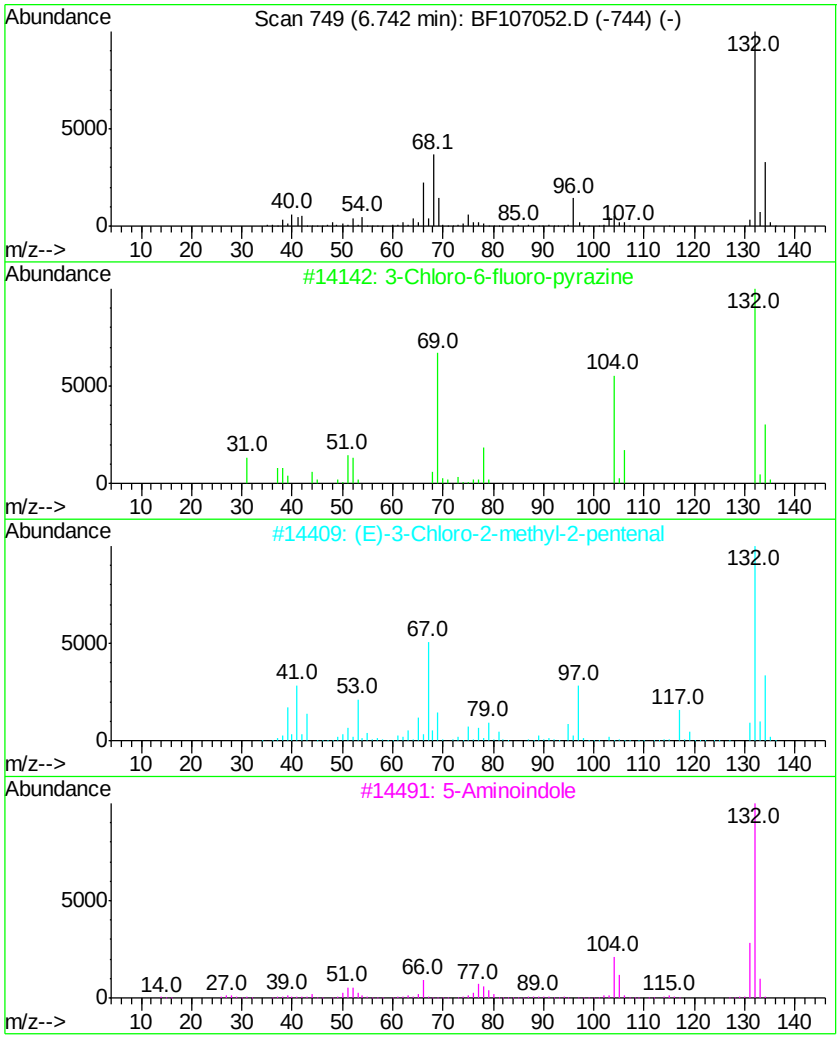
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

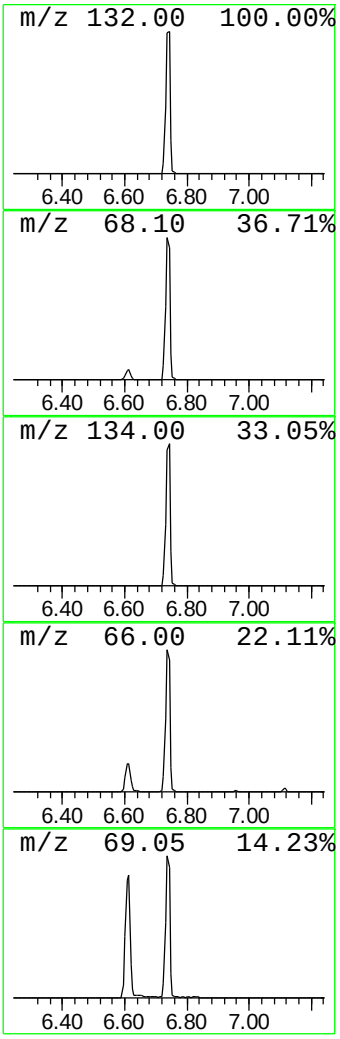
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	70.07 ng	1285750	1,4-Dichlorobenzene-d4	6.96

