LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096318.D
Acq On : 30 Jun 2017 3:28
Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

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-BF062717.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	3.781	283	288	293	rBV	25363	36660	2.58%	0.195%
2	4.951	484	487	494	rVB	150524	151790	10.69%	0.807%
3	5.246	533	537	540	rBV	14336	14489	1.02%	0.077%
4	5.351	552	555	556	rBV	20207	18145	1.28%	0.096%
5	5.375	556	559	563	rVB	895343	774373	54.56%	4.117%
6	5.616	594	600	608	rVB3	19145	28786	2.03%	0.153%
7	6.234	699	705	709	rVB	11583	15725	1.11%	0.084%
8	6.393	728	732	738	rVB	902458	773279	54.48%	4.111%
9	6.534	753	756	760	rBV	839591	744766	52.47%	3.959%
10	6.604	765	768	773	rBV4	20019	31122	2.19%	0.165%
11	6.769	793	796	800	rBV	1060317	960391	67.66%	5.106%
12	6.928	819	823	826	rBV	695008	553987	39.03%	2.945%
13	7.322	886	890	894	rBV	442080	389563	27.45%	2.071%
14	7.628	937	942	947	rVB	17732	16557	1.17%	0.088%
15	7.745	958	962	966	rBV	21882	18386	1.30%	0.098%
16	8.051	1010	1014	1017	rBV	1334970	1224780	86.29%	6.511%
17	8.275	1049	1052	1056	rBV	19649	18408	1.30%	0.098%
18	8.328	1059	1061	1065	rBV	24083	17460	1.23%	0.093%
19	8.763	1131	1135	1139	rVB2	46892	45404	3.20%	0.241%
20	8.863	1148	1152	1155	rBV	36873	30260	2.13%	0.161%
21	9.128	1193	1197	1200	rBV	863803	679402	47.86%	3.612%
22	9.222	1209	1213	1217	rBV3	25485	27766	1.96%	0.148%
23	9.392	1237	1242	1247	rBV4	11214	17770	1.25%	0.094%
24	9.463	1252	1254	1257	rBV	23220	20215	1.42%	0.107%
25	9.522	1261	1264	1266	rVV	103401	85441	6.02%	0.454%
26	9.663	1281	1288	1291	rBV2	37091	37978	2.68%	0.202%
27	9.692	1291	1293	1297	rVV3	13822	18313	1.29%	0.097%
28	9.751	1300	1303	1307	rVB	24478	19018	1.34%	0.101%
29	9.804	1307	1312	1316	rBV	1113486	1058206	74.55%	5.626%
30	9.839	1316	1318	1321	rVB	109987	83725	5.90%	0.445%
31	10.010	1343	1347	1350	rVB	62456	51347	3.62%	0.273%
32	10.222	1379	1383	1386	rBV	83705	78293	5.52%	0.416%
33	10.251	1386	1388	1392	rVB2	29563	23965	1.69%	0.127%
34	10.351	1402	1405	1409	rBV2	81467	69701	4.91%	0.371%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096318.D
