LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086540.D
Acq On : 1 May 2016 00:00
Operator : UM/SJ
Sample : H2720-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8D46

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-BF042716.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	4.921	246	248	256	rBV	148451	203334	4.21%	0.543%
2	5.344	283	285	288	rBV	2239275	3114576	64.51%	8.312%
3	5.767	319	322	330	rBV	20140	53376	1.11%	0.142%
4	6.407	374	378	380	rBV	2814426	3935203	81.51%	10.502%
5	6.533	386	389	391	rBV	3405787	3565555	73.86%	9.515%
6	6.762	407	409	420	rBV	797918	909283	18.83%	2.427%
7	6.922	420	423	425	rBV	2607887	2480502	51.38%	6.620%
8	7.333	456	459	461	rBV	2300416	2447745	50.70%	6.532%
9	8.053	519	522	524	rBV	1119548	1149495	23.81%	3.068%
10	9.128	613	616	619	rBV	3877903	3956057	81.95%	10.557%
11	9.253	625	627	635	rVB3	22758	50693	1.05%	0.135%
12	9.528	648	651	653	rBV	444317	507016	10.50%	1.353%
13	9.745	668	670	672	rBV	85258	74957	1.55%	0.200%
14	9.802	672	675	677	rBV	1531580	1391498	28.82%	3.713%
15	10.248	710	714	715	rBV2	91149	136922	2.84%	0.365%
16	10.465	730	733	736	rBV	43255	77277	1.60%	0.206%
17	10.591	741	744	753	rVV	3057348	3433025	71.11%	9.162%
