LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096332.D
Acq On : 30 Jun 2017 12:51
Operator : SJ/MA
Sample : I3883-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

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	4.951	484	487	493	rVB	176203	176868	13.33%	1.465%
2	5.375	555	559	563	rVB	608256	524086	39.49%	4.342%
3	6.392	728	732	735	rBV	866649	666961	50.25%	5.525%
4	6.534	752	756	760	rBV	765918	616761	46.47%	5.109%
5	6.769	792	796	800	rBV	1144561	946943	71.34%	7.845%
6	6.928	819	823	826	rBV	576844	493180	37.16%	4.086%
7	7.322	886	890	894	rBV	502302	402901	30.35%	3.338%
8	7.381	897	900	903	rVB2	19277	15179	1.14%	0.126%
9	7.739	958	961	965	rBV3	15109	15124	1.14%	0.125%
10	8.051	1010	1014	1018	rBV	1527347	1327300	100.00%	10.996%
11	8.269	1047	1051	1056	rBV7	9880	16159	1.22%	0.134%
12	8.351	1058	1065	1068	rVV8	8710	16716	1.26%	0.138%
13	8.563	1097	1101	1104	rVB4	17121	16648	1.25%	0.138%
14	8.610	1104	1109	1113	rBV8	13006	20508	1.55%	0.170%
15	8.657	1113	1117	1119	rBV	28117	26733	2.01%	0.221%
16	8.763	1131	1135	1139	rVB	26729	29488	2.22%	0.244%
17	8.945	1163	1166	1168	rBV4	12431	15554	1.17%	0.129%
18	9.022	1173	1179	1181	rVV6	10281	18678	1.41%	0.155%
19	9.086	1187	1190	1193	rBV4	16364	16364	1.23%	0.136%
20	9.128	1193	1197	1200	rBV	863973	682754	51.44%	5.656%
21	9.222	1208	1213	1217	rBV3	59260	78112	5.89%	0.647%
22	9.522	1261	1264	1266	rBV	125762	112647	8.49%	0.933%
23	9.539	1266	1267	1270	rVB	26188	20653	1.56%	0.171%
24	9.663	1286	1288	1290	rBV	16770	16344	1.23%	0.135%
25	9.727	1296	1299	1301	rVB2	38170	30941	2.33%	0.256%
26	9.751	1301	1303	1307	rVB	49554	37178	2.80%	0.308%
27	9.804	1307	1312	1316	rBV2	1390344	1258377	94.81%	10.425%
28	10.010	1344	1347	1350	rVB3	37391	39147	2.95%	0.324%
29	10.045	1350	1353	1355	rBV3	17038	18284	1.38%	0.151%
30	10.075	1355	1358	1362	rVV4	24535	23916	1.80%	0.198%
31	10.222	1380	1383	1385	rBV3	29795	27471	2.07%	0.228%
32	10.251	1385	1388	1390	rVB	63706	53901	4.06%	0.447%
33	10.275	1390	1392	1394	rBV3	13196	14732	1.11%	0.122%
34	10.345	1402	1404	1406	rBV2	20580	16007	1.21%	0.133%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G44-0-1.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.469	1422	1425	1429	rVB	96020	89771	6.76%	0.744%
36	10.551	1437	1439	1442	rBV3	19983	22304	1.68%	0.185%
37	10.586	1442	1445	1449	rVV	129147	117676	8.87%	0.975%
38	10.733	1465	1470	1476	rVB	206609	284717	21.45%	2.359%
39	11.039	1518	1522	1527	rBV8	20999	40667	3.06%	0.337%
40	11.169	1541	1544	1546	rVV2	71220	61506	4.63%	0.510%
41	11.198	1546	1549	1553	rVB	141989	149079	11.23%	1.235%
42	11.286	1560	1564	1567	rBV	1132515	949448	71.53%	7.865%
43	11.310	1567	1568	1571	rVB2	64911	30605	2.31%	0.254%
44	11.510	1600	1602	1603	rBV2	24140	18053	1.36%	0.150%
45	11.551	1606	1609	1612	rVV	39181	43146	3.25%	0.357%
46	11.592	1613	1616	1619	rVB	59687	54313	4.09%	0.450%
47	11.816	1651	1654	1657	rVB2	40697	37096	2.79%	0.307%
48	11.892	1664	1667	1670	rBV3	33134	44087	3.32%	0.365%
49	11.998	1683	1685	1692	rBV	56420	53989	4.07%	0.447%
50	12.386	1749	1751	1754	rVB2	44420	38253	2.88%	0.317%
51	12.492	1766	1769	1773	rBV	102605	87283	6.58%	0.723%
52	12.721	1805	1808	1811	rVB	81203	61120	4.60%	0.506%
53	12.868	1829	1833	1836	rBV	508410	443032	33.38%	3.670%
54	13.351	1913	1915	1922	rVB2	54021	64609	4.87%	0.535%
55	13.915	2007	2011	2014	rBV	1008682	932115	70.23%	7.722%
56	15.345	2250	2254	2258	rVB	574850	655723	49.40%	5.432%

