LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102668.D
Acq On : 31 Jan 2018 21:25
Operator : SJ/JU
Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

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	4.893	473	477	487	rBV	90706	122418	5.98%	0.502%
2	5.316	546	549	569	rBV	1800993	1982015	96.79%	8.120%
3	6.351	721	725	743	rBV	1919192	2047761	100.00%	8.390%
4	6.475	743	746	753	rVV	2175071	2001131	97.72%	8.199%
5	6.704	781	785	801	rVB	1076059	915420	44.70%	3.750%
6	6.857	807	811	825	rBV	1788400	1530228	74.73%	6.269%
7	7.275	878	882	897	rBV	1101536	1212221	59.20%	4.966%
8	7.987	999	1003	1014	rBV	1279760	1177823	57.52%	4.825%
9	8.698	1121	1124	1132	rBV	270929	267506	13.06%	1.096%
10	8.798	1137	1141	1148	rVB	166305	154143	7.53%	0.632%
11	9.063	1182	1186	1194	rBV	2081871	1870989	91.37%	7.665%
12	9.134	1194	1198	1201	rVV	44616	44395	2.17%	0.182%
13	9.163	1201	1203	1208	rVB	66617	58442	2.85%	0.239%
14	9.257	1217	1219	1227	rVB	28085	35804	1.75%	0.147%
15	9.328	1227	1231	1236	rBV2	65818	97219	4.75%	0.398%
16	9.398	1239	1243	1246	rVV	83149	101917	4.98%	0.418%
17	9.428	1246	1248	1250	rVV	53084	55824	2.73%	0.229%
18	9.457	1250	1253	1260	rVV	298382	268277	13.10%	1.099%
19	9.516	1260	1263	1272	rVB	48257	63442	3.10%	0.260%
20	9.598	1274	1277	1281	rBV	52775	52716	2.57%	0.216%
21	9.663	1285	1288	1292	rBV	91358	74127	3.62%	0.304%
22	9.739	1295	1301	1304	rVV	1256229	1073706	52.43%	4.399%
23	9.769	1304	1306	1311	rVB	286125	241104	11.77%	0.988%
24	9.839	1316	1318	1323	rVB2	21454	24278	1.19%	0.099%
25	9.892	1323	1327	1330	rBV3	25192	32076	1.57%	0.131%
26	9.945	1333	1336	1340	rVV	193419	180333	8.81%	0.739%
27	9.981	1340	1342	1347	rVV3	43231	41651	2.03%	0.171%
28	10.057	1350	1355	1358	rVB4	16884	22399	1.09%	0.092%
29	10.133	1365	1368	1370	rBV2	23468	23228	1.13%	0.095%
30	10.163	1370	1373	1376	rVB	112274	87578	4.28%	0.359%
31	10.286	1391	1394	1400	rVB	178249	162073	7.91%	0.664%
32	10.375	1406	1409	1415	rVV3	34479	42203	2.06%	0.173%
33	10.439	1418	1420	1423	rVB	25530	24699	1.21%	0.101%
34	10.528	1432	1435	1447	rVB	839146	872453	42.61%	3.574%

LSC Area Percent Report

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Acq On : 31 Jan 2018 21:25
Operator : SJ/JU
Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

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	10.633	1450	1453	1457	rBV	87767	97781	4.78%	0.401%
36	10.833	1483	1487	1490	rBV4	27127	36971	1.81%	0.151%
37	11.039	1519	1522	1525	rBV	38497	34602	1.69%	0.142%
38	11.080	1526	1529	1531	rVV2	53996	45642	2.23%	0.187%
39	11.122	1531	1536	1541	rVB2	54424	70486	3.44%	0.289%
40	11.222	1550	1553	1556	rBV	837877	867138	42.35%	3.553%
41	11.245	1556	1557	1563	rVV	631982	539419	26.34%	2.210%
42	11.298	1563	1566	1572	rVB	176320	178509	8.72%	0.731%
43	11.463	1590	1594	1599	rBV	62738	88478	4.32%	0.362%
44	11.504	1599	1601	1605	rVB2	22058	25661	1.25%	0.105%
45	11.727	1635	1639	1641	rBV	64320	64230	3.14%	0.263%
46	11.757	1641	1644	1649	rVB	87796	94802	4.63%	0.388%
47	11.804	1649	1652	1654	rBV	35979	34825	1.70%	0.143%
48	11.839	1654	1658	1660	rBV	86005	90882	4.44%	0.372%
49	11.910	1667	1670	1673	rBV3	22123	22768	1.11%	0.093%
50	12.022	1686	1689	1692	rBV	38083	38144	1.86%	0.156%
51	12.063	1693	1696	1699	rVV3	38834	37734	1.84%	0.155%
52	12.275	1729	1732	1733	rBV	42279	40548	1.98%	0.166%
53	12.316	1737	1739	1741	rVV3	47213	43573	2.13%	0.179%
54	12.369	1744	1748	1751	rBV2	36923	45735	2.23%	0.187%
55	12.439	1756	1760	1764	rBV	571919	538591	26.30%	2.207%
56	12.586	1782	1785	1788	rBV2	31488	35593	1.74%	0.146%
57	12.669	1793	1799	1805	rVV	463430	559825	27.34%	2.294%
58	12.804	1817	1822	1826	rBV	1404894	1285467	62.77%	5.267%
59	12.880	1832	1835	1840	rBV3	37724	64426	3.15%	0.264%
60	12.992	1852	1854	1859	rVB	59013	55959	2.73%	0.229%
61	13.057	1863	1865	1868	rBV	43013	45724	2.23%	0.187%
62	13.098	1869	1872	1879	rVB3	41653	66378	3.24%	0.272%
63	13.510	1940	1942	1944	rBV	48687	36069	1.76%	0.148%
64	13.616	1958	1960	1962	rBV	57604	51912	2.54%	0.213%
65	13.692	1970	1973	1976	rBV2	129086	140300	6.85%	0.575%
66	13.863	1998	2002	2005	rBV2	927563	1095976	53.52%	4.490%
67	13.892	2005	2007	2011	rVB	221426	194546	9.50%	0.797%
68	14.886	2173	2176	2179	rBV	163626	220132	10.75%	0.902%
69	15.292	2241	2245	2249	rBV	483359	557946	27.25%	2.286%

