LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

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-BF020318.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	2.110	3	4	12	rVB	152398	150765	11.56%	0.905%
2	5.093	508	511	519	rBV	14535	18252	1.40%	0.110%
3	5.487	575	578	594	rBV	788869	781180	59.89%	4.687%
4	6.498	746	750	760	rBV	877351	807585	61.91%	4.845%
5	6.639	771	774	782	rBV	873415	815882	62.55%	4.895%
6	6.875	810	814	820	rBV	1252262	1021574	78.31%	6.129%
7	7.028	835	840	849	rBV	680289	621097	47.61%	3.727%
8	7.434	906	909	918	rBV	501892	471587	36.15%	2.829%
9	8.133	1025	1028	1029	rBV	19913	18438	1.41%	0.111%
10	8.157	1029	1032	1038	rVV	1472496	1304446	100.00%	7.827%
11	8.210	1038	1041	1044	rVV2	48581	62074	4.76%	0.372%
12	8.239	1044	1046	1054	rVB7	14868	22594	1.73%	0.136%
13	8.357	1063	1066	1070	rVB2	20466	15493	1.19%	0.093%
14	8.445	1074	1081	1086	rBV7	23324	34935	2.68%	0.210%
15	8.569	1099	1102	1105	rBV	63963	46680	3.58%	0.280%
16	8.657	1115	1117	1120	rVB2	16496	14113	1.08%	0.085%
17	8.692	1120	1123	1126	rBV3	17390	20475	1.57%	0.123%
18	8.739	1128	1131	1135	rVB3	27695	26305	2.02%	0.158%
19	8.875	1151	1154	1156	rBV3	16438	18511	1.42%	0.111%
20	8.933	1161	1164	1166	rBV4	11275	16164	1.24%	0.097%
21	8.969	1168	1170	1174	rVV2	34810	39985	3.07%	0.240%
22	9.033	1177	1181	1183	rBV5	11549	17136	1.31%	0.103%
23	9.057	1183	1185	1190	rVB5	17215	19548	1.50%	0.117%
24	9.098	1190	1192	1198	rBV7	16051	21033	1.61%	0.126%
25	9.169	1202	1204	1211	rVB	84273	65744	5.04%	0.394%
26	9.228	1211	1214	1223	rBV	904649	805629	61.76%	4.834%
27	9.304	1224	1227	1230	rBV	66461	64823	4.97%	0.389%
28	9.380	1237	1240	1242	rVB4	20331	20479	1.57%	0.123%
29	9.498	1256	1260	1264	rBV2	42121	60994	4.68%	0.366%
30	9.569	1269	1272	1275	rVV	64152	74706	5.73%	0.448%
31	9.622	1278	1281	1285	rVV3	128342	134734	10.33%	0.808%
32	9.686	1289	1292	1294	rBV2	33380	33669	2.58%	0.202%
33	9.775	1304	1307	1310	rBV2	55304	51747	3.97%	0.310%
34	9.833	1313	1317	1322	rVB	74400	73168	5.61%	0.439%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.916	1327	1331	1334	rVV	1343715	1212176	92.93%	7.273%
36	9.945	1334	1336	1340	rVB	90437	77665	5.95%	0.466%
37	10.016	1345	1348	1352	rVB4	25517	37558	2.88%	0.225%
38	10.069	1352	1357	1359	rBV4	23697	37219	2.85%	0.223%
39	10.116	1362	1365	1369	rVB3	47707	59430	4.56%	0.357%
40	10.157	1369	1372	1376	rBV2	51000	57113	4.38%	0.343%
41	10.186	1376	1377	1381	rVB2	17472	15119	1.16%	0.091%
42	10.227	1381	1384	1387	rBV2	39028	41094	3.15%	0.247%
43	10.257	1387	1389	1391	rVV2	22405	19512	1.50%	0.117%
44	10.333	1395	1402	1405	rBV2	87411	104019	7.97%	0.624%
45	10.463	1421	1424	1430	rVB	65364	70136	5.38%	0.421%
46	10.551	1436	1439	1442	rVV	59652	53427	4.10%	0.321%
47	10.610	1446	1449	1453	rBV5	14739	22703	1.74%	0.136%
48	10.704	1462	1465	1475	rVB	372273	394007	30.20%	2.364%
49	10.822	1480	1485	1492	rVB3	113107	178487	13.68%	1.071%
50	10.874	1492	1494	1497	rBV	38918	42950	3.29%	0.258%
51	10.910	1497	1500	1503	rVB3	28670	36591	2.81%	0.220%
52	10.945	1503	1506	1508	rBV	37688	30066	2.30%	0.180%
53	11.010	1513	1517	1519	rVV3	28507	47772	3.66%	0.287%
54	11.057	1523	1525	1529	rVB4	33988	34298	2.63%	0.206%
55	11.092	1529	1531	1534	rVB	56125	40872	3.13%	0.245%
56	11.133	1536	1538	1543	rVB5	22847	23428	1.80%	0.141%
57	11.257	1556	1559	1561	rBV	56292	50628	3.88%	0.304%
58	11.286	1561	1564	1570	rVB2	76782	114783	8.80%	0.689%
59	11.404	1580	1584	1586	rBV	1203521	1033388	79.22%	6.200%
60	11.427	1586	1588	1594	rVV	292346	269539	20.66%	1.617%
61	11.480	1594	1597	1600	rVV	94687	91185	6.99%	0.547%
62	11.510	1600	1602	1608	rVB6	17383	29087	2.23%	0.175%
63	11.633	1620	1623	1627	rBV5	33448	44328	3.40%	0.266%
64	11.680	1628	1631	1635	rVV2	55636	59044	4.53%	0.354%
65	11.733	1637	1640	1645	rVV2	36114	50292	3.86%	0.302%
66	11.780	1646	1648	1651	rVB3	23602	18848	1.44%	0.113%
67	11.816	1651	1654	1657	rBV3	24024	27438	2.10%	0.165%
68	11.904	1666	1669	1672	rBV	63190	70870	5.43%	0.425%
69	11.933	1672	1674	1677	rVV	65449	58173	4.46%	0.349%
70	11.980	1679	1682	1685	rVV	31265	29670	2.27%	0.178%
71	12.016	1685	1688	1691	rVV2	105378	123165	9.44%	0.739%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.039	1691	1692	1695	rVB	44298	24759	1.90%	0.149%
73	12.086	1698	1700	1704	rBV	50695	46109	3.53%	0.277%
74	12.139	1706	1709	1711	rBV3	19939	23036	1.77%	0.138%
75	12.198	1716	1719	1722	rBV	36621	37629	2.88%	0.226%
76	12.333	1739	1742	1743	rBV3	19149	20234	1.55%	0.121%
77	12.374	1746	1749	1752	rBV3	30169	32979	2.53%	0.198%
78	12.451	1759	1762	1764	rBV	56054	59933	4.59%	0.360%
79	12.474	1764	1766	1771	rVB4	67467	108186	8.29%	0.649%
80	12.574	1781	1783	1787	rVB3	30166	31032	2.38%	0.186%
81	12.616	1787	1790	1794	rBV	416220	363995	27.90%	2.184%
82	12.716	1805	1807	1809	rBV2	24144	18259	1.40%	0.110%
83	12.768	1814	1816	1819	rVV2	39422	42427	3.25%	0.255%
84	12.845	1823	1829	1836	rBV	449864	530268	40.65%	3.182%
85	12.898	1836	1838	1842	rVB3	35082	43168	3.31%	0.259%
86	12.980	1849	1852	1856	rBV	629377	537322	41.19%	3.224%
87	13.063	1863	1866	1871	rBV5	31591	59326	4.55%	0.356%
88	13.174	1883	1885	1888	rVB	75002	59290	4.55%	0.356%
89	13.204	1888	1890	1894	rBV	69733	63087	4.84%	0.379%
90	13.239	1894	1896	1899	rVB	65159	55444	4.25%	0.333%
91	13.280	1901	1903	1907	rVB2	45057	45798	3.51%	0.275%
92	13.545	1946	1948	1951	rBV	66208	71081	5.45%	0.426%
93	13.874	2002	2004	2007	rVB	76724	66526	5.10%	0.399%
94	14.045	2029	2033	2036	rBV2	931658	978118	74.98%	5.869%
95	14.074	2036	2038	2041	rVB	131972	106918	8.20%	0.641%
96	14.192	2056	2058	2064	rBV2	70458	73720	5.65%	0.442%
97	15.539	2283	2287	2294	rVB	536372	690649	52.95%	4.144%

