LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093511.D
Acq On : 10 Mar 2017 8:39
Operator : SJ/MA
Sample : I2132-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-07

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-BF030717.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	4.893	262	263	278	rBV	227091	452626	9.07%	1.193%
2	5.350	301	303	320	rBV	1544267	2371085	47.49%	6.249%
3	5.750	335	338	347	rVB	45840	72990	1.46%	0.192%
4	6.413	393	396	403	rBV	871420	1597233	31.99%	4.210%
5	6.516	403	405	408	rBV	3163332	4098215	82.09%	10.801%
6	6.745	423	425	428	rBV	1152510	1190340	23.84%	3.137%
7	6.905	437	439	441	rBV	3872225	3698007	74.07%	9.746%
8	7.327	473	476	478	rBV	3252239	3696831	74.05%	9.743%
9	8.036	535	538	540	rBV	1734390	1562250	31.29%	4.117%
10	9.110	629	632	634	rBV	5333008	4992475	100.00%	13.158%
11	9.511	665	667	670	rBV	231412	203210	4.07%	0.536%
12	9.785	689	691	693	rBV	1849727	1663847	33.33%	4.385%
13	10.208	727	728	730	rVB	52927	51635	1.03%	0.136%
14	10.573	758	760	763	rBV2	2122447	2726057	54.60%	7.185%
15	10.688	768	770	775	rVB2	61966	99913	2.00%	0.263%
16	11.134	806	809	810	rBV	52001	54571	1.09%	0.144%
17	11.271	819	821	823	rBV	1582688	1518367	30.41%	4.002%
18	11.499	837	841	844	rBV2	287712	578442	11.59%	1.525%
19	11.556	844	846	848	rVB	80402	73914	1.48%	0.195%
20	12.311	910	912	921	rVB	250934	430129	8.62%	1.134%
21	12.631	937	940	942	rBV	161879	188732	3.78%	0.497%
22	12.848	957	959	962	rBV	3158397	4206007	84.25%	11.085%
23	13.637	1025	1028	1035	rBV2	57442	102089	2.04%	0.269%
24	13.751	1035	1038	1042	rBV	94289	143084	2.87%	0.377%
25	13.911	1050	1052	1058	rVB	993317	1016358	20.36%	2.679%
26	14.517	1103	1105	1108	rBV	38469	55174	1.11%	0.145%
27	15.317	1172	1175	1183	rBV	790141	1040718	20.85%	2.743%
28	16.140	1245	1247	1254	rVB4	26894	57745	1.16%	0.152%