Sum of corrected areas: 12071207

LSC Report - Integrated Chromatogram

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Operator  : SJ/MA
Sample    : I3883-09 5X
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

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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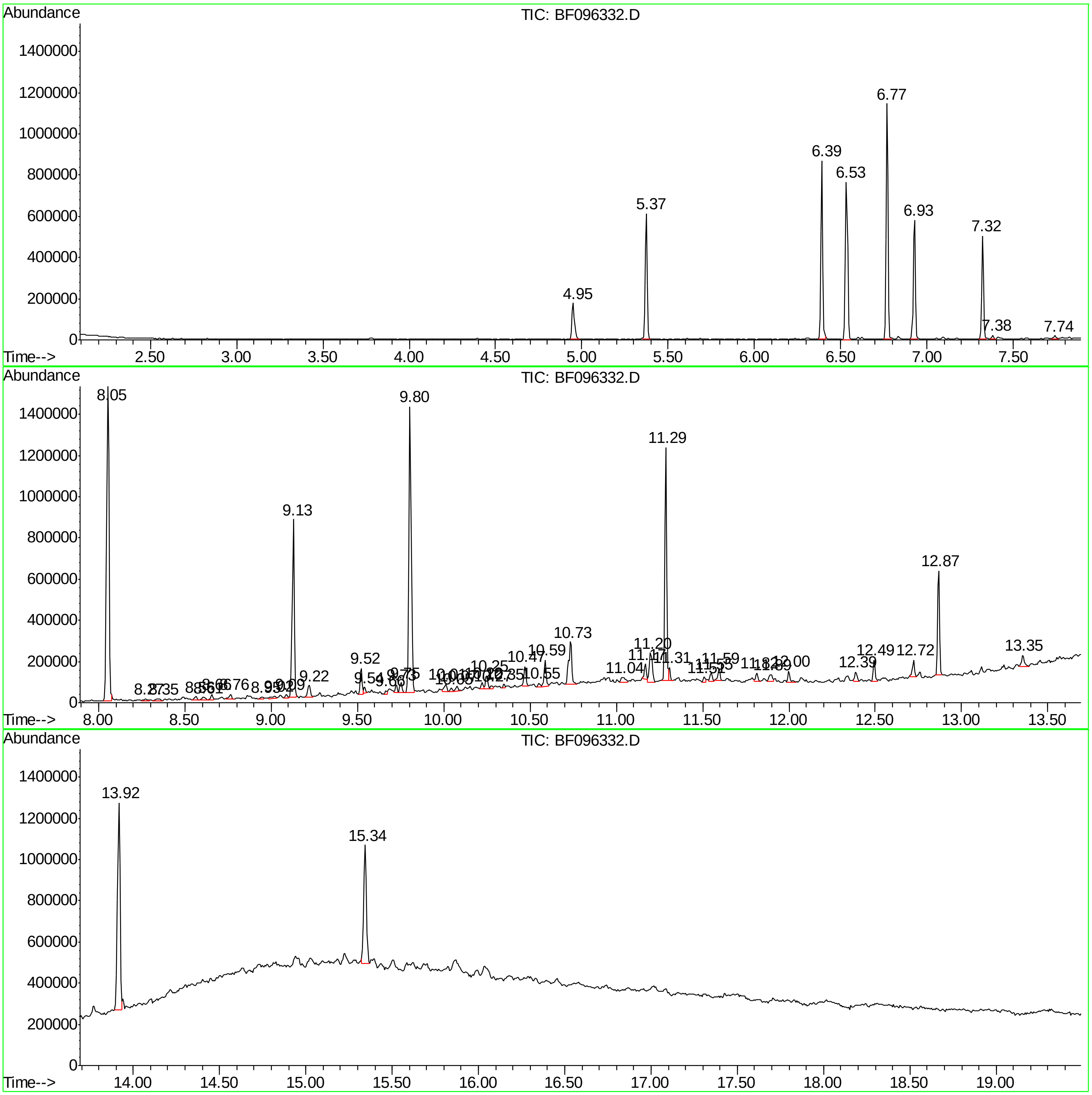
Instrument :
BNA_F
ClientSampleId :
G44-0-1.5



