LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102473.D
Acq On : 26 Jan 2018 17:21
Operator : SJ/JU
Sample : J1020-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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	5.328	547	551	567	rBV	713964	824253	31.62%	3.849%
2	6.363	723	727	745	rBV	833914	1010707	38.77%	4.720%
3	6.487	745	748	754	rBV	954032	871640	33.44%	4.071%
4	6.722	784	788	796	rBV	994356	913807	35.06%	4.268%
5	6.875	810	814	823	rBV	718641	656090	25.17%	3.064%
6	7.287	880	884	887	rBV	329418	356561	13.68%	1.665%
7	8.004	1000	1006	1012	rBV	1462971	1262403	48.43%	5.896%
8	8.592	1103	1106	1109	rBV	65385	51932	1.99%	0.243%
9	8.822	1140	1145	1152	rBV2	38687	59372	2.28%	0.277%
10	9.022	1176	1179	1181	rBV2	31374	30867	1.18%	0.144%
11	9.075	1185	1188	1198	rBV	881938	867522	33.28%	4.051%
12	9.157	1198	1202	1204	rBV	98923	78965	3.03%	0.369%
13	9.345	1230	1234	1239	rBV6	27838	41619	1.60%	0.194%
14	9.416	1243	1246	1248	rBV2	44720	47155	1.81%	0.220%
15	9.475	1252	1256	1259	rBV	154668	132774	5.09%	0.620%
16	9.533	1264	1266	1270	rBV2	37012	32345	1.24%	0.151%
17	9.622	1277	1281	1285	rBV	46629	51202	1.96%	0.239%
18	9.686	1289	1292	1296	rVB	126425	104256	4.00%	0.487%
19	9.757	1301	1304	1308	rVV	1461655	1235261	47.39%	5.769%
20	9.786	1308	1309	1313	rVB2	54279	44675	1.71%	0.209%
21	9.863	1319	1322	1327	rVB4	20337	29758	1.14%	0.139%
22	9.910	1327	1330	1333	rBV4	24950	33616	1.29%	0.157%
23	9.963	1337	1339	1343	rVB3	32859	38828	1.49%	0.181%
24	10.004	1343	1346	1350	rBV4	50122	57091	2.19%	0.267%
25	10.075	1355	1358	1361	rBV3	30538	40808	1.57%	0.191%
26	10.186	1374	1377	1379	rVB	142961	121013	4.64%	0.565%
27	10.304	1394	1397	1402	rVB2	55003	64924	2.49%	0.303%
28	10.404	1410	1414	1420	rVB2	44349	78231	3.00%	0.365%
29	10.551	1436	1439	1449	rVB	334128	355521	13.64%	1.660%
30	10.657	1454	1457	1466	rVB	159923	205361	7.88%	0.959%
31	10.851	1486	1490	1493	rBV3	37884	58277	2.24%	0.272%
32	10.880	1493	1495	1498	rVB	40153	33414	1.28%	0.156%
33	10.980	1507	1512	1514	rBV6	35177	48760	1.87%	0.228%
34	11.104	1530	1533	1535	rBV	114833	90777	3.48%	0.424%

LSC Area Percent Report

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Acq On : 26 Jan 2018 17:21
Operator : SJ/JU
Sample : J1020-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.133	1535	1538	1544	rVB3	63364	96766	3.71%	0.452%
36	11.245	1553	1557	1559	rBV	1176367	1036077	39.75%	4.839%
37	11.269	1559	1561	1567	rVV	354972	317482	12.18%	1.483%
38	11.322	1567	1570	1573	rVB	90298	76316	2.93%	0.356%
39	11.480	1593	1597	1602	rBV3	32823	51311	1.97%	0.240%
40	11.533	1603	1606	1608	rVV2	87538	73267	2.81%	0.342%
41	11.574	1611	1613	1618	rVB2	33286	37302	1.43%	0.174%
42	11.633	1619	1623	1626	rBV	964932	720916	27.66%	3.367%
43	11.745	1639	1642	1645	rBV	95725	93384	3.58%	0.436%
44	11.774	1645	1647	1653	rVB	116052	97215	3.73%	0.454%
45	11.822	1653	1655	1658	rBV	46963	44717	1.72%	0.209%
46	11.857	1658	1661	1663	rVV	149828	148004	5.68%	0.691%
47	11.880	1663	1665	1668	rVB	81271	70341	2.70%	0.329%
48	11.939	1671	1675	1679	rBV	80602	83135	3.19%	0.388%
49	12.039	1689	1692	1696	rBV2	54803	61435	2.36%	0.287%
50	12.074	1696	1698	1703	rVB5	37549	36564	1.40%	0.171%
51	12.222	1720	1723	1725	rBV	65510	49185	1.89%	0.230%
52	12.245	1725	1727	1731	rVB2	42454	38091	1.46%	0.178%
53	12.292	1732	1735	1736	rBV2	117075	104358	4.00%	0.487%
54	12.322	1736	1740	1742	rVV	2575268	2606614	100.00%	12.173%
55	12.339	1742	1743	1749	rVB2	1804408	1374199	52.72%	6.418%
56	12.427	1754	1758	1760	rVV	315688	280197	10.75%	1.309%
57	12.457	1760	1763	1768	rVV	445270	390477	14.98%	1.824%
58	12.686	1796	1802	1808	rBV	564607	672198	25.79%	3.139%
59	12.745	1809	1812	1815	rVB2	70270	82383	3.16%	0.385%
60	12.827	1822	1826	1829	rBV	690546	574015	22.02%	2.681%
61	12.904	1836	1839	1846	rBV5	55206	116777	4.48%	0.545%
62	12.986	1850	1853	1855	rBV2	79887	100637	3.86%	0.470%
63	13.057	1863	1865	1867	rBV2	49231	52488	2.01%	0.245%
64	13.121	1873	1876	1879	rBV	97855	101051	3.88%	0.472%
65	13.210	1889	1891	1894	rBV	73107	63199	2.42%	0.295%
66	13.245	1894	1897	1899	rBV	73609	70834	2.72%	0.331%
67	13.727	1977	1979	1984	rVB2	98281	115515	4.43%	0.539%
68	13.886	2001	2006	2009	rBV2	973967	1085924	41.66%	5.071%
69	15.321	2247	2250	2255	rVB	509460	560234	21.49%	2.616%