Sum of corrected areas: 37942044

LSC Report - Integrated Chromatogram

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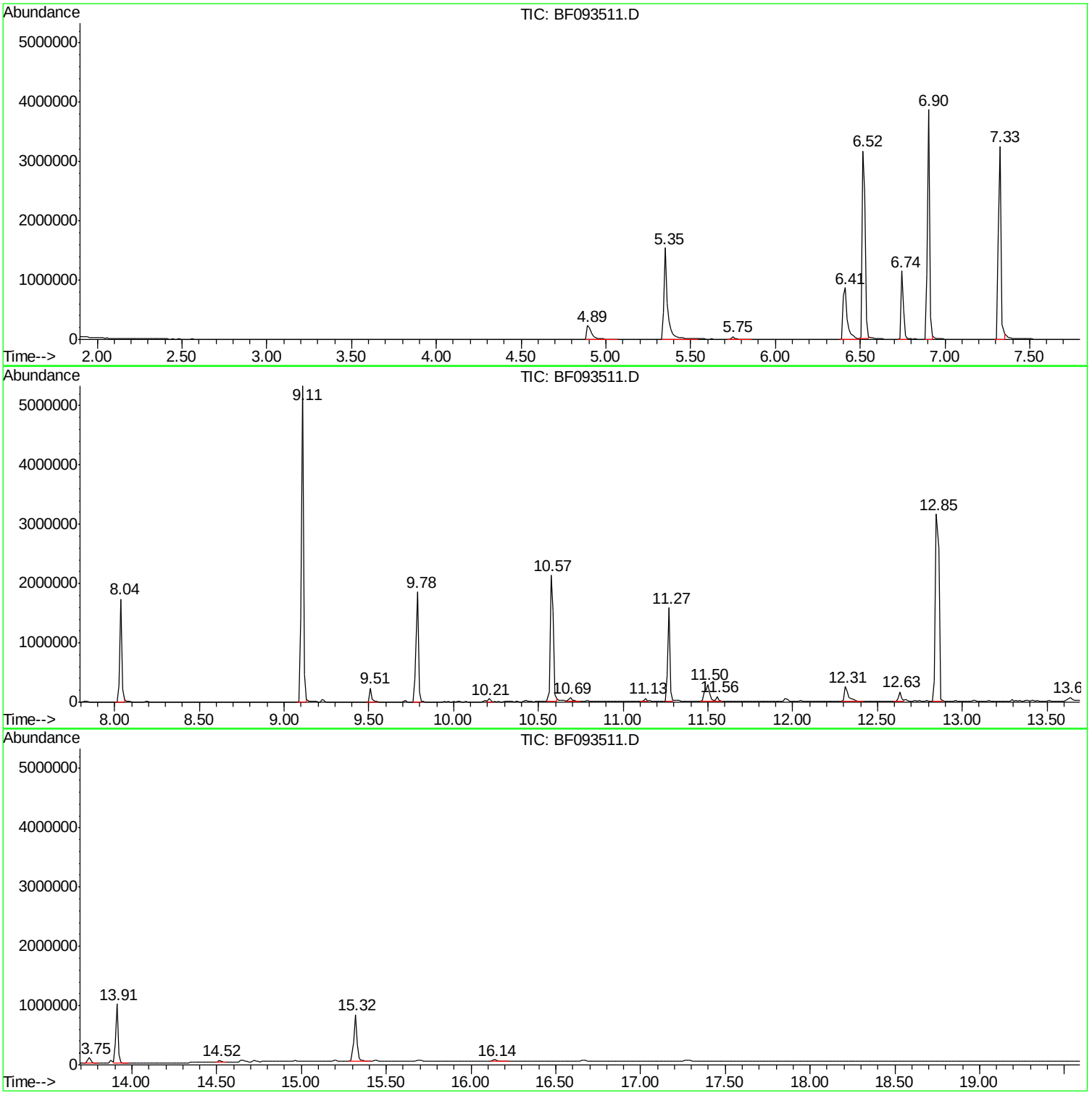
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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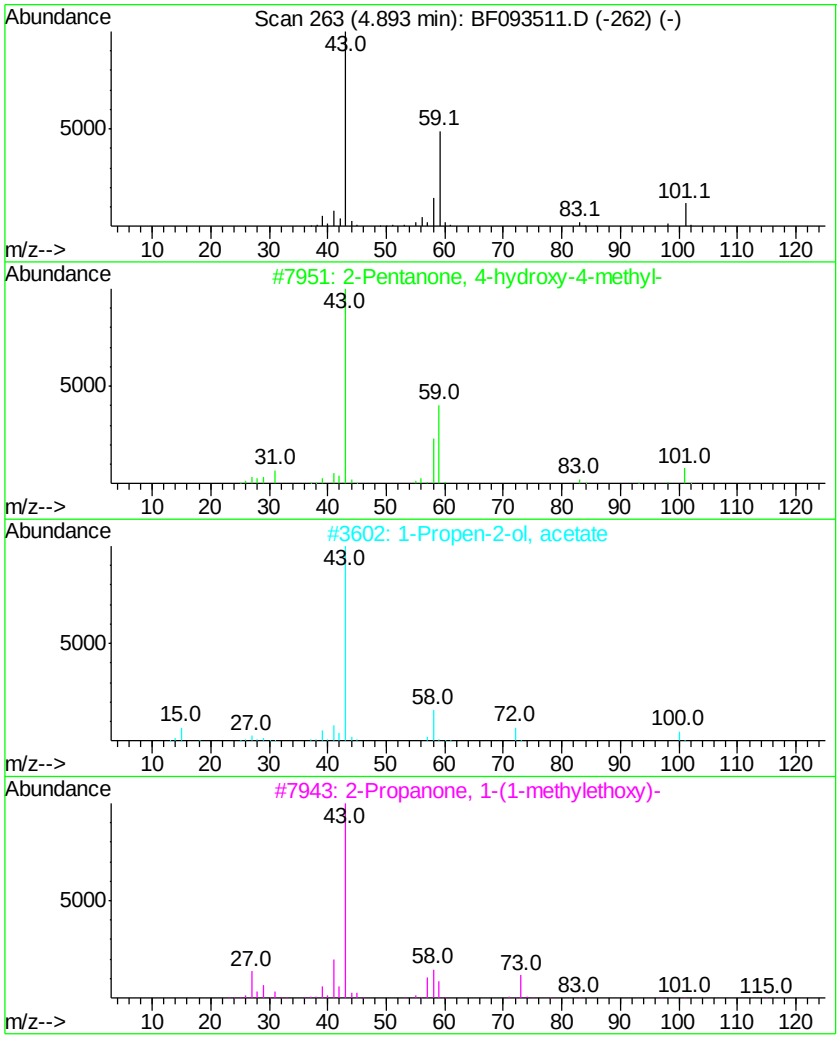
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

