LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096316.D
Acq On : 30 Jun 2017 2:33
Operator : SJ/MA
Sample : I3883-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G45-0-1.5

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	281	288	293	rBV2	9969	15480	1.31%	0.149%
2	4.951	483	487	495	rBV	89317	92616	7.82%	0.892%
3	5.375	555	559	563	rBV	521769	434344	36.66%	4.185%
4	6.316	715	719	721	rBV3	18244	17806	1.50%	0.172%
5	6.392	728	732	737	rBV	553649	444633	37.53%	4.284%
6	6.534	752	756	760	rBV	520194	436362	36.83%	4.204%
7	6.769	791	796	800	rBV	990691	920534	77.69%	8.869%
8	6.798	800	801	805	rVB2	19643	15503	1.31%	0.149%
9	6.845	805	809	811	rBV3	10148	13461	1.14%	0.130%
10	6.928	820	823	826	rBV	387488	316796	26.74%	3.052%
11	7.051	841	844	849	rVB3	27136	29847	2.52%	0.288%
12	7.098	849	852	854	rVB2	15677	13336	1.13%	0.128%
13	7.175	862	865	868	rVV2	21286	16946	1.43%	0.163%
14	7.204	868	870	877	rVB4	9932	13248	1.12%	0.128%
15	7.322	883	890	895	rBV	286667	266687	22.51%	2.570%
16	7.381	898	900	903	rVB2	21663	18679	1.58%	0.180%
17	7.422	903	907	911	rVB5	25670	33824	2.85%	0.326%
18	7.475	911	916	917	rBV4	9800	13112	1.11%	0.126%
19	7.587	933	935	939	rVB2	30701	24576	2.07%	0.237%
20	7.704	952	955	959	rVB5	33358	37972	3.20%	0.366%
21	7.745	959	962	965	rBV5	19251	25161	2.12%	0.242%
22	7.822	973	975	978	rVB3	15223	15495	1.31%	0.149%
23	7.886	984	986	991	rVB5	13453	15516	1.31%	0.149%
24	8.051	1010	1014	1018	rBV	1282017	1184884	100.00%	11.416%
25	8.128	1026	1027	1030	rVB	35732	22992	1.94%	0.222%
26	8.234	1039	1045	1047	rBV6	13880	24421	2.06%	0.235%
27	8.269	1049	1051	1054	rVB2	31600	25327	2.14%	0.244%
28	8.351	1061	1065	1068	rVB6	22358	28195	2.38%	0.272%
29	8.410	1072	1075	1077	rBV4	12520	13724	1.16%	0.132%
30	8.445	1078	1081	1085	rVB5	15205	19271	1.63%	0.186%
31	8.492	1085	1089	1090	rBV	41223	36388	3.07%	0.351%
32	8.528	1093	1095	1097	rVB2	18287	14905	1.26%	0.144%
33	8.563	1098	1101	1104	rVB4	16514	17540	1.48%	0.169%
34	8.604	1104	1108	1113	rBV5	27835	41840	3.53%	0.403%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3883-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G45-0-1.5