Sum of corrected areas: 24408371

LSC Report - Integrated Chromatogram

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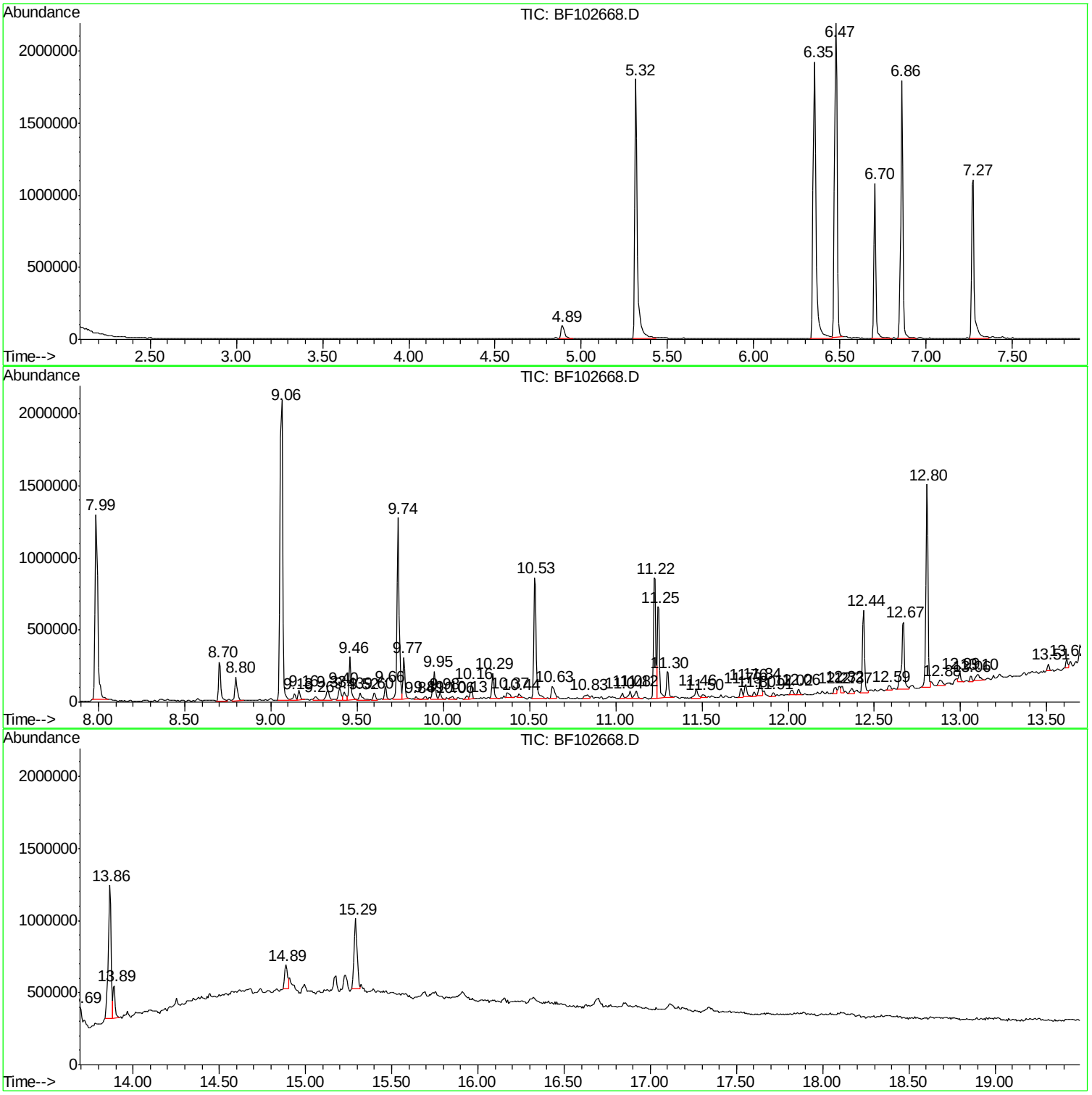
Operator : SJ/JU
Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

