LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093175.D
Acq On : 25 Feb 2017 7:00
Operator : SJ/MA
Sample : I1973-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-B2-BASE-1

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-BF013017.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	4.990	252	254	269	rBV	1009565	1519432	41.35%	4.684%
2	5.424	290	292	295	rBV	2988571	3047908	82.94%	9.395%
3	6.476	381	384	386	rBV	3417976	3674904	100.00%	11.328%
4	6.602	392	395	397	rBV	3612219	3328146	90.56%	10.259%
5	6.830	413	415	418	rBV	1117278	950447	25.86%	2.930%
6	6.990	426	429	431	rBV	2842425	2557969	69.61%	7.885%
7	7.402	462	465	468	rBV	2008865	2034287	55.36%	6.271%
8	8.122	526	528	536	rVB	1474582	1272054	34.61%	3.921%
9	9.196	620	622	625	rBV	2589111	3181755	86.58%	9.808%
10	9.596	655	657	659	rBV	459050	374624	10.19%	1.155%
11	9.813	674	676	677	rBV	38689	45559	1.24%	0.140%
12	9.871	679	681	684	rVV	859590	1194579	32.51%	3.682%
13	10.282	715	717	718	rBV	58083	51440	1.40%	0.159%
14	10.305	718	719	721	rVB	95570	79975	2.18%	0.247%
15	10.522	736	738	742	rBV	31534	54868	1.49%	0.169%
16	10.671	748	751	753	rBV	1250251	1548953	42.15%	4.775%
17	10.785	759	761	766	rVB	93067	145159	3.95%	0.447%
18	10.991	775	779	782	rBV3	16086	43140	1.17%	0.133%
19	11.231	797	800	801	rBV	95765	97662	2.66%	0.301%
20	11.254	801	802	806	rVB	35471	42280	1.15%	0.130%
21	11.368	809	812	815	rBV	701541	1146888	31.21%	3.535%
22	11.436	815	818	820	rVB	47752	65085	1.77%	0.201%
23	11.596	828	832	835	rBV3	76631	136786	3.72%	0.422%
24	11.654	835	837	840	rVB	117055	102356	2.79%	0.316%
25	11.974	864	865	869	rVB2	37390	59189	1.61%	0.182%