Sum of corrected areas: 21412393

LSC Report - Integrated Chromatogram

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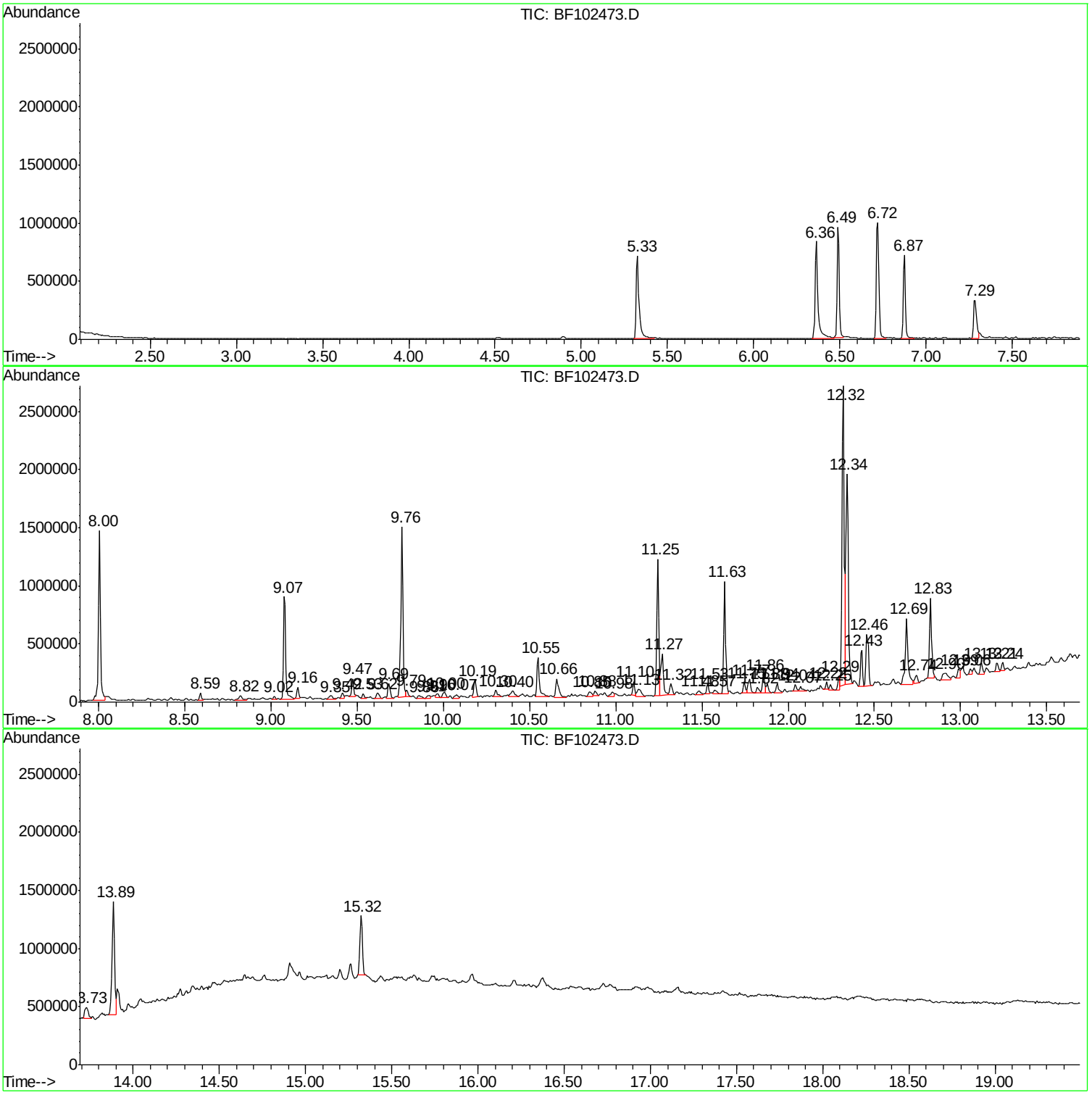
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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Data File : BF102473.D
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BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

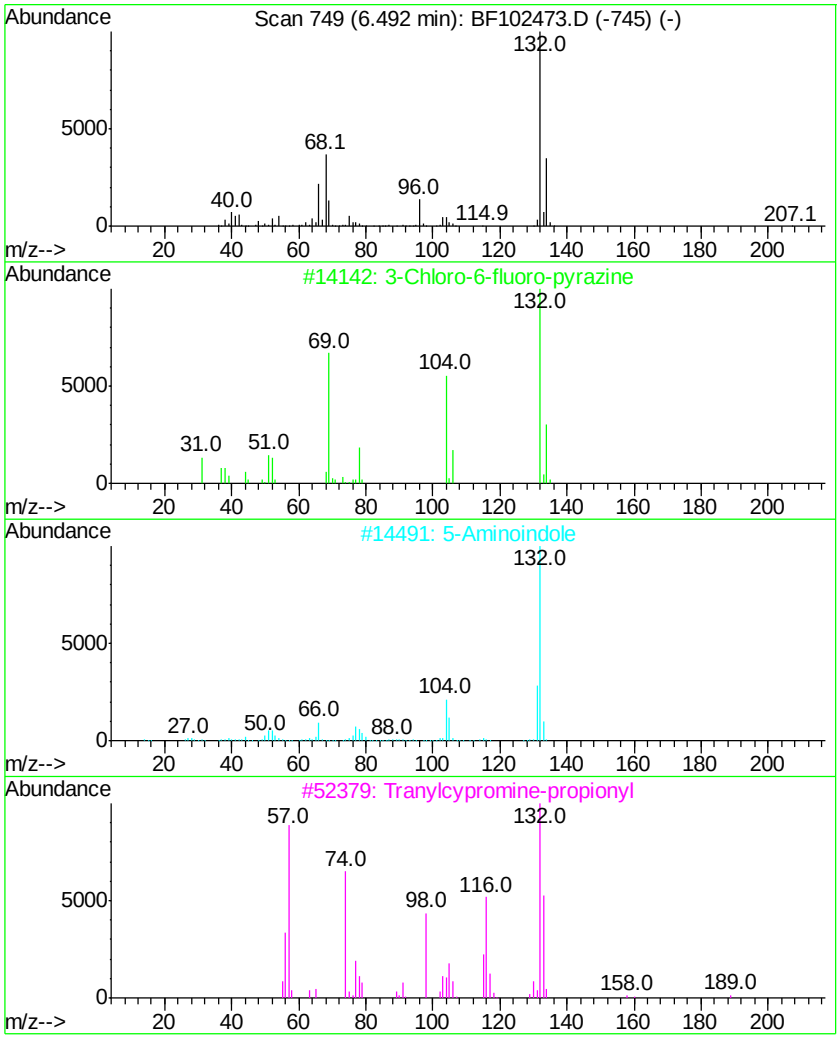
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