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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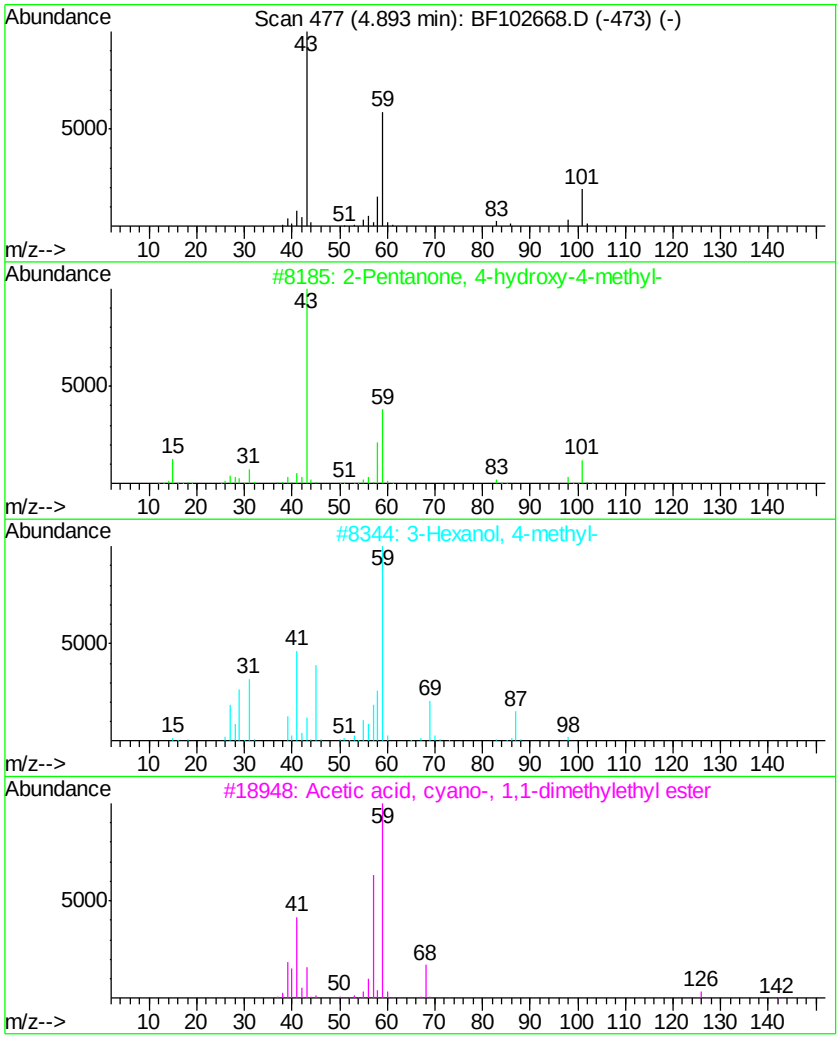
TIC Integration Parameters: LSCINT.P

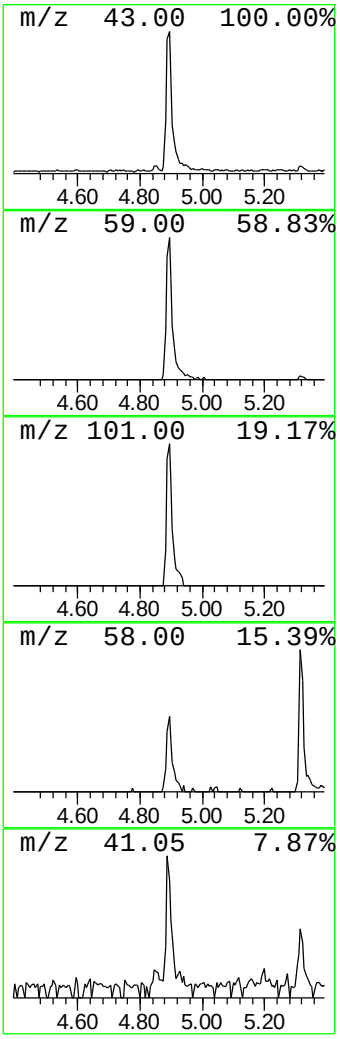
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.67 ng	122418	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
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Acq On : 31 Jan 2018 21:25
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Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

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
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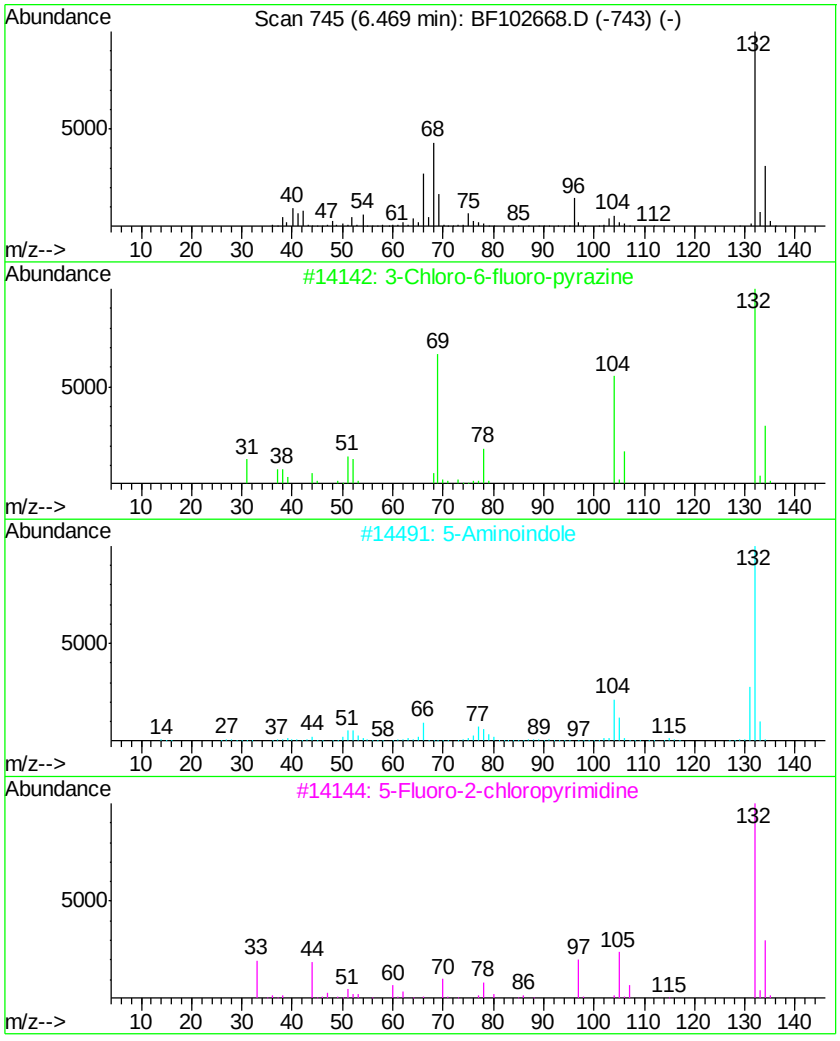
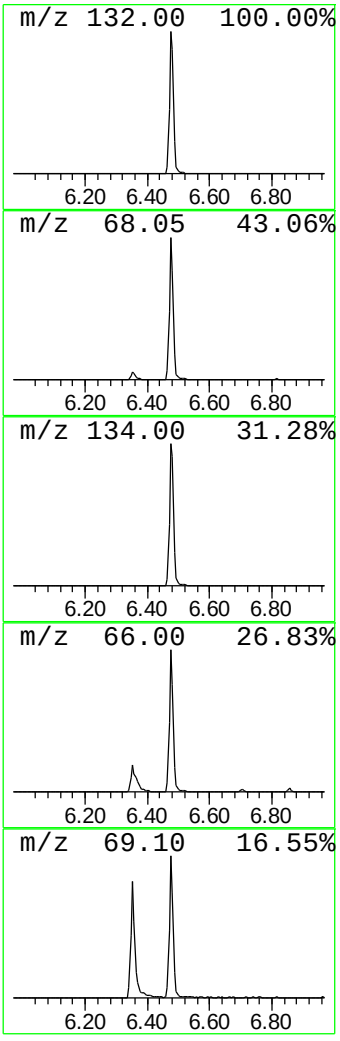
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	43.72 ng	2001130	1,4-Dichlorobenzene-d4	6.70