Sum of corrected areas: 16666918

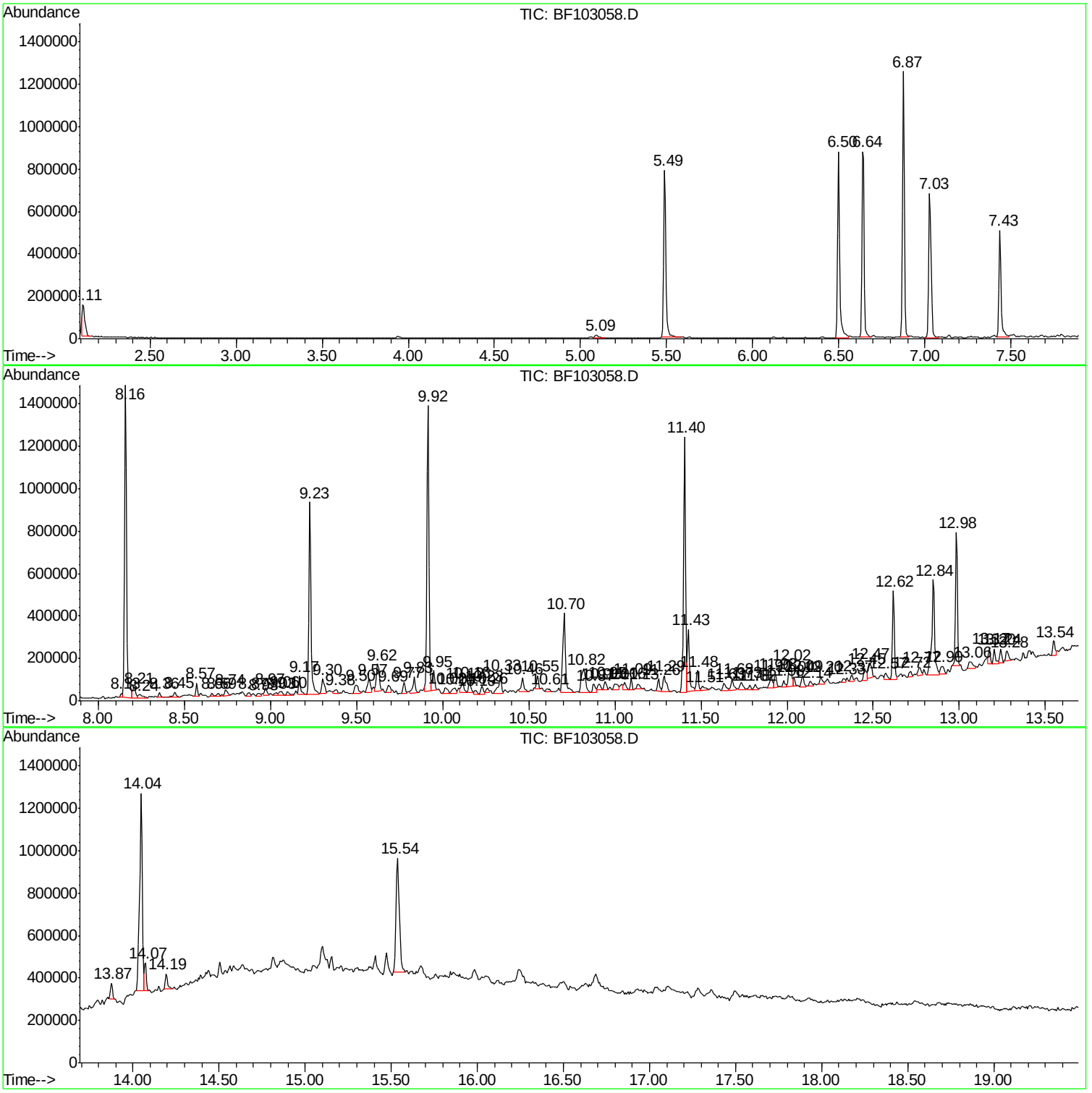
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