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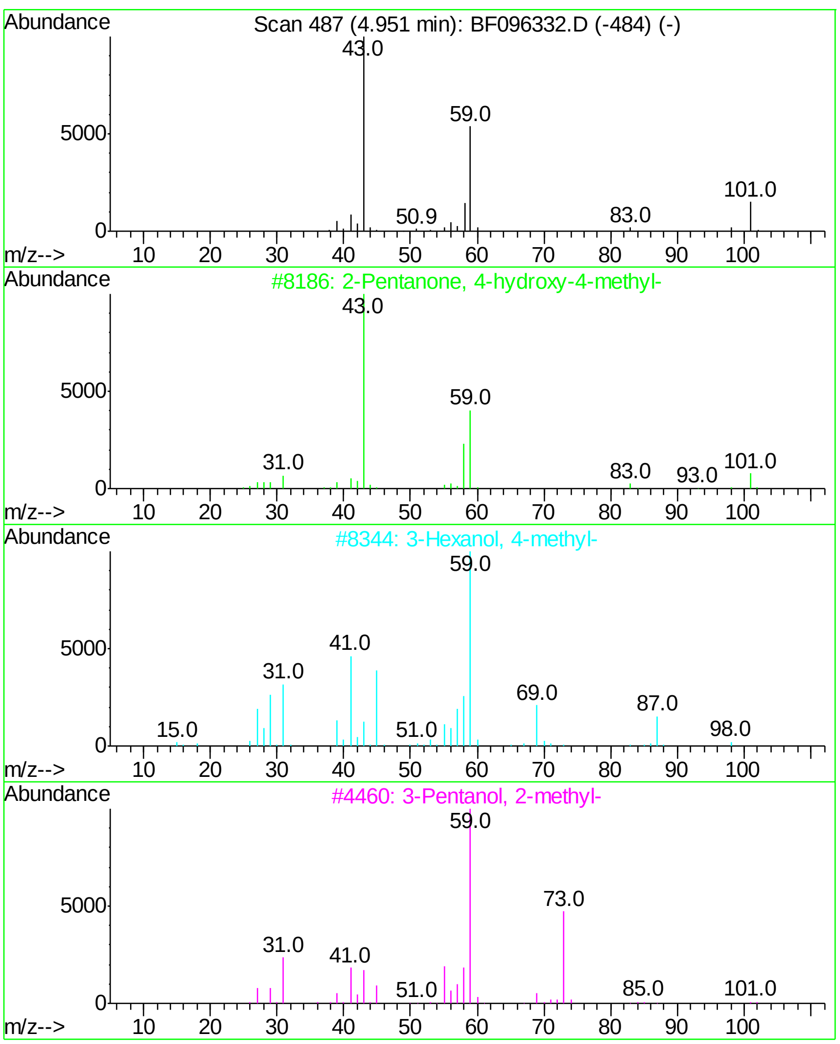
TIC Integration Parameters: LSCINT.P