Acq On : 30 Jun 2017 3:28
Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.433	1417	1419	1422	rVB4	15973	15697	1.11%	0.083%
36	10.469	1422	1425	1429	rVV3	12697	17483	1.23%	0.093%
37	10.510	1429	1432	1437	rVB2	21880	24416	1.72%	0.130%
38	10.586	1441	1445	1449	rVV	425058	352160	24.81%	1.872%
39	10.628	1449	1452	1458	rVB2	42567	36977	2.61%	0.197%
40	10.722	1465	1468	1470	rBV3	40846	43737	3.08%	0.233%
41	11.028	1515	1520	1521	rBV5	14918	17731	1.25%	0.094%
42	11.086	1527	1530	1536	rVB	47262	43464	3.06%	0.231%
43	11.139	1536	1539	1542	rBV4	13936	22519	1.59%	0.120%
44	11.180	1542	1546	1549	rBV2	43330	54210	3.82%	0.288%
45	11.286	1560	1564	1566	rBV	1101161	943546	66.47%	5.016%
46	11.310	1566	1568	1571	rVV	898562	667374	47.02%	3.548%
47	11.357	1571	1576	1579	rVV	202398	198622	13.99%	1.056%
48	11.392	1579	1582	1586	rVB3	29881	28834	2.03%	0.153%
49	11.510	1597	1602	1606	rBV2	116769	131129	9.24%	0.697%
50	11.592	1612	1616	1619	rBV2	17362	27660	1.95%	0.147%
51	11.786	1646	1649	1651	rBV	85861	70620	4.98%	0.375%
52	11.816	1651	1654	1658	rVV	166599	139296	9.81%	0.741%
53	11.857	1658	1661	1665	rVV2	56456	69728	4.91%	0.371%
54	11.898	1665	1668	1671	rVV	164766	175619	12.37%	0.934%
55	11.922	1671	1672	1675	rVB	58160	31876	2.25%	0.169%
56	12.080	1697	1699	1701	rBV	64209	64198	4.52%	0.341%
57	12.098	1701	1702	1707	rVB	92311	68764	4.84%	0.366%
58	12.233	1723	1725	1727	rVB2	22809	17509	1.23%	0.093%
59	12.339	1739	1743	1745	rBV2	58999	70287	4.95%	0.374%
60	12.374	1746	1749	1751	rVV2	35360	45616	3.21%	0.243%
61	12.416	1754	1756	1761	rVB2	56563	61815	4.35%	0.329%
62	12.498	1766	1770	1773	rBV	1365476	1185843	83.54%	6.304%
63	12.551	1773	1779	1783	rVV4	29132	48042	3.38%	0.255%
64	12.645	1793	1795	1799	rVB	42968	37370	2.63%	0.199%
65	12.722	1803	1808	1812	rBV	1090646	1258032	88.63%	6.688%
66	12.845	1826	1829	1830	rBV	69769	59631	4.20%	0.317%
67	12.869	1830	1833	1840	rVB	699982	636224	44.82%	3.382%
68	12.945	1841	1846	1848	rBV2	74989	116437	8.20%	0.619%
69	13.027	1858	1860	1861	rBV2	52338	42206	2.97%	0.224%
70	13.051	1862	1864	1867	rVB	129875	108232	7.63%	0.575%
71	13.116	1872	1875	1878	rBV	98971	99393	7.00%	0.528%