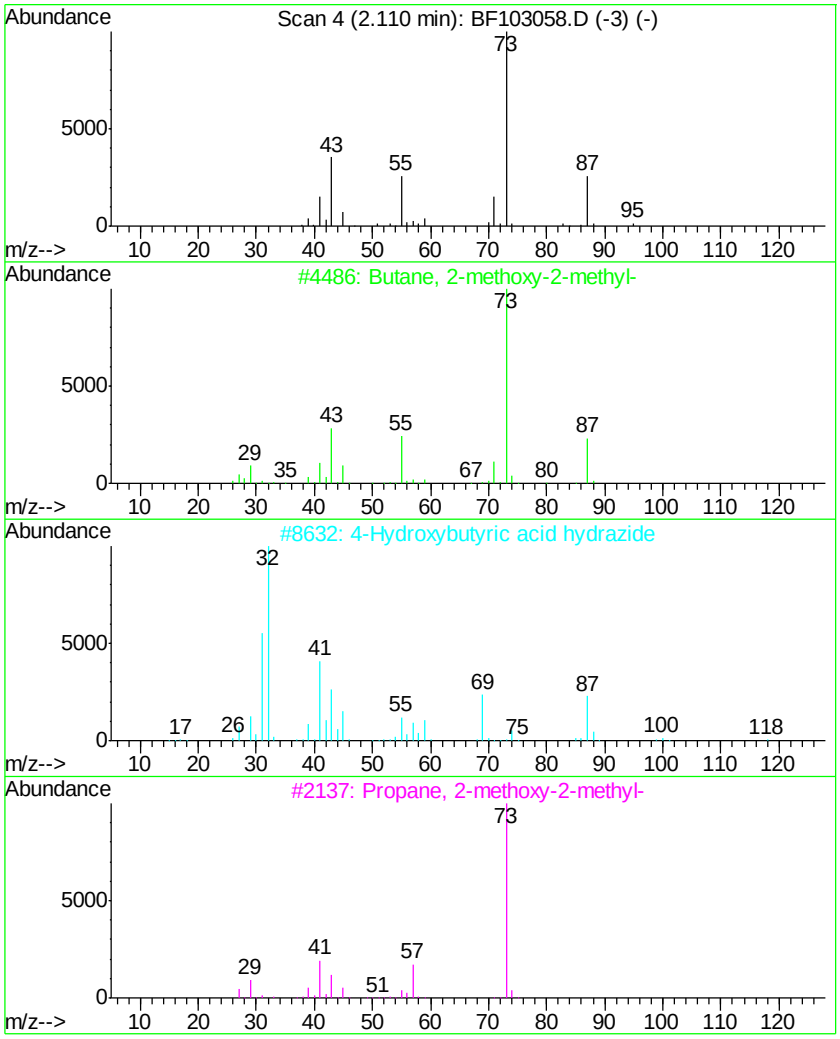
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

