LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096517.D
Acq On : 6 Jul 2017 7:28
Operator : SJ/MA
Sample : I3975-09 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B8-2-4

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-BF070117.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	3.663	262	268	274	rVB2	19603	31255	1.89%	0.288%
2	4.881	472	475	482	rBV	48602	57647	3.48%	0.531%
3	5.281	539	543	545	rBV	44615	45092	2.73%	0.416%
4	5.316	545	549	556	rVB	435052	405716	24.53%	3.740%
5	5.545	586	588	591	rBV	29685	26971	1.63%	0.249%
6	6.251	704	708	715	rVB4	16049	23500	1.42%	0.217%
7	6.345	720	724	730	rVV	396474	391834	23.69%	3.612%
8	6.481	743	747	750	rBV	437181	396362	23.96%	3.654%
9	6.710	783	786	790	rBV	647214	538189	32.53%	4.961%
10	6.869	809	813	816	rBV	359240	293254	17.73%	2.703%
11	7.269	875	881	884	rBV	227578	211885	12.81%	1.953%
12	7.328	888	891	893	rVB	25274	21894	1.32%	0.202%
13	7.992	1000	1004	1007	rBV	773876	685509	41.44%	6.319%
14	8.433	1075	1079	1082	rBV	33435	29438	1.78%	0.271%
15	8.604	1104	1108	1113	rBV	38285	34874	2.11%	0.321%
16	8.710	1121	1126	1130	rVB	58932	54503	3.29%	0.502%
17	8.810	1139	1143	1147	rBV	37876	37315	2.26%	0.344%
18	9.033	1178	1181	1184	rVB	25296	19964	1.21%	0.184%
19	9.069	1184	1187	1191	rBV	428424	347675	21.02%	3.205%
20	9.169	1200	1204	1207	rBV2	55875	52972	3.20%	0.488%
21	9.333	1229	1232	1237	rBV2	17379	22542	1.36%	0.208%
22	9.410	1242	1245	1247	rVV	30497	28235	1.71%	0.260%
23	9.433	1247	1249	1252	rVB	24727	19261	1.16%	0.178%
24	9.463	1252	1254	1257	rBV	125830	105905	6.40%	0.976%
25	9.486	1257	1258	1260	rVB2	32498	19608	1.19%	0.181%
26	9.610	1275	1279	1283	rBV	23078	24958	1.51%	0.230%