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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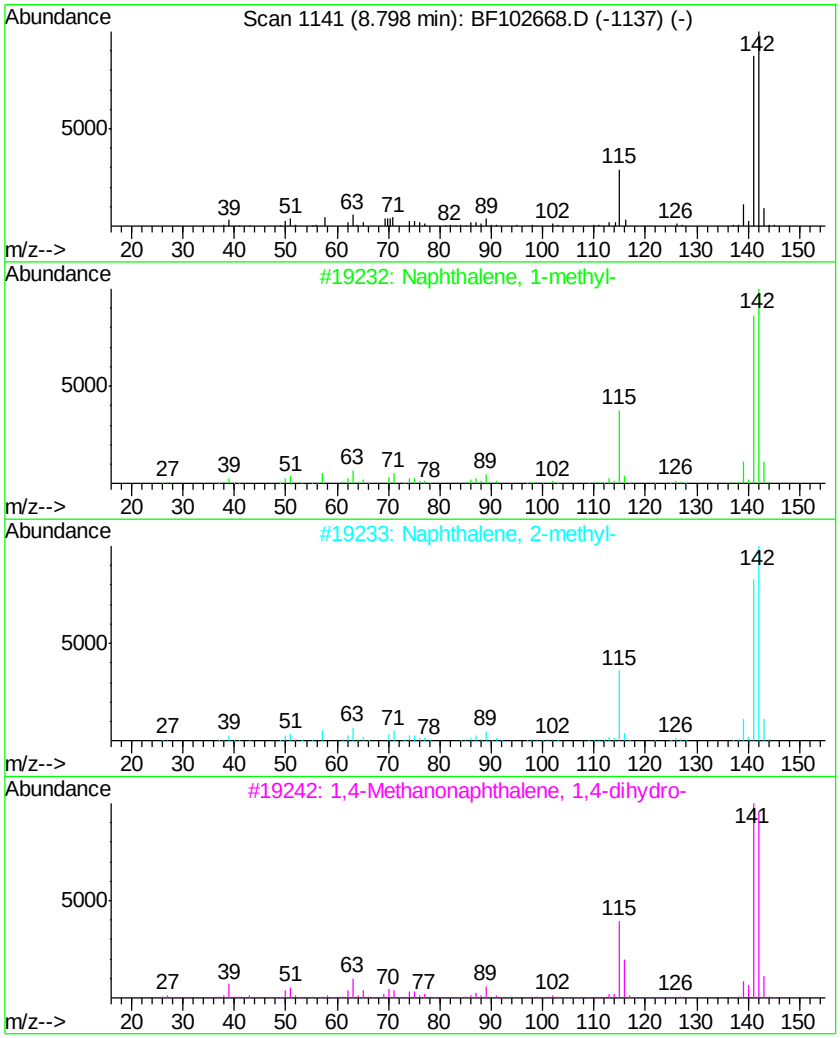
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

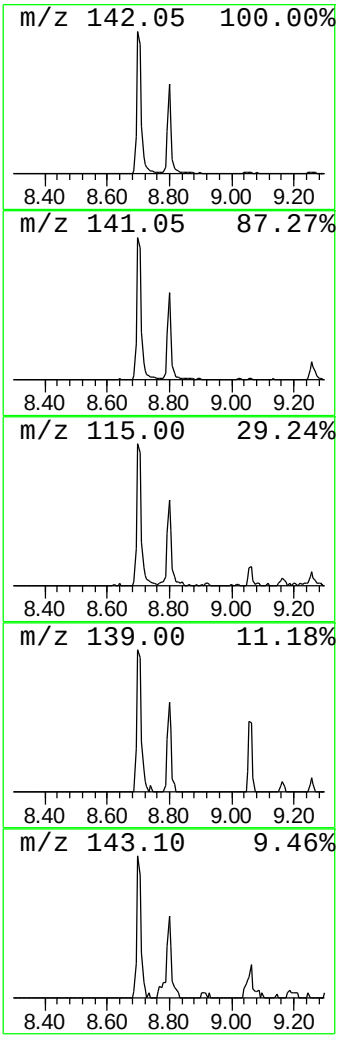
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.62 ng	154143	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