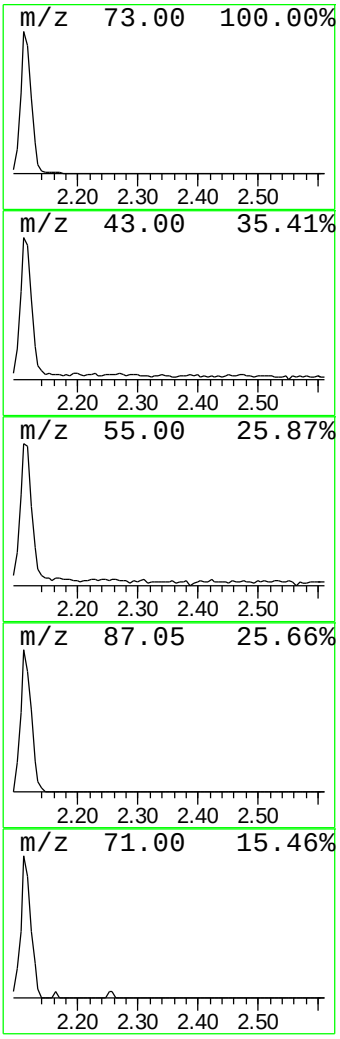
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	2.95 ng	150765	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	72
2	4-Hydroxybutyric acid hydrazide	118	C4H10N2O2	003879-08-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

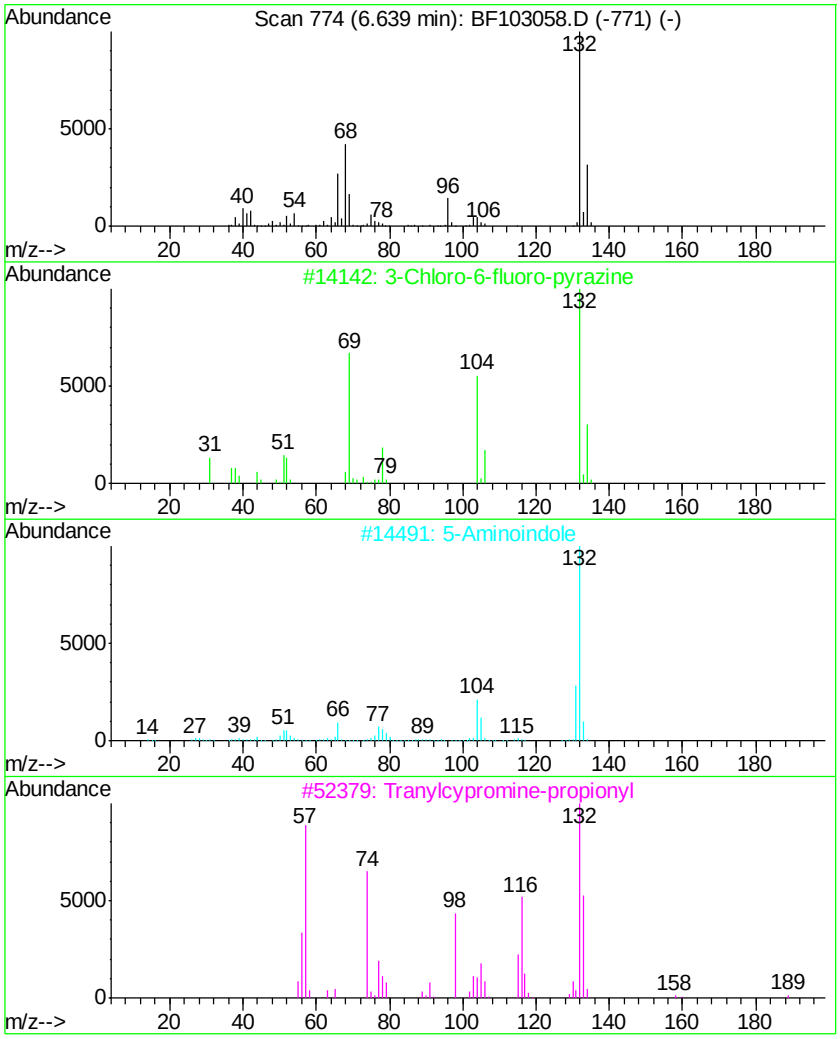
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