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : A0C22-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
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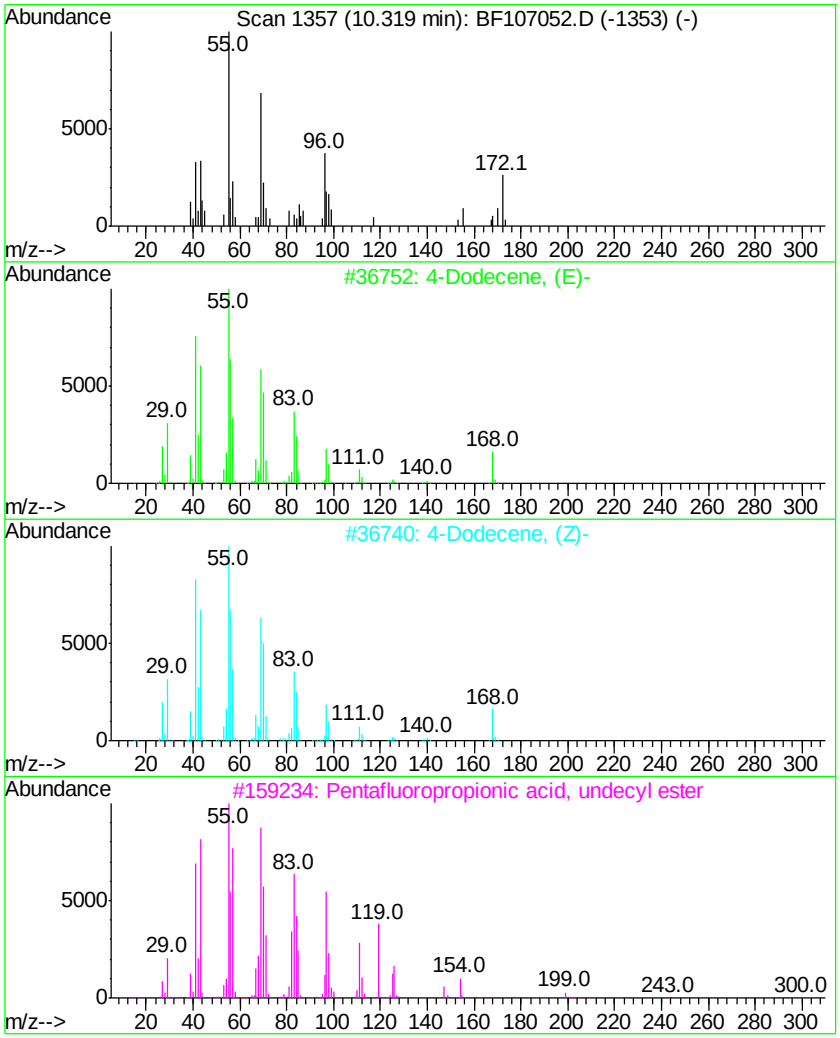
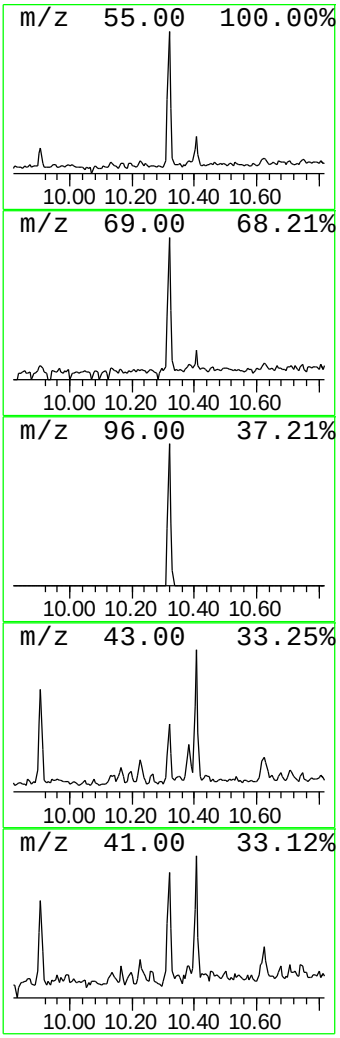
****

Peak Number 4 unknown10.32 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.11 ng	44084	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dodecene, (E)-	168	C12H24	007206-15-7	16
2	4-Dodecene, (Z)-	168	C12H24	007206-27-1	16
3	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	14
4	Oxalic acid, cyclobutyl nonyl ester	270	C15H26O4	1000309-70-0	14
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	14