27	9.698	1291	1294	1297	rBV	52445	45441	2.75%	0.419%
28	9.745	1297	1302	1306	rBV	580283	573026	34.64%	5.282%
29	9.951	1334	1337	1341	rVB2	28483	26790	1.62%	0.247%
30	10.163	1368	1373	1376	rBV3	23634	27293	1.65%	0.252%
31	10.192	1376	1378	1381	rVB	54353	44729	2.70%	0.412%
32	10.292	1392	1395	1397	rBV2	24804	20882	1.26%	0.193%
33	10.416	1412	1416	1418	rBV	36444	38033	2.30%	0.351%
34	10.457	1418	1423	1428	rVB5	12780	21325	1.29%	0.197%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.533	1432	1436	1440	rVV	179647	175146	10.59%	1.615%
36	10.669	1455	1459	1460	rBV2	62971	70487	4.26%	0.650%
37	10.680	1460	1461	1465	rVB	77749	51620	3.12%	0.476%
38	11.086	1526	1530	1532	rBV4	14709	20825	1.26%	0.192%
39	11.116	1532	1535	1537	rVV	65977	62910	3.80%	0.580%
40	11.145	1537	1540	1544	rVB	44863	45865	2.77%	0.423%
41	11.227	1551	1554	1557	rBV	653672	574610	34.74%	5.297%