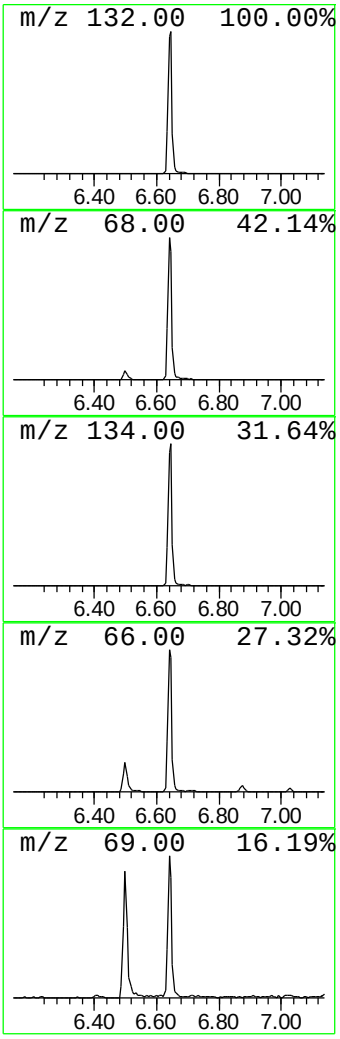
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	15.97 ng	815882	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	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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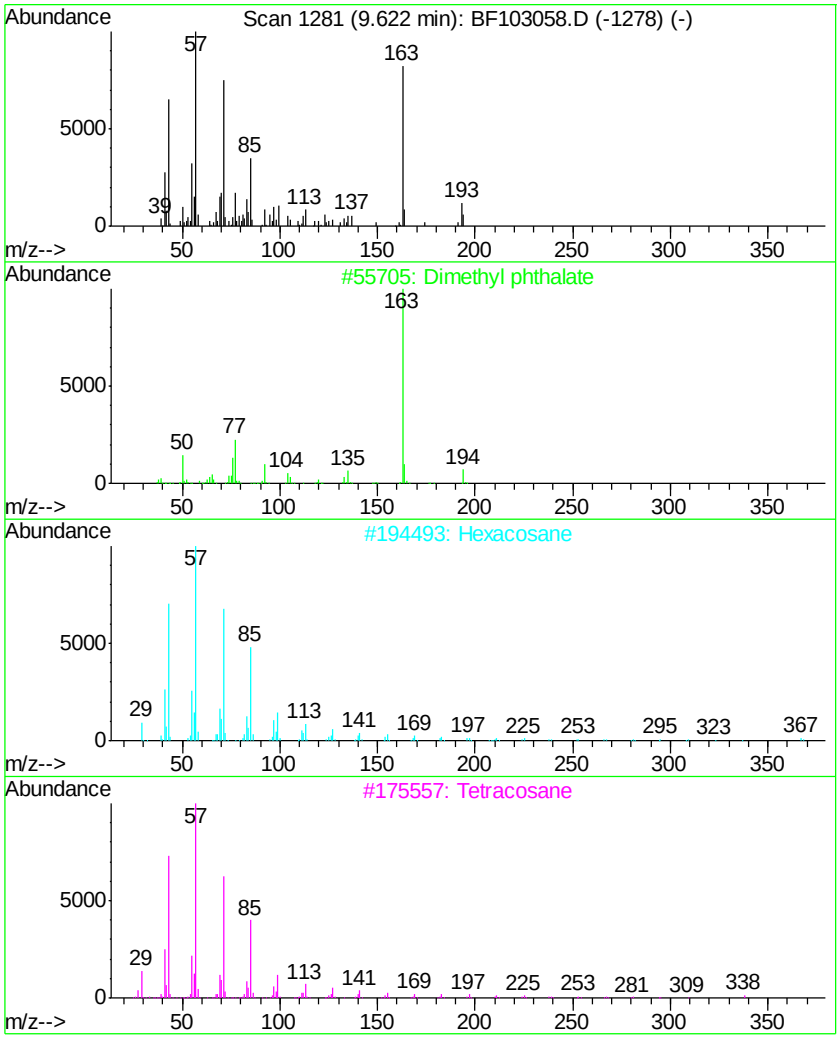
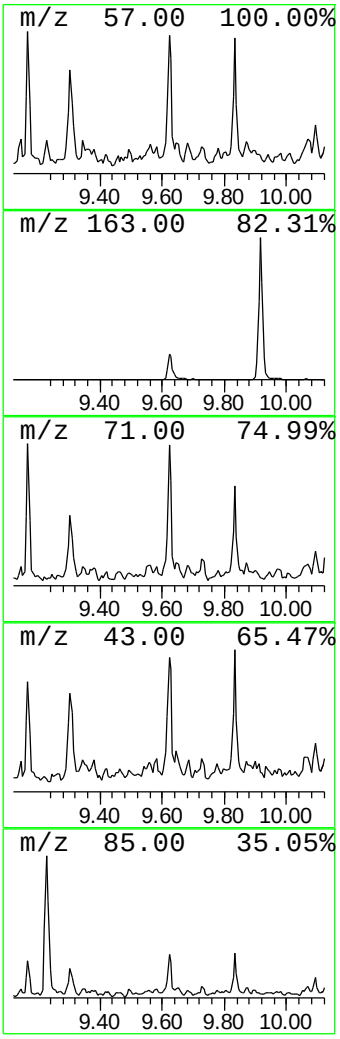
Peak Number 4 Dimethyl phthalate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.22 ng	134734	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	51
2	Hexacosane	366	C26H54	000630-01-3	46
3	Tetracosane	338	C24H50	000646-31-1	46
4	Tetratetracontane	619	C44H90	007098-22-8	46
5	Octacosane	394	C28H58	000630-02-4	46