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C22-01

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

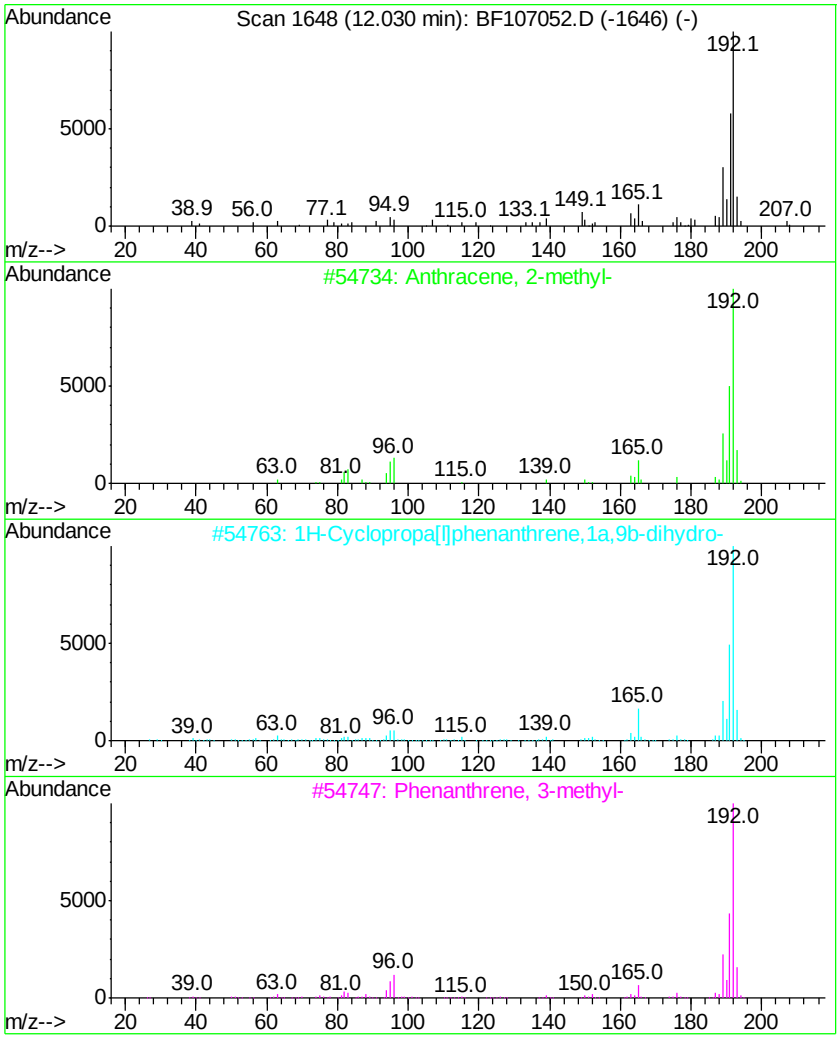
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