LSC Area Percent Report

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Acq On : 30 Jun 2017 3:28
Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.157	1879	1882	1884	rBV2	112658	95908	6.76%	0.510%
73	13.245	1895	1897	1900	rVB	48845	42631	3.00%	0.227%
74	13.280	1900	1903	1906	rBV	55582	65757	4.63%	0.350%
75	13.557	1947	1950	1955	rVB	74247	82979	5.85%	0.441%
76	13.698	1972	1974	1976	rBV	72518	56958	4.01%	0.303%
77	13.916	2007	2011	2014	rBV2	1072522	1419426	100.00%	7.546%
78	13.945	2014	2016	2019	rVB	455261	348209	24.53%	1.851%
79	14.939	2181	2185	2188	rBV	336482	521978	36.77%	2.775%
80	15.227	2231	2234	2239	rVB	227963	276014	19.45%	1.467%
81	15.286	2241	2244	2248	rVB	259202	279190	19.67%	1.484%
82	15.345	2251	2254	2258	rVB	385122	453653	31.96%	2.412%

Sum of corrected areas: 18810471

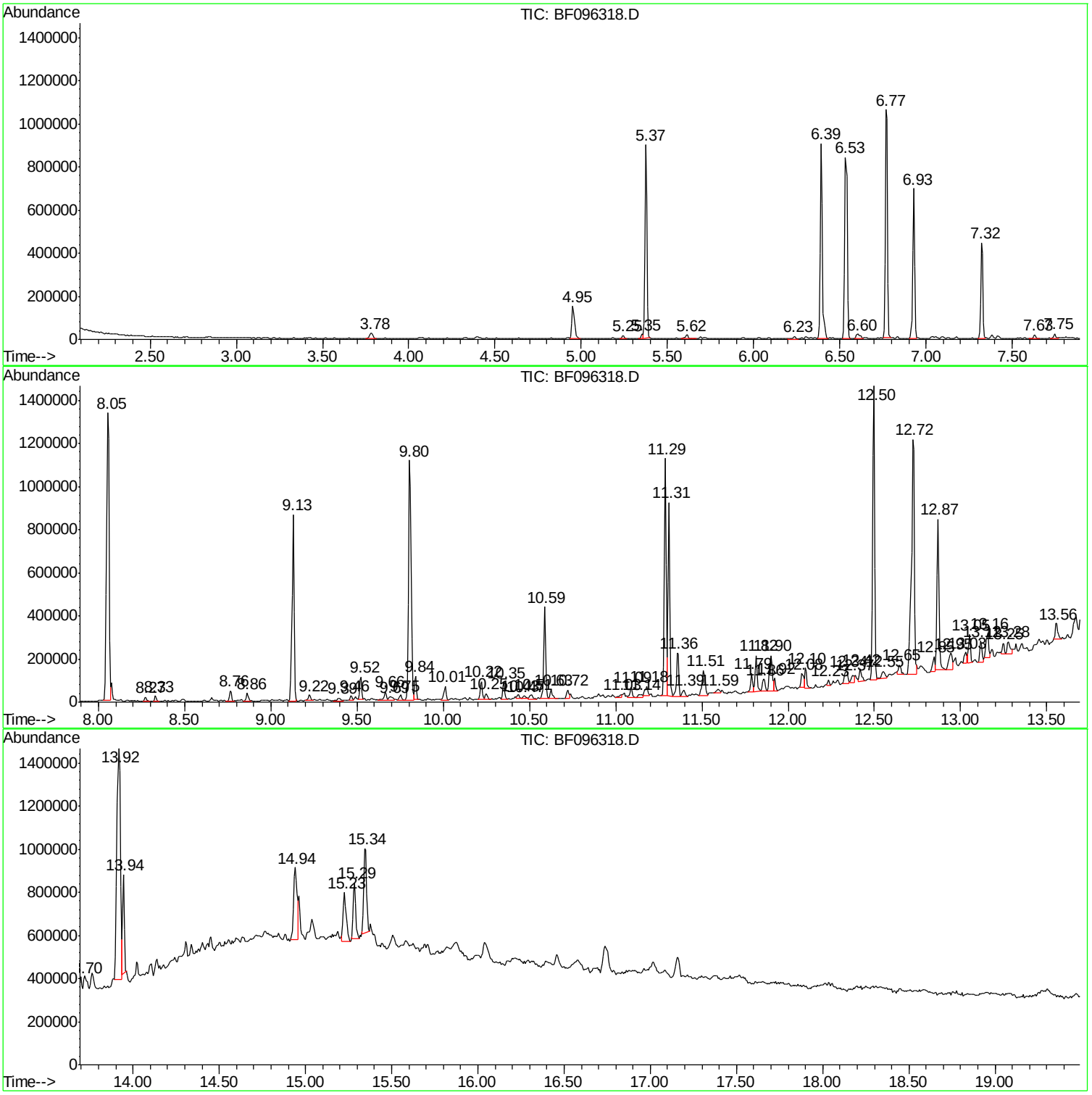
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096318.D
Acq On : 30 Jun 2017 3:28
Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096318.D
Acq On : 30 Jun 2017 3:28
Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