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	8.657	1114	1117	1122	rBV6	22253	28690	2.42%	0.276%
36	8.757	1131	1134	1139	rVB4	26683	37559	3.17%	0.362%
37	8.810	1140	1143	1146	rBV4	11940	13770	1.16%	0.133%
38	8.863	1146	1152	1157	rBV7	12136	29929	2.53%	0.288%
39	8.945	1163	1166	1168	rBV3	15875	18621	1.57%	0.179%
40	9.086	1187	1190	1193	rVB2	45045	37281	3.15%	0.359%
41	9.128	1193	1197	1200	rVB	507329	388053	32.75%	3.739%
42	9.222	1209	1213	1217	rBV4	48941	64948	5.48%	0.626%
43	9.398	1236	1243	1244	rBV5	12798	25540	2.16%	0.246%
44	9.522	1261	1264	1266	rBV	80483	69614	5.88%	0.671%
45	9.545	1266	1268	1272	rVB	65102	48689	4.11%	0.469%
46	9.692	1290	1293	1296	rBV5	21145	28356	2.39%	0.273%
47	9.728	1296	1299	1301	rVB3	33437	27901	2.35%	0.269%
48	9.751	1301	1303	1307	rBV2	31093	26703	2.25%	0.257%
49	9.804	1307	1312	1316	rBV	1079110	996839	84.13%	9.604%
50	9.975	1335	1341	1343	rBV5	15284	24440	2.06%	0.235%
51	10.010	1345	1347	1350	rVB3	28556	24987	2.11%	0.241%
52	10.075	1355	1358	1362	rBV3	40854	45770	3.86%	0.441%
53	10.128	1364	1367	1369	rBV3	13319	14945	1.26%	0.144%
54	10.251	1385	1388	1390	rVB	31939	24080	2.03%	0.232%
55	10.351	1402	1405	1407	rBV3	24771	26967	2.28%	0.260%
56	10.469	1422	1425	1429	rVB	100246	102155	8.62%	0.984%
57	10.586	1442	1445	1449	rVB2	230751	186634	15.75%	1.798%
58	10.627	1449	1452	1456	rBV	72858	68822	5.81%	0.663%
59	10.739	1465	1471	1476	rVB	161823	209377	17.67%	2.017%
60	10.792	1478	1480	1482	rBV3	14256	13442	1.13%	0.130%
61	11.169	1542	1544	1546	rBV3	31129	27844	2.35%	0.268%
62	11.198	1546	1549	1554	rVB	103776	111061	9.37%	1.070%
63	11.286	1560	1564	1567	rBV	981764	826481	69.75%	7.963%
64	11.310	1567	1568	1571	rVB	74710	39621	3.34%	0.382%
65	11.357	1574	1576	1578	rVB2	22277	15754	1.33%	0.152%
66	11.551	1607	1609	1611	rVB2	23527	19110	1.61%	0.184%
67	11.592	1614	1616	1622	rVV4	21541	30004	2.53%	0.289%
68	11.645	1623	1625	1631	rVB7	21949	25620	2.16%	0.247%
69	11.816	1651	1654	1658	rVB	40883	35180	2.97%	0.339%
70	11.898	1664	1668	1670	rBV4	31912	40246	3.40%	0.388%
71	11.974	1678	1681	1683	rBV4	20348	20581	1.74%	0.198%

LSC Area Percent Report

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Acq On : 30 Jun 2017 2:33
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Sample : I3883-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : G45-0-1.5

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

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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	11.998	1683	1685	1687	rVV	18076	14867	1.25%	0.143%
73	12.492	1766	1769	1773	rBV	90839	98325	8.30%	0.947%
74	12.721	1803	1808	1812	rBV2	83024	110764	9.35%	1.067%
75	12.868	1830	1833	1837	rBV	372283	330599	27.90%	3.185%
76	13.916	2007	2011	2014	rBV	906058	859728	72.56%	8.283%
77	15.345	2251	2254	2258	rVB	459026	527584	44.53%	5.083%