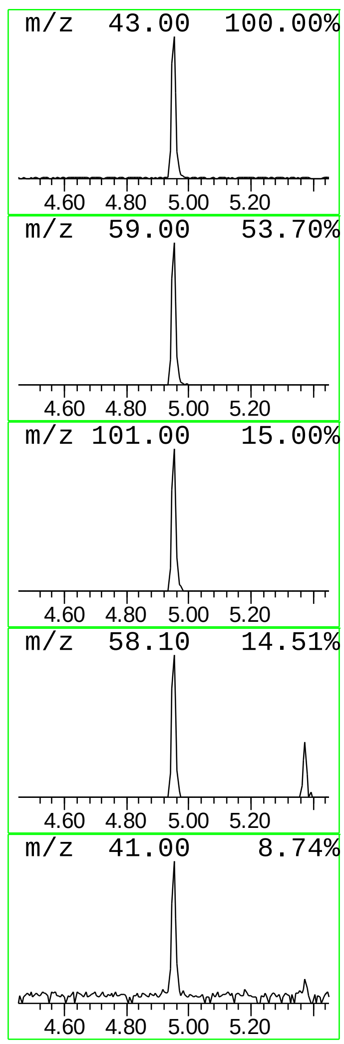
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.74 ng	176868	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
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TIC Library : C:\DATABASE\NIST11.L
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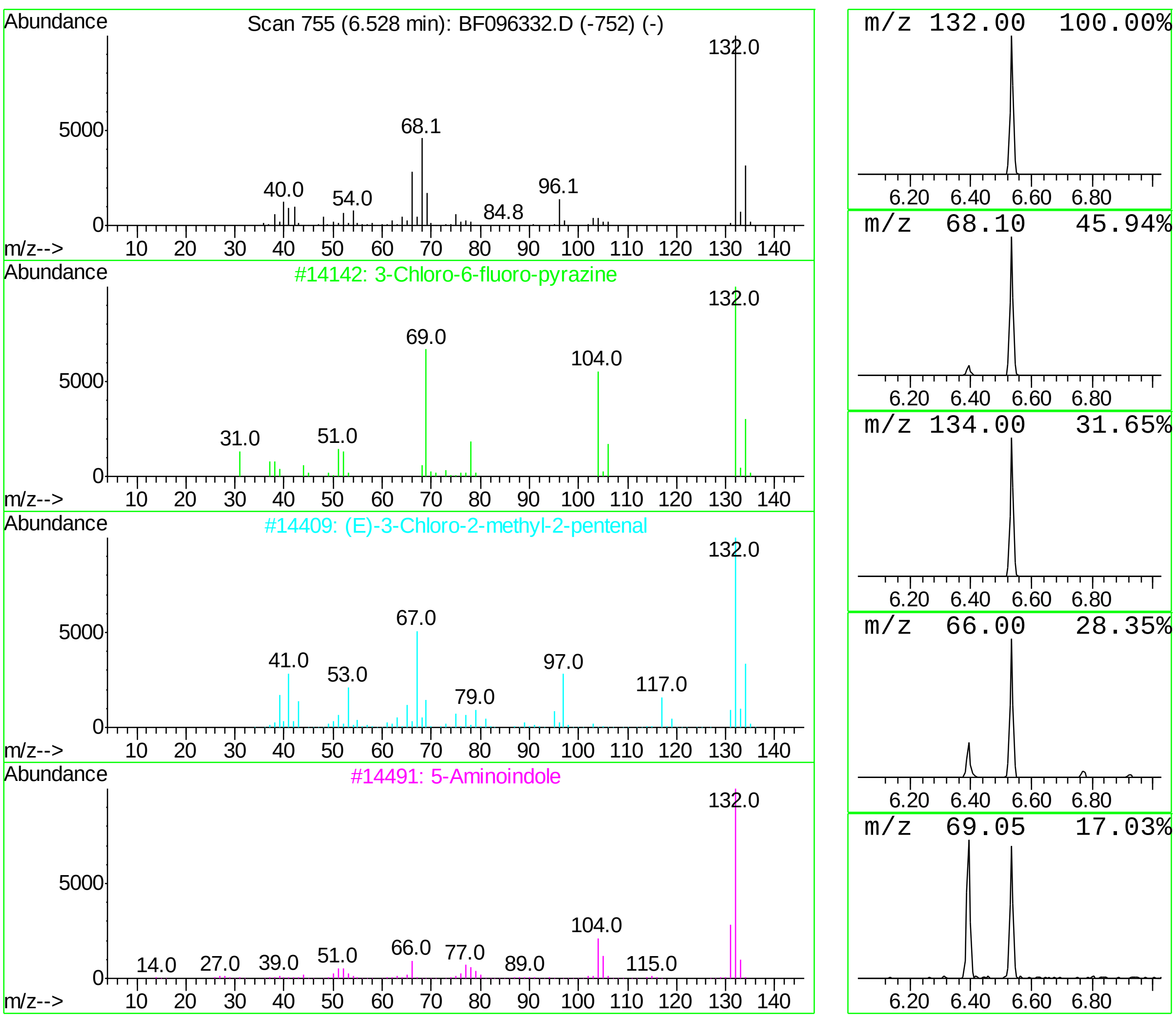
Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	13.03 ng	616761	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	30