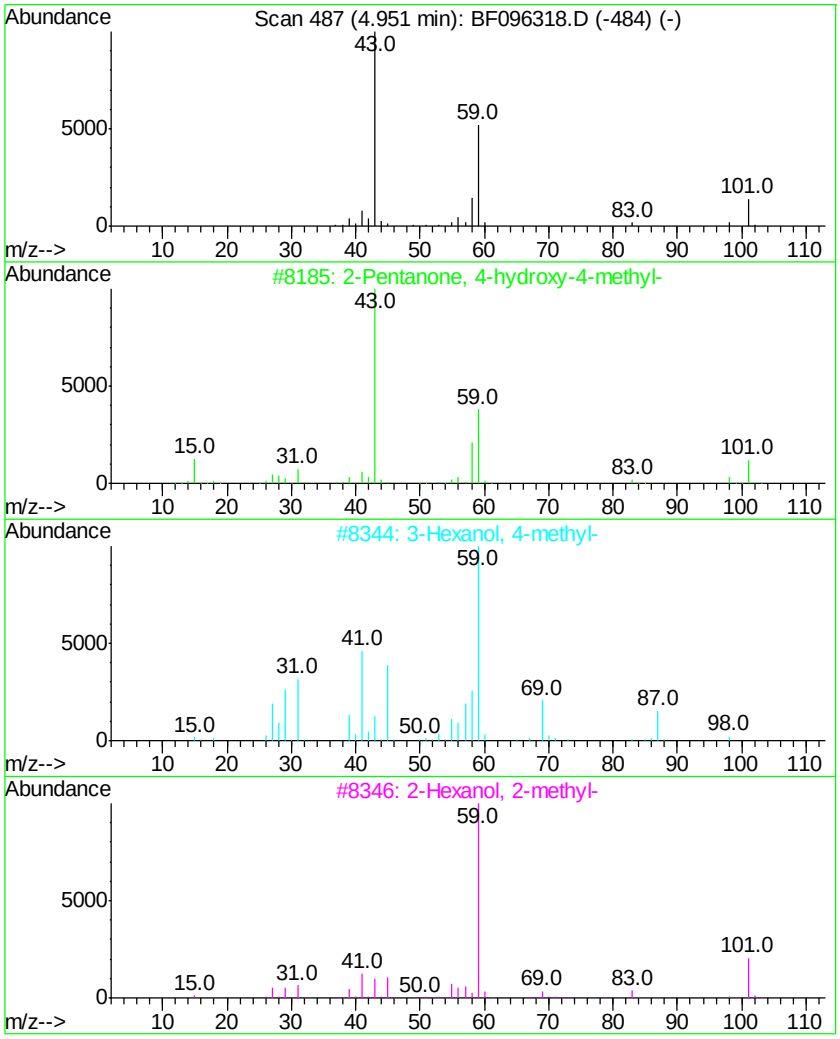
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

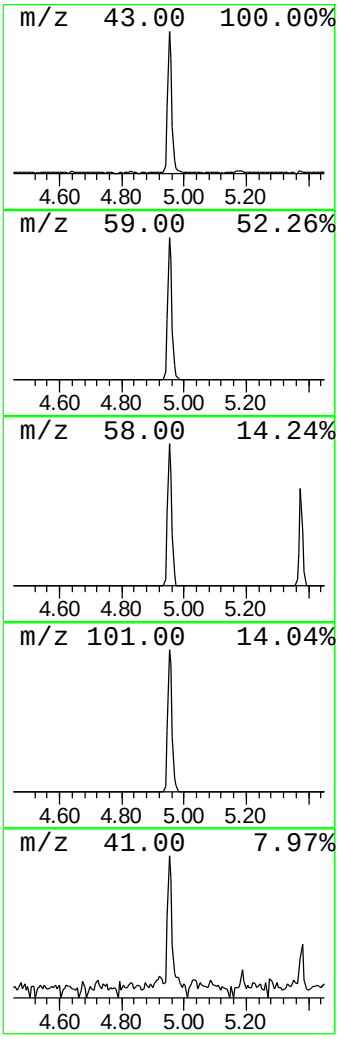
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.16 ng	151790	1,4-Dichlorobenzene-d4	6.77

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	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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Sample : I3883-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : G41-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