42	11.251	1557	1558	1561	rVV	127916	68863	4.16%	0.635%
43	11.304	1561	1567	1570	rVB	55262	59516	3.60%	0.549%
44	11.492	1597	1599	1603	rBV5	16481	19503	1.18%	0.180%
45	11.539	1605	1607	1609	rBV	54214	43219	2.61%	0.398%
46	11.727	1637	1639	1642	rBV2	23806	26362	1.59%	0.243%
47	11.757	1642	1644	1648	rVB	52517	48929	2.96%	0.451%
48	11.804	1648	1652	1655	rBV3	29081	35747	2.16%	0.330%
49	11.839	1655	1658	1660	rVV	46649	52828	3.19%	0.487%
50	11.863	1660	1662	1666	rVB	32574	36762	2.22%	0.339%
51	11.945	1674	1676	1682	rVB	45926	43310	2.62%	0.399%
52	12.045	1691	1693	1699	rVB7	21978	24653	1.49%	0.227%
53	12.227	1722	1724	1727	rBV3	27999	18970	1.15%	0.175%
54	12.280	1730	1733	1736	rVV	41954	51238	3.10%	0.472%
55	12.333	1740	1742	1744	rVV	75880	64819	3.92%	0.598%
56	12.363	1744	1747	1750	rVB5	27197	35050	2.12%	0.323%