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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Operator : SJ/MA
Sample : I3883-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Instrument :
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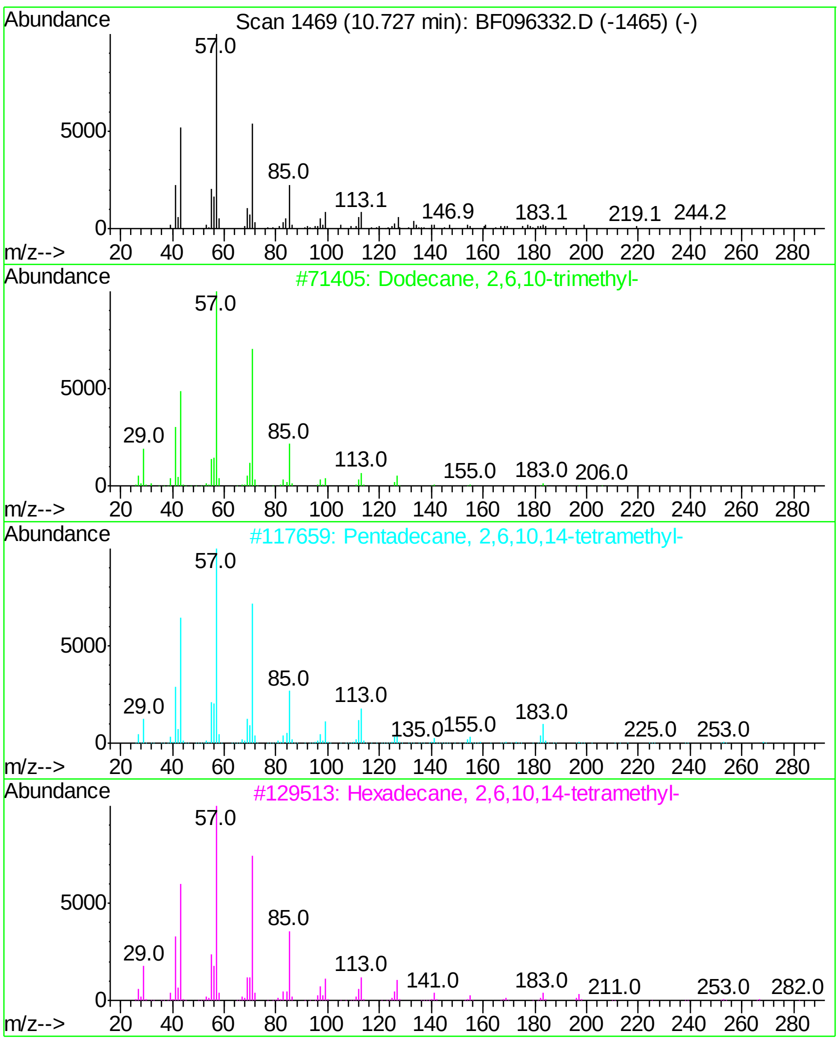
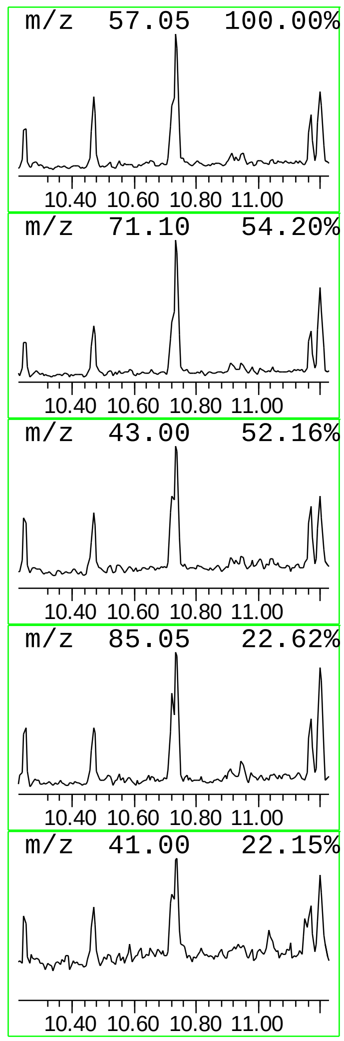
Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	6.00 ng	284717	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80