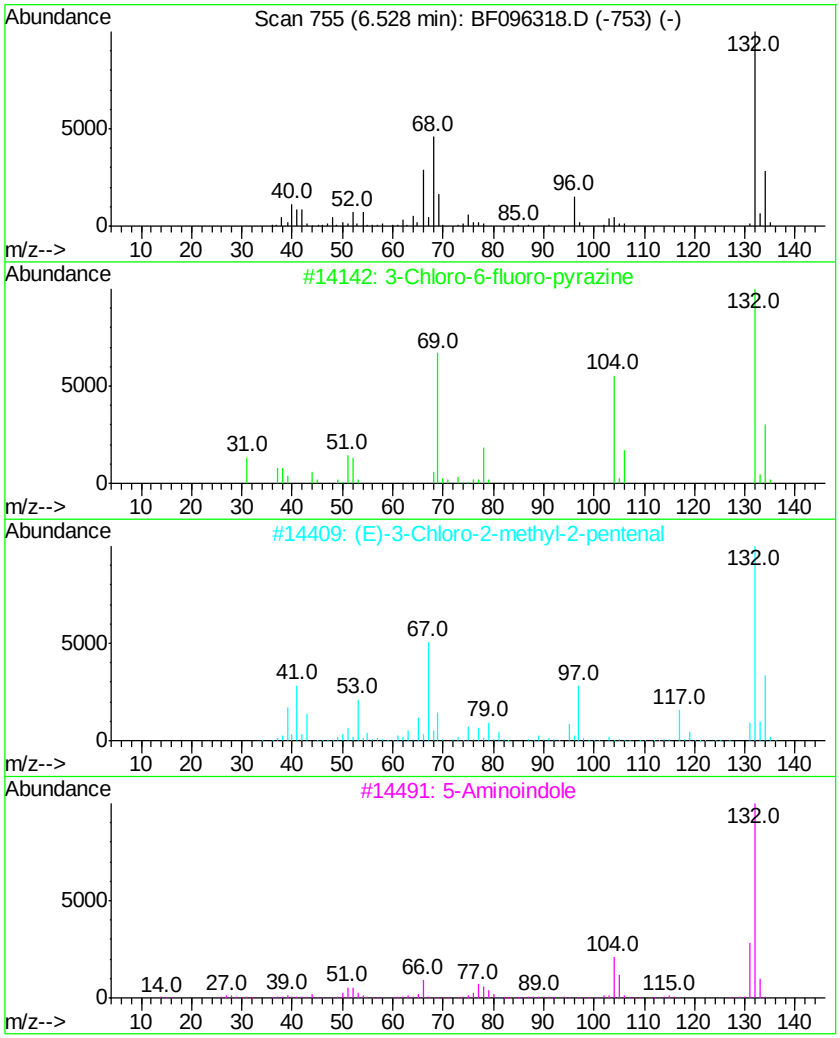
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

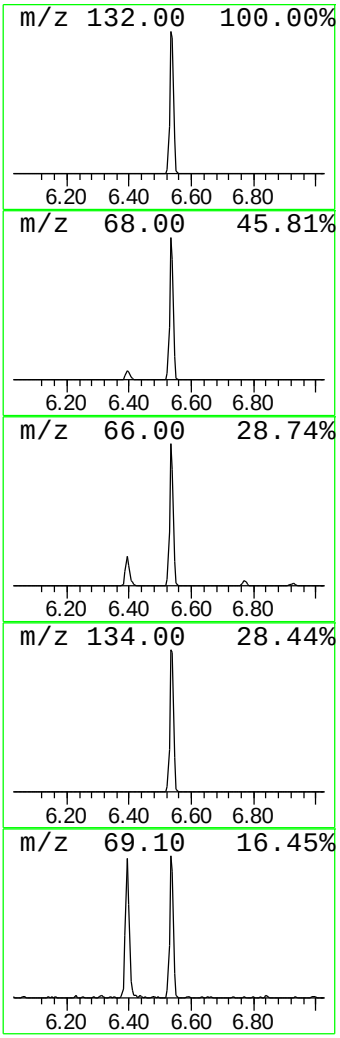
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	15.51 ng	744766	1,4-Dichlorobenzene-d4	6.77

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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Sample : I3883-03 5X
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Instrument : BNA_F
ClientSampleId : G41-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