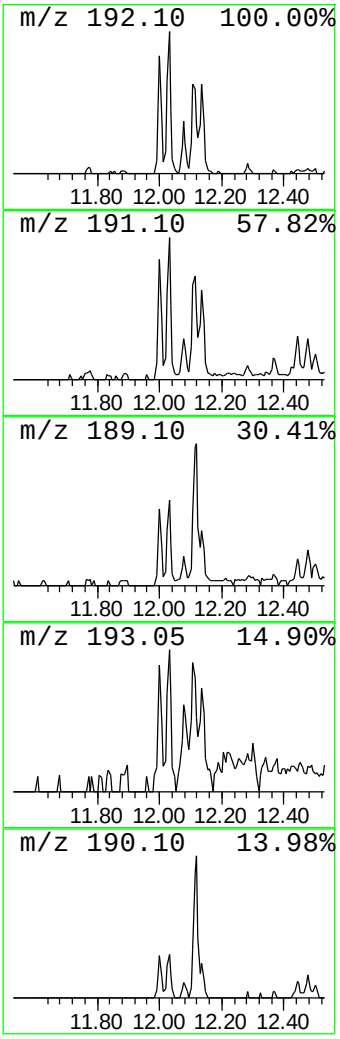
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.13 ng	48260	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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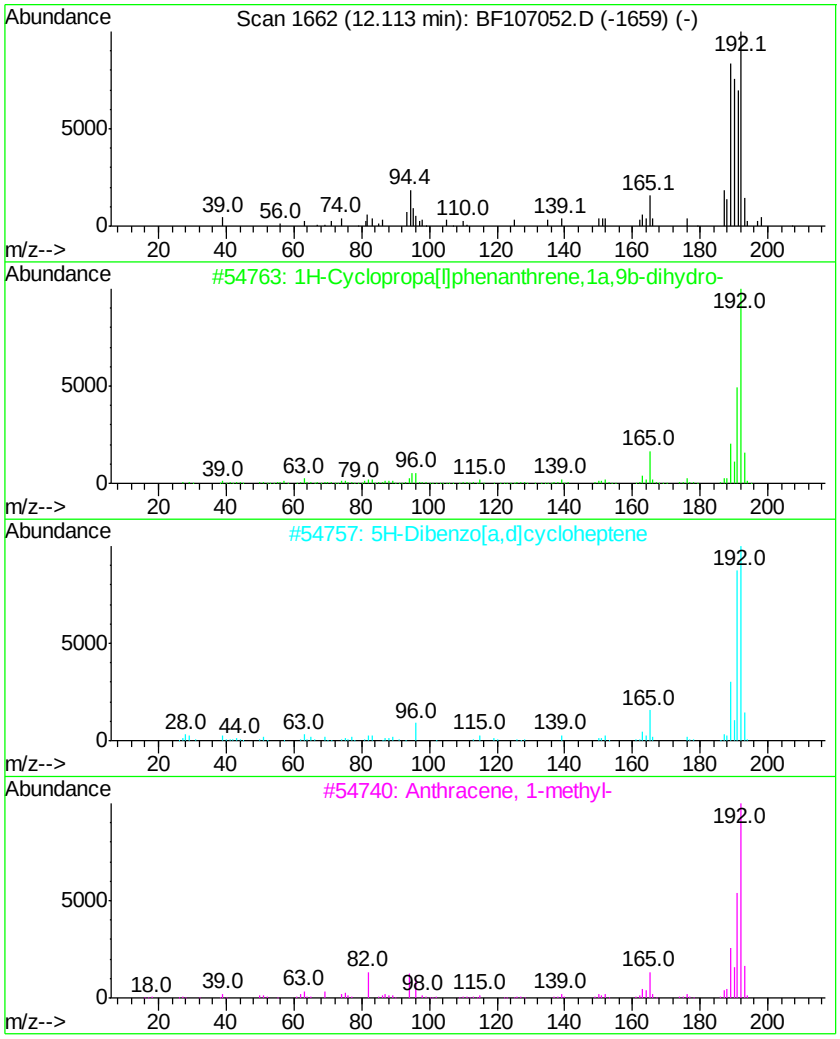
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

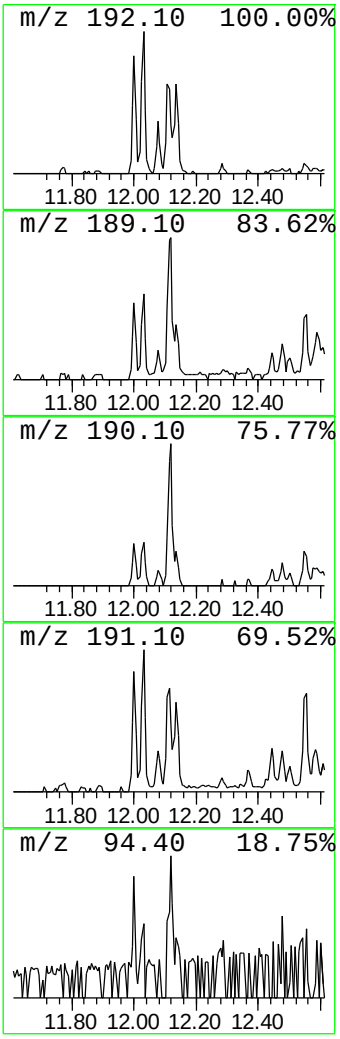
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.02 ng	68577	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : A0C22-01