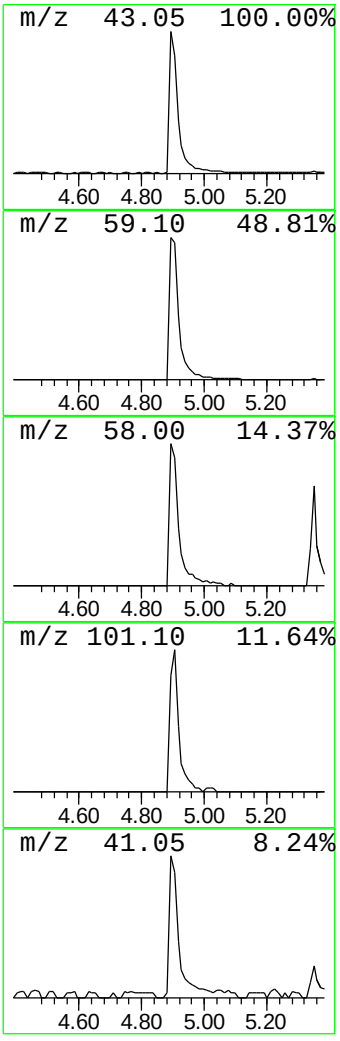
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	7.60 ng	452626	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4	2-Pentanone, 5-(acetyloxy)-	144	C7H12O3	005185-97-7	9
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7





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Sample : I2132-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

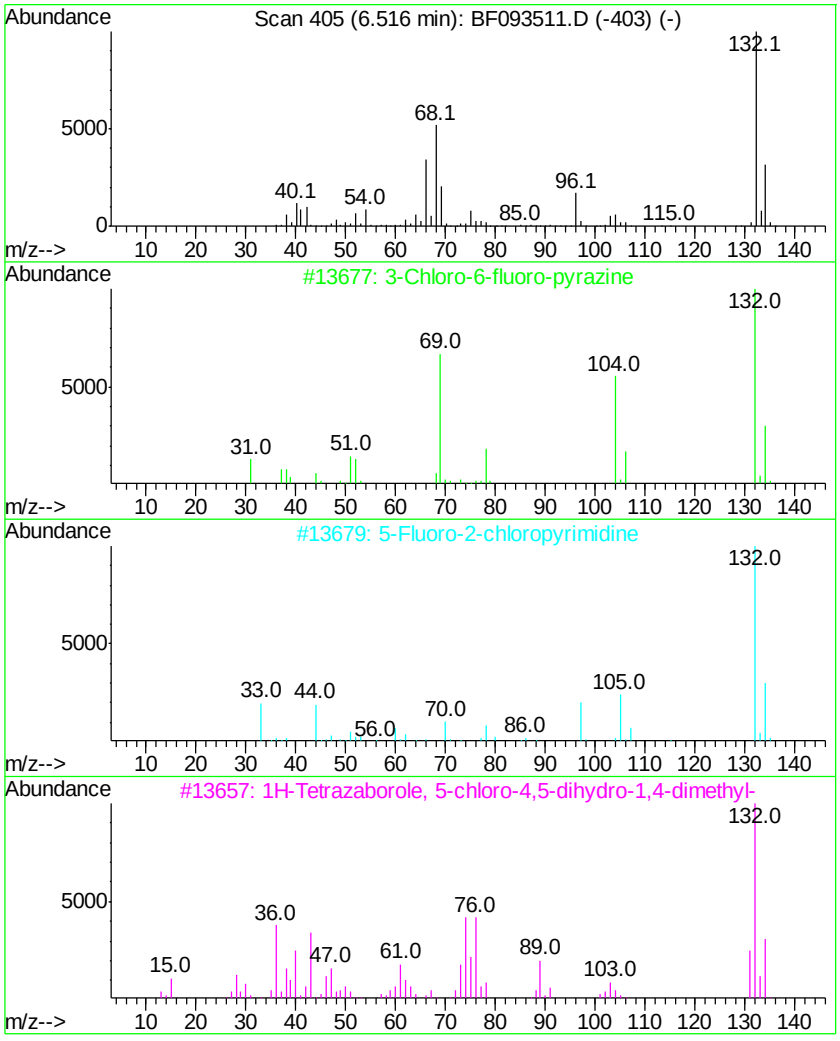
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

