LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087132.D
Acq On : 18 May 2016 5:41
Operator : UM/SJ
Sample : H3104-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITES-SB-15-5.5-6.0

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-BF051716.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	1.724	10	12	63	rVB	3245734	6880737	100.00%	15.524%
2	4.718	271	274	289	rBV	994137	1850974	26.90%	4.176%
3	5.187	312	315	317	rBV	2481117	3685444	53.56%	8.315%
4	5.587	348	350	354	rBV	87919	137093	1.99%	0.309%
5	6.261	406	409	411	rBV	3719713	4297296	62.45%	9.695%
6	6.364	416	418	420	rBV	4126214	4008918	58.26%	9.045%
7	6.593	435	438	440	rBV	767389	890053	12.94%	2.008%
8	6.742	449	451	454	rBV	2739155	2733663	39.73%	6.167%
9	7.164	485	488	490	rBV	2565645	2457295	35.71%	5.544%
10	7.873	548	550	553	rBV	940613	1123570	16.33%	2.535%
11	8.959	642	645	647	rBV	4092599	3840766	55.82%	8.665%
12	9.359	678	680	684	rBV	671534	619456	9.00%	1.398%
13	9.576	697	699	701	rBV	152505	143398	2.08%	0.324%
14	9.622	701	703	706	rBV2	985170	1215358	17.66%	2.742%
15	9.805	715	719	723	rBV2	31326	73034	1.06%	0.165%
16	10.068	740	742	744	rVB	177292	169895	2.47%	0.383%
17	10.285	758	761	765	rBV	64063	111088	1.61%	0.251%