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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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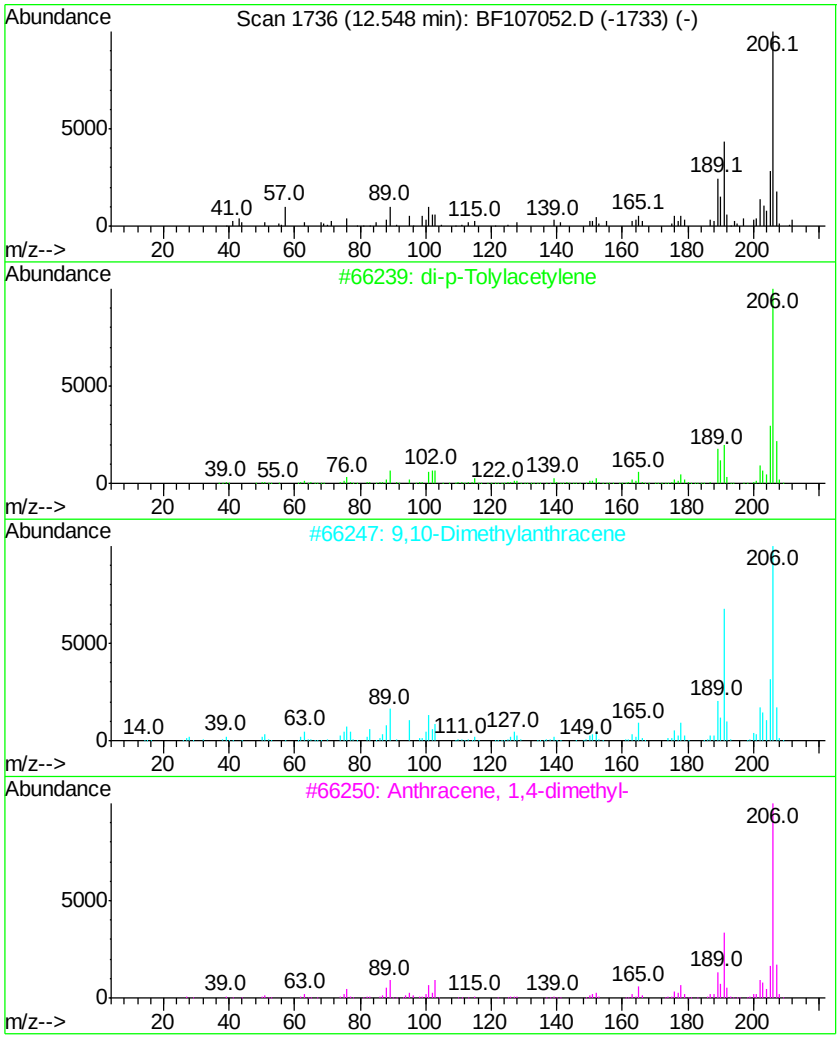
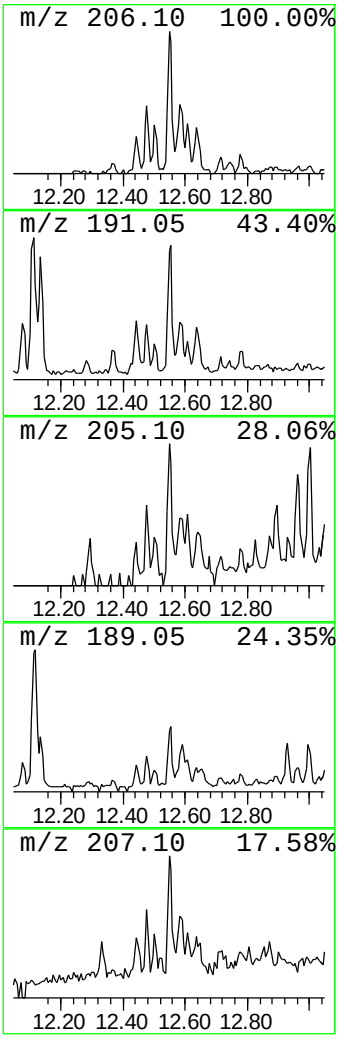
Peak Number 7 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.19 ng	72404	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