26	12.065	871	873	875	rVV	60052	63470	1.73%	0.196%
27	12.454	905	907	909	rVB	60944	63345	1.72%	0.195%
28	12.579	915	918	920	rBV	227518	282449	7.69%	0.871%
29	12.808	933	938	941	rBV3	174735	343764	9.35%	1.060%
30	12.945	948	950	953	rVB	1854072	1849712	50.33%	5.702%
31	13.128	963	966	968	rBV	25441	43076	1.17%	0.133%
32	13.174	968	970	974	rVV2	44341	61630	1.68%	0.190%
33	13.231	974	975	979	rVB2	25746	37763	1.03%	0.116%
34	13.517	998	1000	1002	rBV	35518	44502	1.21%	0.137%

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Instrument : BNA_F
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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.745	1017	1020	1022	rBV	17988	38002	1.03%	0.117%
36	13.848	1027	1029	1035	rVB	120201	147522	4.01%	0.455%
37	13.997	1039	1042	1044	rBV	740455	1048779	28.54%	3.233%
38	14.157	1053	1056	1059	rBV3	21972	50689	1.38%	0.156%
39	14.465	1080	1083	1086	rBV3	28398	45201	1.23%	0.139%
40	15.025	1129	1132	1136	rBV	118749	227477	6.19%	0.701%
41	15.311	1155	1157	1160	rVB	64831	82366	2.24%	0.254%
42	15.368	1160	1162	1165	rBV	74187	112887	3.07%	0.348%
43	15.437	1165	1168	1174	rVB	609611	832422	22.65%	2.566%
44	15.860	1202	1205	1209	rBV2	29398	54936	1.49%	0.169%
45	16.328	1243	1246	1252	rVB4	23450	54185	1.47%	0.167%
46	16.843	1288	1291	1293	rBV2	29066	61898	1.68%	0.191%
47	16.888	1293	1295	1299	rVB2	20086	47120	1.28%	0.145%
48	17.266	1325	1328	1330	rBV	19729	40853	1.11%	0.126%
49	17.551	1350	1353	1358	rVB4	17904	52154	1.42%	0.161%

Sum of corrected areas: 32441647

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BNA_F