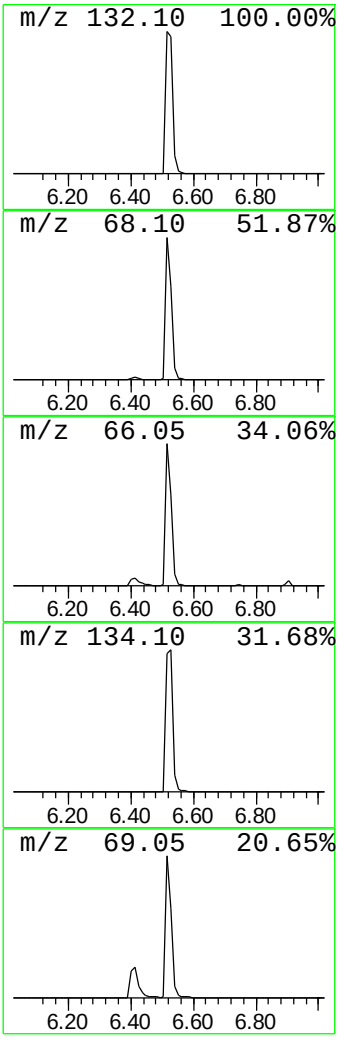
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	68.86 ng	4098220	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Operator : SJ/MA
Sample : I2132-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

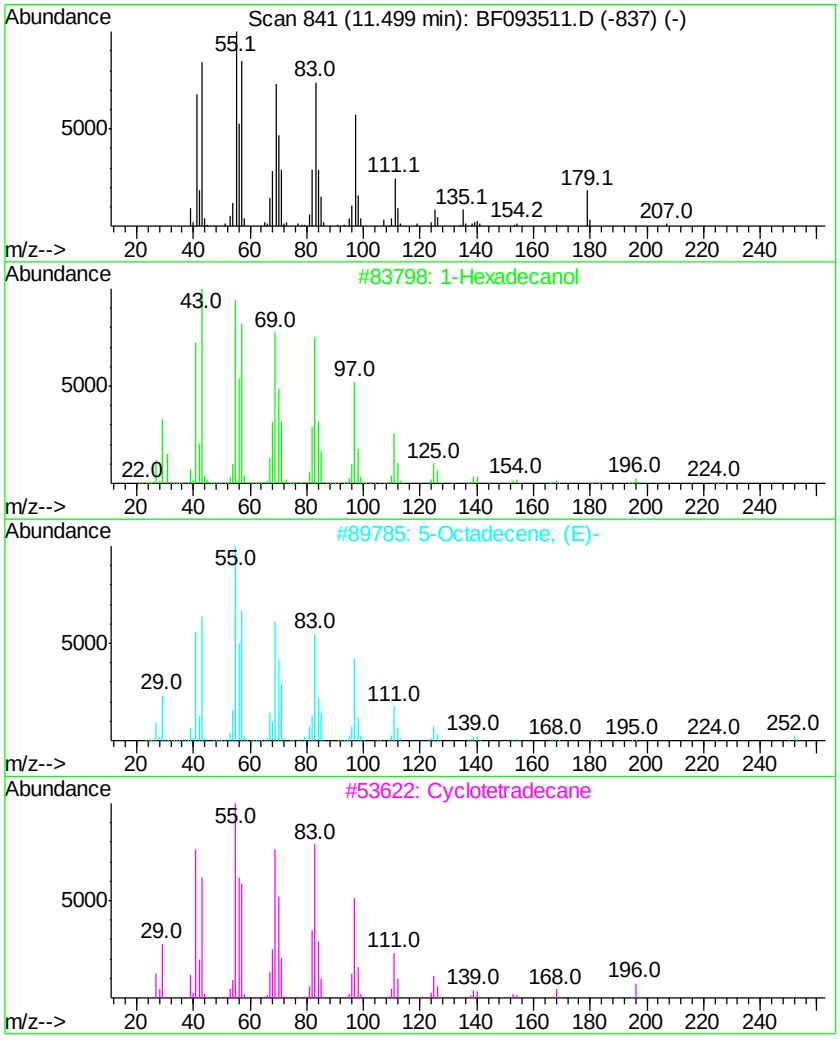
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

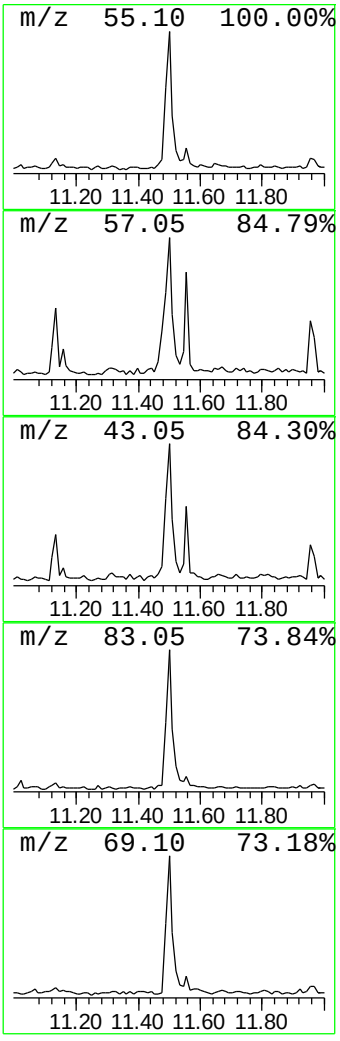
****

Peak Number 4 1-Hexadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	7.62 ng	578442	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	Cyclotetradecane	196	C14H28	000295-17-0	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5	1-Pentadecanol	228	C15H32O	000629-76-5	91