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TIC Library : C:\DATABASE\NIST11.L
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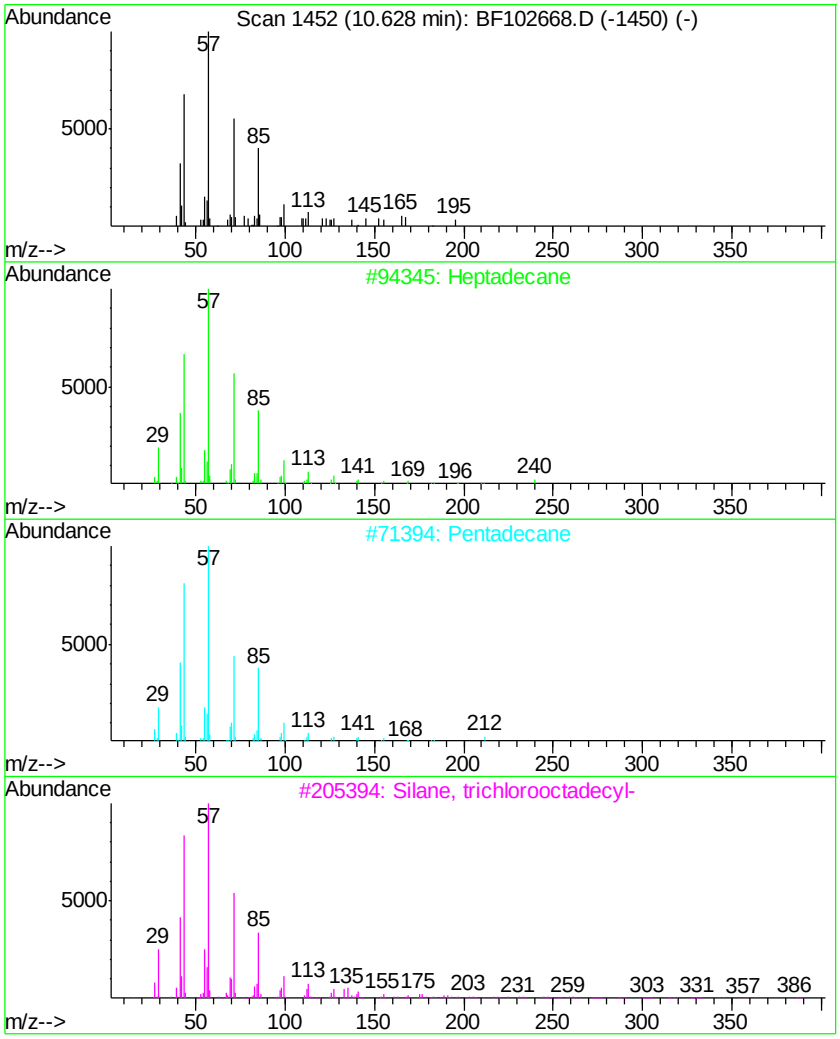
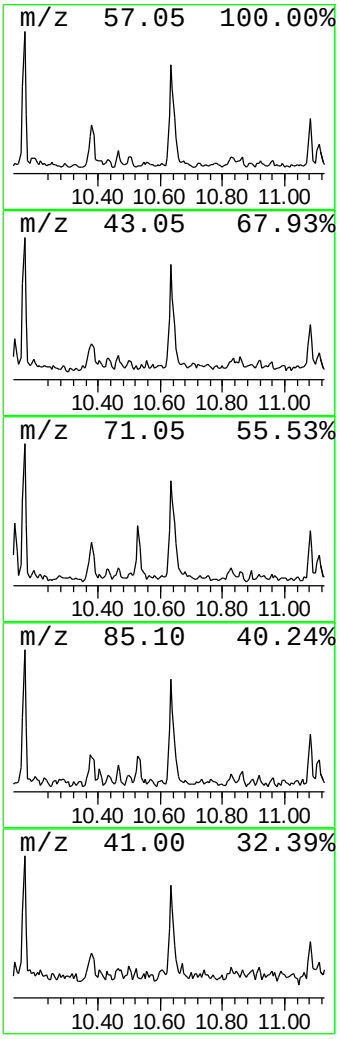
****

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.26 ng	97781	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octacosane	394	C28H58	000630-02-4	87





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Misc :
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Instrument : BNA_F
ClientSampleId : BU-02-013018