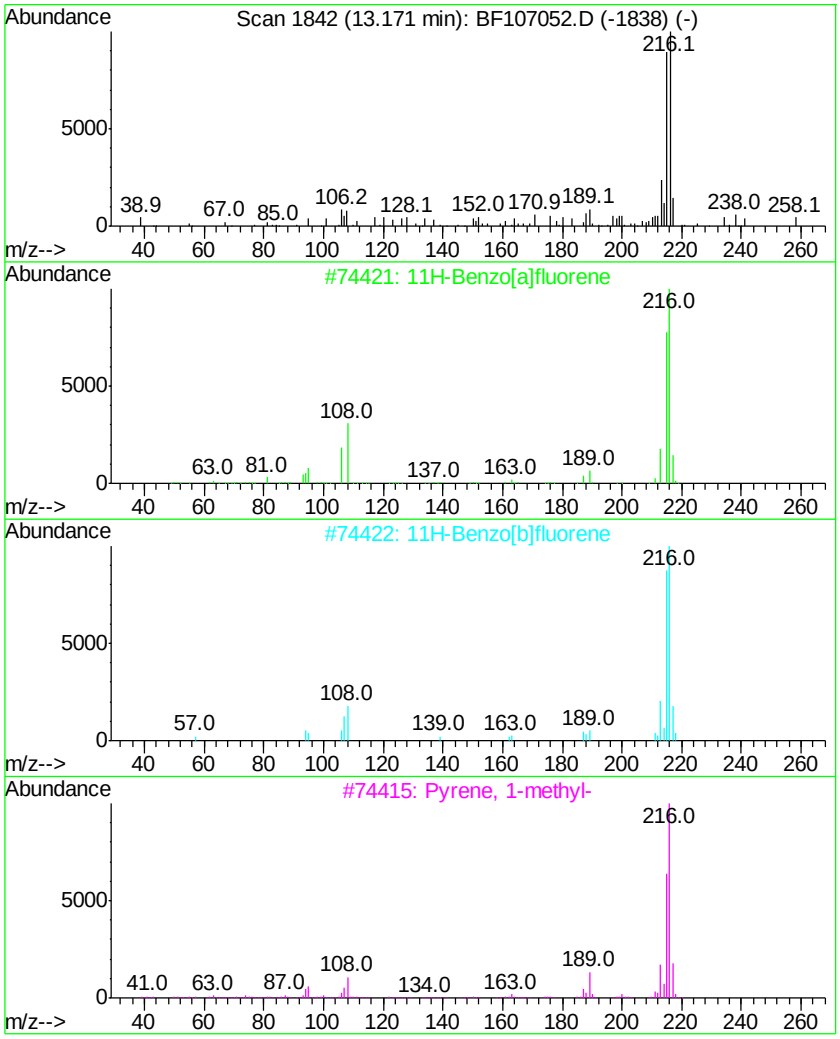
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

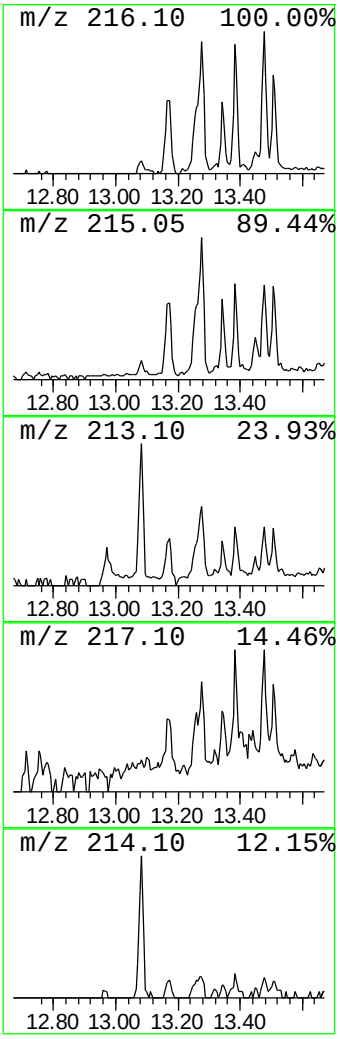
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.00 ng	49719	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





Library Search Compound Report

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Instrument : BNA_F
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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