18	10.422	770	773	775	rBV2	1876216	2591569	37.66%	5.847%
19	10.536	782	783	788	rBV	155148	233839	3.40%	0.528%
20	10.982	820	822	828	rVB	79141	142028	2.06%	0.320%
21	11.108	831	833	835	rBV	1023926	1167933	16.97%	2.635%
22	12.685	969	971	974	rBV	2683903	3516219	51.10%	7.933%
23	13.657	1052	1056	1060	rBV3	30494	111853	1.63%	0.252%
24	13.725	1060	1062	1065	rVV	790836	899867	13.08%	2.030%
25	14.491	1127	1129	1133	rBV	706968	695856	10.11%	1.570%
26	15.085	1179	1181	1184	rBV	645514	726657	10.56%	1.639%

Sum of corrected areas: 44323859

LSC Report - Integrated Chromatogram

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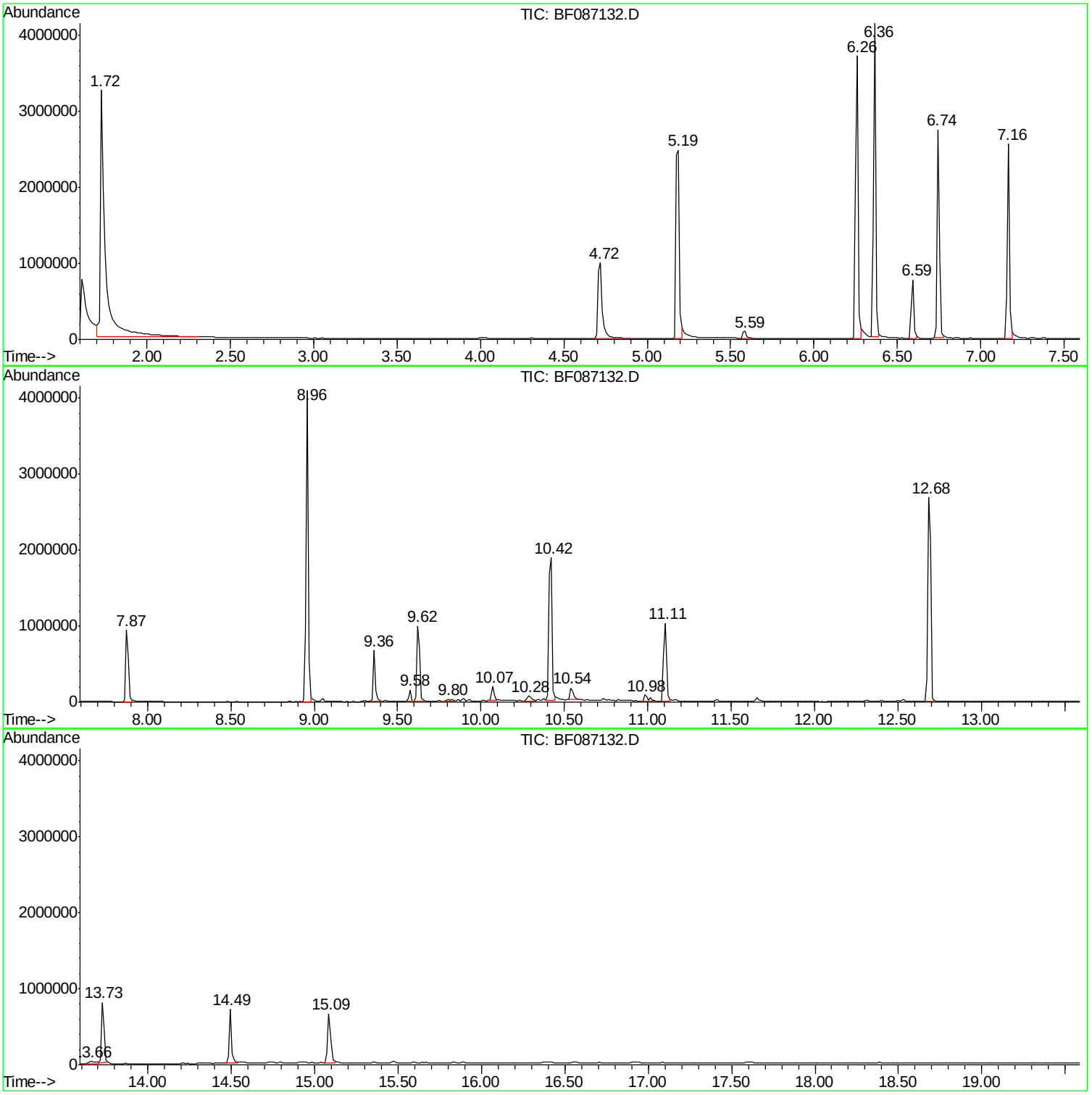