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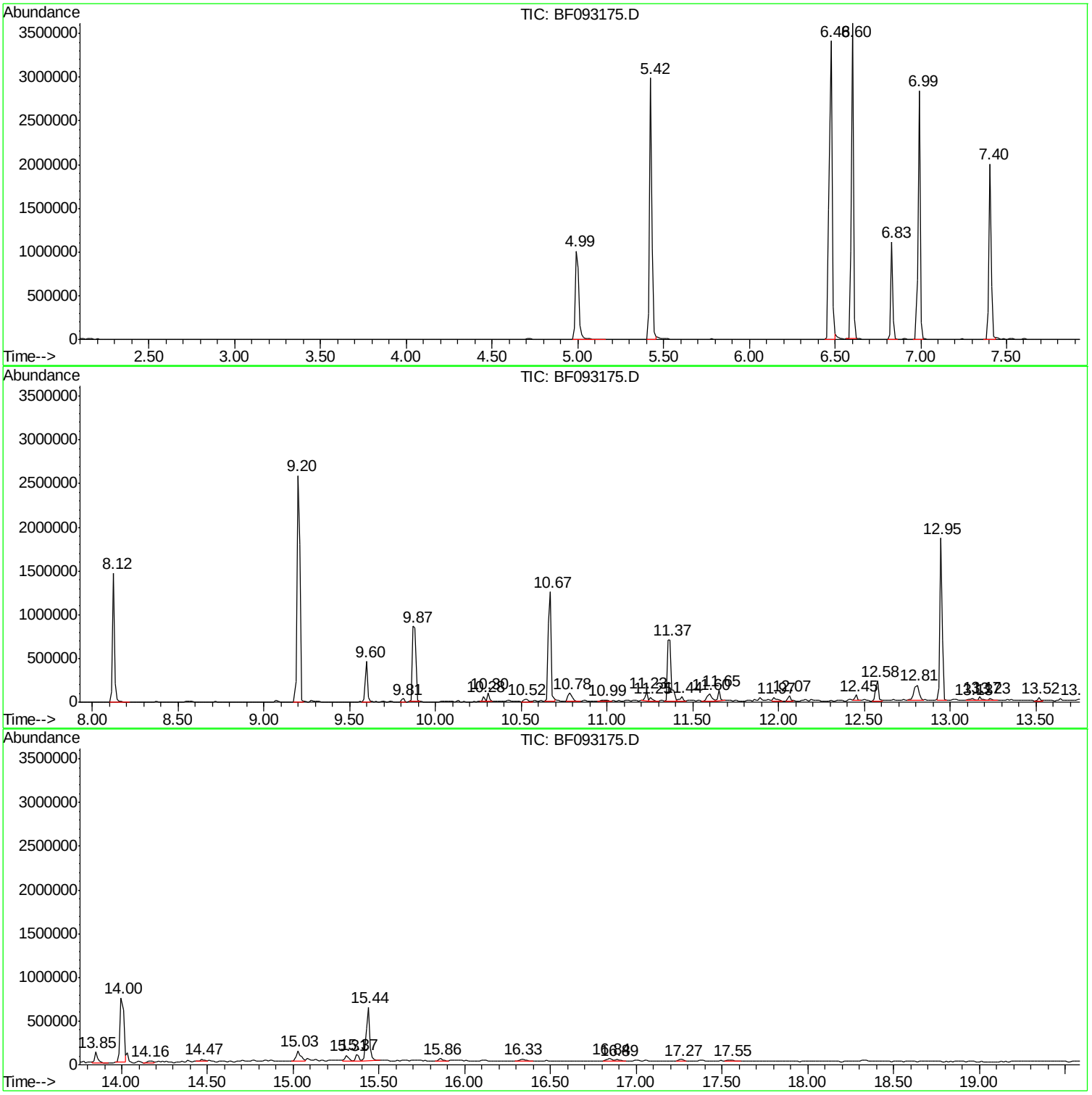
E2-B1-B2-BASE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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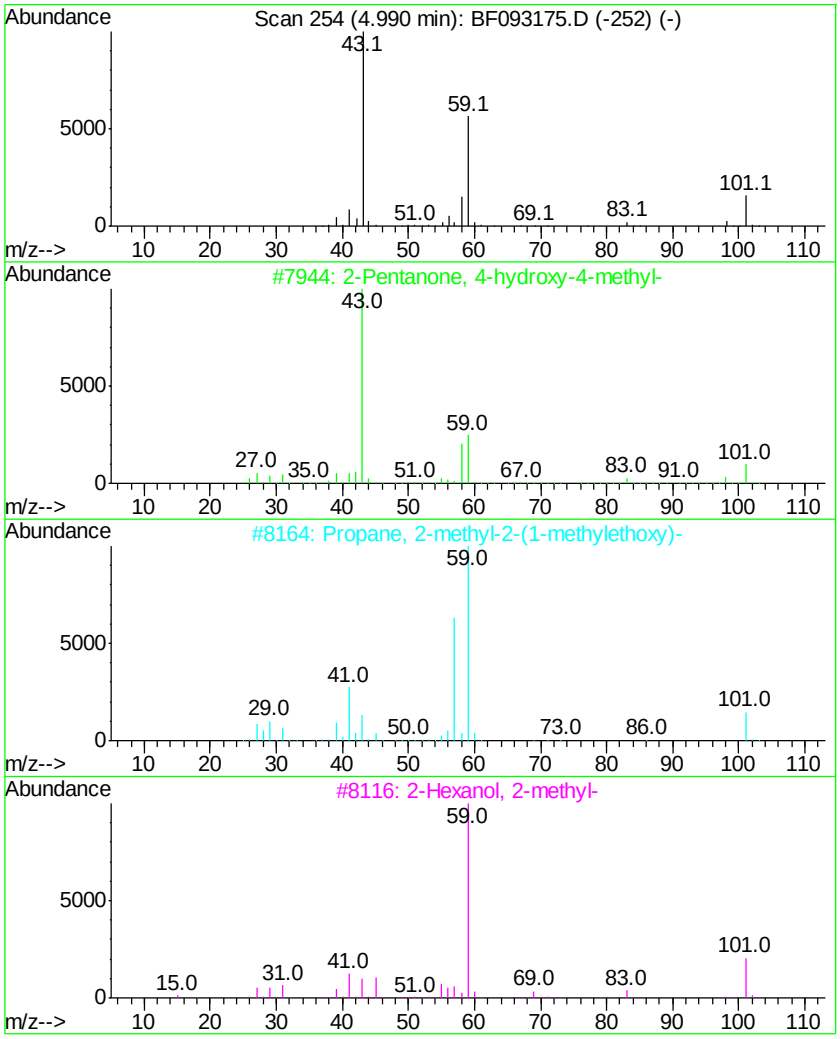
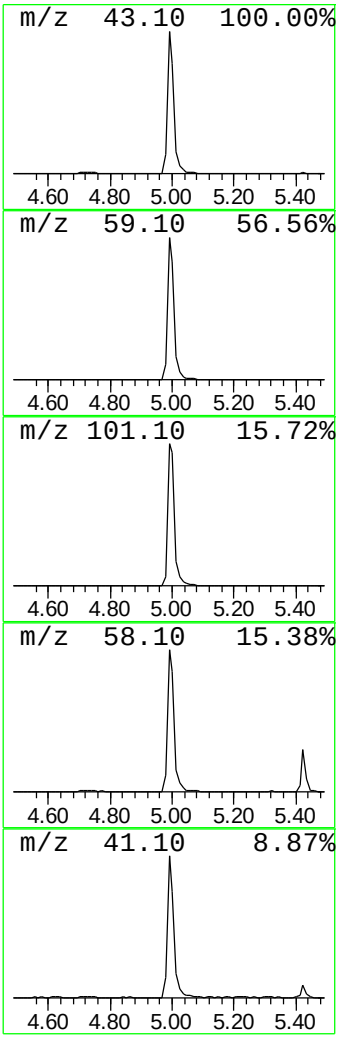
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	31.97 ng	1519430	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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ClientSampleId : E2-B1-B2-BASE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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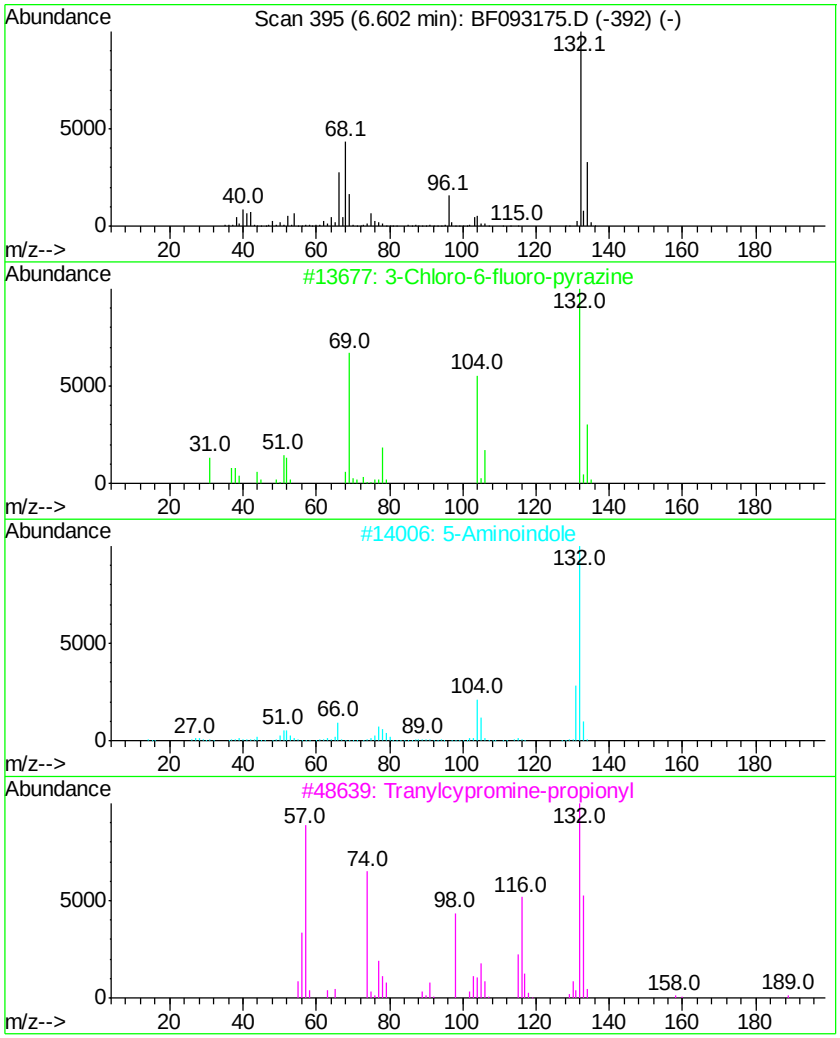
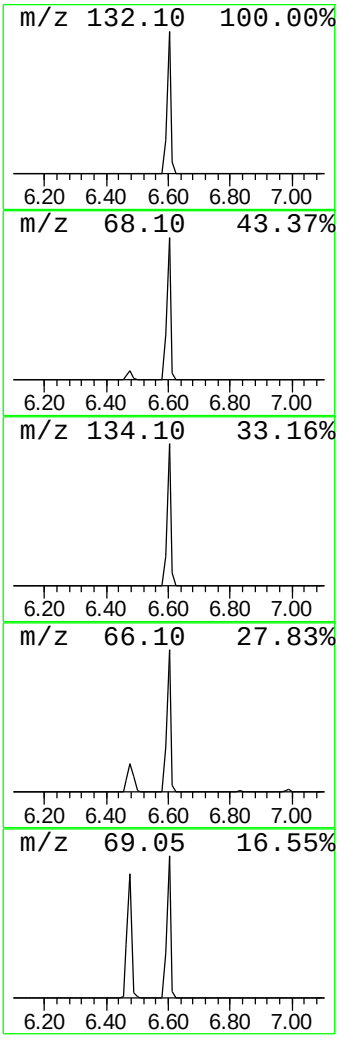
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	70.03 ng	3328150	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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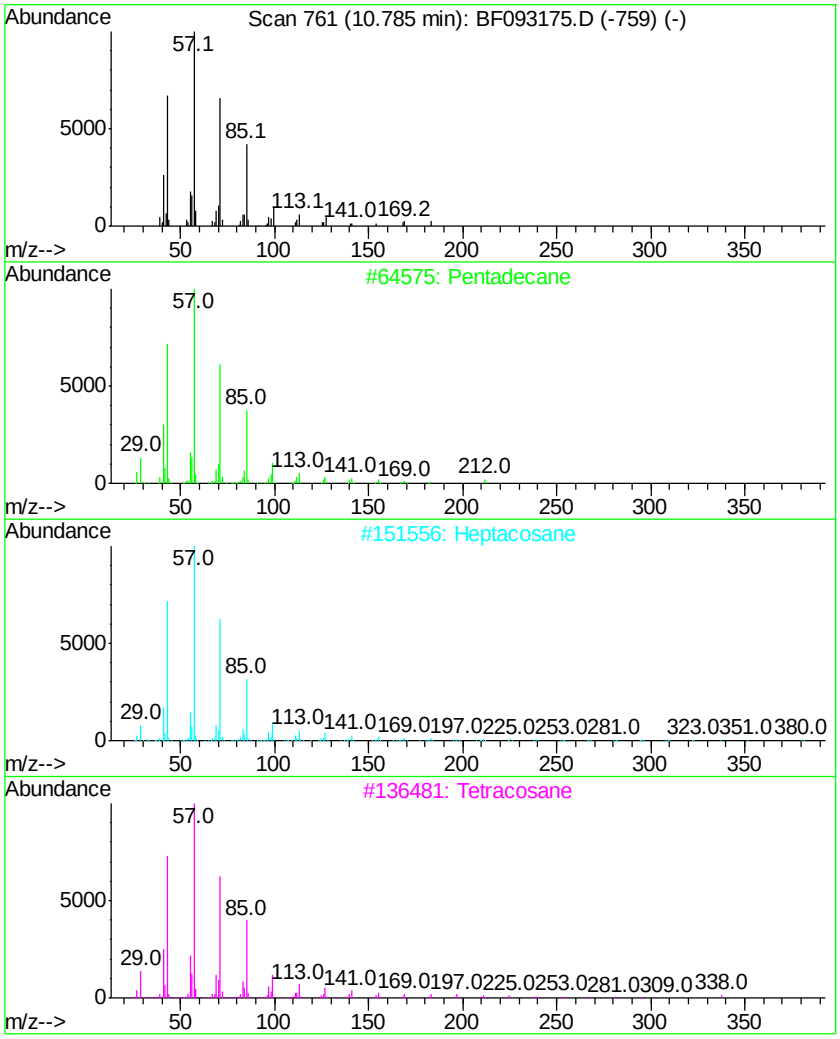