Sum of corrected areas: 10378902

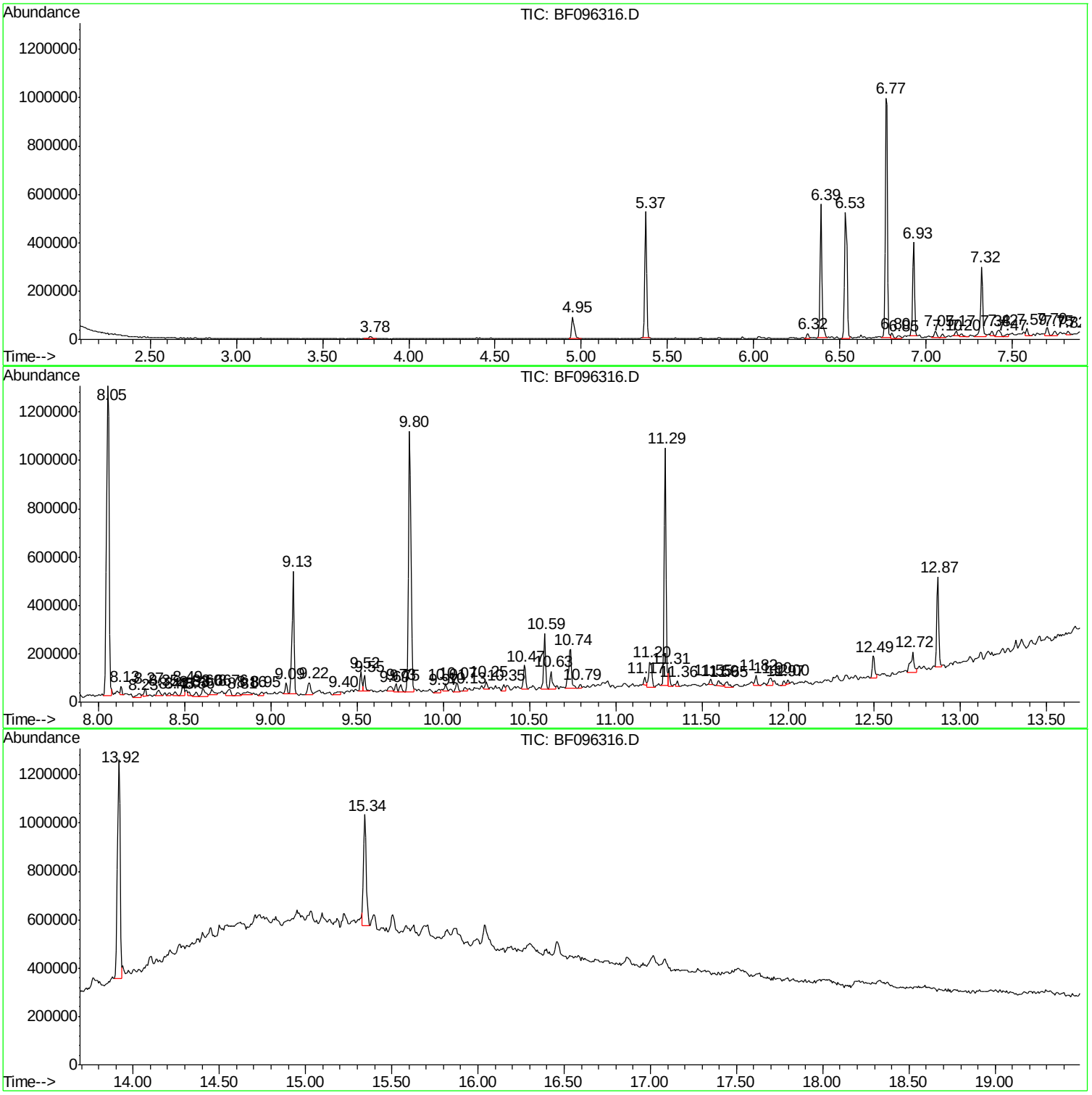
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096316.D
Acq On : 30 Jun 2017 2:33
Operator : SJ/MA
Sample : I3883-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G45-0-1.5

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096316.D
Acq On : 30 Jun 2017 2:33
Operator : SJ/MA
Sample : I3883-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G45-0-1.5