BNA_F
ClientSampleId :
COMPOSITES-SB-15-5.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

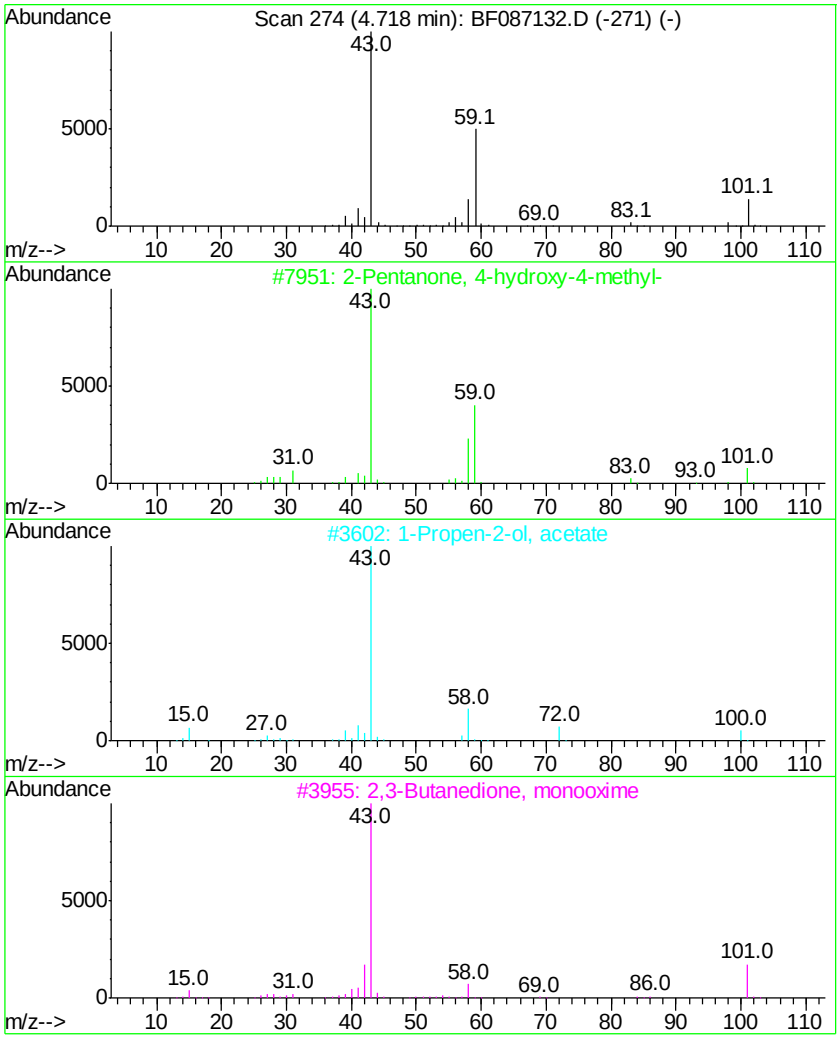
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

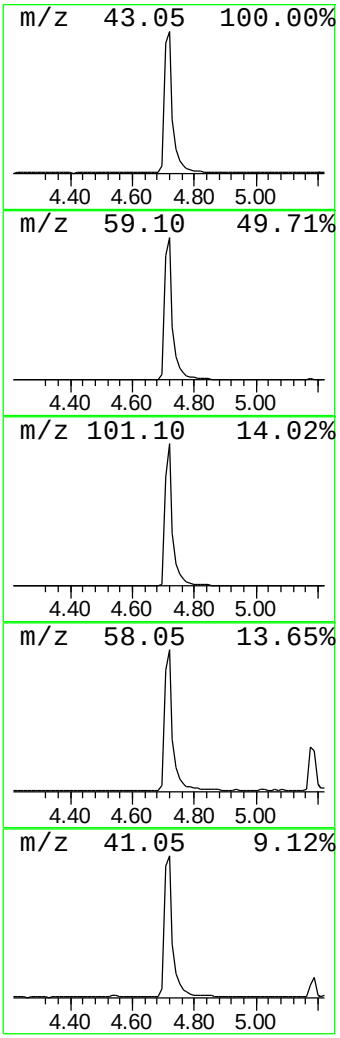
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	41.59 ng	1850970	1,4-Dichlorobenzene-d4	6.59

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	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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Operator : UM/SJ
Sample : H3104-06