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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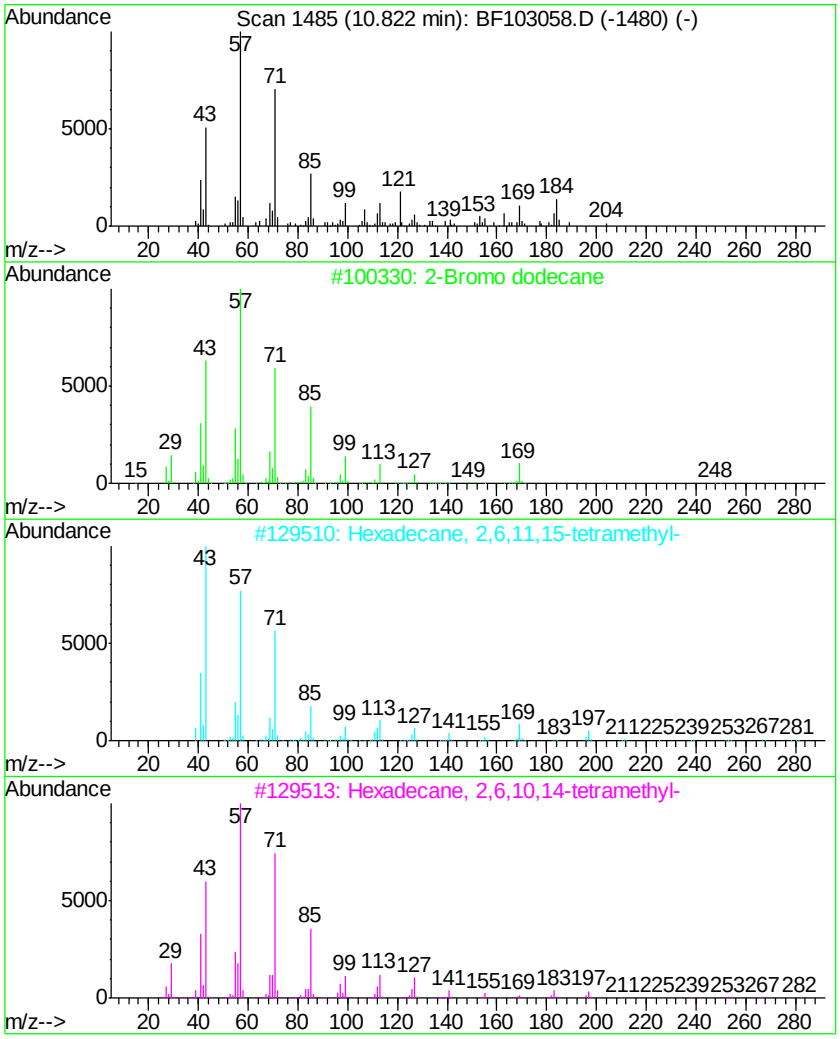
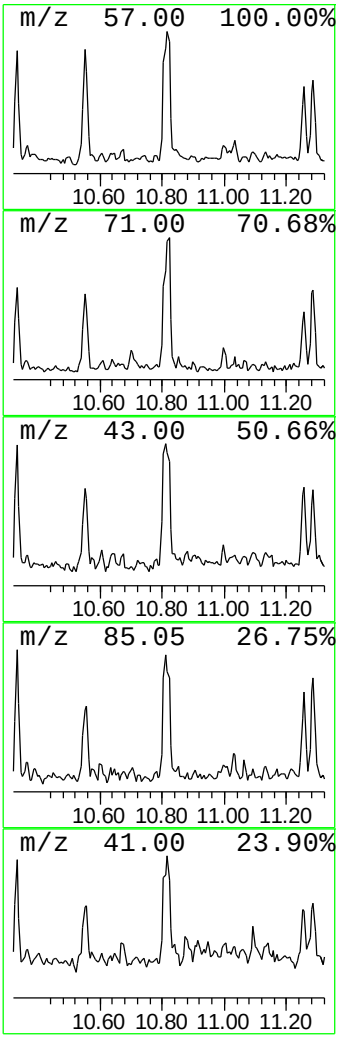
Peak Number 5 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.45 ng	178487	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

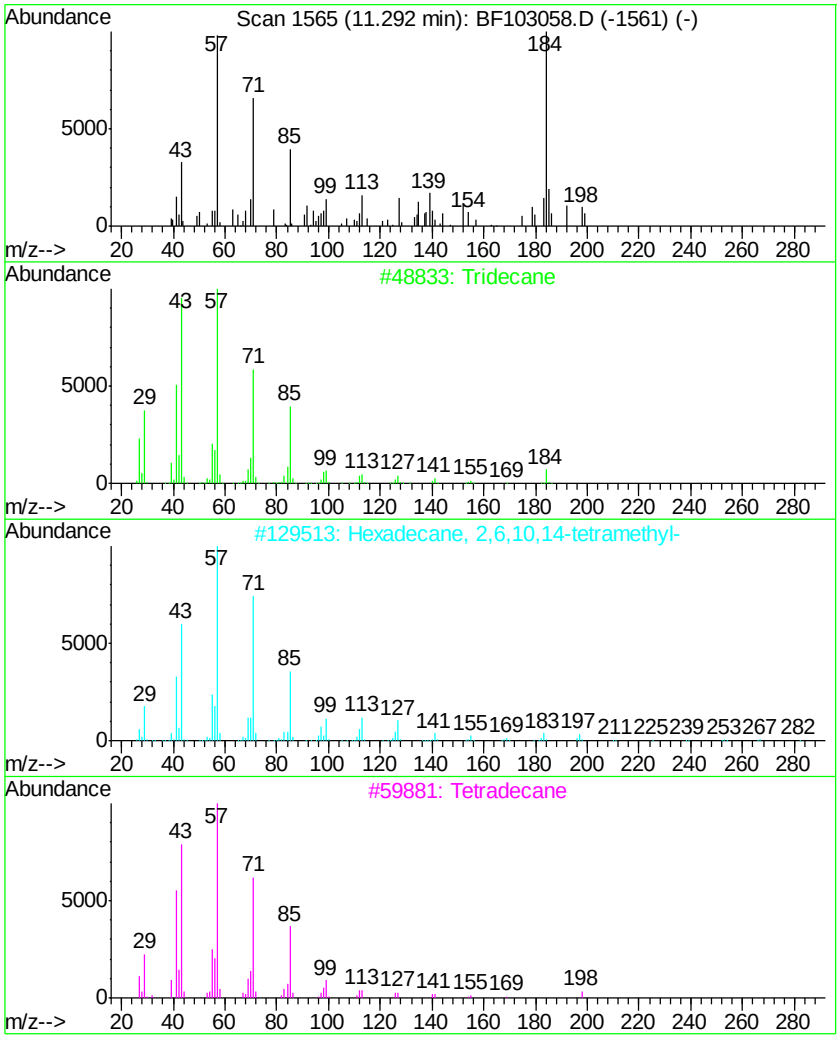
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