Library Search Compound Report

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Operator : SJ/MA
Sample : I2132-04
Misc :
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Instrument : BNA_F
ClientSampleId : W-07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

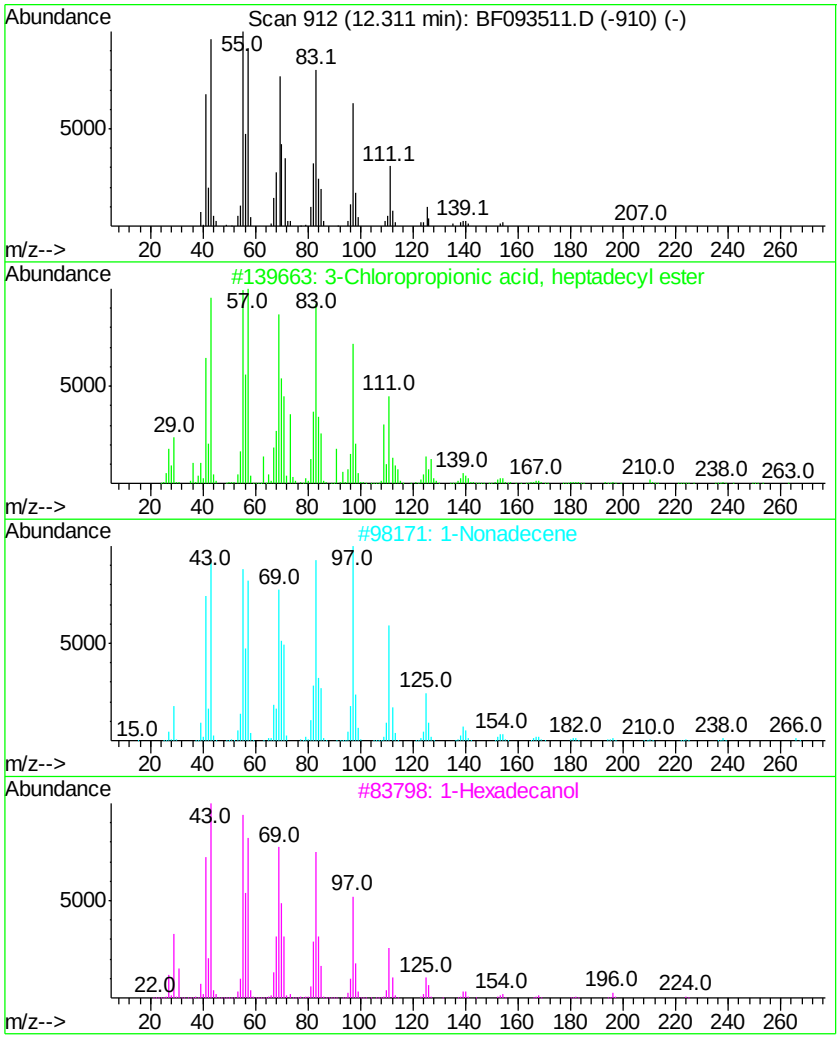
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

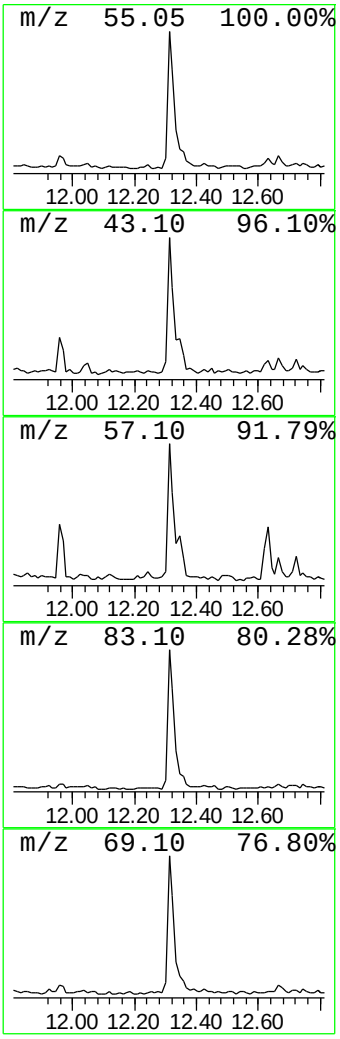
****

Peak Number 5 3-Chloropropionic acid, hep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	5.67 ng	430129	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