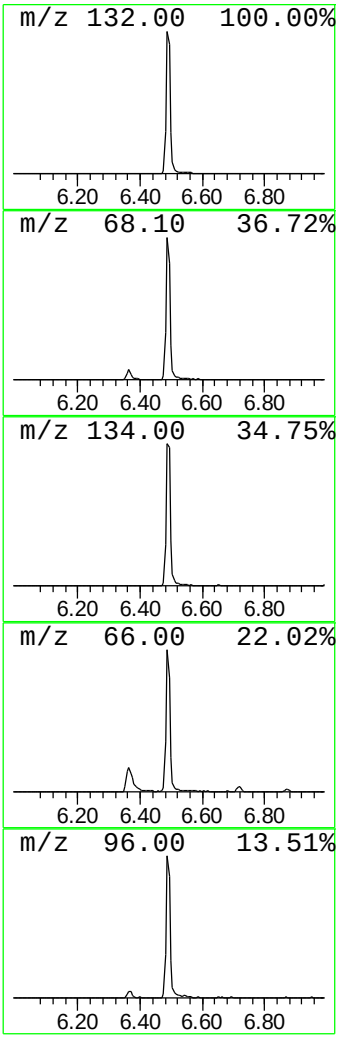
****

Peak Number 1 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	19.08 ng	871640	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102473.D
Acq On : 26 Jan 2018 17:21
Operator : SJ/JU
Sample : J1020-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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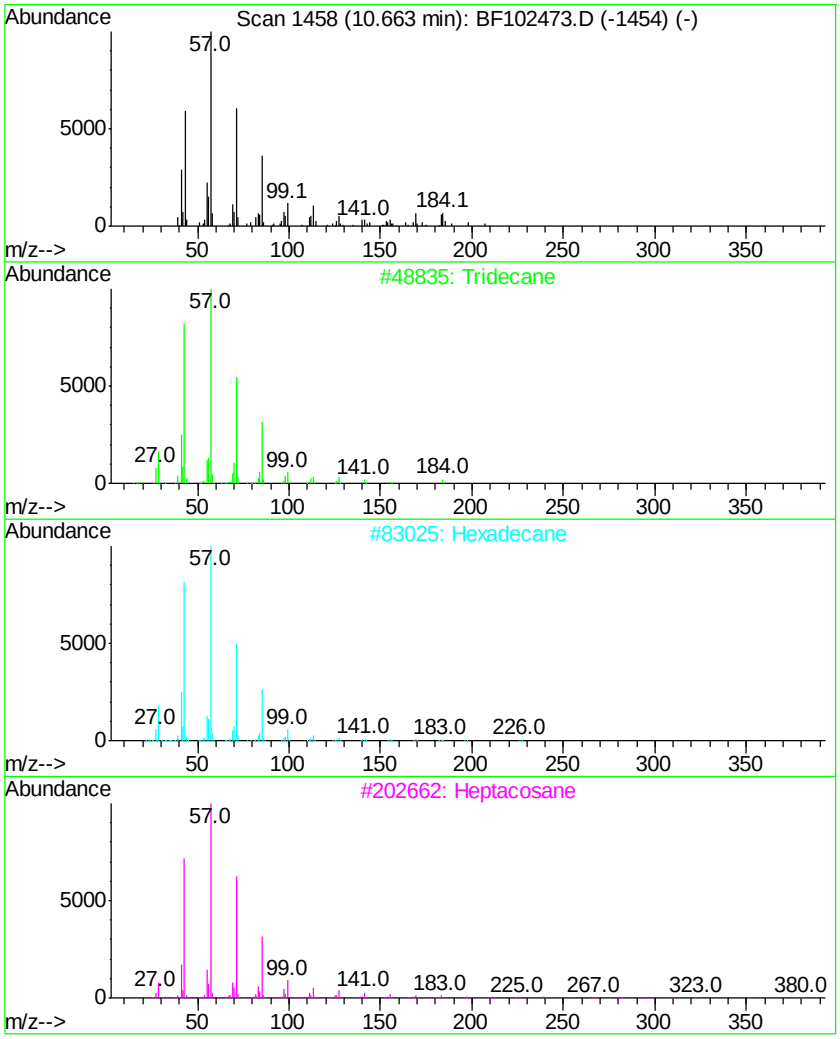
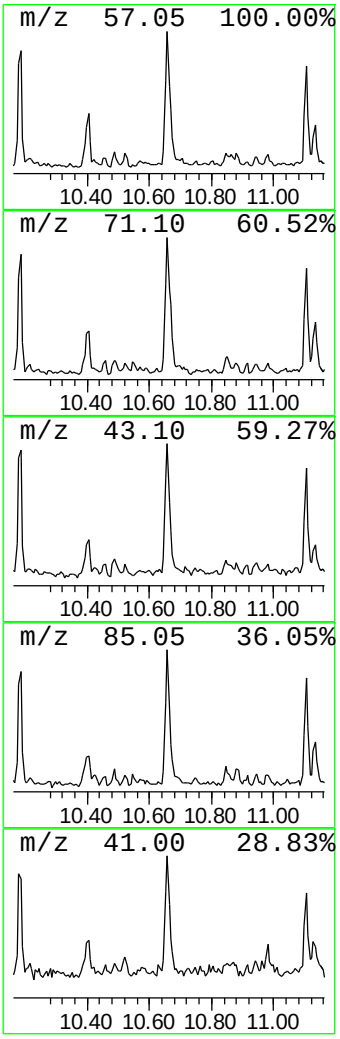
Peak Number 3 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.96 ng	205361	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	86