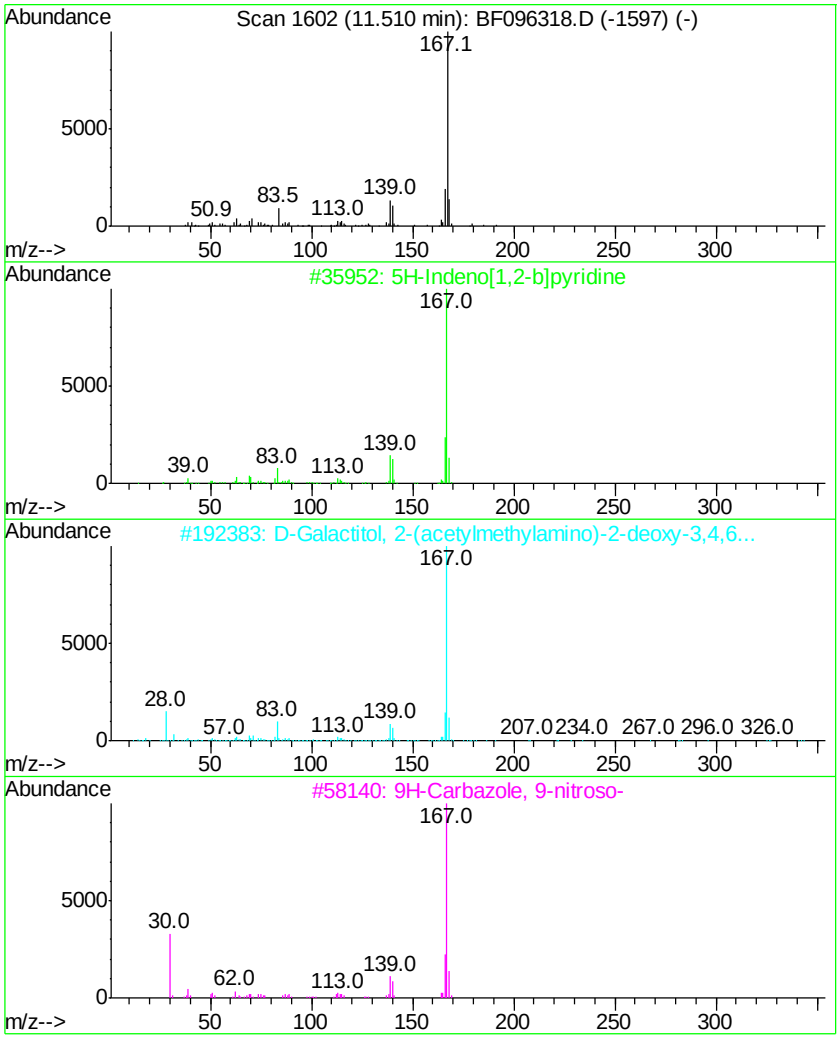
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

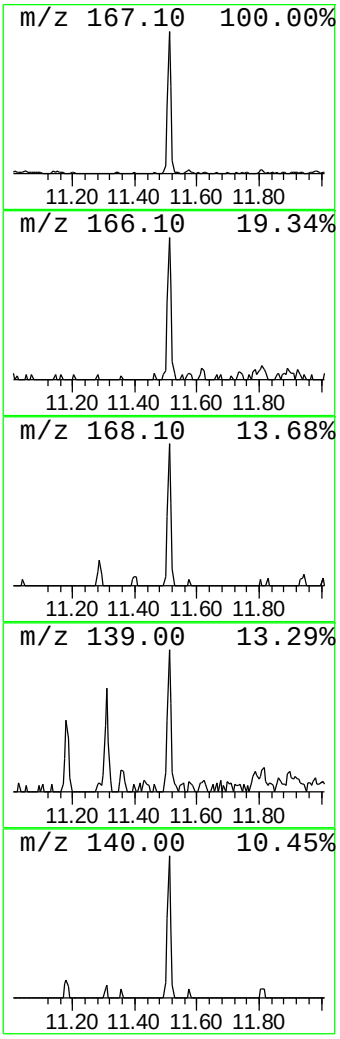
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	2.78 ng	131129	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	87
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
4	Carbazole	167	C12H9N	000086-74-8	81
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	64





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Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