57	12.439	1757	1760	1764	rBV	176276	154719	9.35%	1.426%
58	12.663	1795	1798	1803	rVB	133290	114714	6.93%	1.057%
59	12.704	1803	1805	1808	rVB2	38774	32843	1.99%	0.303%
60	12.810	1820	1823	1828	rBV	367806	346993	20.98%	3.199%
61	12.998	1852	1855	1859	rBV5	44890	52421	3.17%	0.483%
62	13.063	1864	1866	1870	rVB	85715	73153	4.42%	0.674%
63	13.098	1870	1872	1877	rBV6	52878	90400	5.46%	0.833%
64	13.215	1890	1892	1897	rBV5	44266	74265	4.49%	0.685%
65	13.298	1902	1906	1911	rVB	1699022	1654208	100.00%	15.249%
66	13.404	1922	1924	1929	rVB	101263	99911	6.04%	0.921%
67	13.862	1998	2002	2005	rBV	1614781	1536162	92.86%	14.161%
68	15.274	2239	2242	2245	rVB	255118	262776	15.89%	2.422%

Sum of corrected areas: 10847674

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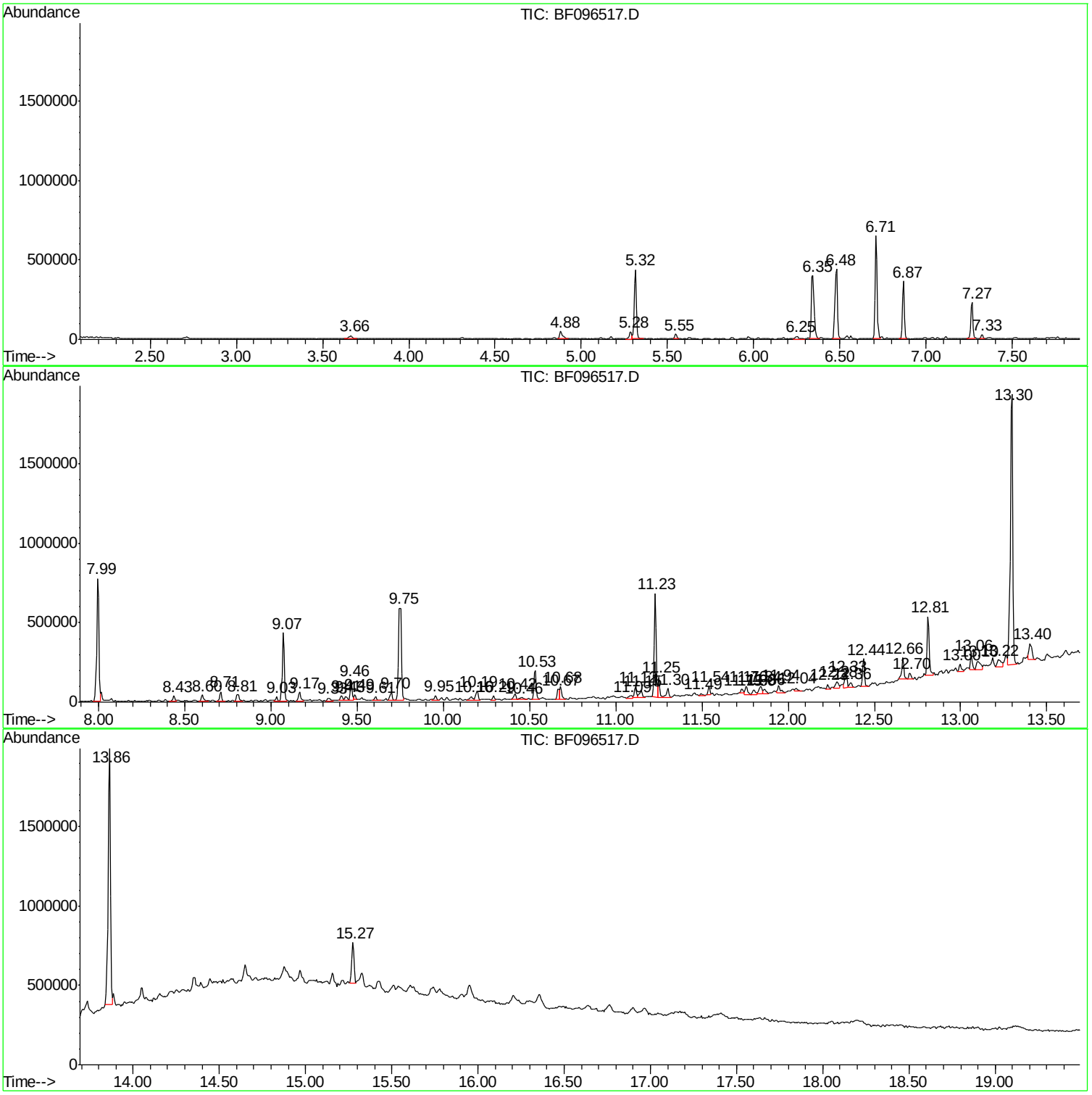
Instrument :
BNA_F
ClientSampleId :