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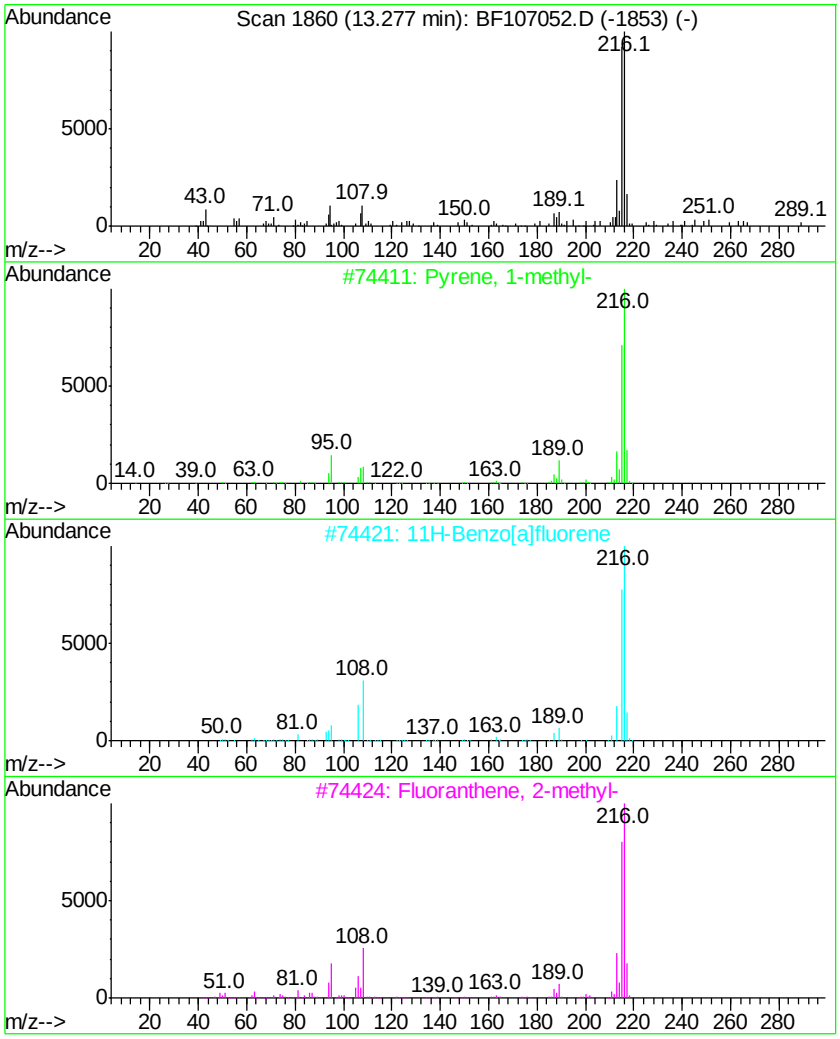
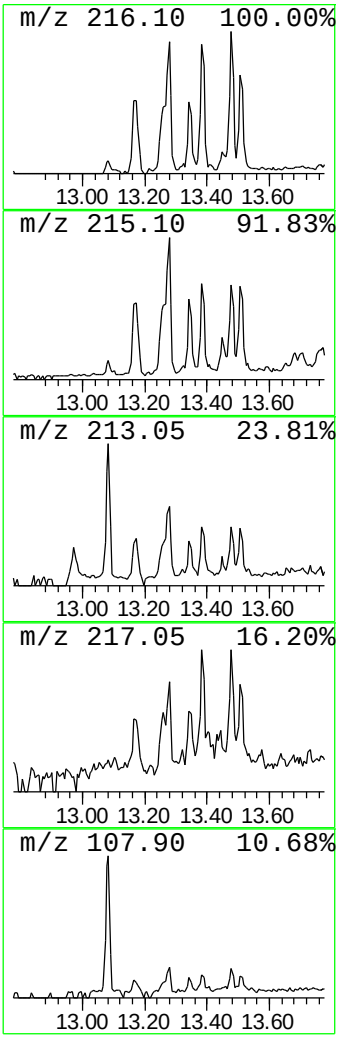
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.61 ng	89675	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Data File : BF107052.D
Acq On : 2 Jul 2018 18:50
Operator : JU/SJ
Sample : J3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C22-01

