LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088726.D
Acq On : 6 Jul 2016 2:33
Operator : UM/SJ
Sample : H3881-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q5-B1-0-11-C

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-BF063016.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	1.712	10	11	20	rVB	130496	210519	8.23%	0.822%
2	1.838	20	22	35	rVB	821566	1561388	61.05%	6.099%
3	4.947	291	294	299	rBB	108902	147351	5.76%	0.576%
4	5.370	328	331	333	rBV	2094018	2180838	85.28%	8.518%
5	6.410	419	422	425	rVB	1839313	2278087	89.08%	8.898%
6	6.547	431	434	436	rBV	1953009	2557417	100.00%	9.989%
7	6.776	452	454	456	rBV	715964	643144	25.15%	2.512%
8	6.936	465	468	470	rVB	1747959	1968959	76.99%	7.691%
9	7.336	500	503	506	rBV	1268711	1443403	56.44%	5.638%
10	7.439	509	512	516	rBB	18105	25814	1.01%	0.101%
11	8.056	564	566	569	rBV	930198	820086	32.07%	3.203%
12	9.142	658	661	663	rBV	1836063	2547440	99.61%	9.950%
13	9.530	693	695	697	rBV	437213	389394	15.23%	1.521%
14	9.805	717	719	721	rVV	916046	821887	32.14%	3.210%
15	9.839	721	722	724	rVB	55188	39760	1.55%	0.155%
16	10.010	735	737	739	rVB	33006	26002	1.02%	0.102%
17	10.250	757	758	759	rVB	54416	37302	1.46%	0.146%
18	10.353	765	767	769	rBV	36865	40475	1.58%	0.158%
19	10.593	785	788	790	rBV	1388236	1372420	53.66%	5.361%
20	10.639	790	792	794	rVB	52454	56142	2.20%	0.219%
21	10.719	797	799	803	rVB	63867	67833	2.65%	0.265%
22	10.913	810	816	820	rBV4	13153	42487	1.66%	0.166%
23	11.165	837	838	844	rVB	88018	111673	4.37%	0.436%
24	11.279	846	848	852	rVV2	648079	1026839	40.15%	4.011%
25	11.359	852	855	856	rVB	96408	108907	4.26%	0.425%