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

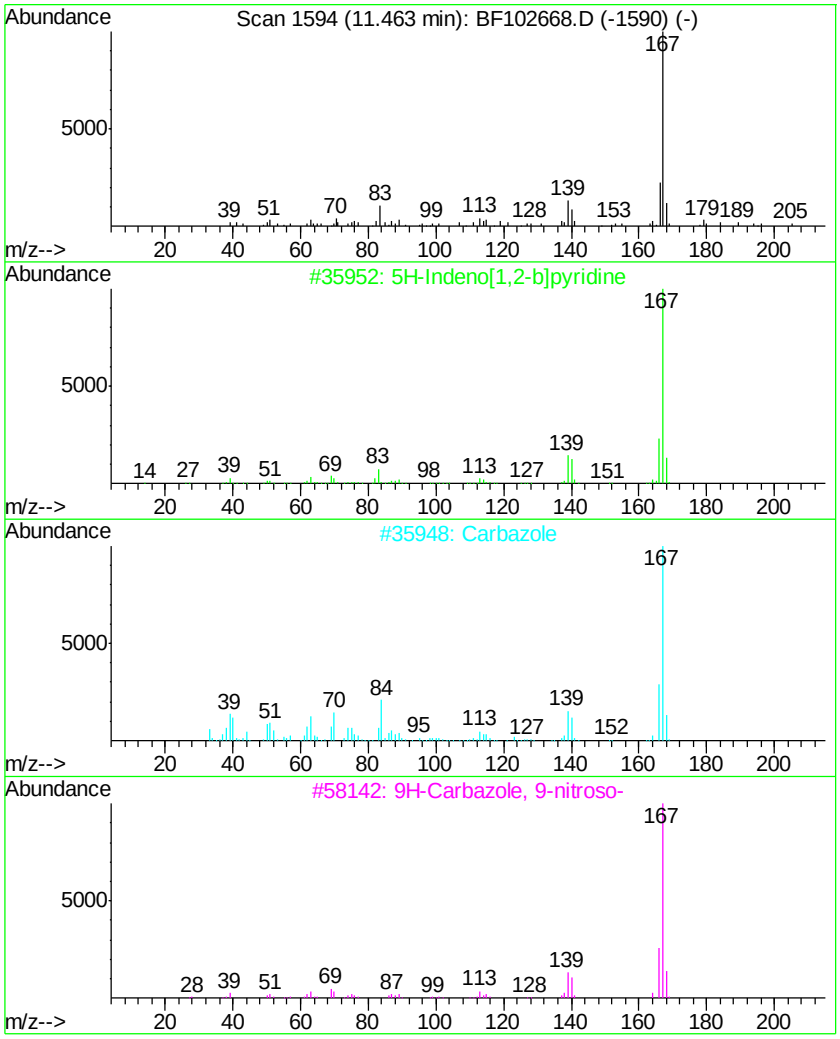
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

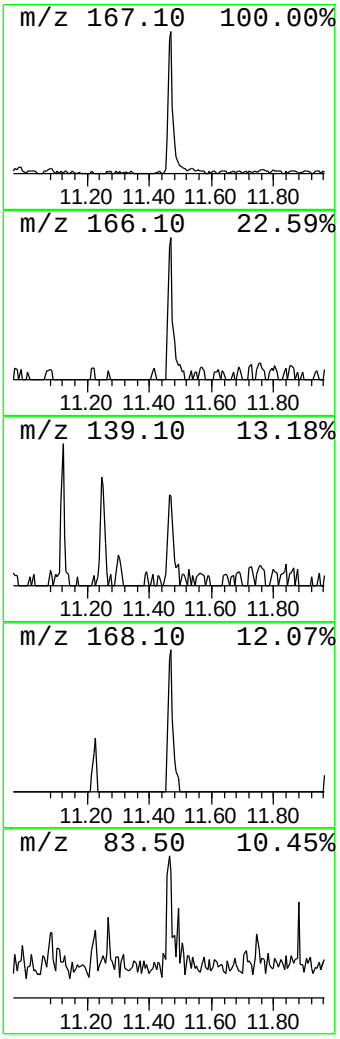
****

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.04 ng	88478	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
2	Carbazole	167	C12H9N	000086-74-8	91
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	91
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	83
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	72





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Misc :
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Instrument : BNA_F
ClientSampleId : BU-02-013018

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

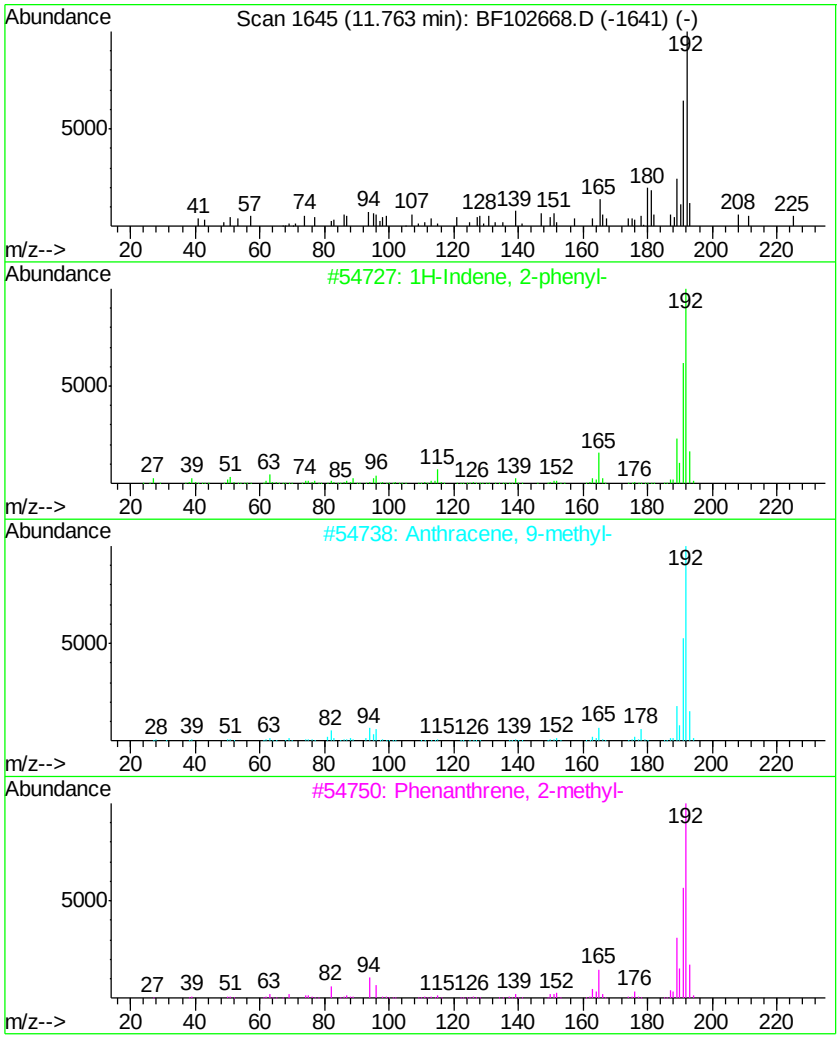
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