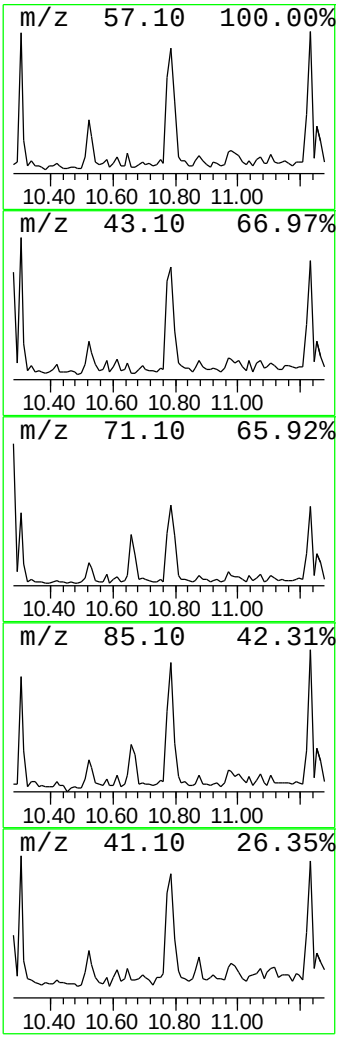
Peak Number 4 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.53 ng	145159	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tritetracontane	605	C43H88	007098-21-7	90





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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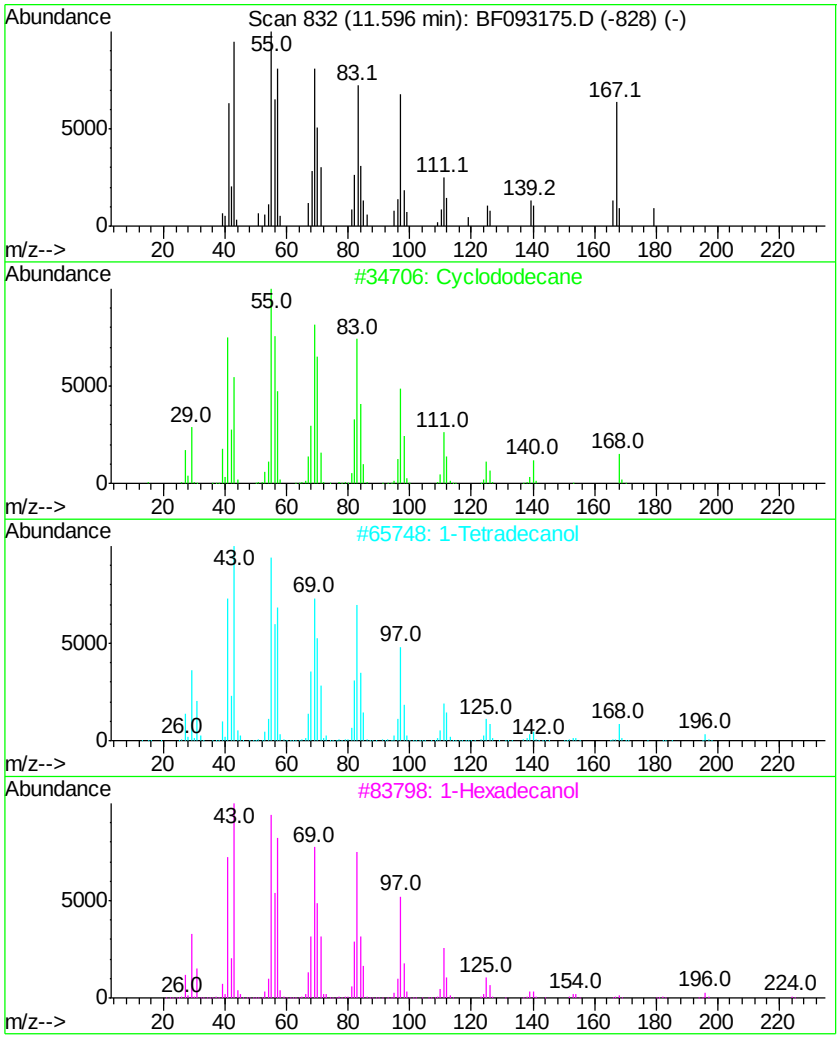
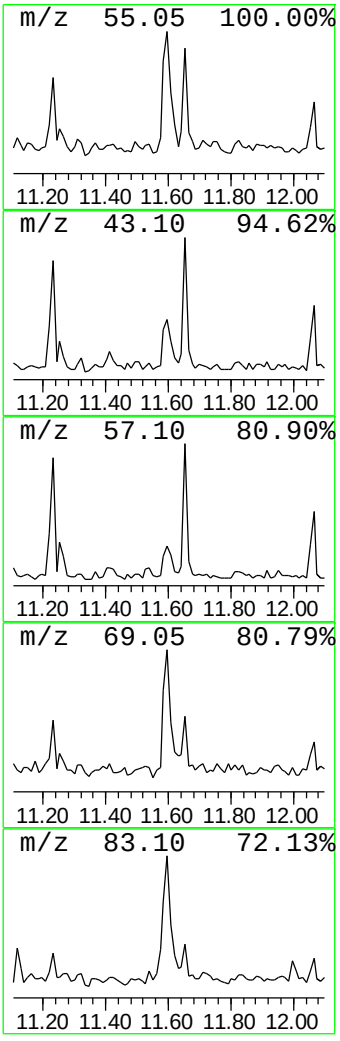
Peak Number 5 Cyclododecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.39 ng	136786	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	97
2	1-Tetradecanol	214	C14H30O	000112-72-1	81
3	1-Hexadecanol	242	C16H34O	036653-82-4	81
4	1-Dodecanol	186	C12H26O	000112-53-8	76
5	1-Tridecanol	200	C13H28O	000112-70-9	70