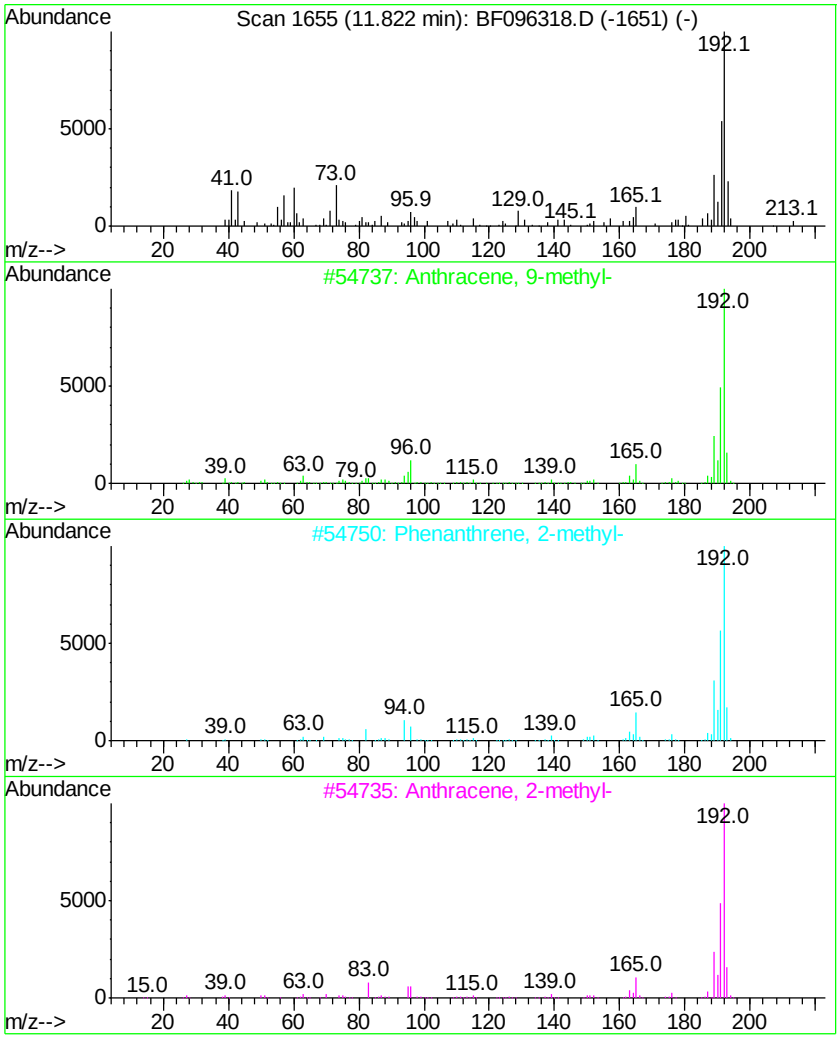
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

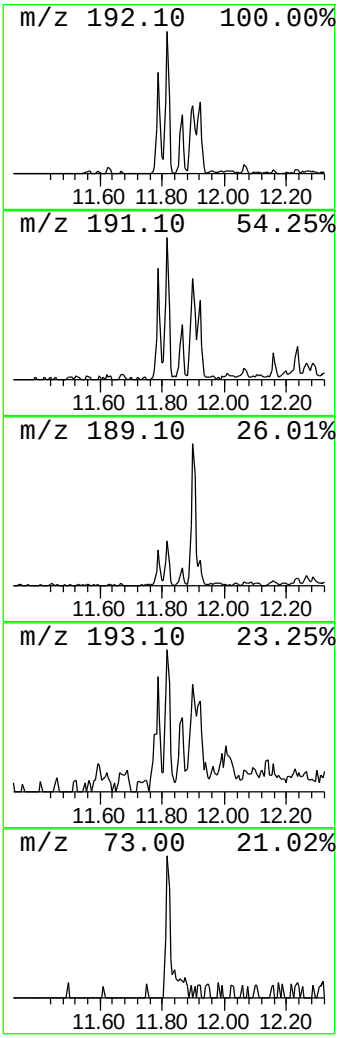
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.95 ng	139296	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