26	11.508	866	868	870	rVB	28961	27172	1.06%	0.106%
27	11.588	873	875	879	rVB	43683	52811	2.07%	0.206%
28	11.782	890	892	893	rBV	41853	32583	1.27%	0.127%
29	11.805	893	894	897	rVB	40599	46999	1.84%	0.184%
30	11.896	900	902	906	rVB	52150	83399	3.26%	0.326%
31	12.079	916	918	922	rVB	28206	38711	1.51%	0.151%
32	12.491	952	954	956	rBV	288575	305052	11.93%	1.192%
33	12.708	970	973	976	rBV2	226168	309244	12.09%	1.208%
34	12.776	976	979	981	rVB3	16141	27401	1.07%	0.107%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.868	985	987	989	rVB	1889265	1756645	68.69%	6.861%
36	12.936	989	993	997	rVB2	16526	26377	1.03%	0.103%
37	13.039	999	1002	1004	rVB	34164	50594	1.98%	0.198%
38	13.108	1006	1008	1010	rBV	37734	37714	1.47%	0.147%
39	13.542	1043	1046	1051	rBV3	15095	31313	1.22%	0.122%
40	13.657	1053	1056	1057	rBV2	20644	26273	1.03%	0.103%
41	13.702	1057	1060	1063	rBV2	10751	29232	1.14%	0.114%
42	13.782	1065	1067	1074	rVB3	47290	94262	3.69%	0.368%
43	13.908	1075	1078	1079	rBV2	656158	734721	28.73%	2.870%
44	14.388	1117	1120	1121	rBV3	17725	26220	1.03%	0.102%
45	14.754	1150	1152	1155	rVB	30854	36458	1.43%	0.142%
46	14.902	1162	1165	1170	rBV	112148	238171	9.31%	0.930%
47	15.005	1172	1174	1176	rVB	31506	38636	1.51%	0.151%
48	15.177	1187	1189	1192	rVB	64978	88090	3.44%	0.344%
49	15.234	1192	1194	1197	rBV	91965	113387	4.43%	0.443%
50	15.302	1197	1200	1202	rBV	355743	568405	22.23%	2.220%
51	15.748	1236	1239	1241	rBV2	18973	36133	1.41%	0.141%
52	15.942	1255	1256	1262	rVB5	19431	41889	1.64%	0.164%
53	16.205	1277	1279	1285	rVB4	14281	31192	1.22%	0.122%
54	16.617	1312	1315	1319	rVB2	38754	77050	3.01%	0.301%
55	17.017	1347	1350	1356	rVB	29183	70352	2.75%	0.275%