18	10.716	753	755	762	rVB	139959	204137	4.23%	0.545%
19	11.162	792	794	795	rBV	65157	59589	1.23%	0.159%
20	11.276	802	804	807	rBV	948023	1263659	26.18%	3.372%
21	12.865	940	943	946	rBV	3313309	4827688	100.00%	12.883%
22	13.254	975	977	981	rBV	128178	128029	2.65%	0.342%
23	13.379	986	988	992	rBV	326544	483978	10.03%	1.292%
24	13.768	1020	1022	1032	rBV	435292	827430	17.14%	2.208%
25	13.905	1032	1034	1041	rVV	857155	1171780	24.27%	3.127%
26	14.420	1074	1079	1083	rBV3	16799	54233	1.12%	0.145%
27	15.300	1153	1156	1164	rBV	582568	889586	18.43%	2.374%
28	15.825	1198	1202	1209	rBV6	16826	75668	1.57%	0.202%

Sum of corrected areas: 37472291

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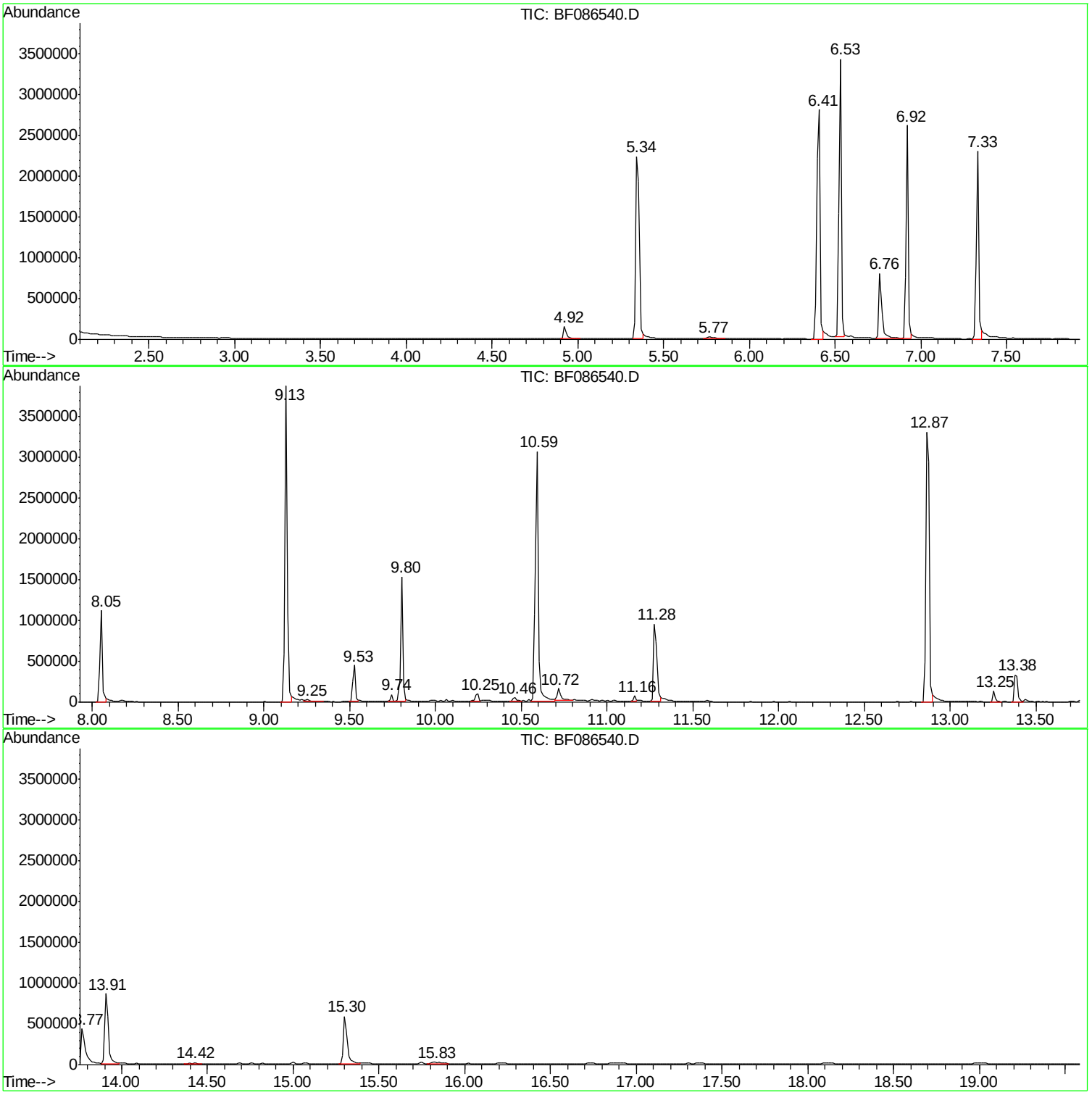
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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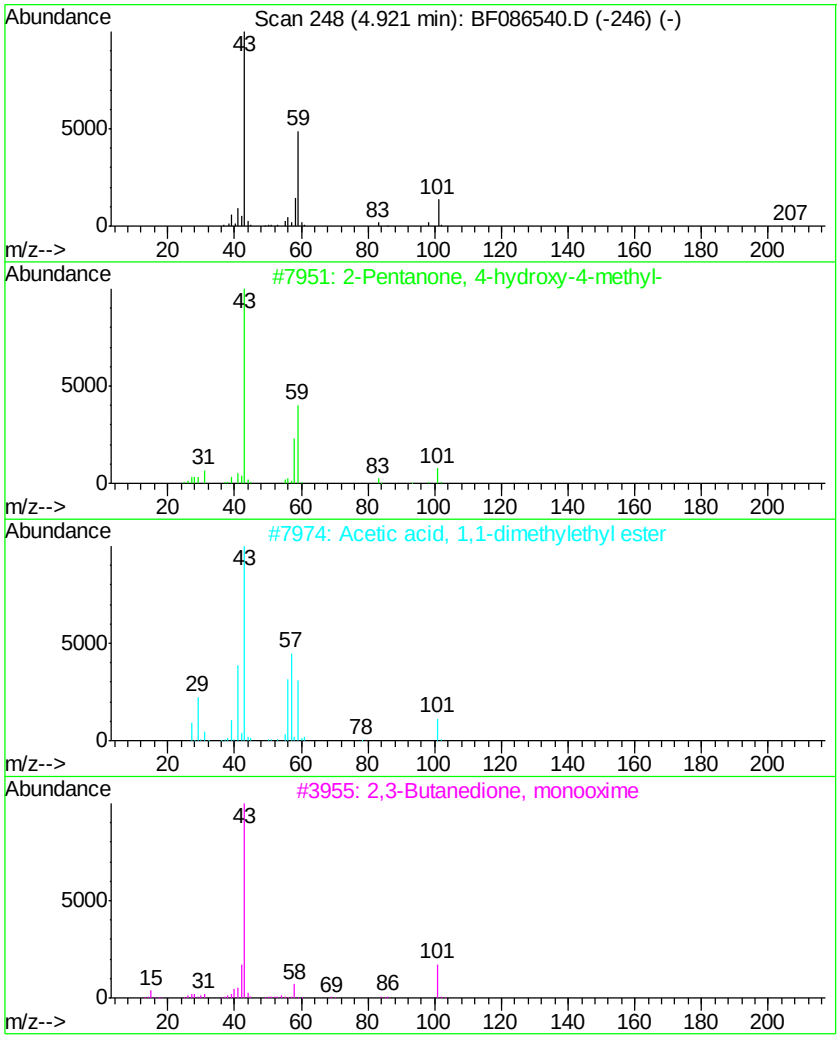
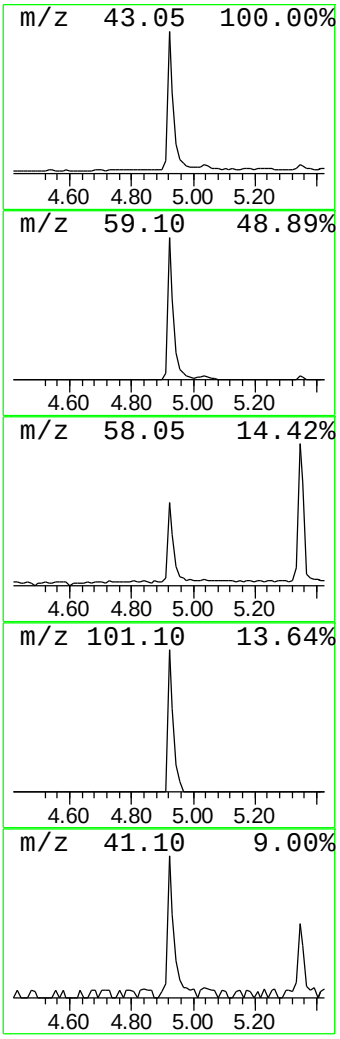
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	4.47 ng	203334	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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ClientSampleId : TP-8D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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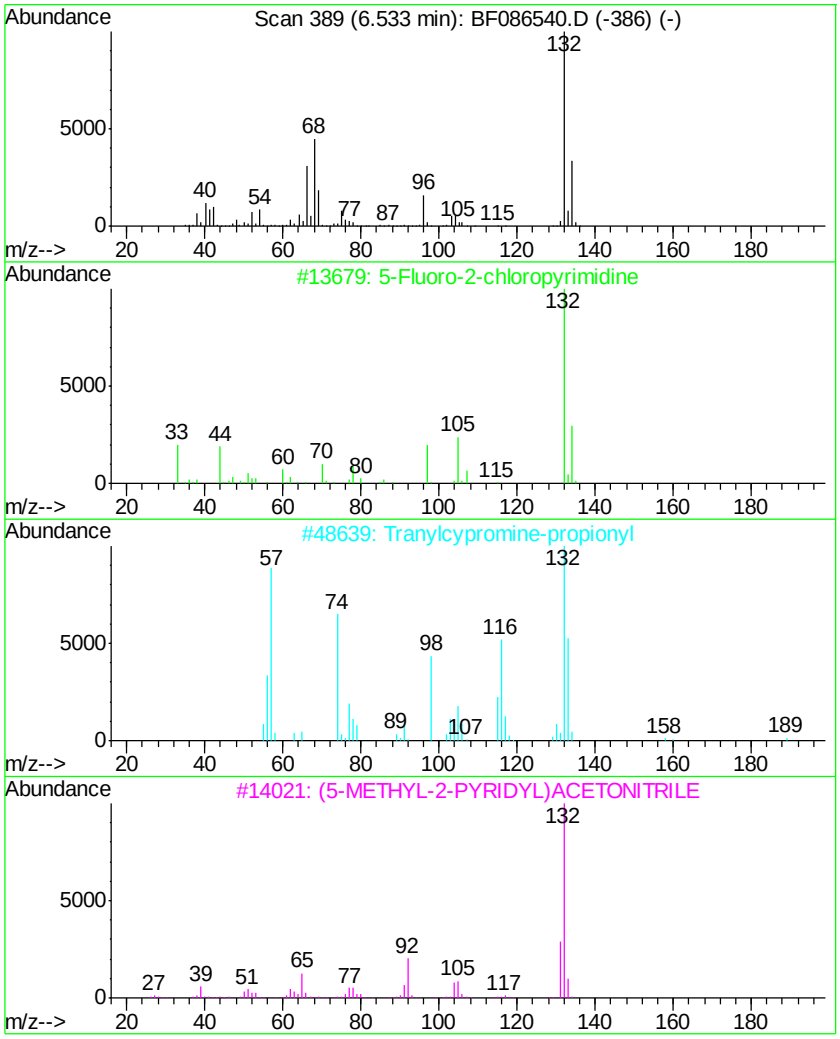