B8-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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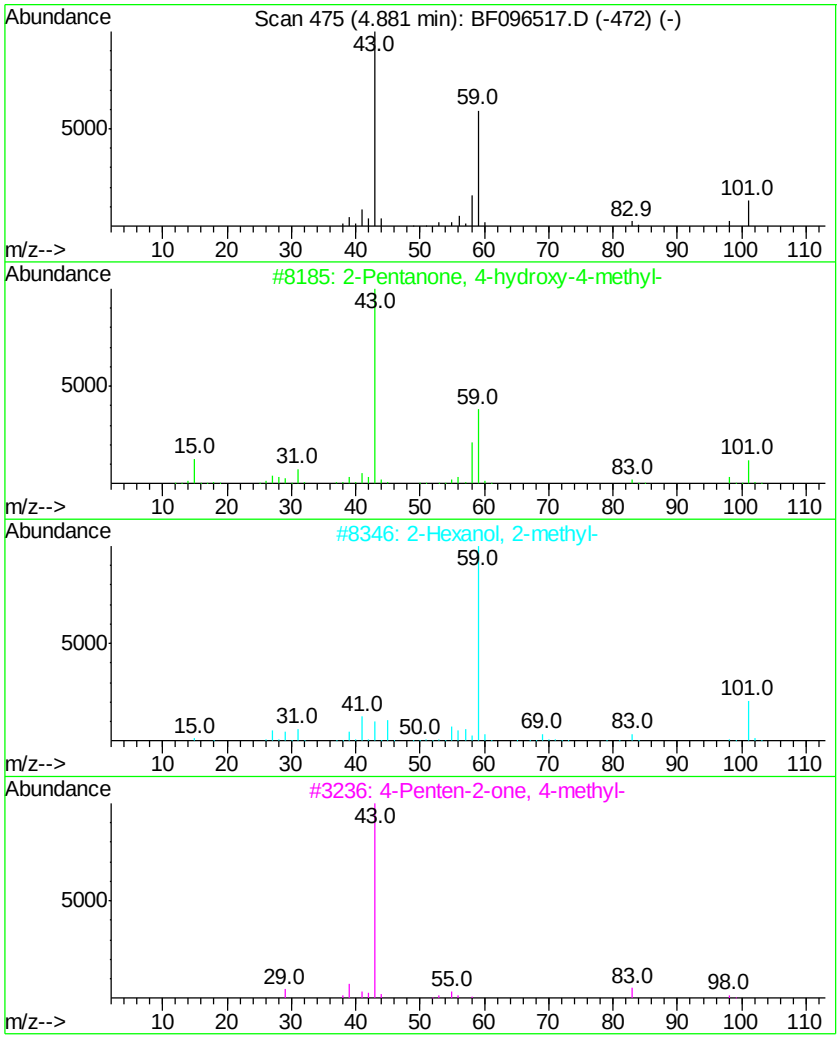
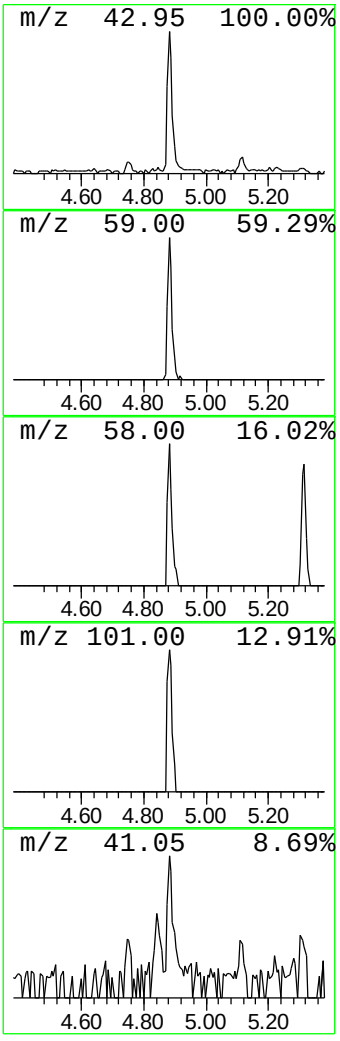
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	2.14 ng	57647	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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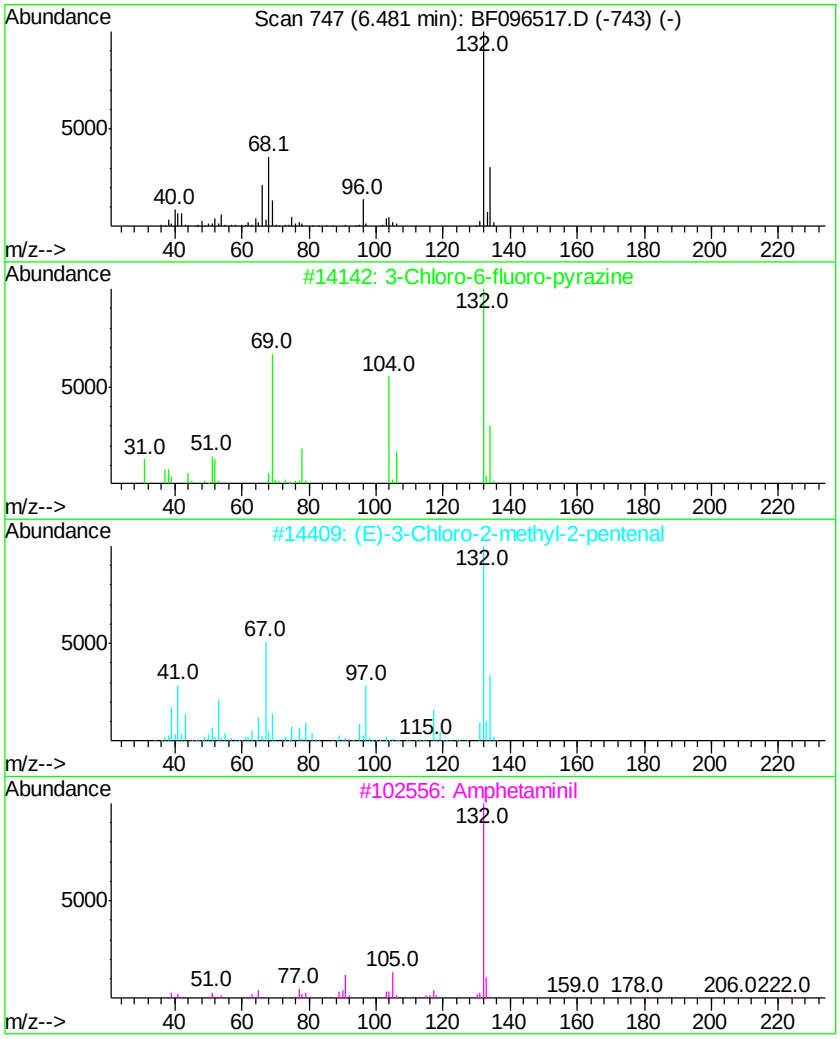
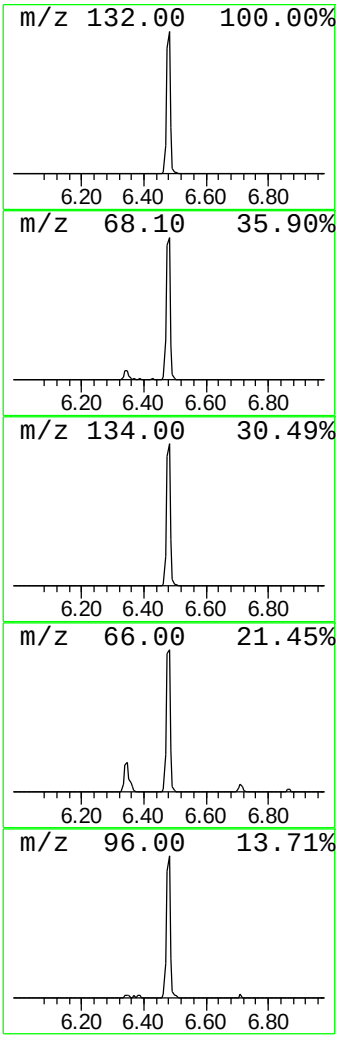
Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	14.73 ng	396362	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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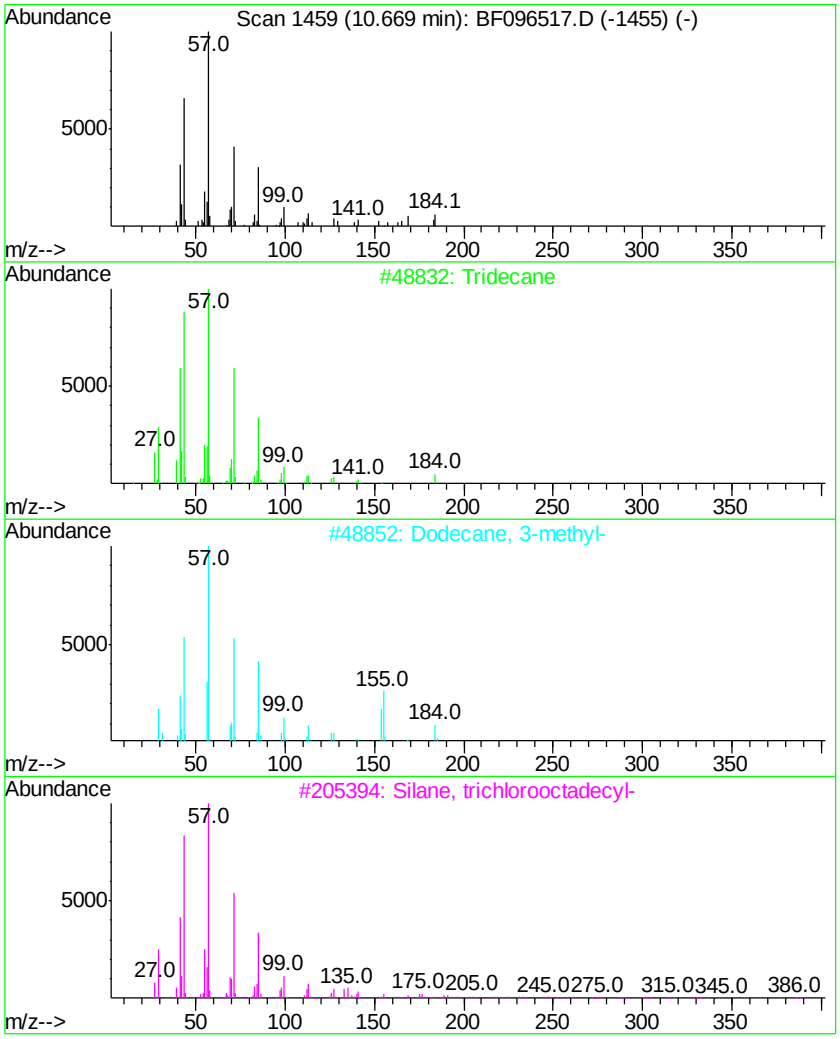
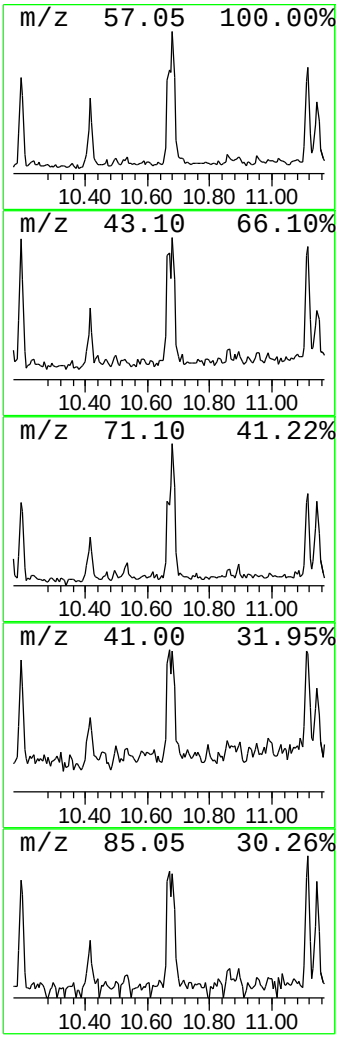
Peak Number 4 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.45 ng	70487	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	87