Sum of corrected areas: 25602053

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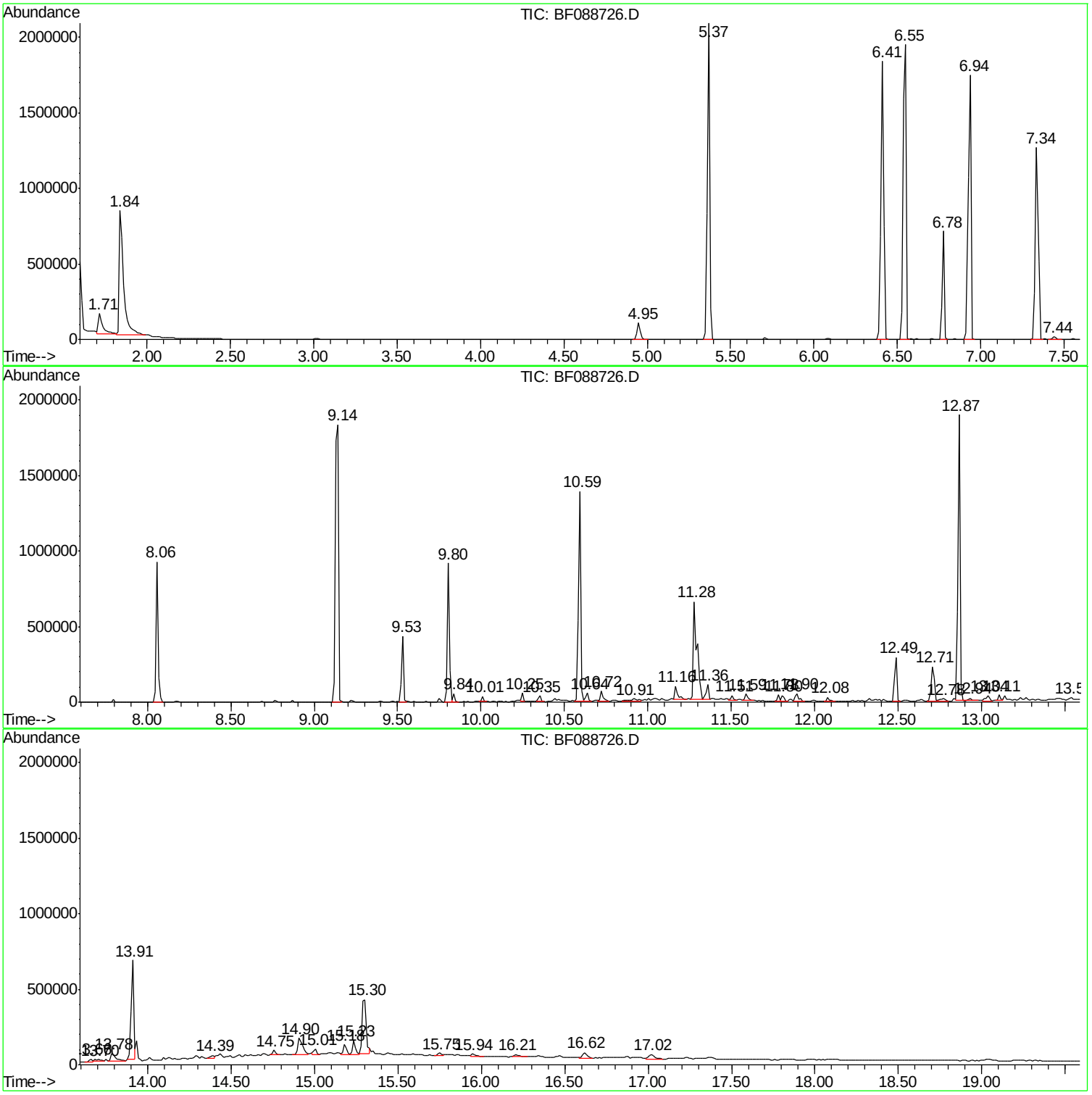
Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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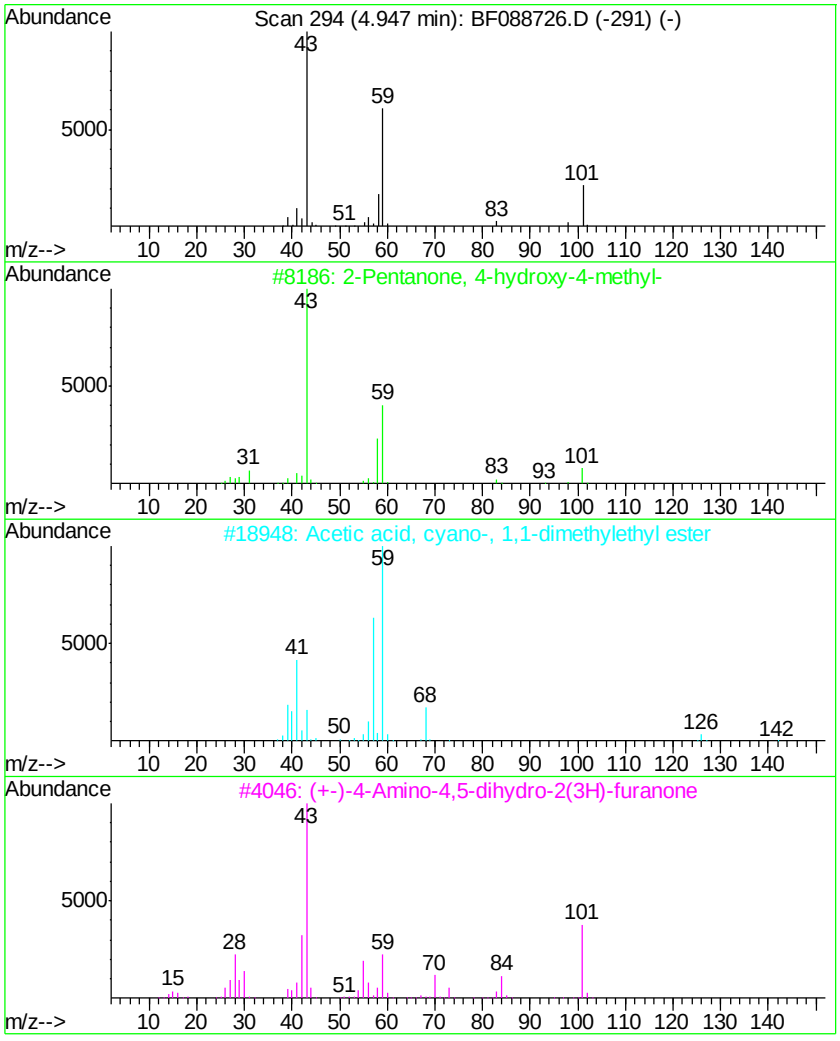
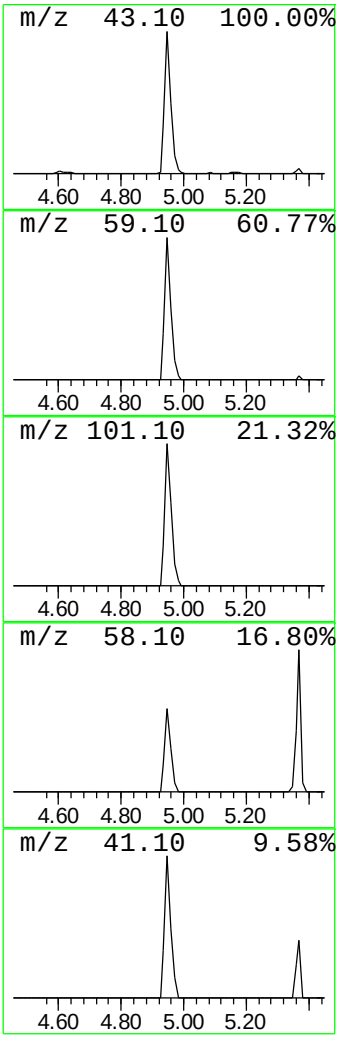
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	4.58 ng	147351	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ClientSampleId : Q5-B1-0-11-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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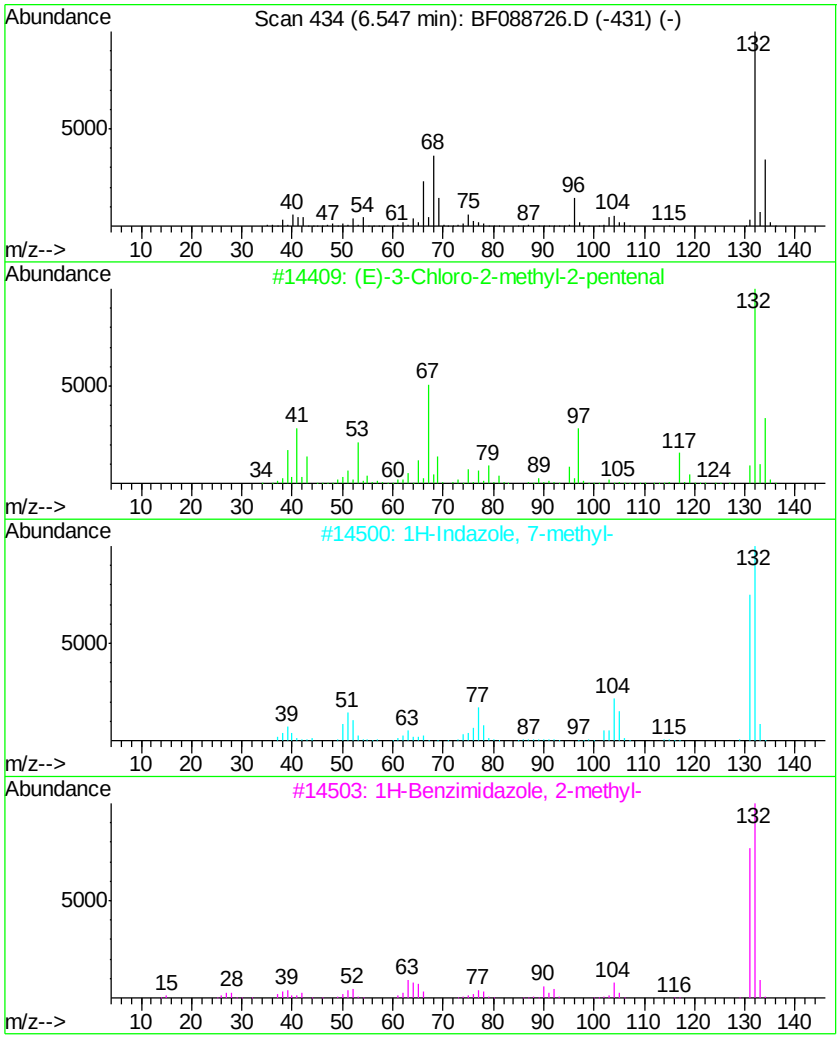
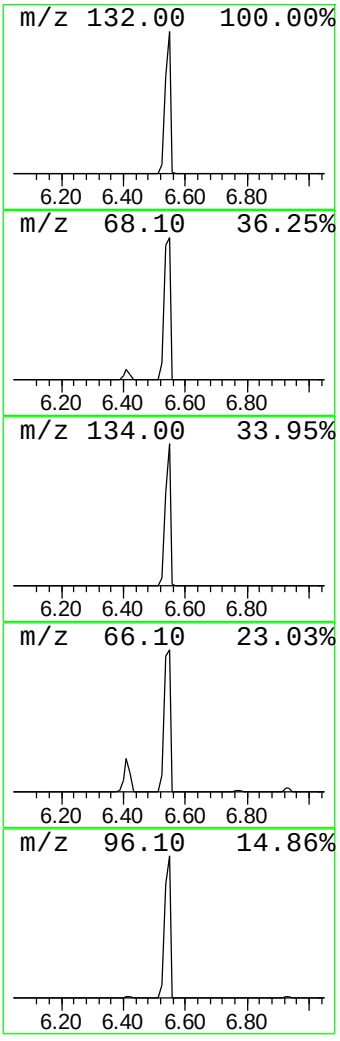
Peak Number 4 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	79.53 ng	2557420	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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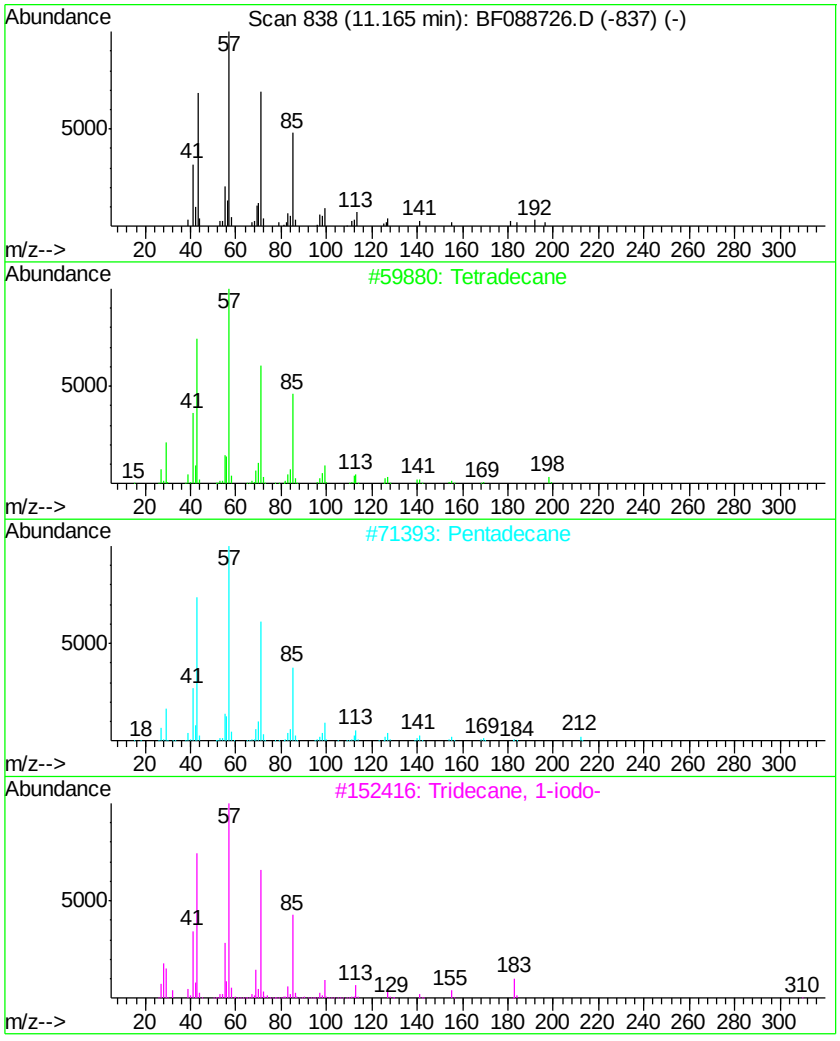