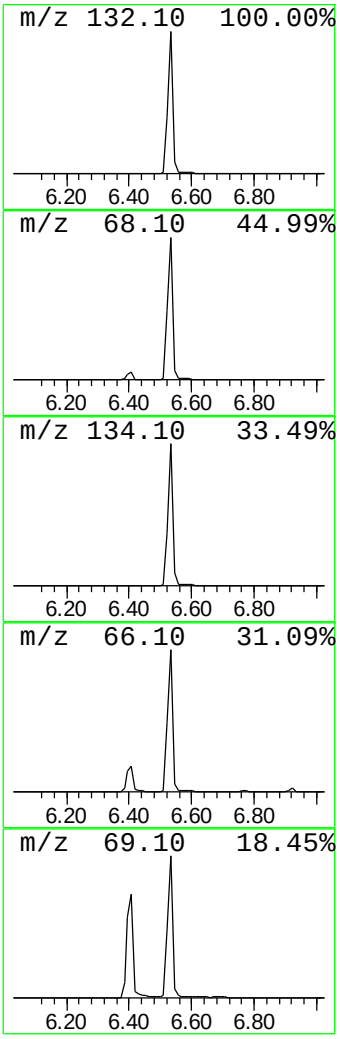
Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	78.43 ng	3565560	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-8D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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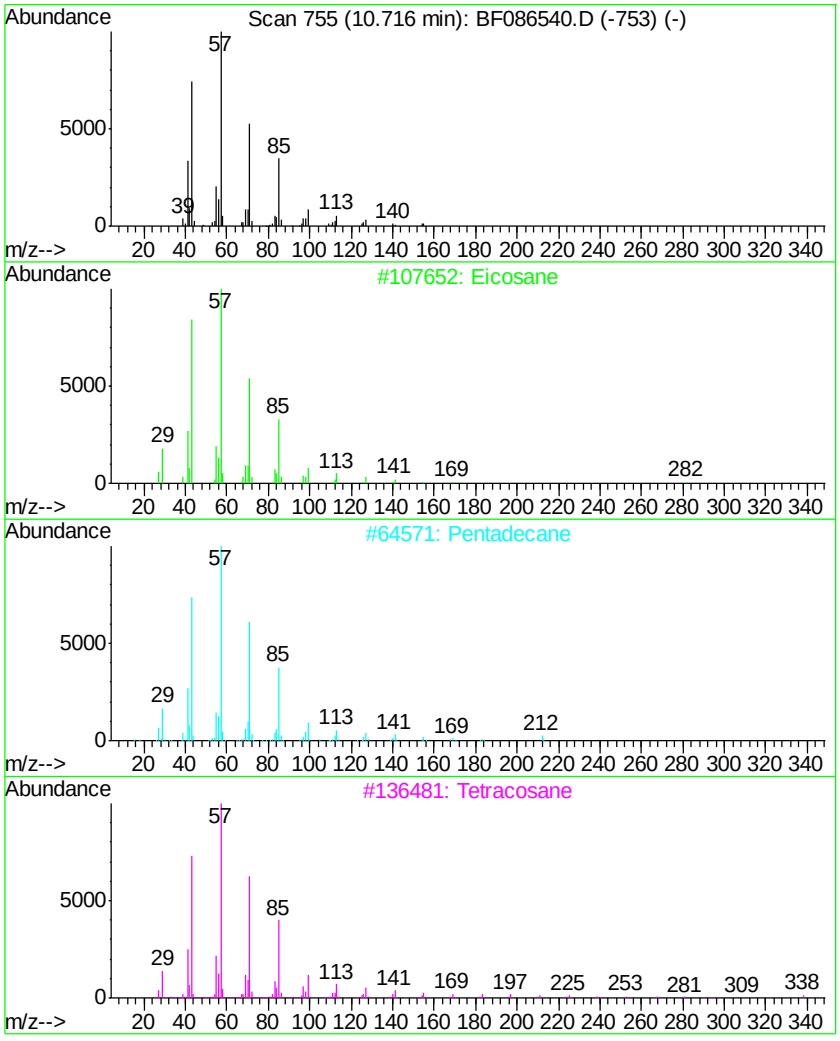
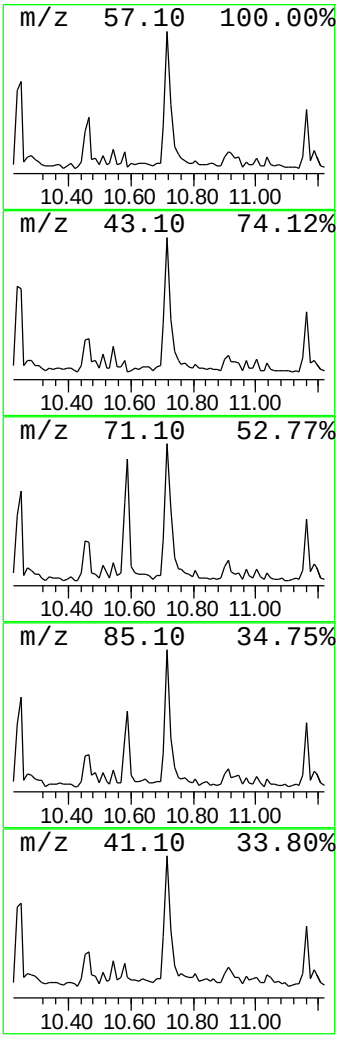
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.23 ng	204137	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





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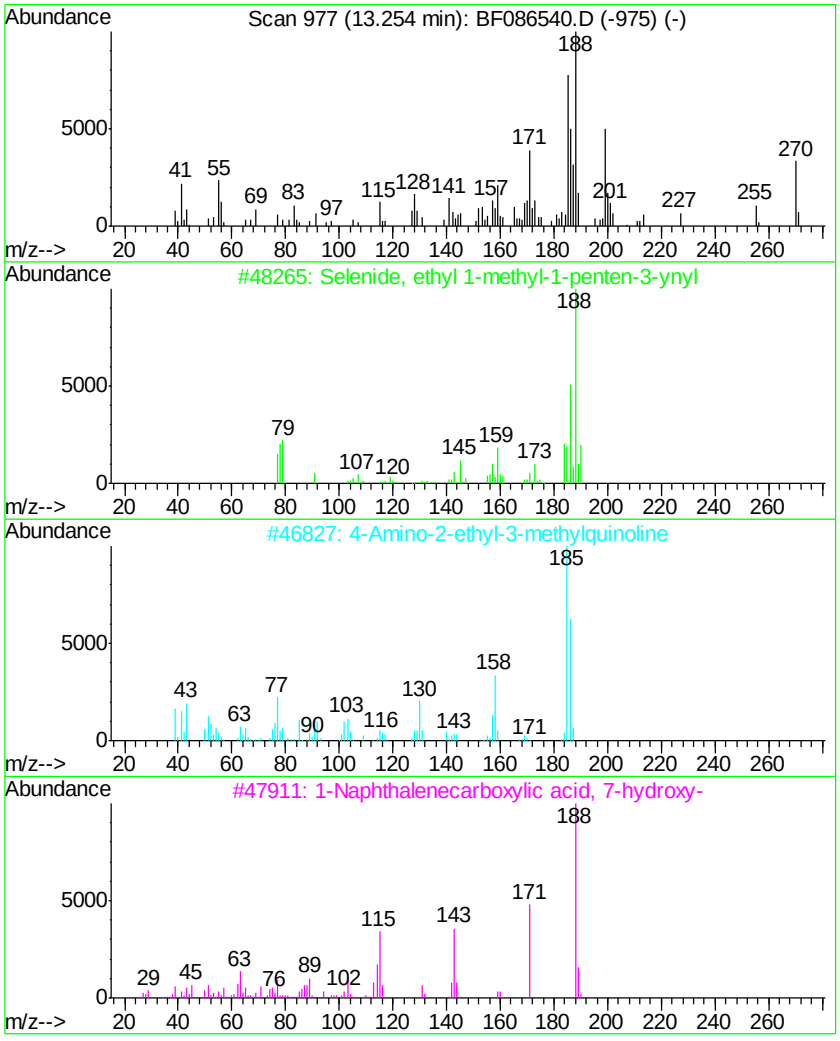