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
4	Dodecane	170	C12H26	000112-40-3	78
5	Pentadecane	212	C15H32	000629-62-9	78





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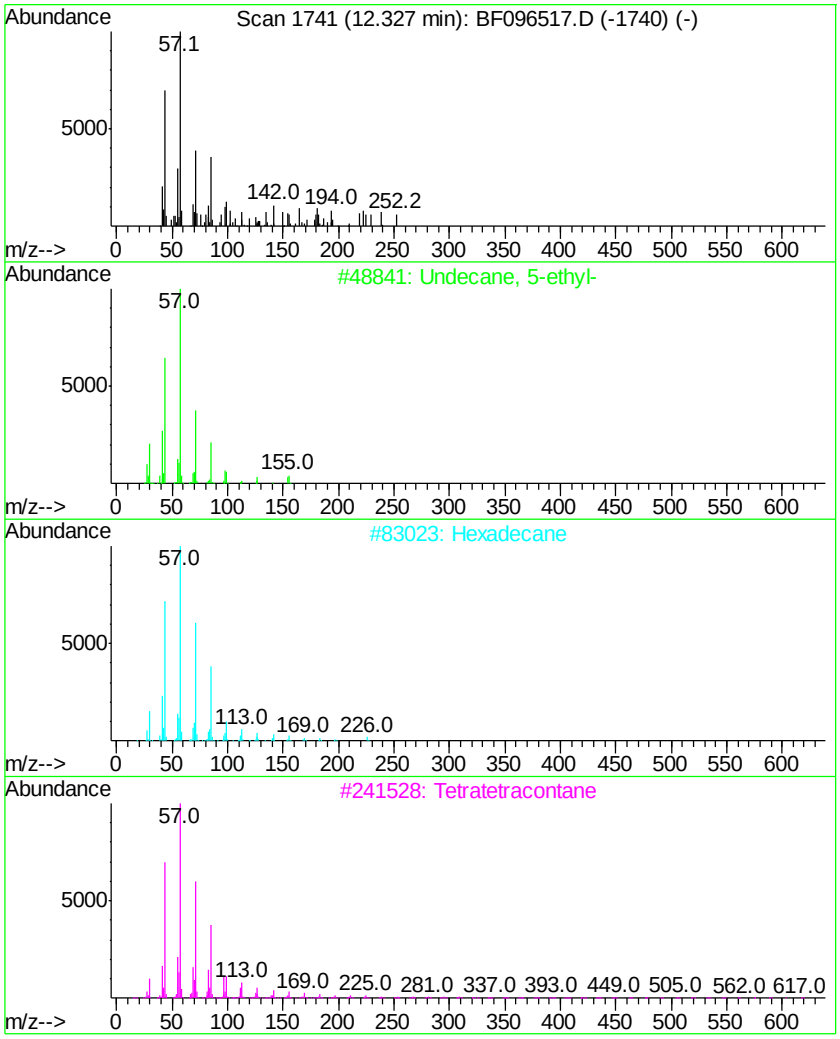
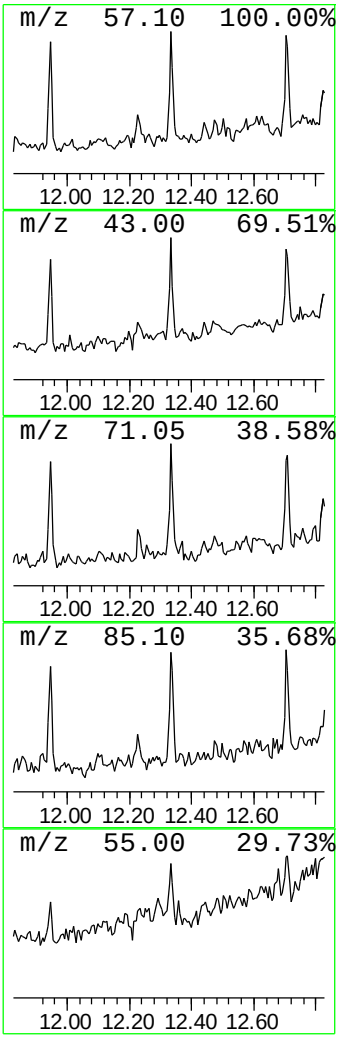
Peak Number 7 Undecane, 5-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.26 ng	64819	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
2	Hexadecane	226	C16H34	000544-76-3	53
3	Tetratetracontane	619	C44H90	007098-22-8	52
4	Hexacosane	366	C26H54	000630-01-3	52
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	52





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...	4.88	2.1	ng	57647	1	6.71	538189	20.0
unknown6.48	6.48	14.7	ng	396362	1	6.71	538189	20.0
Tridecane	10.67	2.5	ng	70487	4	11.23	574610	20.0
Undecane, 5-ethyl-	12.33	2.3	ng	64819	4	11.23	574610	20.0