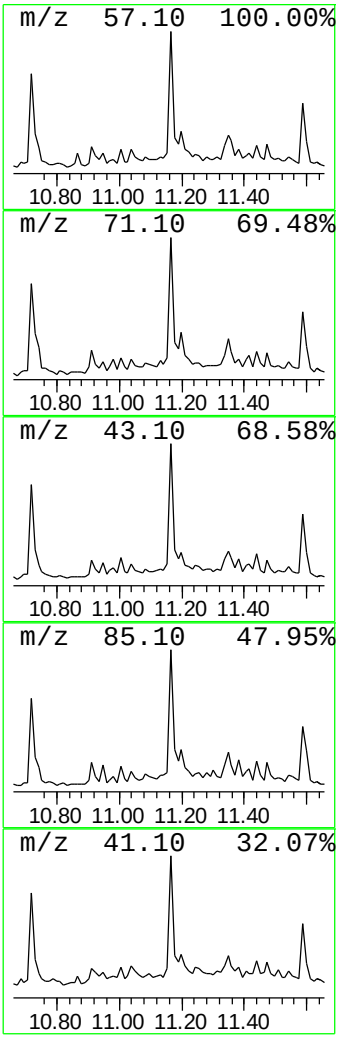
Peak Number 6 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	2.18 ng	111673	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tridecane	184	C13H28	000629-50-5	81
5	Heptadecane	240	C17H36	000629-78-7	72





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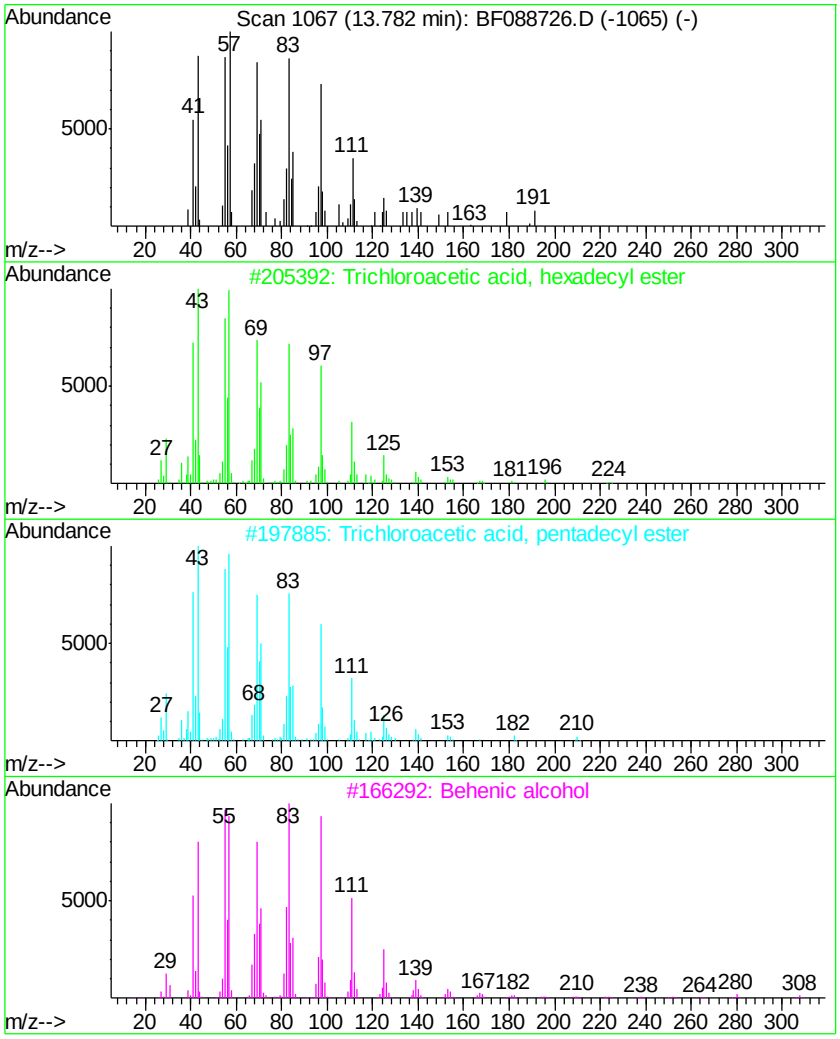
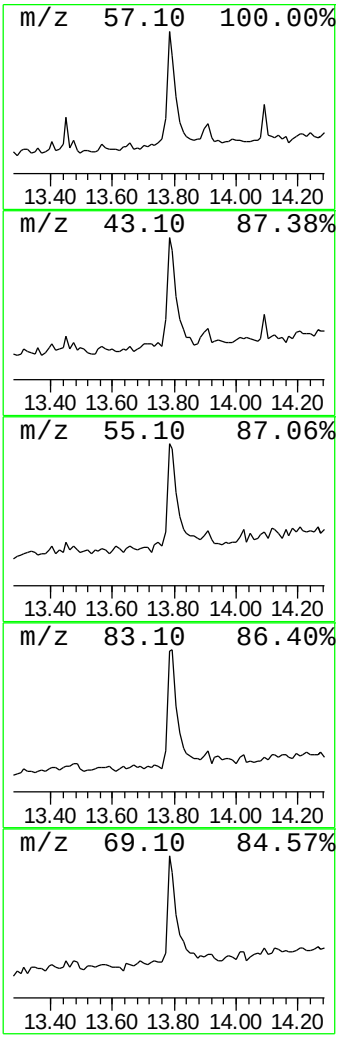
Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.57 ng	94262	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.95	4.6	ng	147351	1	6.78	643144	20.0
unknown6.55	6.55	79.5	ng	2557420	1	6.78	643144	20.0
Tetradecane	11.16	2.2	ng	111673	4	11.28	1026840	20.0
Trichloroacetic a...	13.78	2.6	ng	94262	5	13.91	734721	20.0