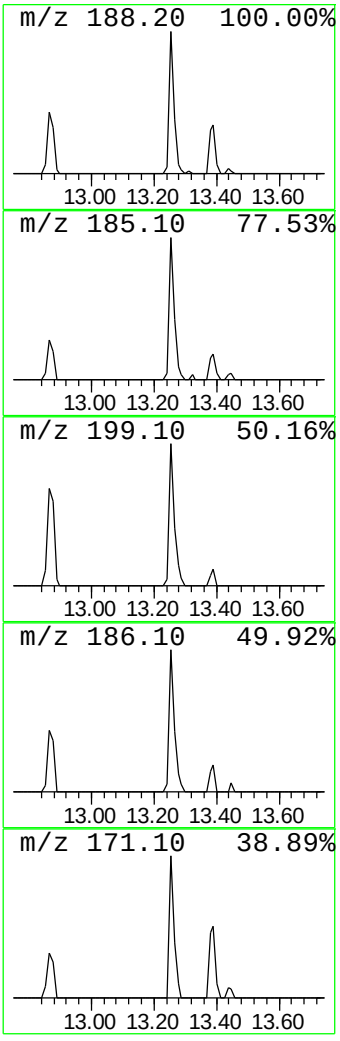
Peak Number 5 unknown13.25 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.19 ng	128029	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	38
2	4-Amino-2-ethyl-3-methylquinoline	186	C12H14N2	065197-40-2	25
3	1-Naphthalenecarboxylic acid, 7-...	188	C11H8O3	002623-37-2	22
4	Sulfadiazine	250	C10H10N4O2S	000068-35-9	22
5	6-Hydroxy-2-naphthoic acid	188	C11H8O3	016712-64-4	22





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Instrument : BNA_F
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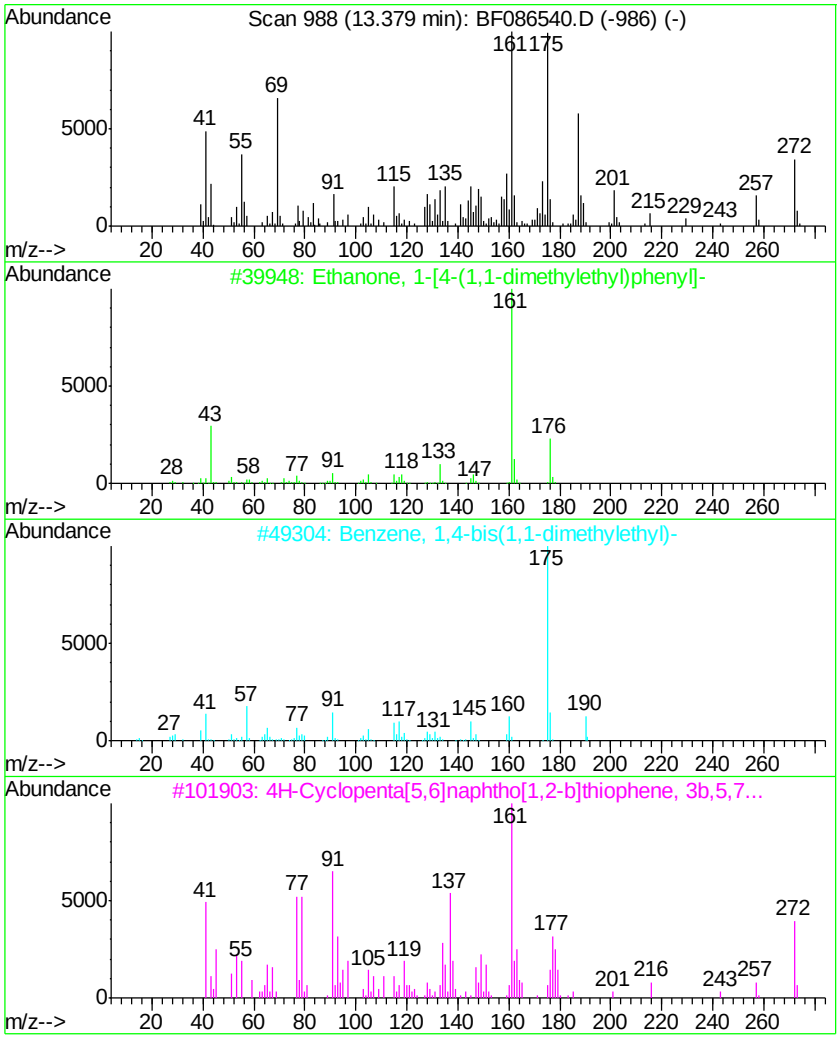