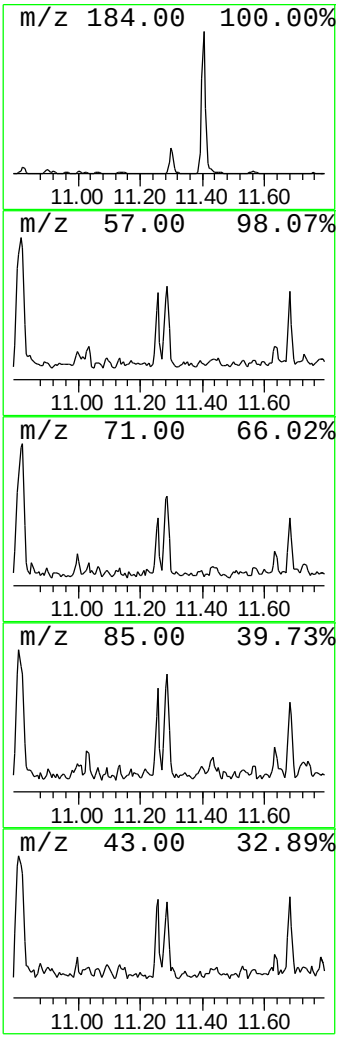
****

Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.22 ng	114783	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Tetradecane	198	C14H30	000629-59-4	74
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5	Octacosane	394	C28H58	000630-02-4	64





Library Search Compound Report

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Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

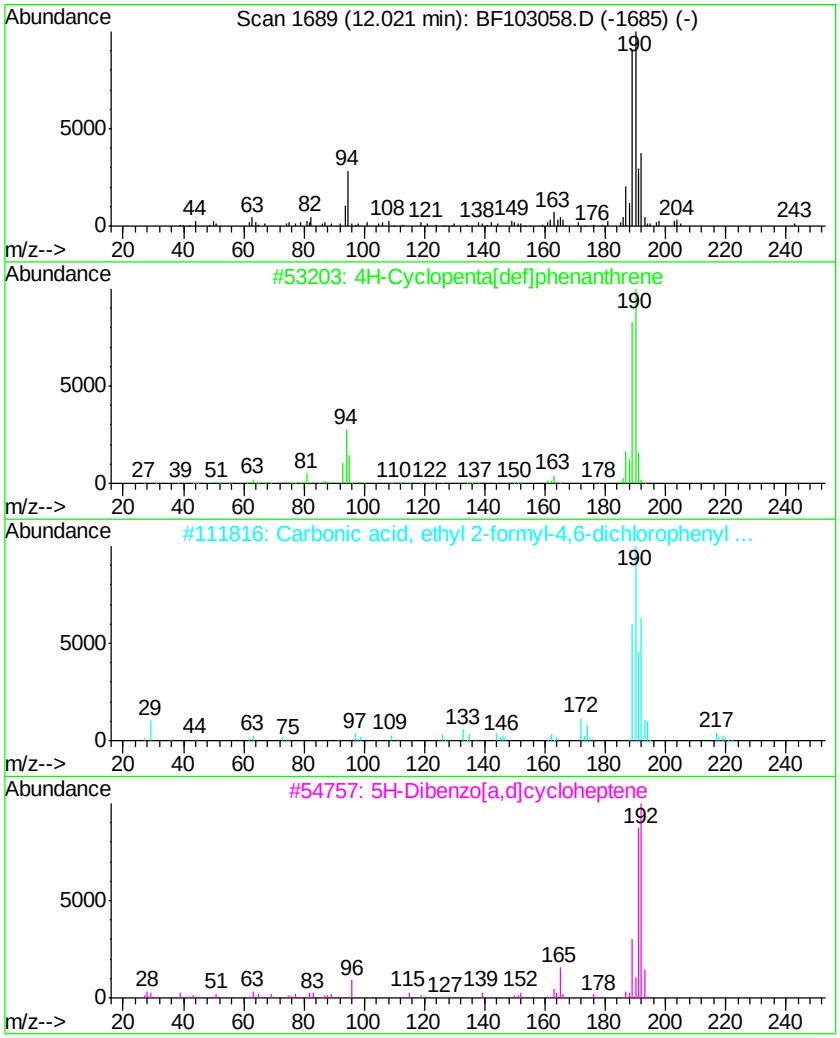
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

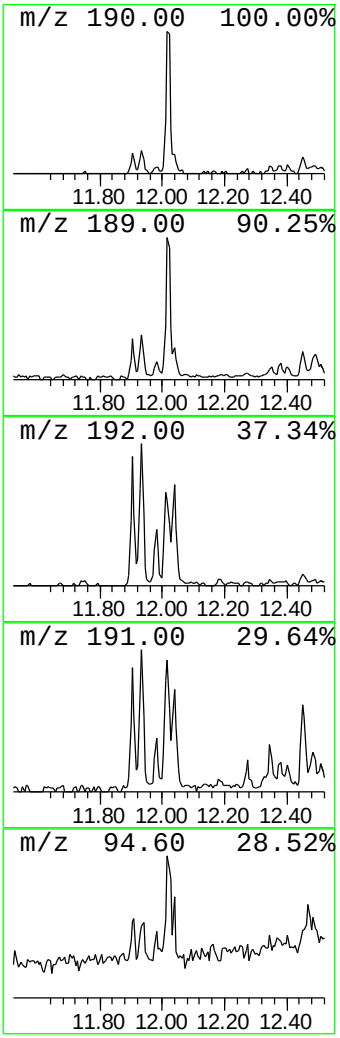
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.38 ng	123165	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	20
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	18