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITES-SB-15-5.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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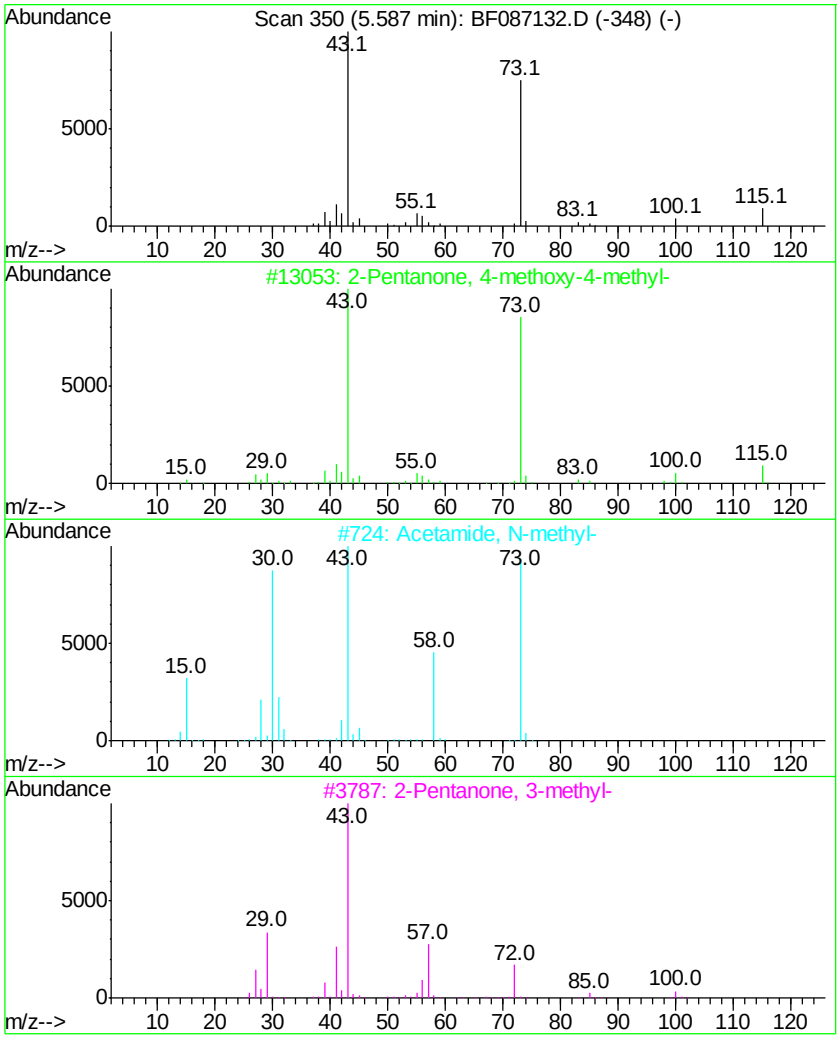
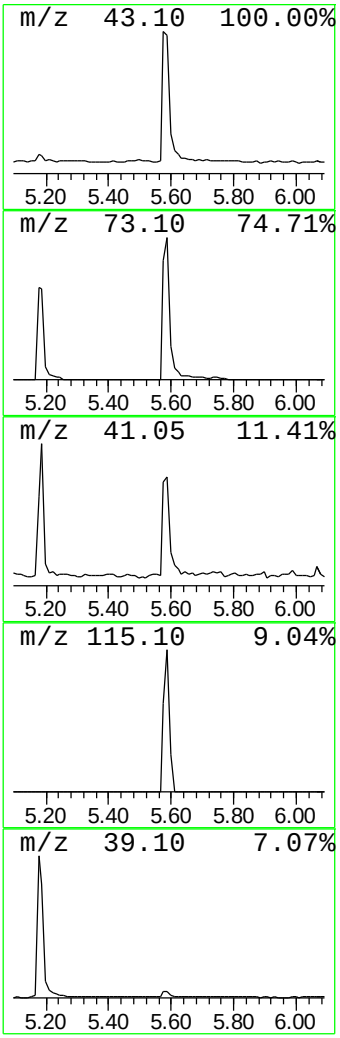
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	3.08 ng	137093	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H3104-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITES-SB-15-5.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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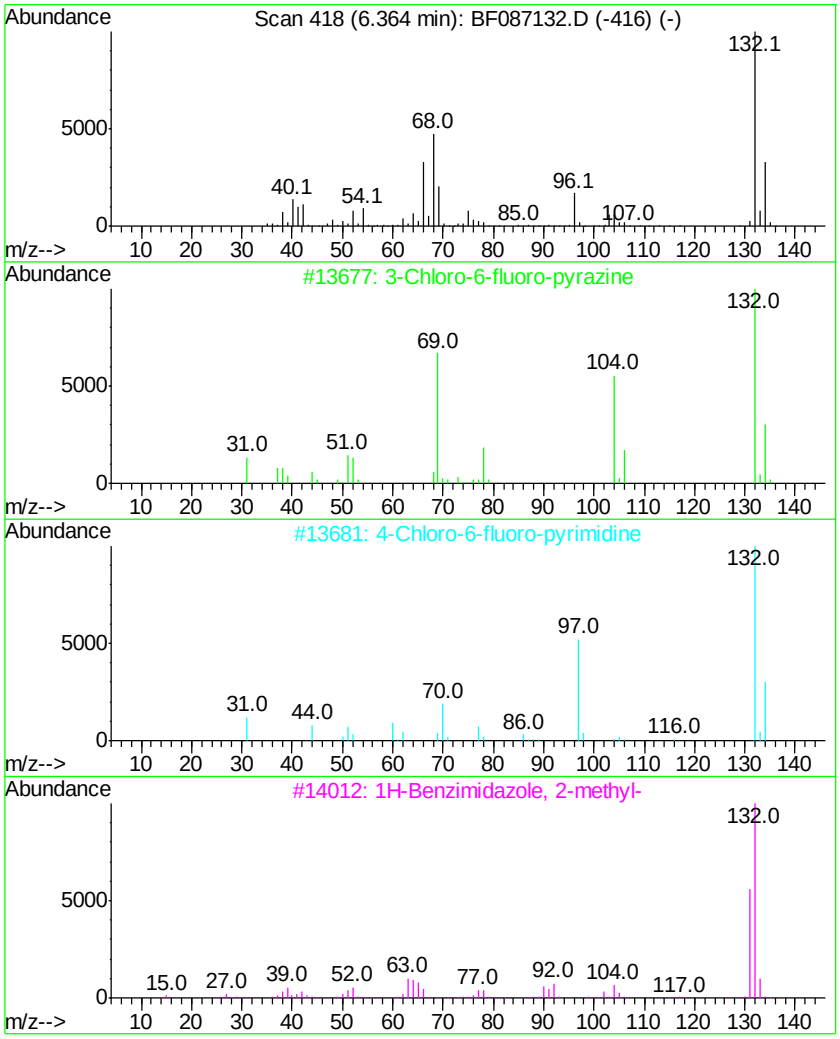
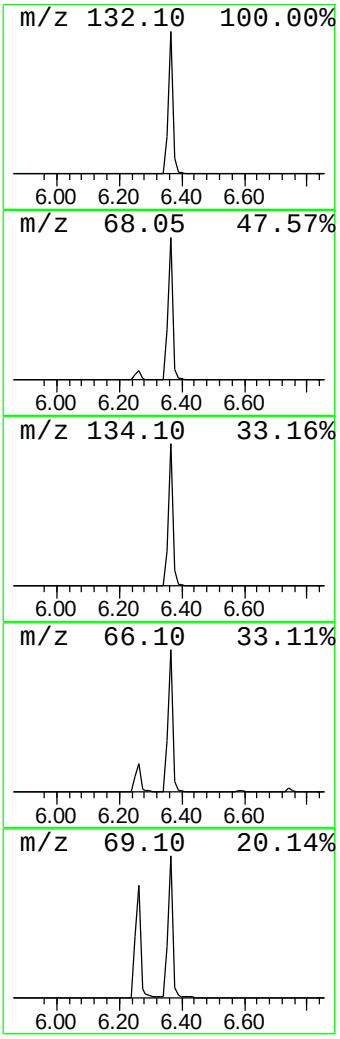