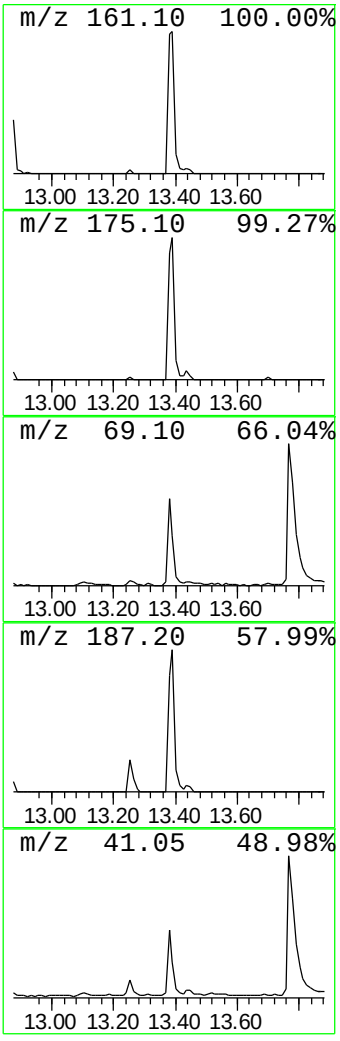
Peak Number 6 unknown13.38 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	8.26 ng	483978	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1,1-dimethylethy...	176	C12H16O	000943-27-1	25
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	22
3	4H-Cyclopenta[5,6]naphtho[1,2-b]...	272	C18H24S	070168-81-9	22
4	Succinimide, 3-(5-hexen-1-yl)-N-...	257	C16H19NO2	1000156-88-7	15
5	2,2'-Isopropylidenedifuran	176	C11H12O2	017920-88-6	15





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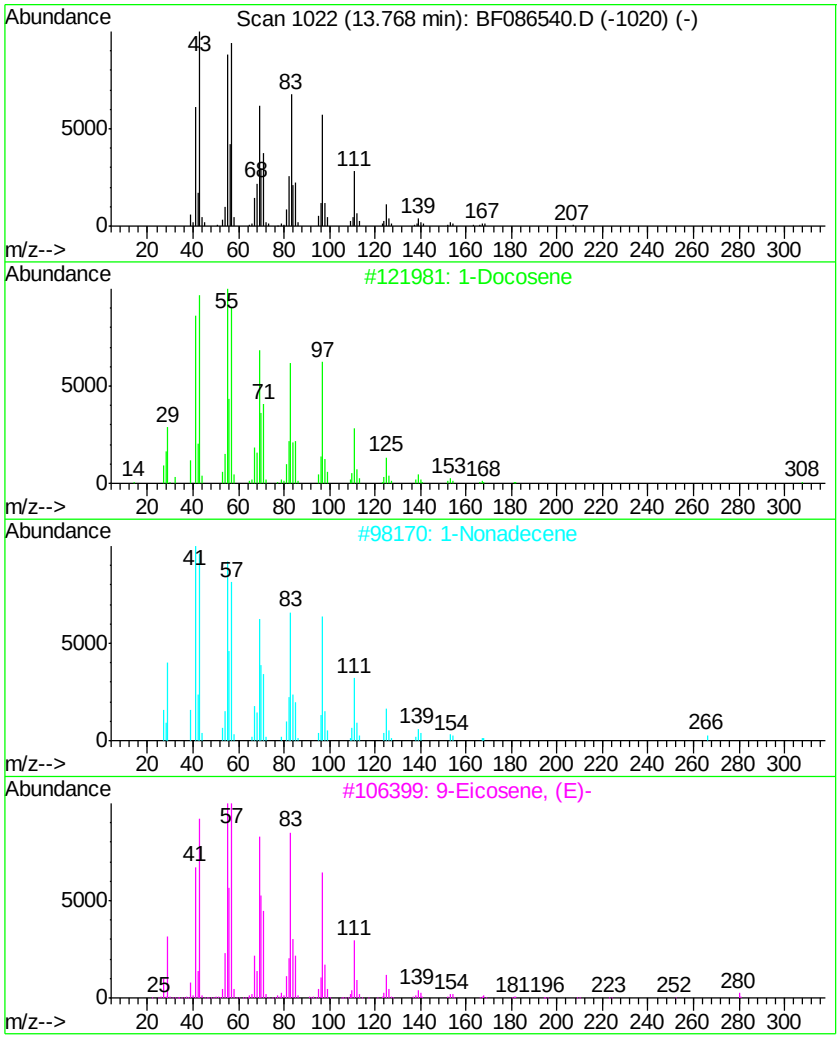