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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Sample : J1020-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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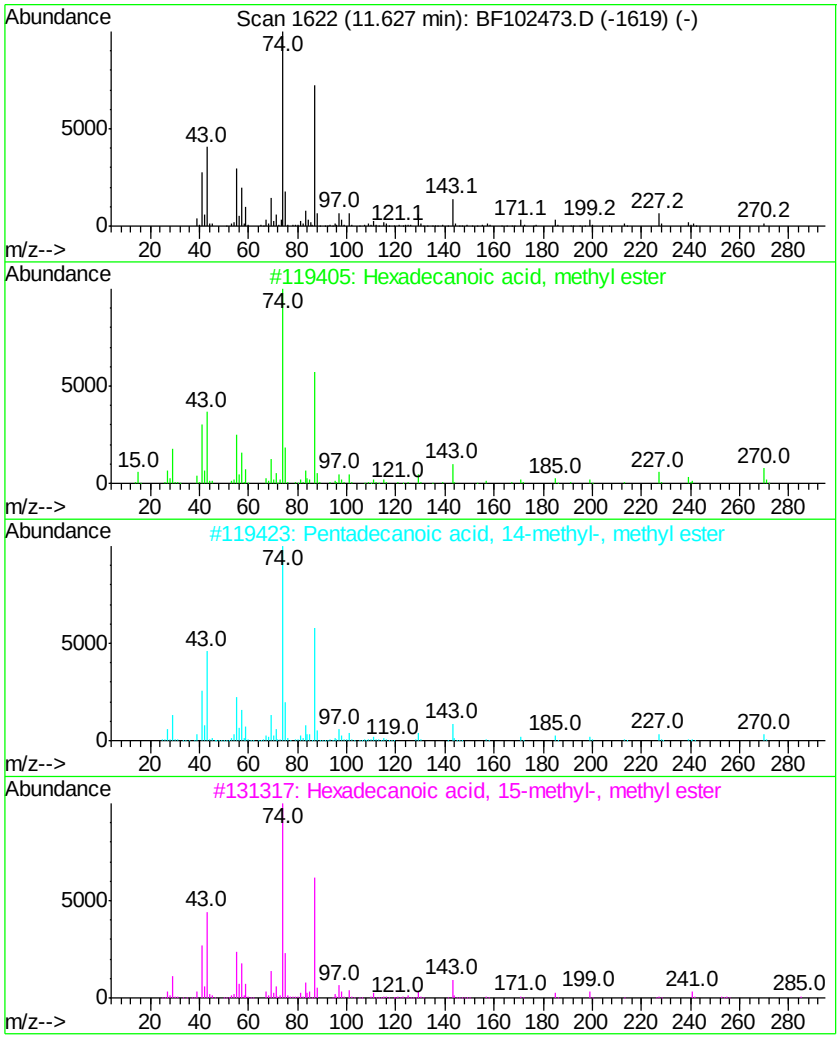
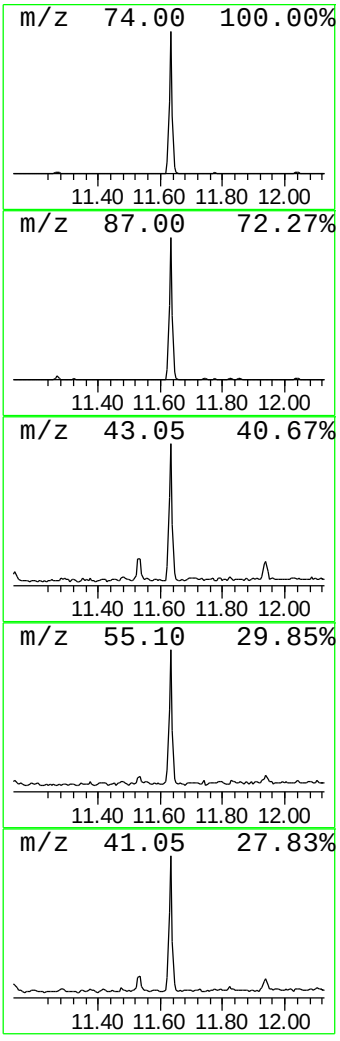
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	13.92 ng	720916	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
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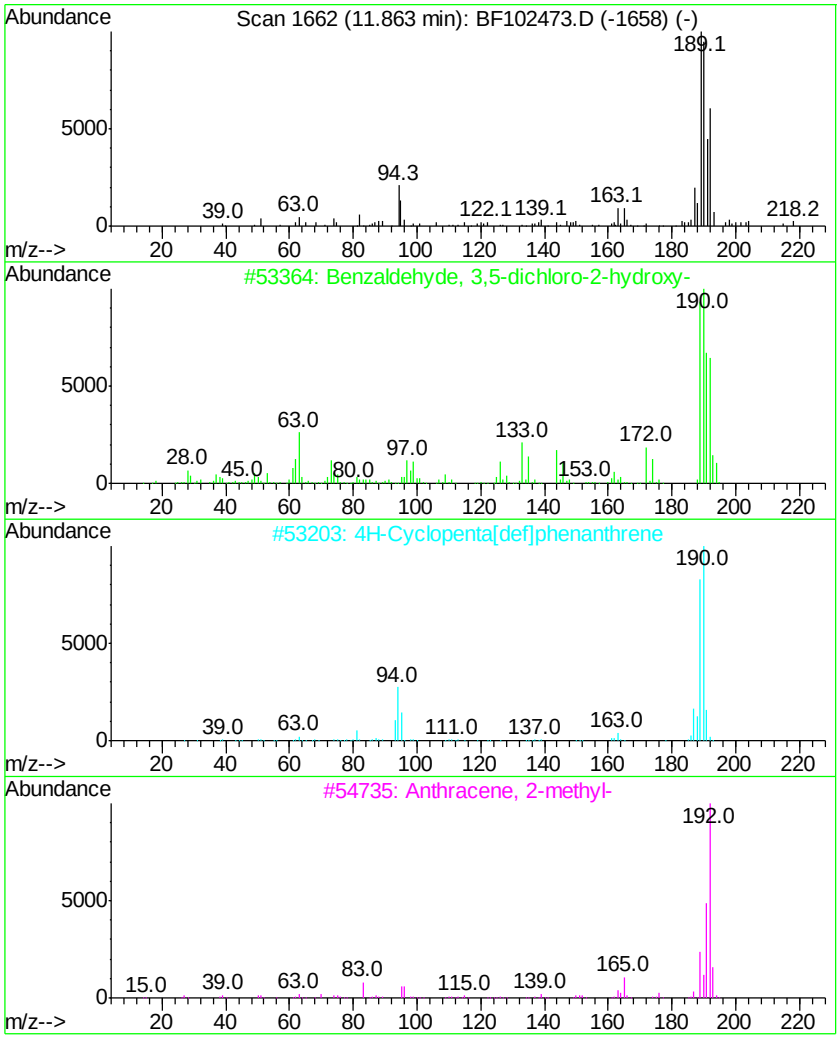
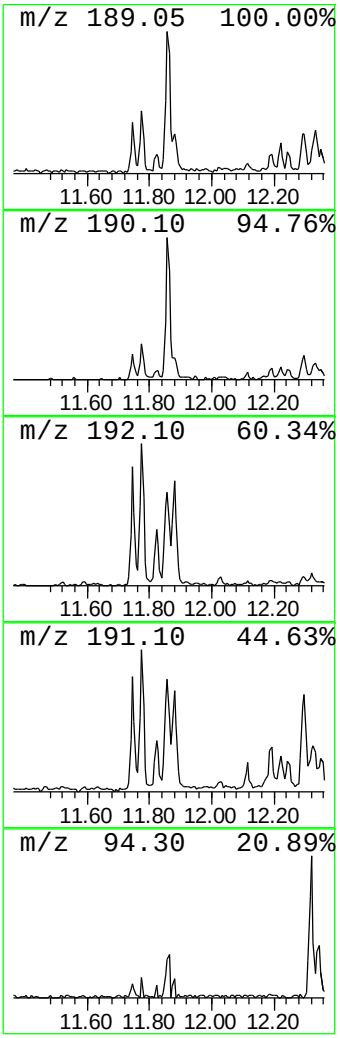
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.86 ng	148004	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Sample : J1020-15 5X
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Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