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Sample : I2132-04
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

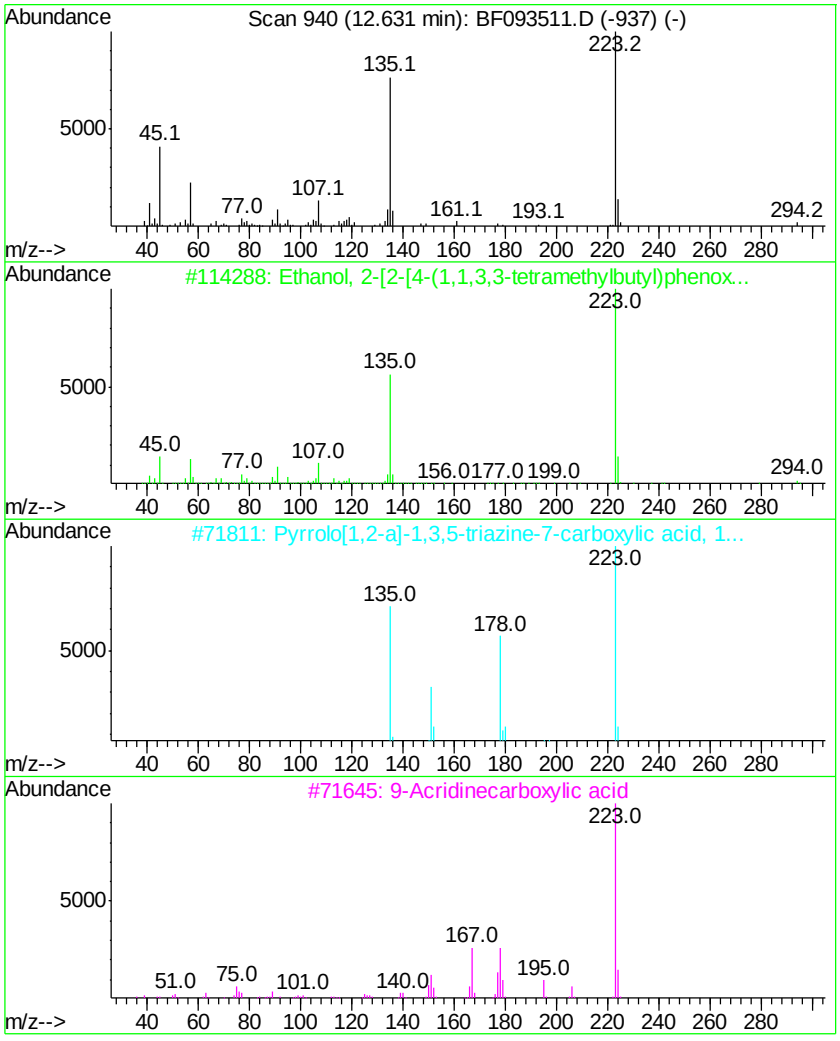
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

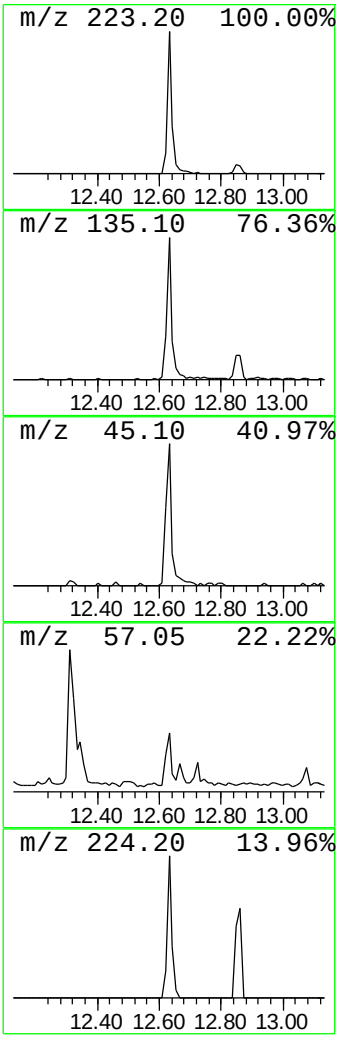
****

Peak Number 6 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.71 ng	188732	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	96
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	27
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	27
5	1,4-Benzenediamine, N-(1-methylh...	220	C14H24N2	039563-50-3	27





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Instrument : BNA_F
ClientSampleId : W-07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