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Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

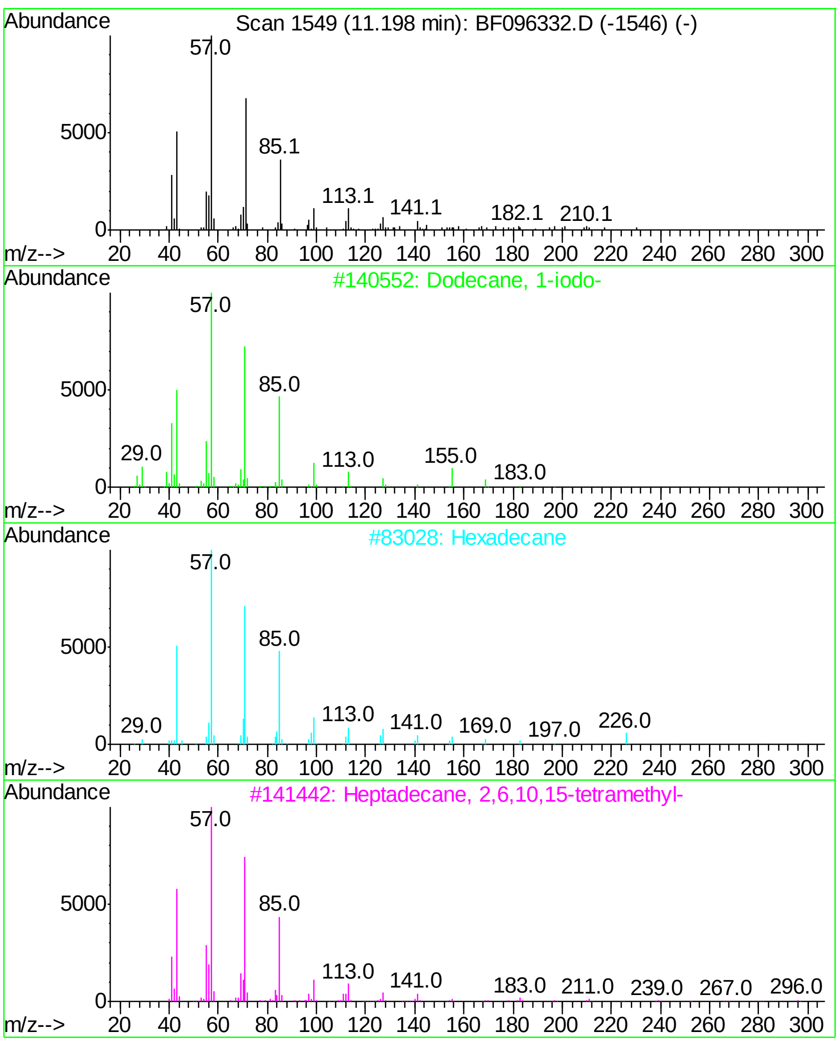
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

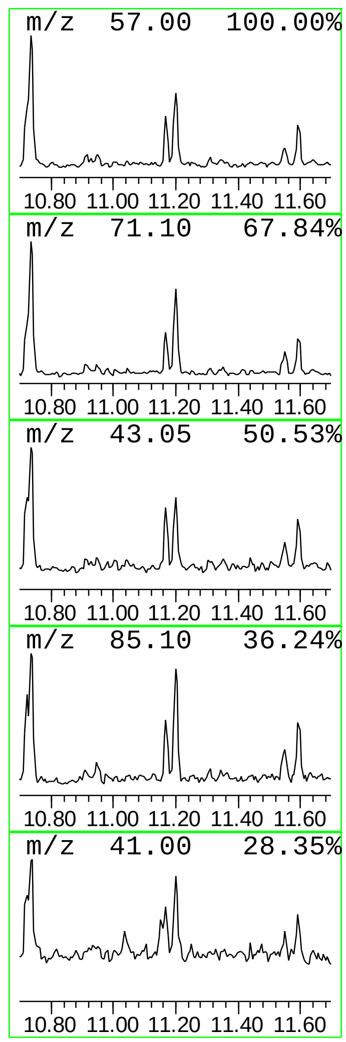
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.14 ng	149079	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Tetradecane	198	C14H30	000629-59-4	86





Tentatively Identified Compound (LSC) summary

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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	3.7	ng	176868	1	6.77	946943	20.0
unknown6.53	6.53	13.0	ng	616761	1	6.77	946943	20.0
Dodecane, 2,6,10-...	10.73	6.0	ng	284717	4	11.29	949448	20.0
Dodecane, 1-iodo-	11.20	3.1	ng	149079	4	11.29	949448	20.0