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

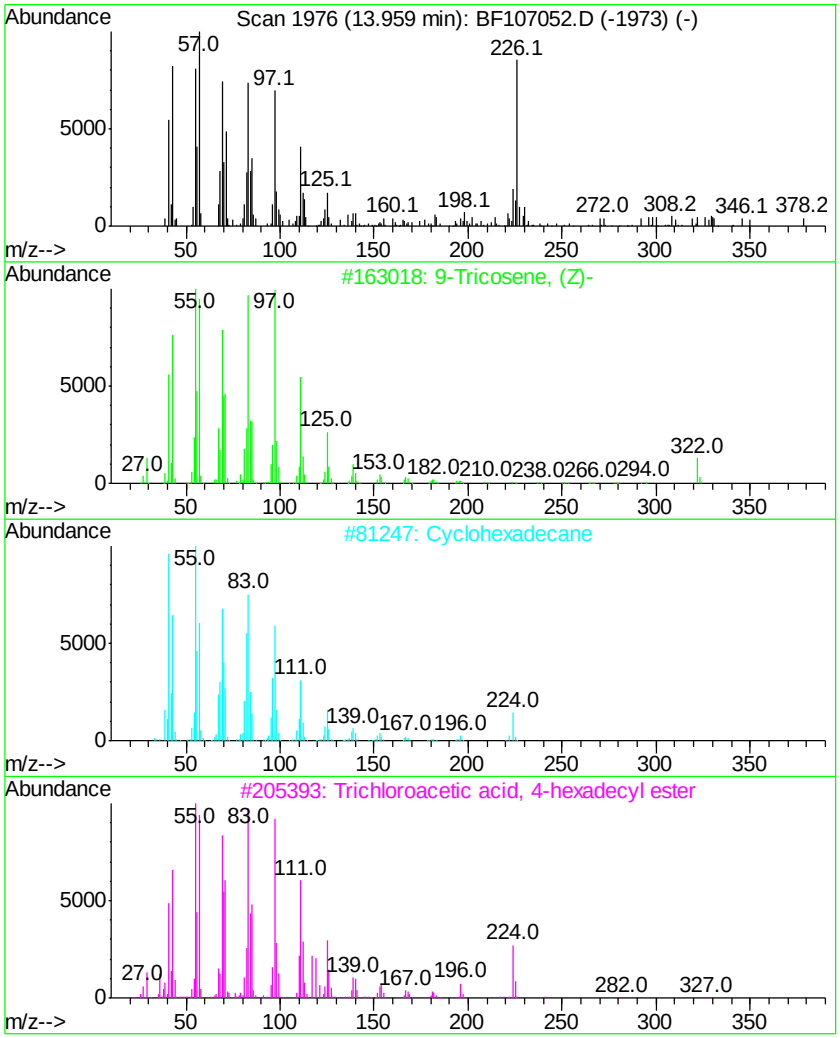
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

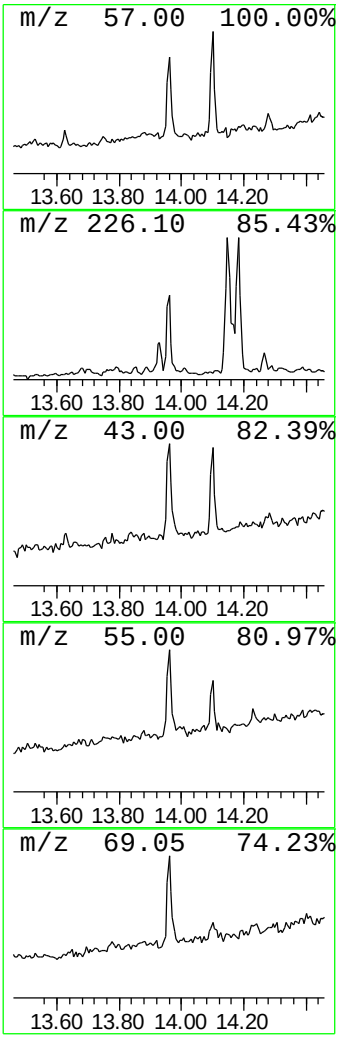
****

Peak Number 10 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.55 ng	137755	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	76
4	Z-12-Pentacosene	350	C25H50	1000131-09-4	64
5	Z-8-Hexadecene	224	C16H32	1000130-87-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
Data File : BF107052.D
Acq On : 2 Jul 2018 18:50
Operator : JU/SJ
Sample : J3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C22-01

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...	5.20	7.3	ng	134279	1	6.96	366969	20.0
unknown6.74	6.74	70.1	ng	1285750	1	6.96	366969	20.0
unknown10.32	10.32	2.1	ng	44084	3	10.00	418253	20.0
Anthracene, 2-met...	12.03	2.1	ng	48260	4	11.50	453907	20.0
1H-Cyclopropa[l]p...	12.11	3.0	ng	68577	4	11.50	453907	20.0
di-p-Tolylacetylene	12.55	3.2	ng	72404	4	11.50	453907	20.0
11H-Benzo[a]fluorene	13.17	2.0	ng	49719	5	14.16	496793	20.0
Pyrene, 1-methyl-	13.28	3.6	ng	89675	5	14.16	496793	20.0
9-Tricosene, (Z)-	13.96	5.5	ng	137755	5	14.16	496793	20.0