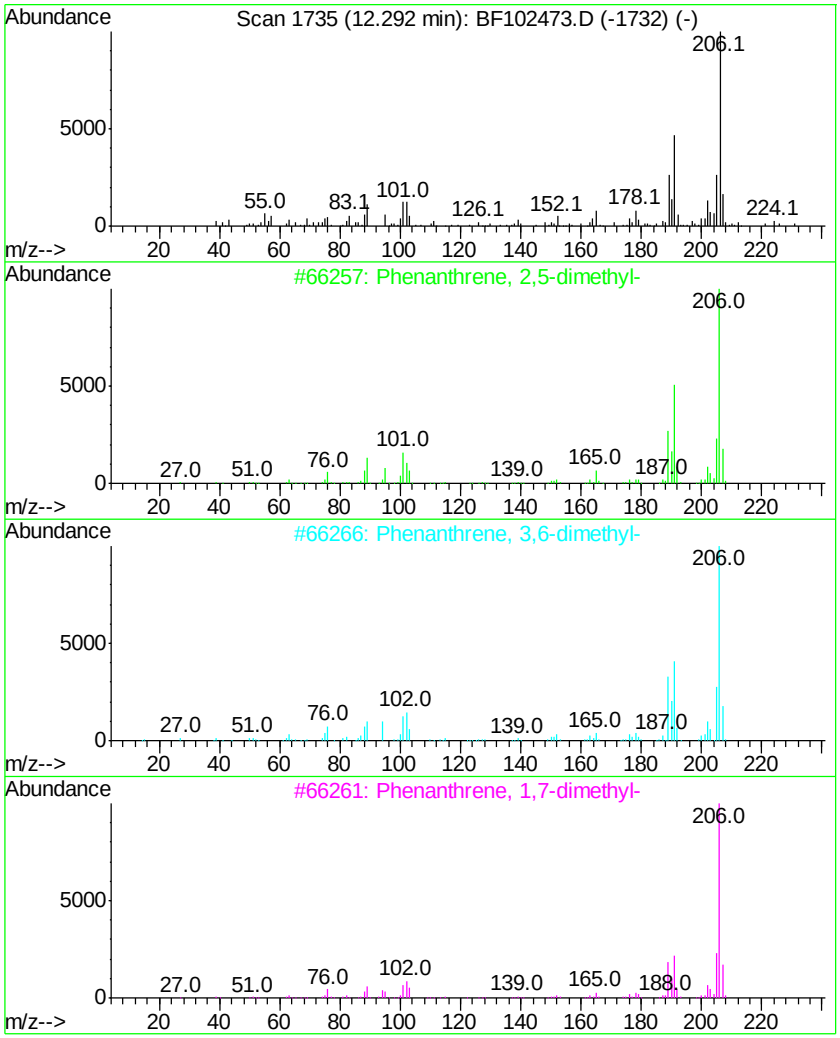
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

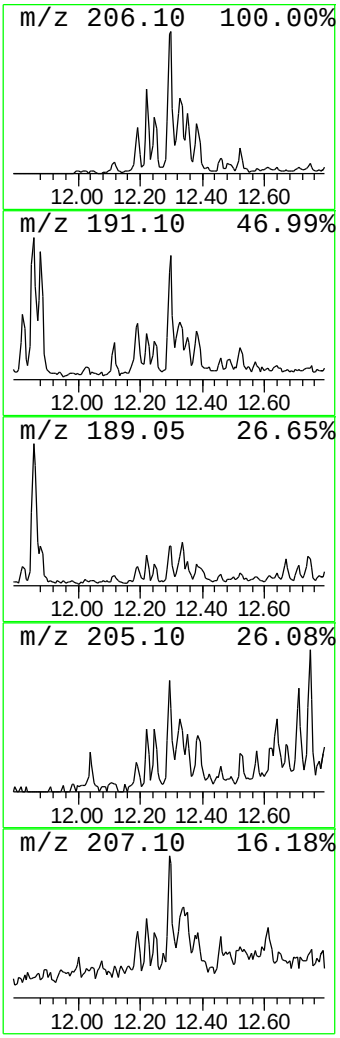
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.01 ng	104358	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