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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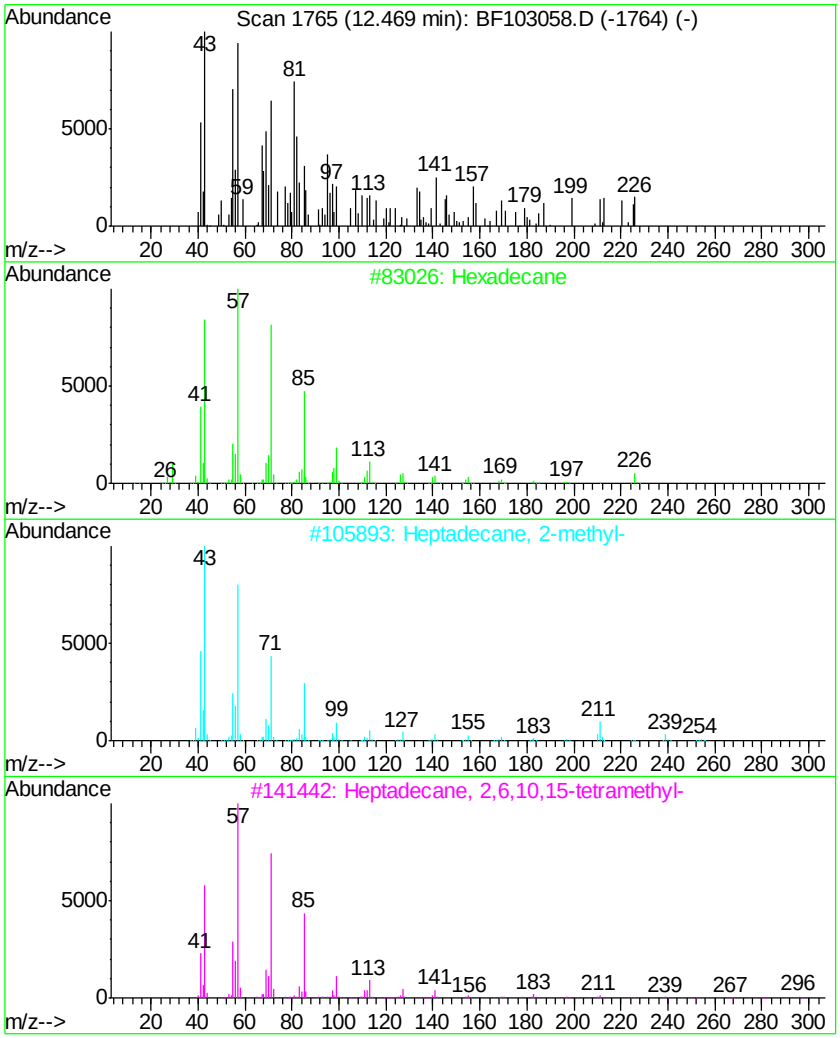
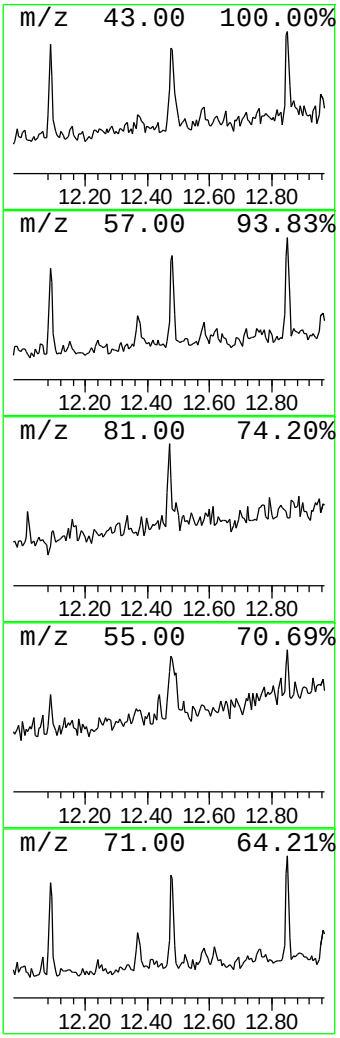
Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.09 ng	108186	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
5	Hexacosane	366	C26H54	000630-01-3	72





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103058.D
Acq On : 16 Feb 2018 17:53
Operator : SJ/JU
Sample : J1401-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-021518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.11	3.0	ng	150765	1	6.87	1021570	20.0
unknown6.64	6.64	16.0	ng	815882	1	6.87	1021570	20.0
Dimethyl phthalate	9.62	2.2	ng	134734	3	9.92	1212180	20.0
2-Bromo dodecane	10.82	3.5	ng	178487	4	11.40	1033390	20.0
Tridecane	11.29	2.2	ng	114783	4	11.40	1033390	20.0
4H-Cyclopenta[def...	12.02	2.4	ng	123165	4	11.40	1033390	20.0
Hexadecane	12.47	2.1	ng	108186	4	11.40	1033390	20.0