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

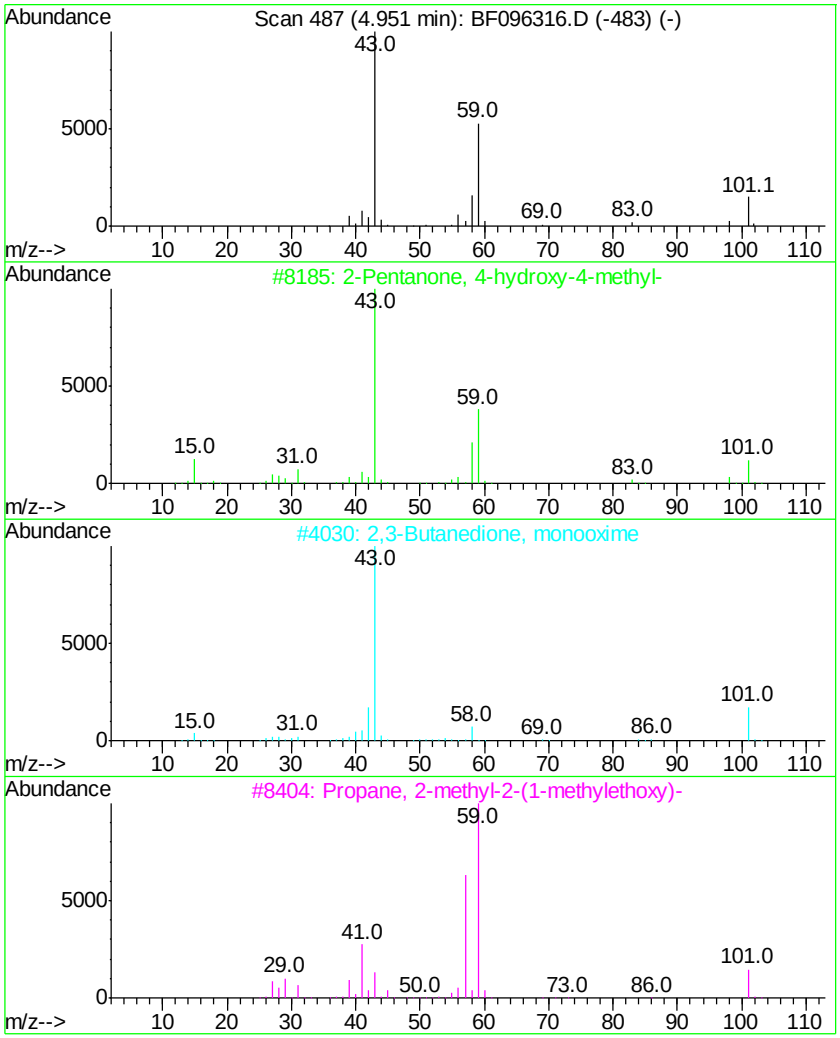
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

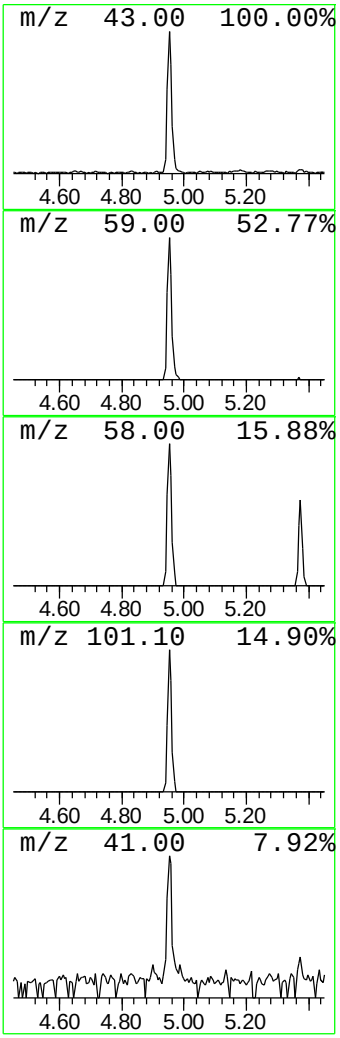
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.01 ng	92616	