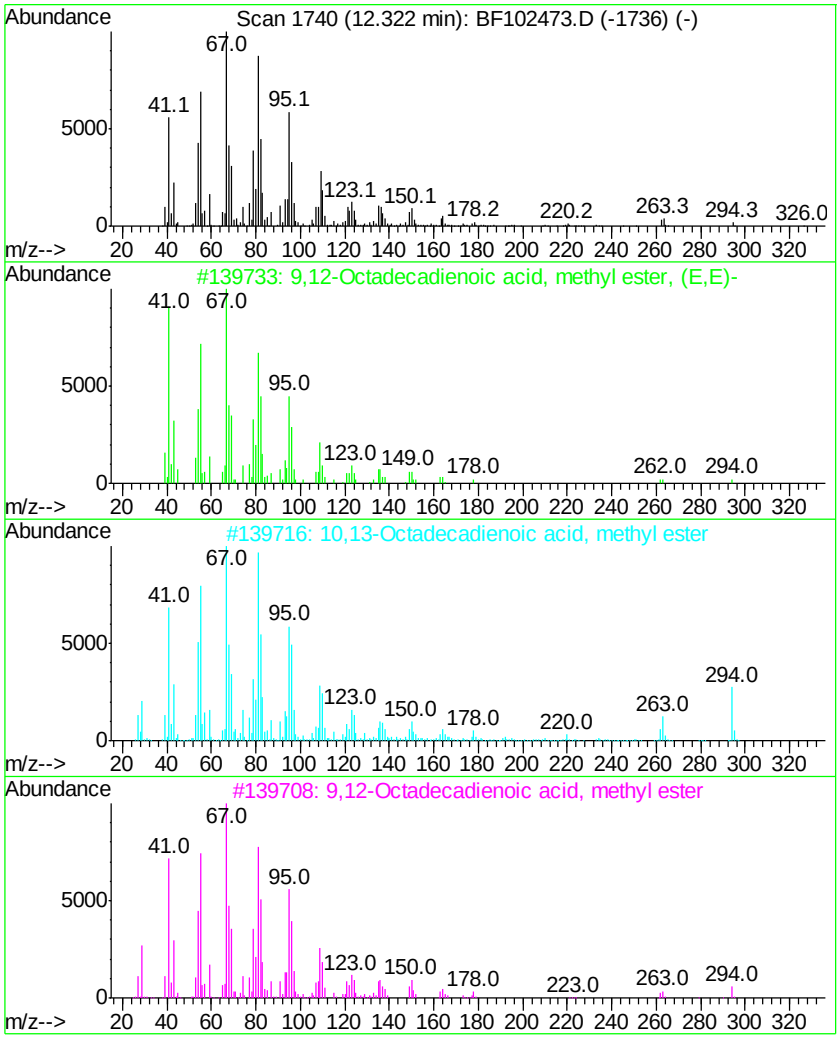
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

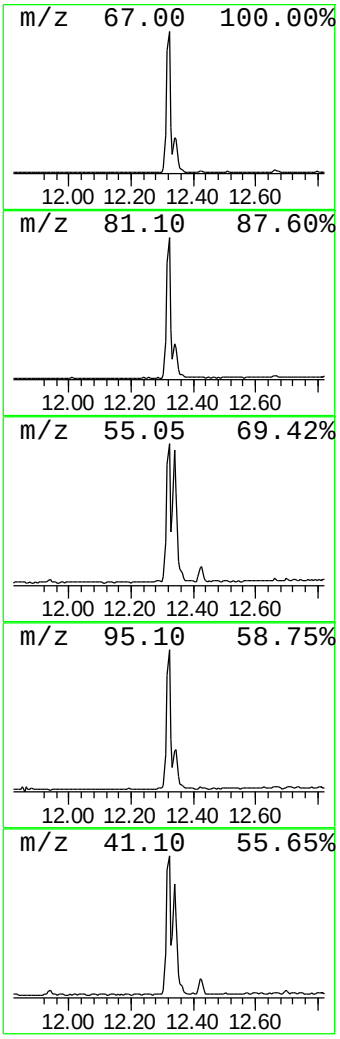
****

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	50.32 ng	2606610	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	96