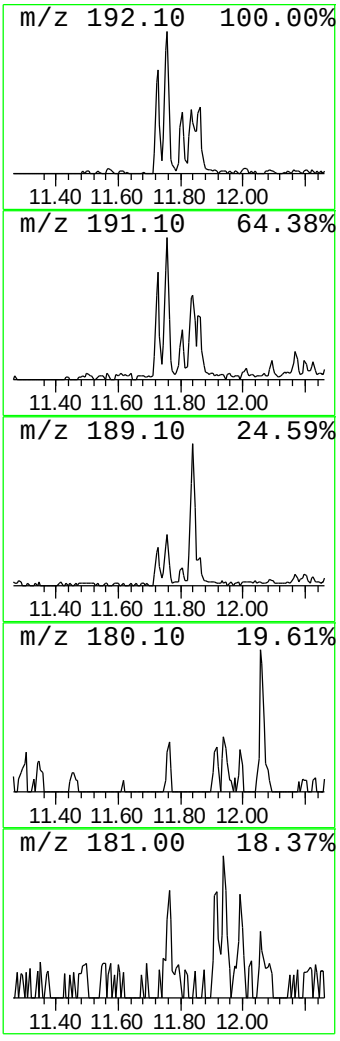
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.19 ng	94802	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102668.D
Acq On : 31 Jan 2018 21:25
Operator : SJ/JU
Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

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

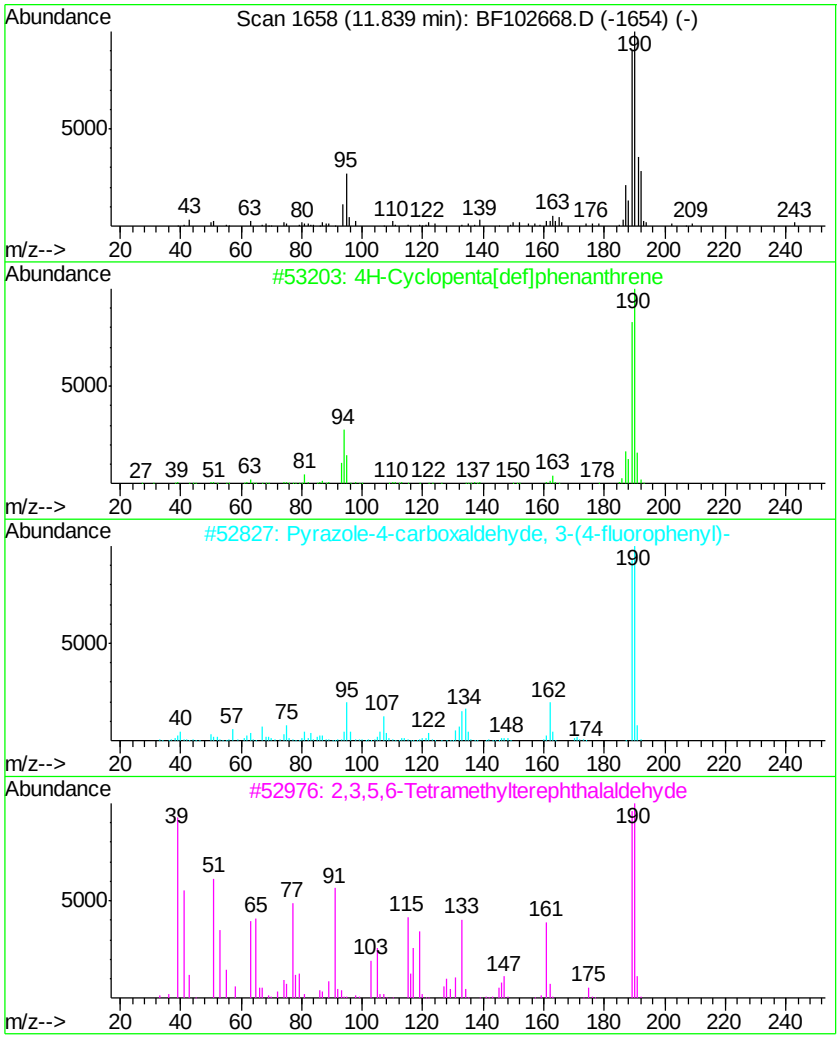
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

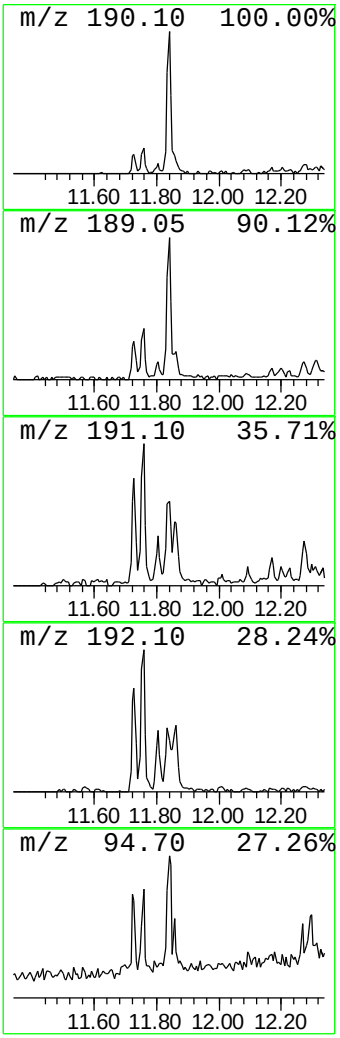
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.10 ng	90882	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102668.D
Acq On : 31 Jan 2018 21:25
Operator : SJ/JU
Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