Peak Number 4 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	90.08 ng	4008920	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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COMPOSITES-SB-15-5.5-6.0

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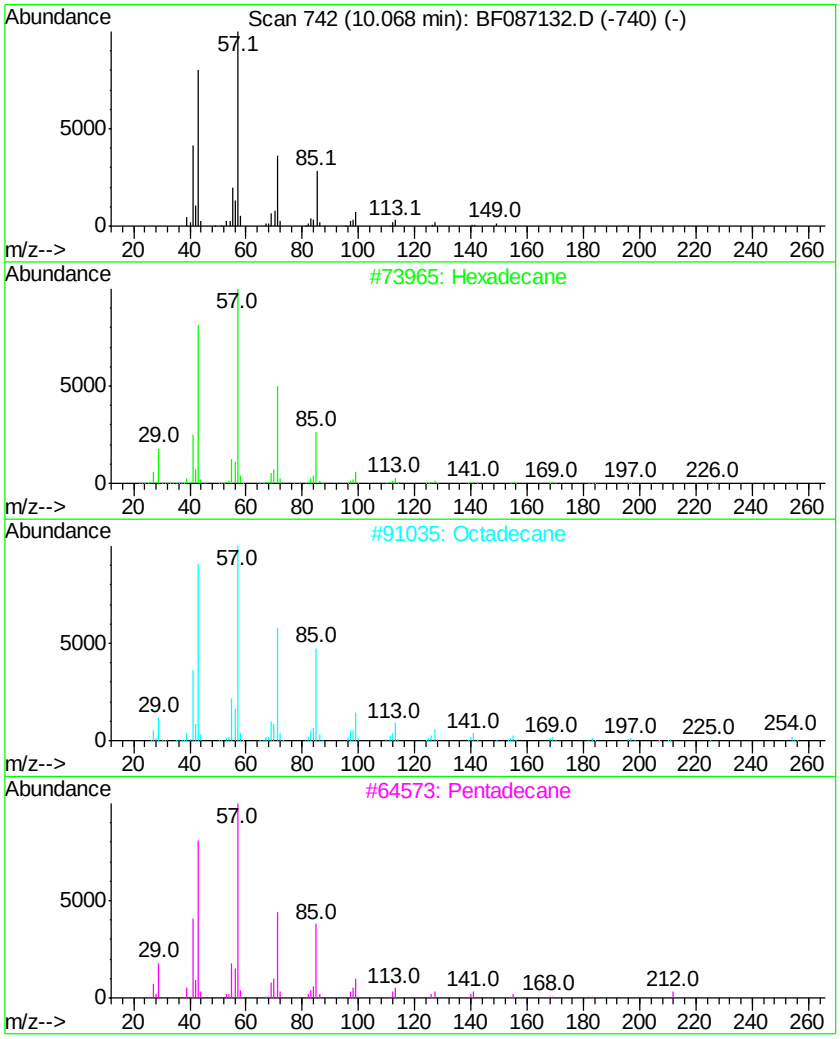
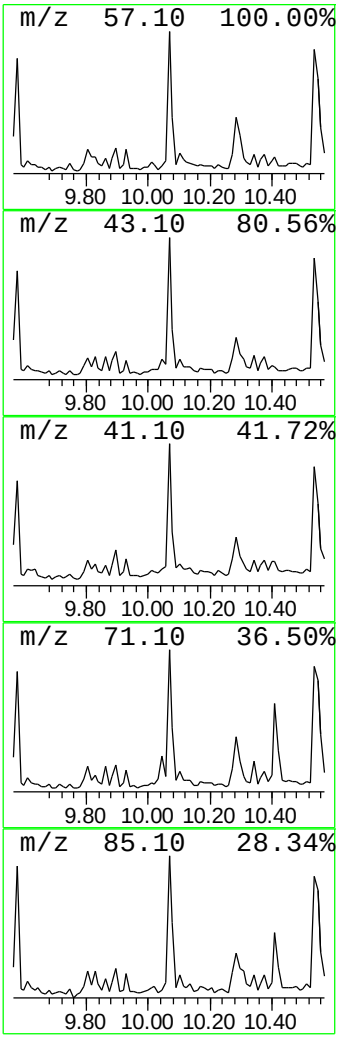
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.80 ng	169895	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane	254	C18H38	000593-45-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Eicosane	282	C20H42	000112-95-8	72
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITES-SB-15-5.5-6.0