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	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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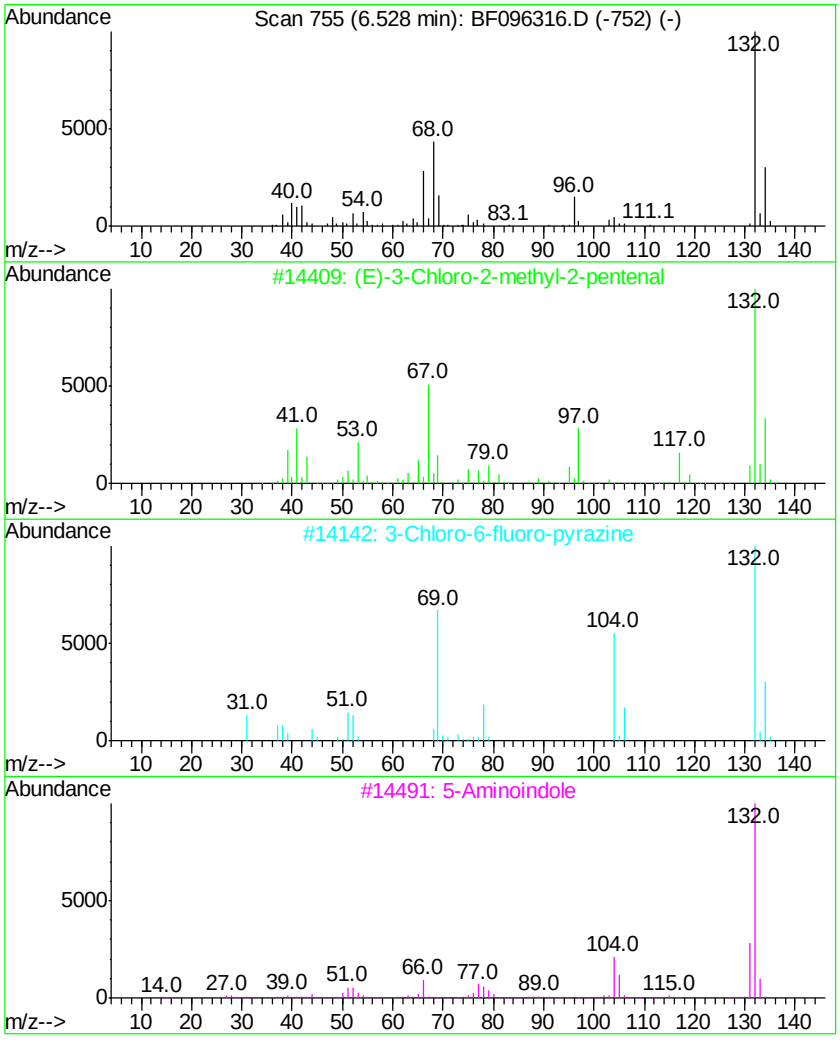
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