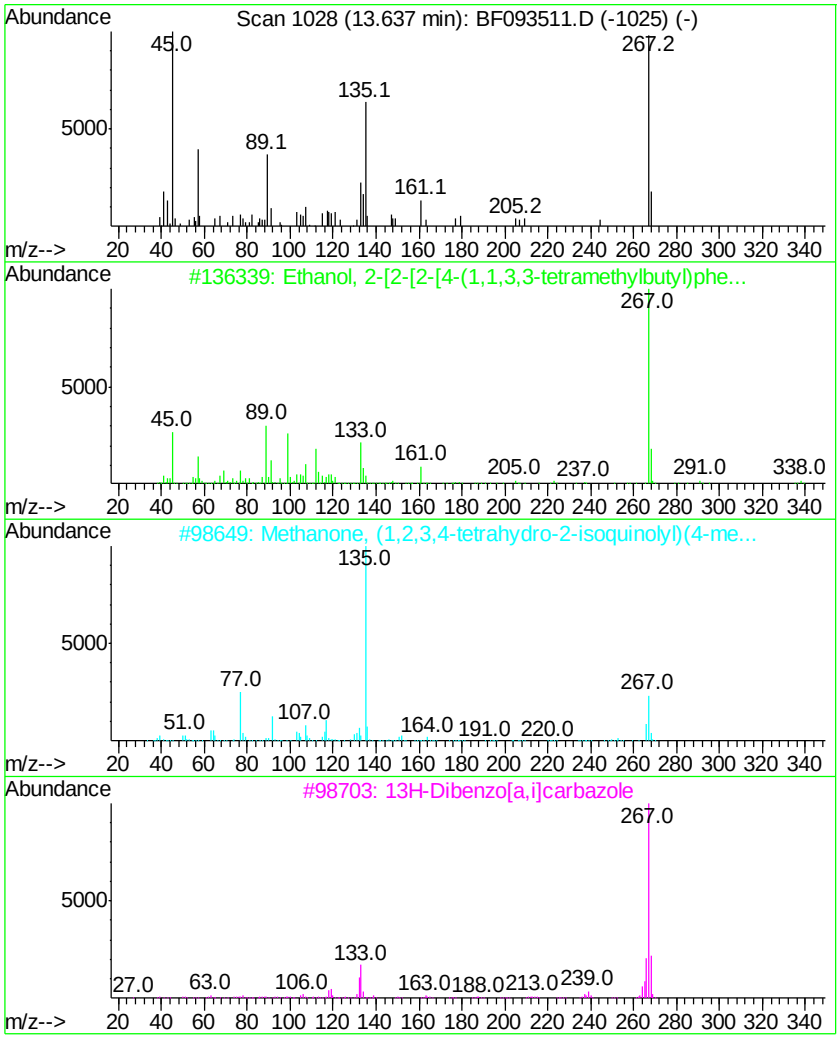
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

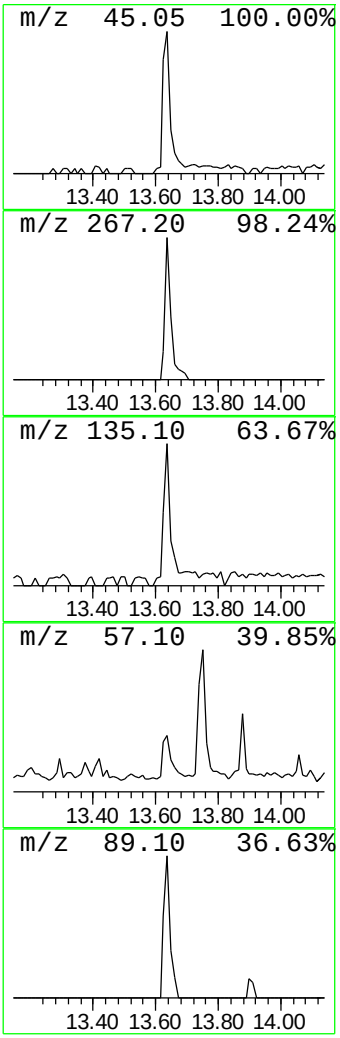
****

Peak Number 7 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.01 ng	102089	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	58
2	Methanone, (1,2,3,4-tetrahydro-2...	267	C17H17NO2	304668-44-8	35
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	27
4	Butane, 1,2,3-trimethoxy-4-phenyl-	224	C13H20O3	020637-30-3	23
5	Ethane, 1-isothiocyanato-2-methoxy-	117	C4H7NOS	038663-85-3	18