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Sample : J1020-15 5X
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Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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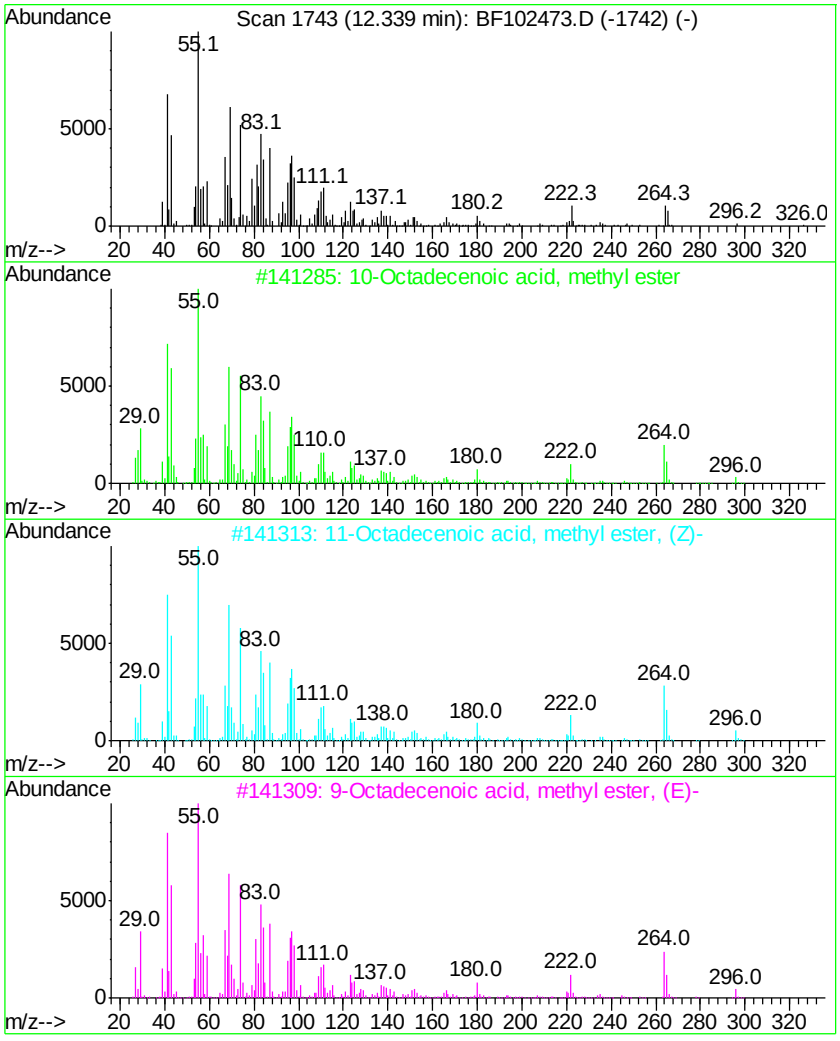
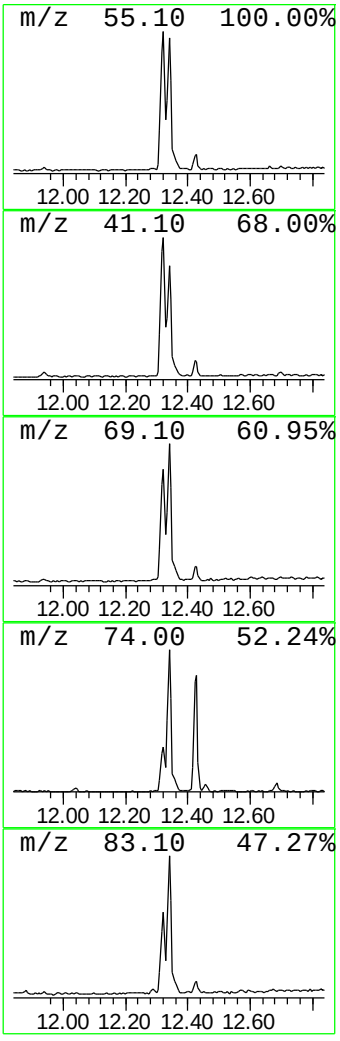
Peak Number 8 10-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	26.53 ng	1374200	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	98





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Data File : BF102473.D
Acq On : 26 Jan 2018 17:21
Operator : SJ/JU
Sample : J1020-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

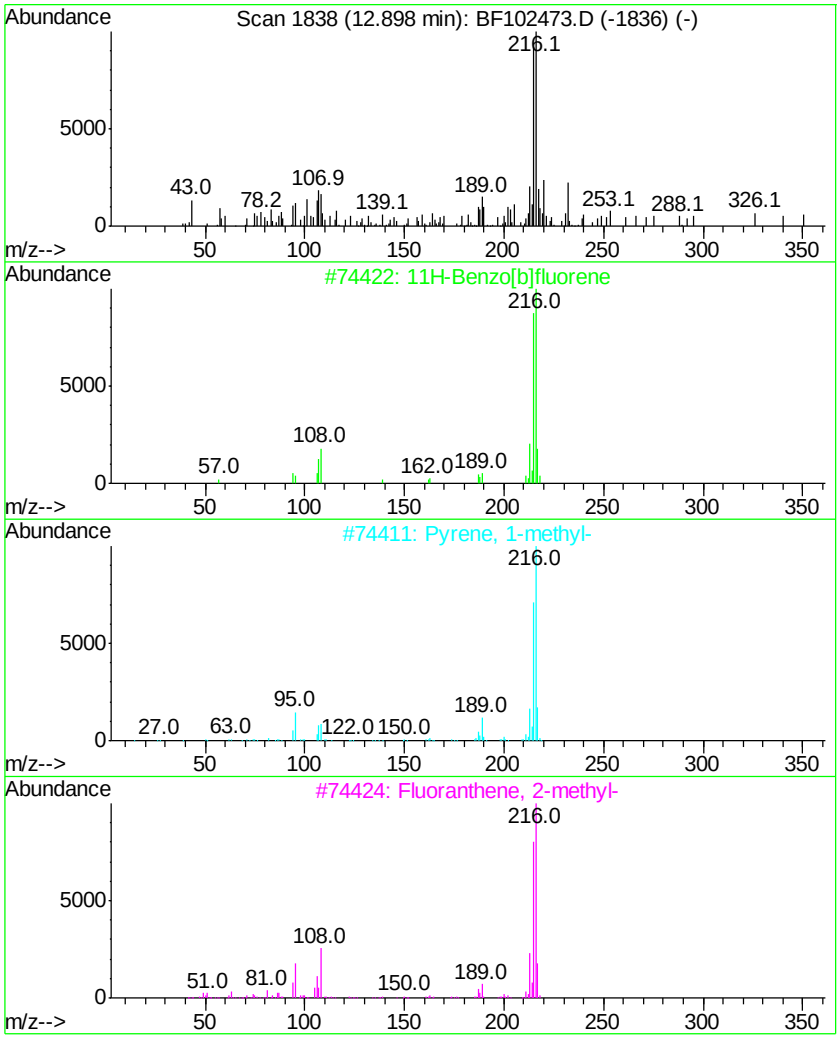
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