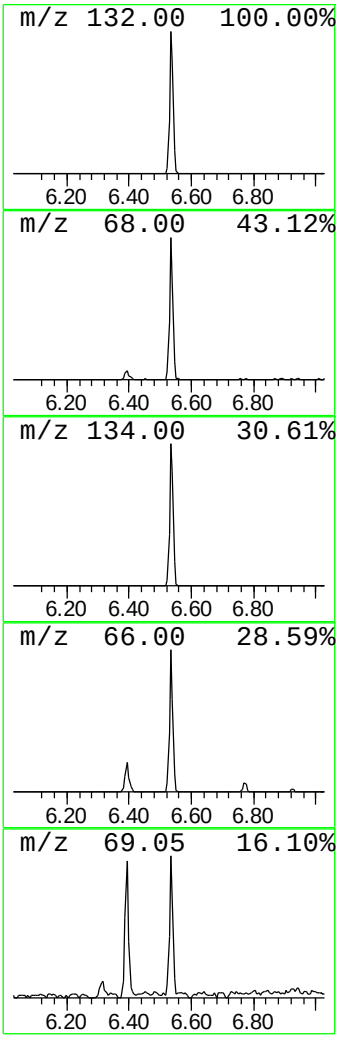
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	9.48 ng	436362	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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Sample : I3883-01 10X
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Instrument : BNA_F
ClientSampleId : G45-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
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TIC Library : C:\DATABASE\NIST11.L
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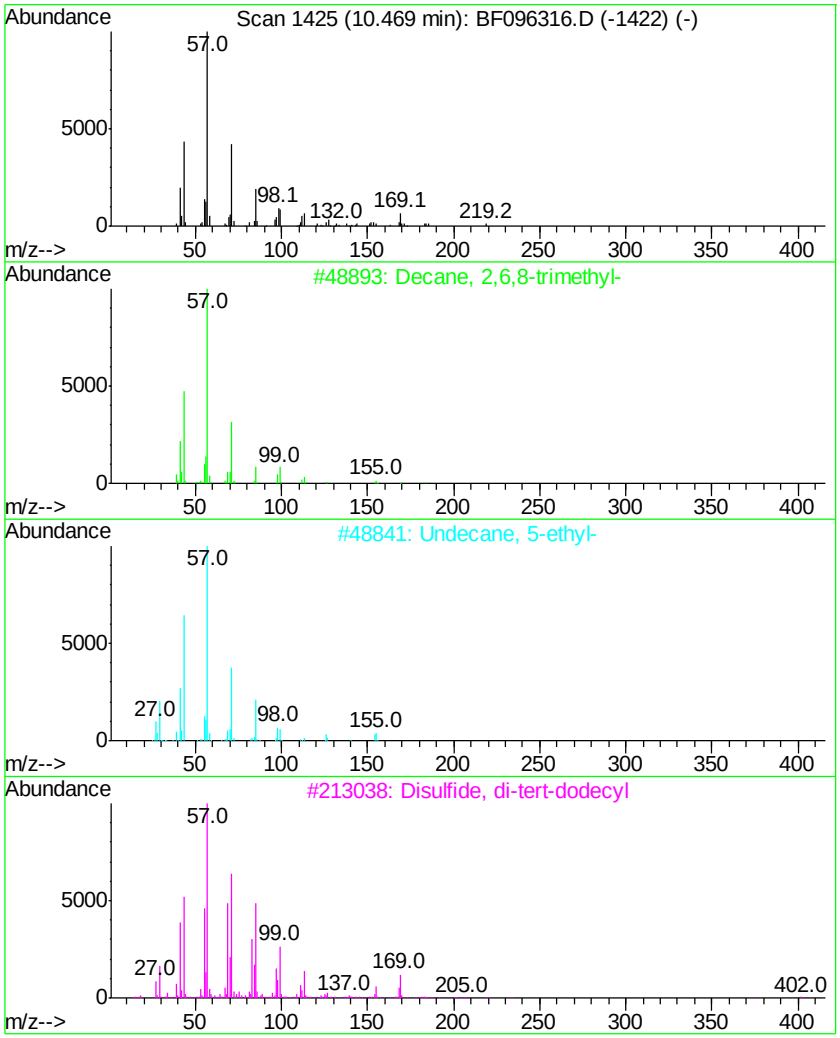
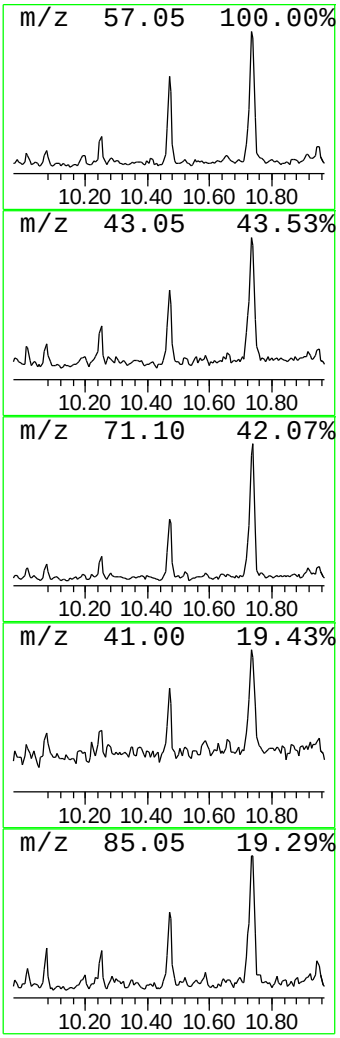
****