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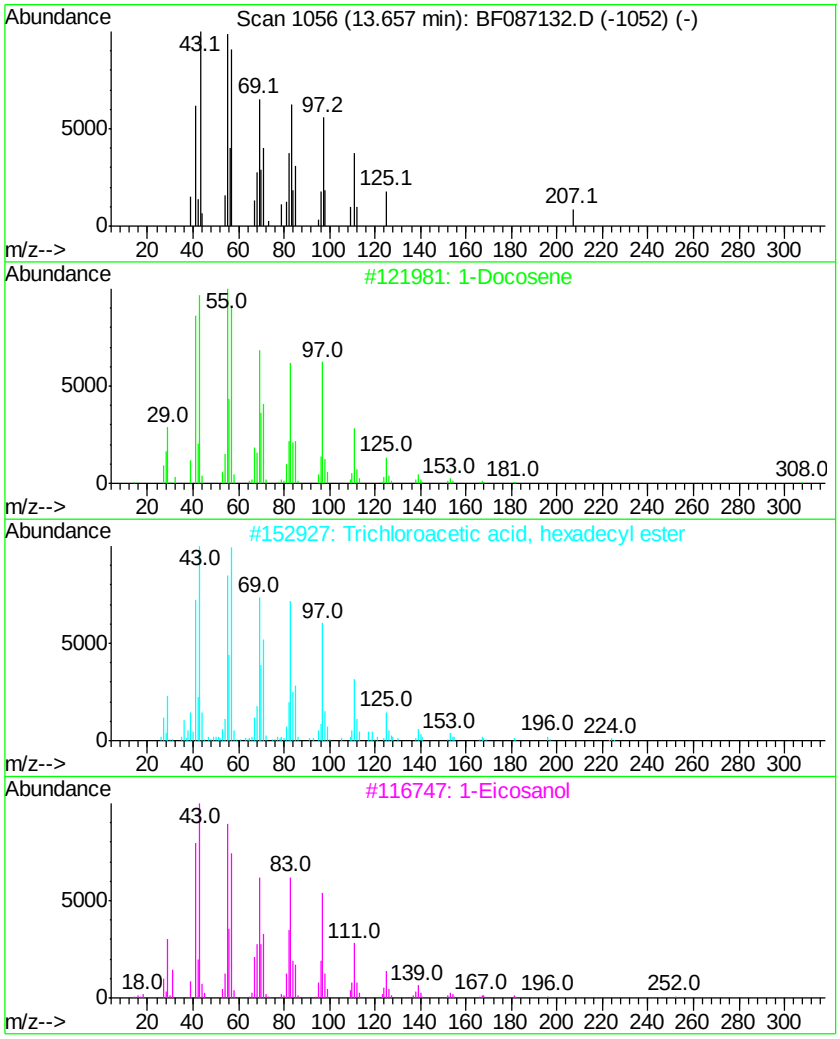
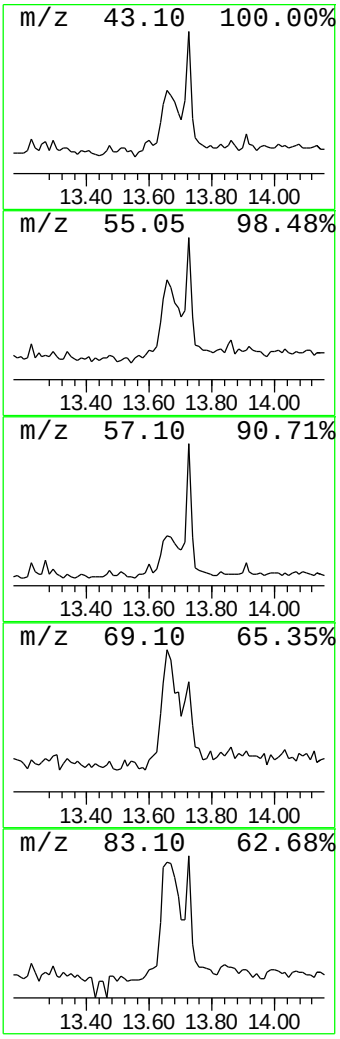
****

Peak Number 9 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.49 ng	111853	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	86
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
3	1-Eicosanol	298	C20H42O	000629-96-9	83
4	11-Tricosene	322	C23H46	052078-56-5	80
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	78





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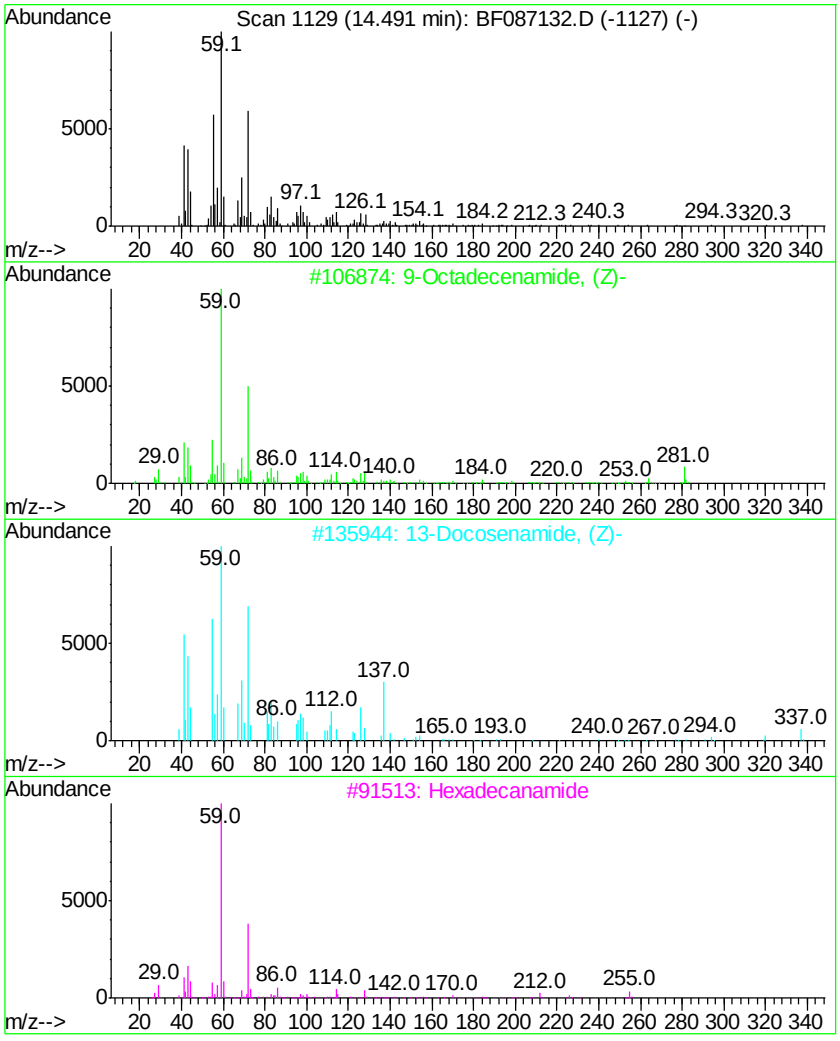
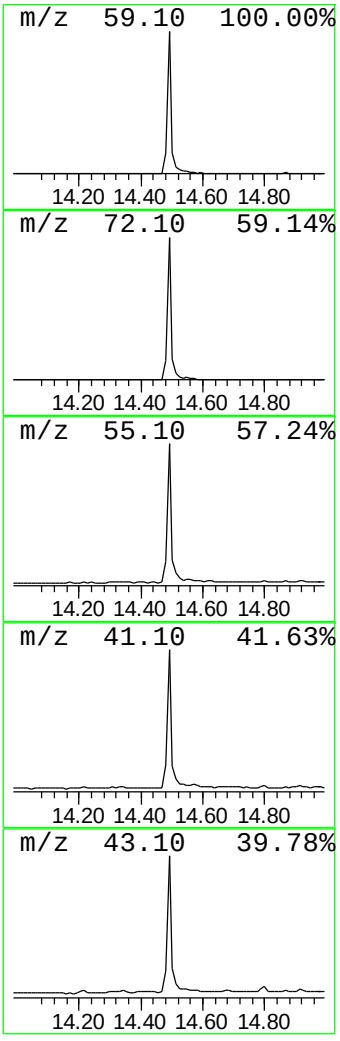
****

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	19.15 ng	695856	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
3	Hexadecanamide	255	C16H33NO	000629-54-9	64
4	7-Nonenamide	155	C9H17NO	090949-53-4	64
5	Hexanamide	115	C6H13NO	000628-02-4	47





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...	4.72	41.6	ng	1850970	1	6.59	890053	20.0
2-Pentanone, 4-me...	5.59	3.1	ng	137093	1	6.59	890053	20.0
unknown6.36	6.36	90.1	ng	4008920	1	6.59	890053	20.0
Hexadecane	10.07	2.8	ng	169895	3	9.62	1215360	20.0
1-Docosene	13.66	2.5	ng	111853	5	13.73	899867	20.0
9-Octadecenamide,...	14.49	19.1	ng	695856	6	15.09	726657	20.0