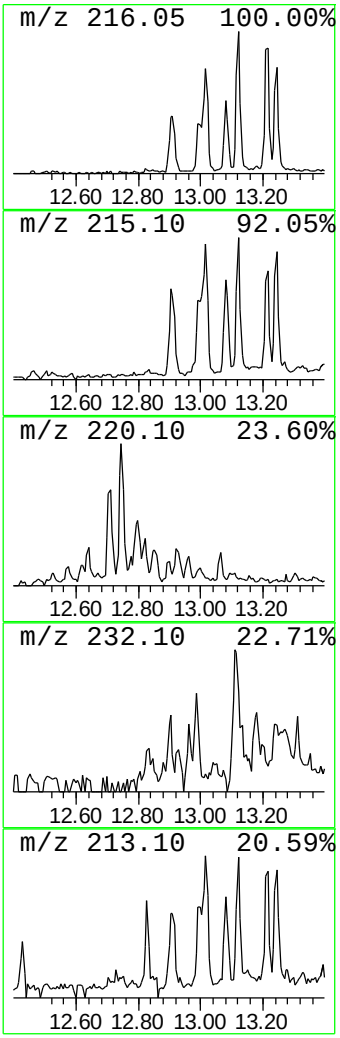
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.15 ng	116777	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102473.D
Acq On : 26 Jan 2018 17:21
Operator : SJ/JU
Sample : J1020-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

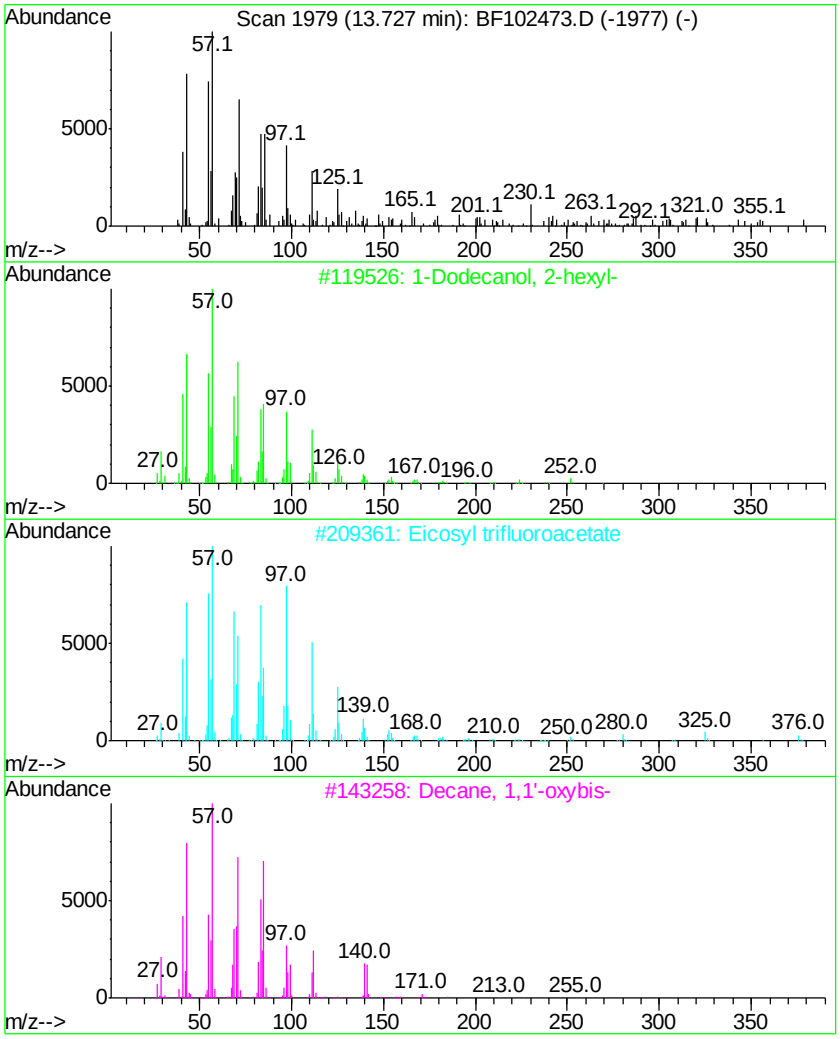
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

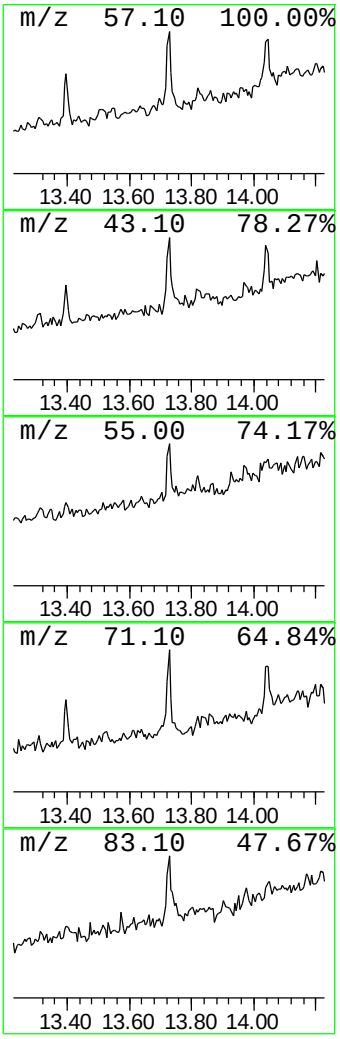
****

Peak Number 10 1-Dodecanol, 2-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.13 ng	115515	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	86
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	72
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	52





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102473.D
Acq On : 26 Jan 2018 17:21
Operator : SJ/JU
Sample : J1020-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	19.1	ng	871640	1	6.72	913807	20.0
Tridecane	10.66	4.0	ng	205361	4	11.25	1036080	20.0
Hexadecanoic acid...	11.63	13.9	ng	720916	4	11.25	1036080	20.0
Benzaldehyde, 3,5...	11.86	2.9	ng	148004	4	11.25	1036080	20.0
Phenanthrene, 2,5...	12.29	2.0	ng	104358	4	11.25	1036080	20.0
9,12-Octadecadien...	12.32	50.3	ng	2606610	4	11.25	1036080	20.0
10-Octadecenoic a...	12.34	26.5	ng	1374200	4	11.25	1036080	20.0
11H-Benzo[b]fluorene	12.90	2.1	ng	116777	5	13.89	1085920	20.0
1-Dodecanol, 2-he...	13.73	2.1	ng	115515	5	13.89	1085920	20.0