Peak Number 4 Decane, 2,6,8-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.05 ng	102155	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	59
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58





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Operator : SJ/MA
Sample : I3883-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G45-0-1.5

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

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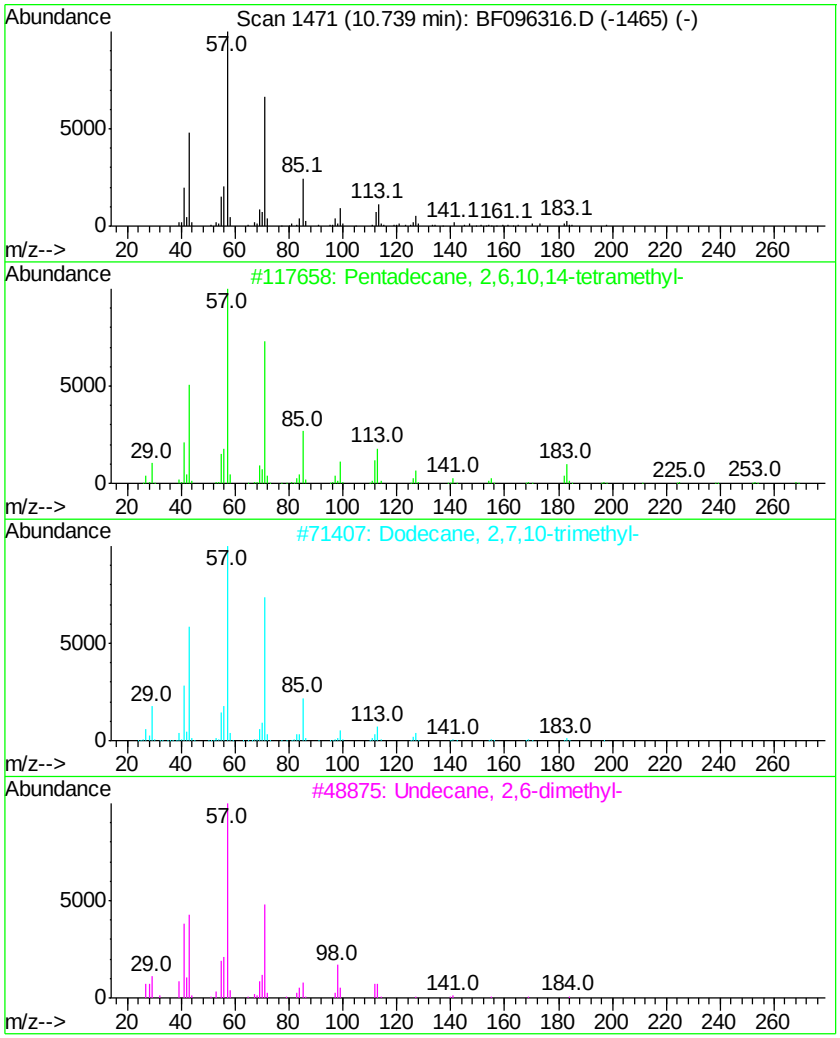
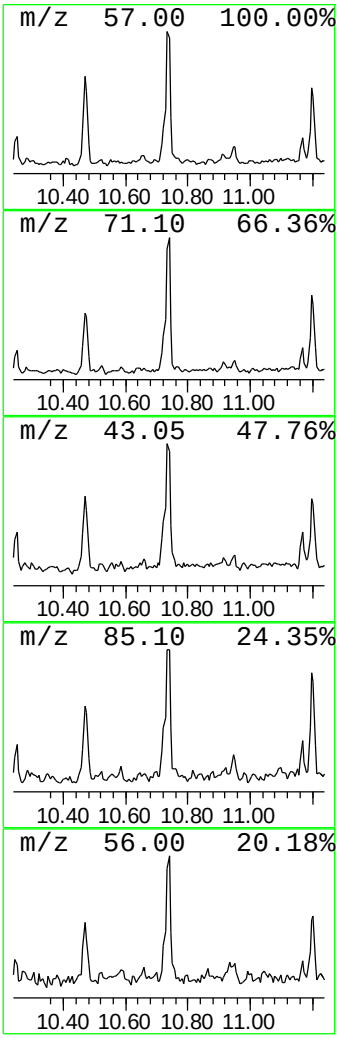
Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	5.07 ng	209377	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64





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Misc :
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Instrument : BNA_F
ClientSampleId : G45-0-1.5