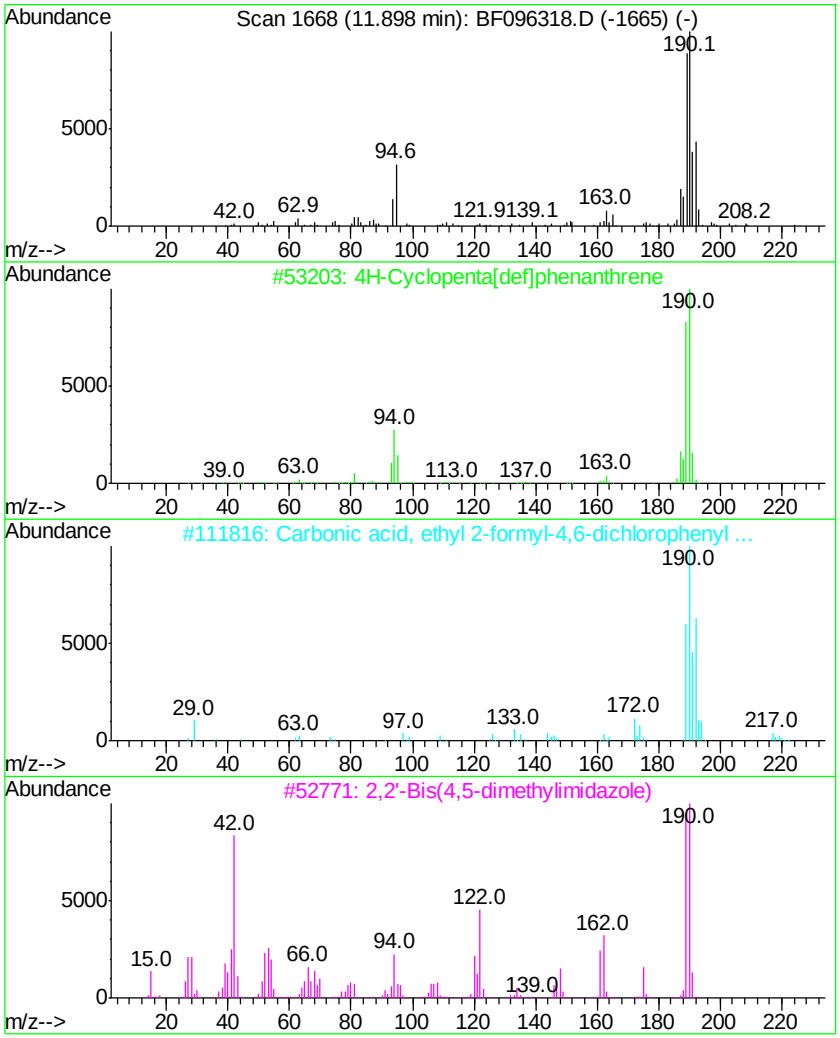
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

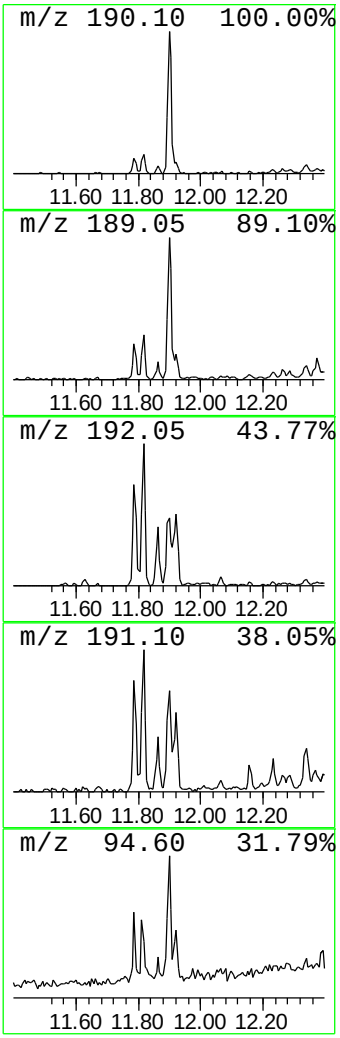
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.72 ng	175619	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	28
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096318.D
Acq On : 30 Jun 2017 3:28
Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G41-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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...	4.95	3.2	ng	151790	1	6.77	960391	20.0
unknown6.53	6.53	15.5	ng	744766	1	6.77	960391	20.0
5H-Indeno[1,2-b]p...	11.51	2.8	ng	131129	4	11.29	943546	20.0
Anthracene, 9-met...	11.82	3.0	ng	139296	4	11.29	943546	20.0
4H-Cyclopenta[def...	11.90	3.7	ng	175619	4	11.29	943546	20.0