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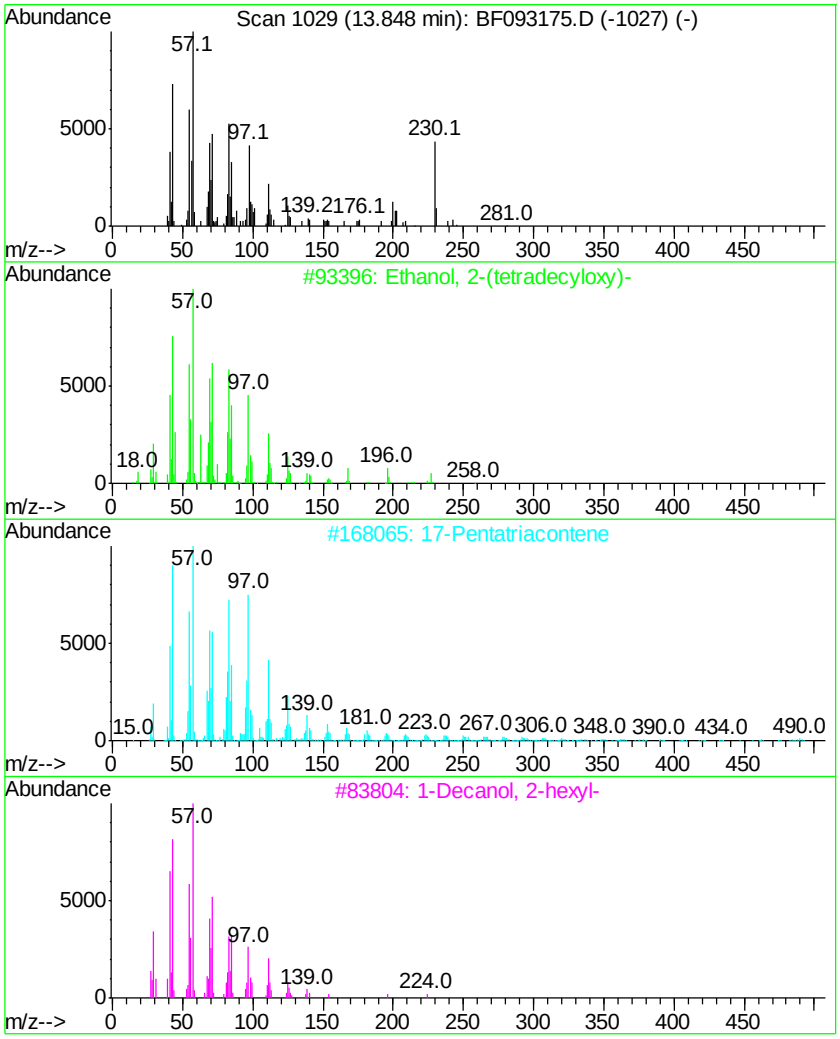
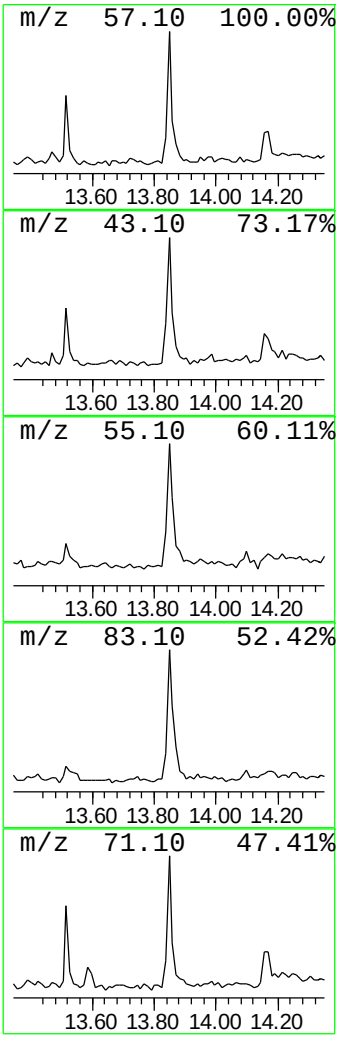
Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.81 ng	147522	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
2	17-Pentatriacontene	491	C35H70	006971-40-0	62
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	55
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	55
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	55





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	32.0	ng	1519430	1	6.83	950447	20.0
unknown6.60	6.60	70.0	ng	3328150	1	6.83	950447	20.0
Pentadecane	10.78	2.5	ng	145159	4	11.37	1146890	20.0
Cyclododecane	11.60	2.4	ng	136786	4	11.37	1146890	20.0
Ethanol, 2-(tetra...	13.85	2.8	ng	147522	5	14.01	1048780	20.0