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

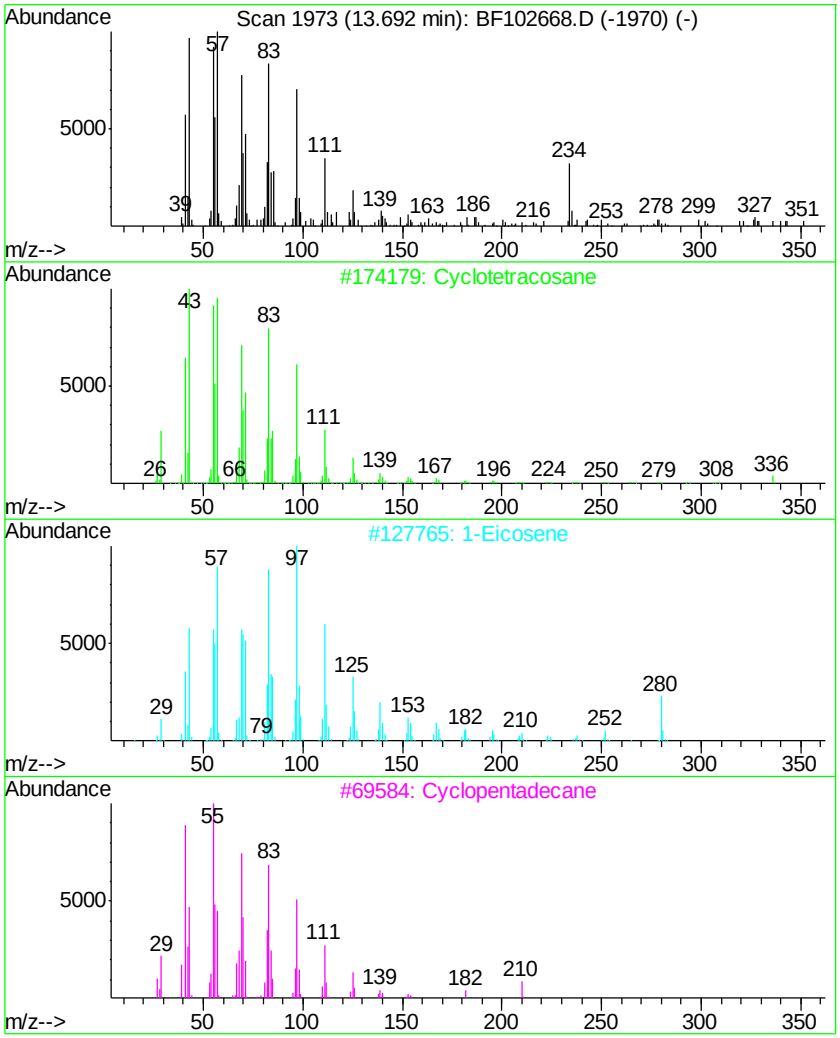
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

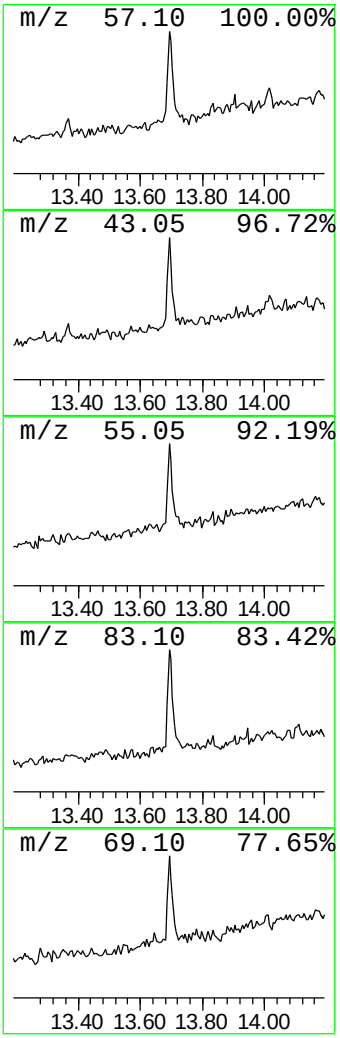
****

Peak Number 9 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.56 ng	140300	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Eicosene	280	C20H40	003452-07-1	96
3	Cyclopentadecane	210	C15H30	000295-48-7	95
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102668.D
Acq On : 31 Jan 2018 21:25
Operator : SJ/JU
Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-013018

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
2-Pentanone, 4-hy...	4.89	2.7	ng	122418	1	6.70	915420	20.0
unknown6.47	6.47	43.7	ng	2001130	1	6.70	915420	20.0
Naphthalene, 1-me...	8.80	2.6	ng	154143	2	7.99	1177820	20.0
Heptadecane	10.63	2.3	ng	97781	4	11.23	867138	20.0
5H-Indeno[1,2-b]p...	11.46	2.0	ng	88478	4	11.23	867138	20.0
1H-Indene, 2-phenyl-	11.76	2.2	ng	94802	4	11.23	867138	20.0
4H-Cyclopenta[def...	11.84	2.1	ng	90882	4	11.23	867138	20.0
Cyclotetracosane	13.69	2.6	ng	140300	5	13.86	1095980	20.0