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

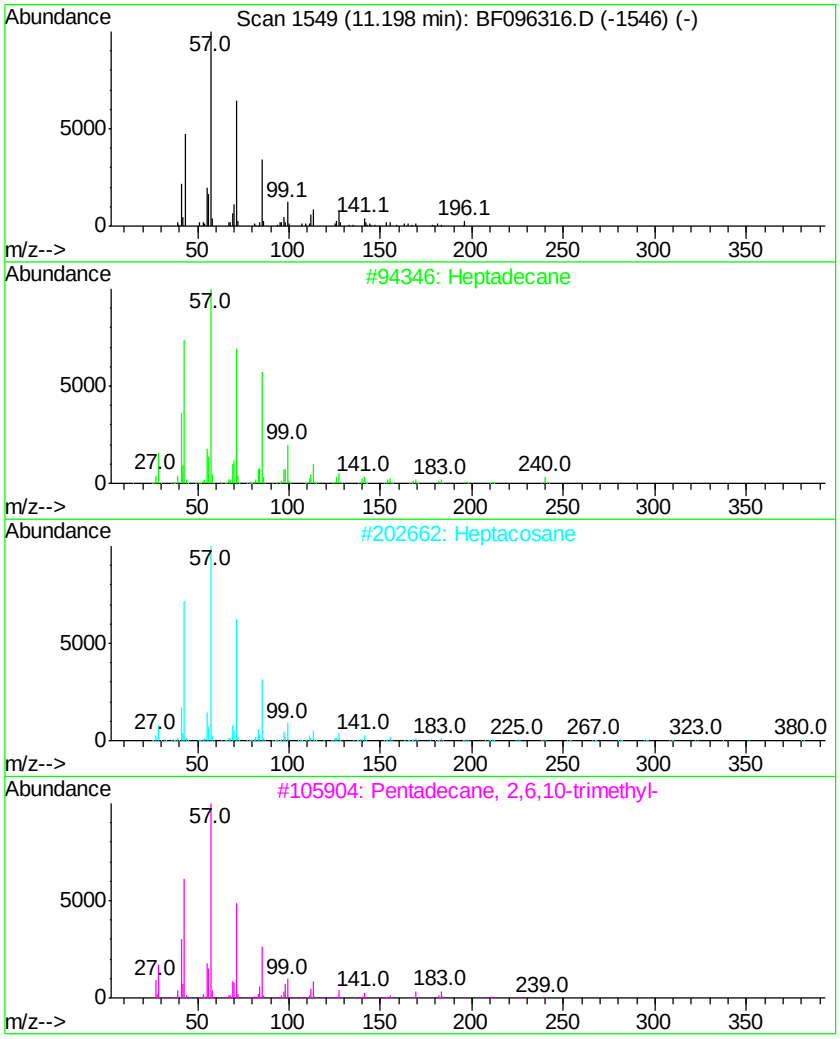
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

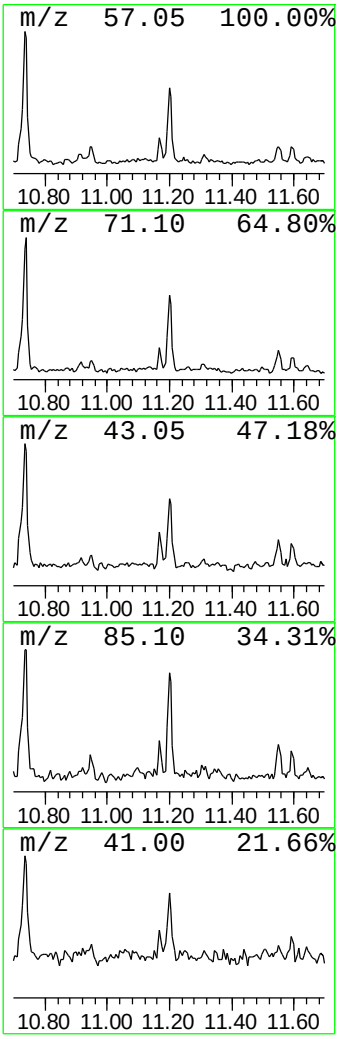
****

Peak Number 6 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.69 ng	111061	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4	Tetratetracontane	619	C44H90	007098-22-8	78
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59





Tentatively Identified Compound (LSC) summary

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Acq On : 30 Jun 2017 2:33
Operator : SJ/MA
Sample : I3883-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G45-0-1.5

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	2.0	ng	92616	1	6.77	920534	20.0
unknown6.53	6.53	9.5	ng	436362	1	6.77	920534	20.0
Decane, 2,6,8-tri...	10.47	2.0	ng	102155	3	9.80	996839	20.0
Pentadecane, 2,6,...	10.74	5.1	ng	209377	4	11.29	826481	20.0
Heptadecane	11.20	2.7	ng	111061	4	11.29	826481	20.0