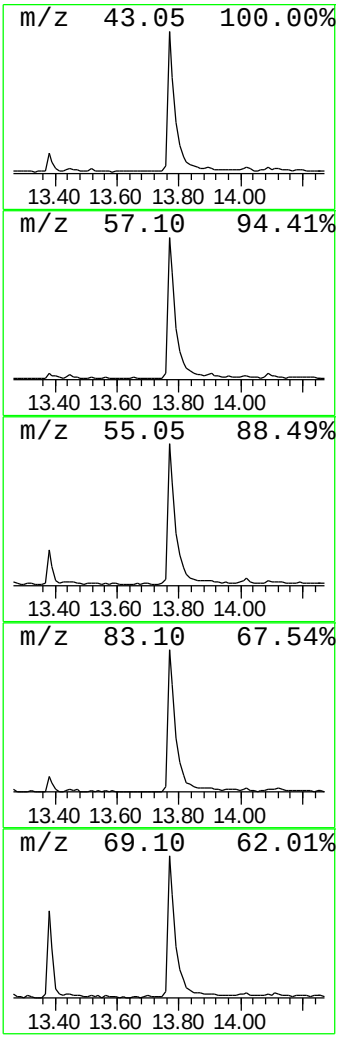
Peak Number 7 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	14.12 ng	827430	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	87
5	1-Tetracosanol	354	C24H50O	000506-51-4	87





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...	4.92	4.5	ng	203334	1	6.76	909283	20.0
unknown6.53	6.53	78.4	ng	3565560	1	6.76	909283	20.0
Eicosane	10.72	3.2	ng	204137	4	11.28	1263660	20.0
unknown13.25	13.25	2.2	ng	128029	5	13.91	1171780	20.0
unknown13.38	13.38	8.3	ng	483978	5	13.91	1171780	20.0
1-Docosene	13.77	14.1	ng	827430	5	13.91	1171780	20.0