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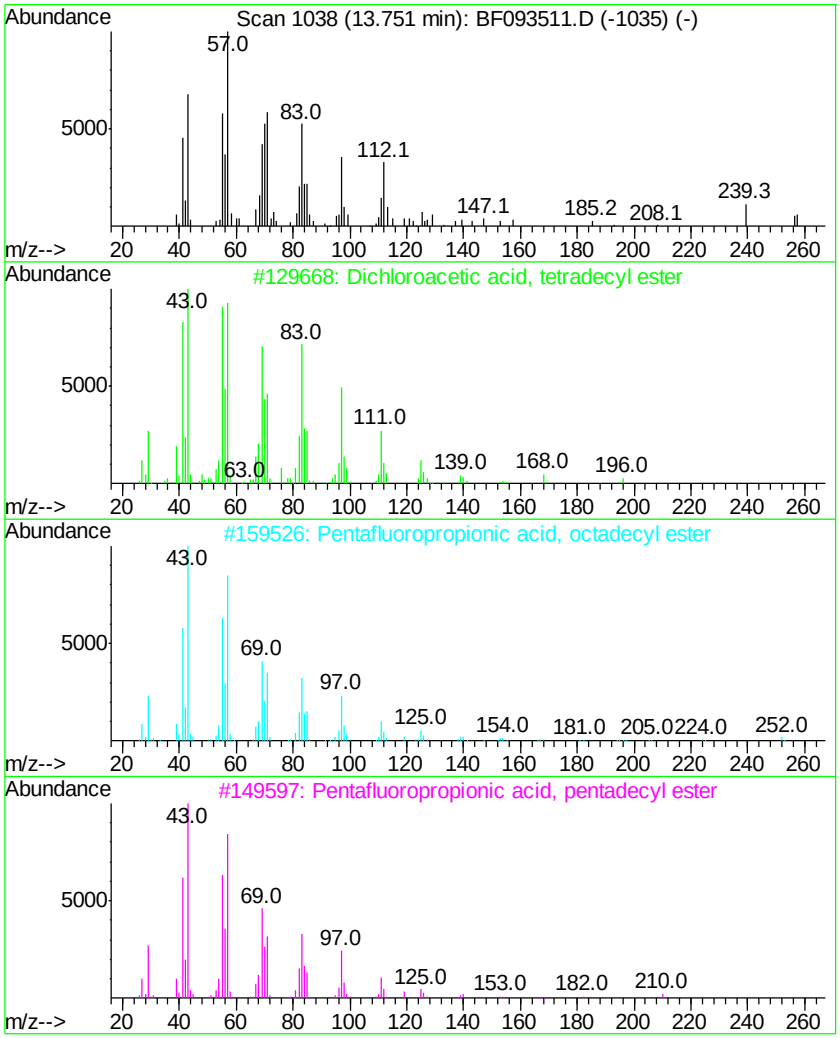
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

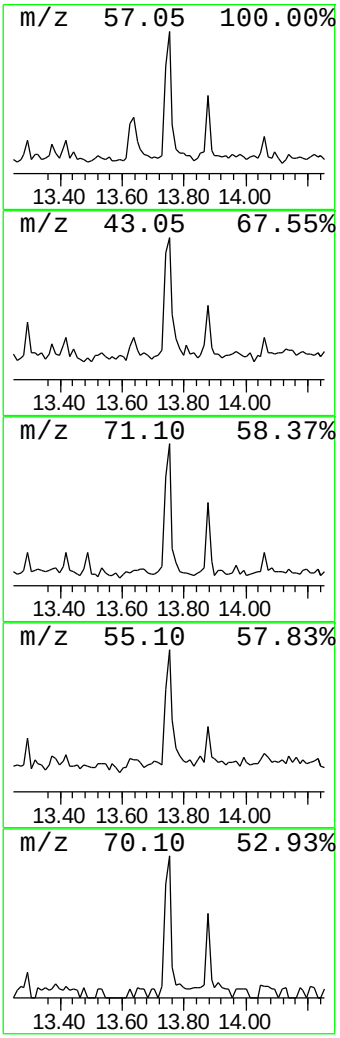
****

Peak Number 8 Dichloroacetic acid, tetrad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.82 ng	143084	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	58
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	52
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	52
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	52
5	1-Tridecene	182	C13H26	002437-56-1	52





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	7.6	ng	452626	1	6.74	1190340	20.0
unknown6.52	6.52	68.9	ng	4098220	1	6.74	1190340	20.0
1-Hexadecanol	11.50	7.6	ng	578442	4	11.27	1518370	20.0
3-Chloropropionic...	12.31	5.7	ng	430129	4	11.27	1518370	20.0
Ethanol, 2-[2-[4-...	12.63	3.7	ng	188732	5	13.91	1016360	20.0
Ethanol, 2-[2-[2-...	13.64	2.0	ng	102089	5	13.91	1016360	20.0
Dichloroacetic ac...	13.75	2.8	ng	143084	5	13.91	1016360	20.0