LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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-BF101316.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	5.091	239	241	251	rBV	802760	974320	25.26%	2.796%
2	5.514	275	278	280	rBV	3744247	3588178	93.01%	10.295%
3	6.543	365	368	370	rBV	3452828	3818683	98.99%	10.957%
4	6.680	377	380	382	rBV	3109797	3857672	100.00%	11.069%
5	6.909	398	400	402	rBV	1295740	1202476	31.17%	3.450%
6	7.069	411	414	416	rBV	1866164	2512418	65.13%	7.209%
7	7.469	447	449	455	rBV	1989982	2135682	55.36%	6.128%
8	8.200	510	513	515	rBV	1134697	1611796	41.78%	4.625%
9	9.275	604	607	609	rBV	3764235	3346538	86.75%	9.602%
10	9.663	639	641	644	rBV	667102	559131	14.49%	1.604%
11	9.949	664	666	669	rBV	1844786	1732589	44.91%	4.971%
12	10.383	703	704	706	rVB	70831	50087	1.30%	0.144%
13	10.601	720	723	726	rBV	22761	40568	1.05%	0.116%
14	10.738	733	735	738	rBV	1753471	1725772	44.74%	4.952%
15	10.852	744	745	750	rVB	60597	96425	2.50%	0.277%
16	11.309	783	785	786	rBV	43004	46907	1.22%	0.135%
17	11.435	794	796	805	rBV	1240597	1403624	36.39%	4.027%
18	11.664	813	816	821	rBV	107022	117196	3.04%	0.336%
19	12.647	900	902	905	rBV	53350	57818	1.50%	0.166%
20	12.841	918	919	921	rBV2	194337	240831	6.24%	0.691%
21	12.875	921	922	925	rVV	52187	63520	1.65%	0.182%
22	12.921	925	926	929	rVB	53273	44975	1.17%	0.129%
23	13.024	933	935	946	rBV	2370916	2403208	62.30%	6.895%
24	13.549	979	981	983	rBV	159800	173372	4.49%	0.497%
25	13.824	1001	1005	1006	rBV3	17163	44560	1.16%	0.128%
26	13.915	1011	1013	1018	rVV	161719	250923	6.50%	0.720%
27	14.075	1025	1027	1035	rBV	931711	1351624	35.04%	3.878%
28	14.555	1067	1069	1071	rVB	43614	55702	1.44%	0.160%
29	15.538	1152	1155	1167	rVB	893320	1345967	34.89%	3.862%

Sum of corrected areas: 34852562

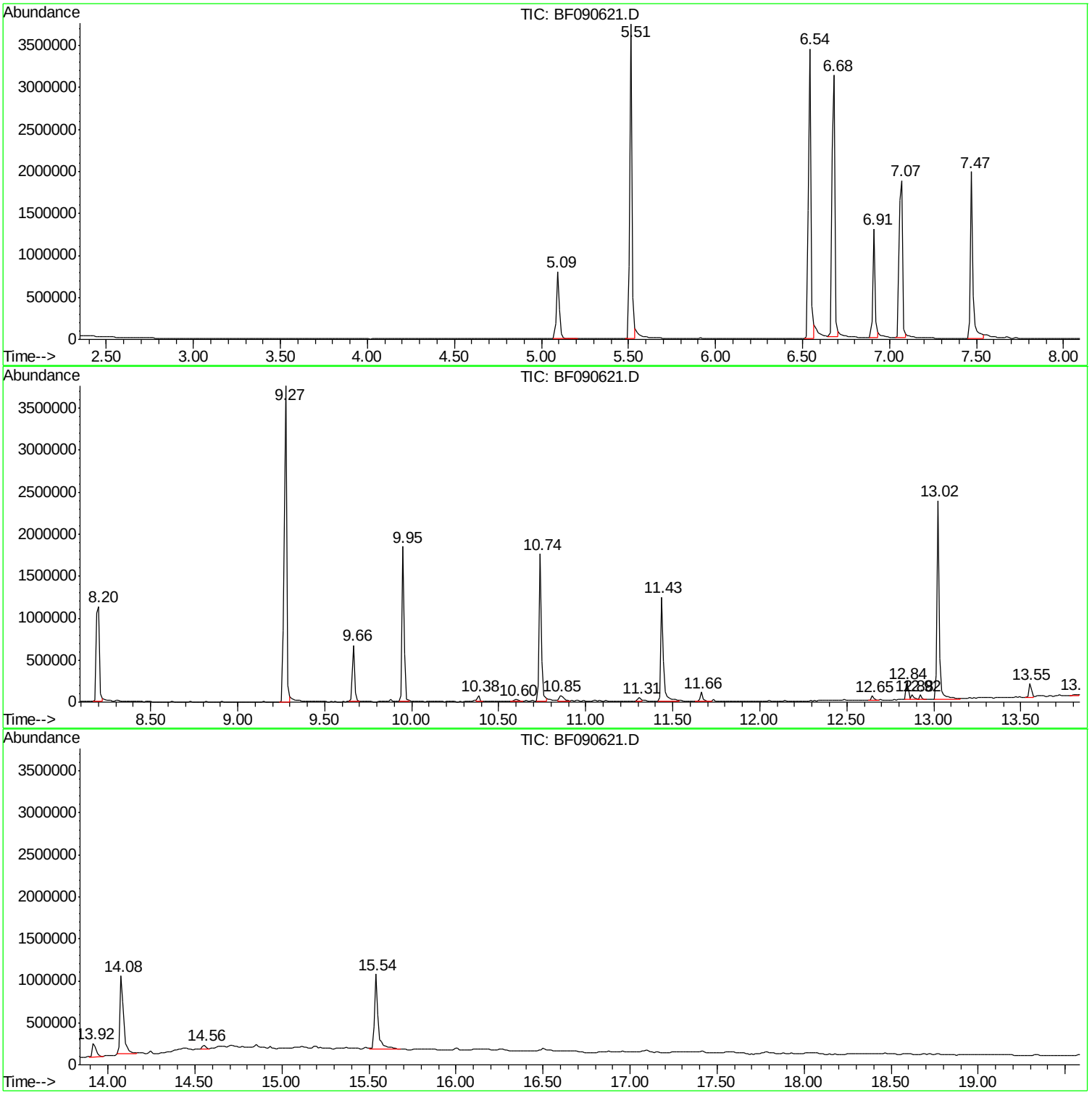
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

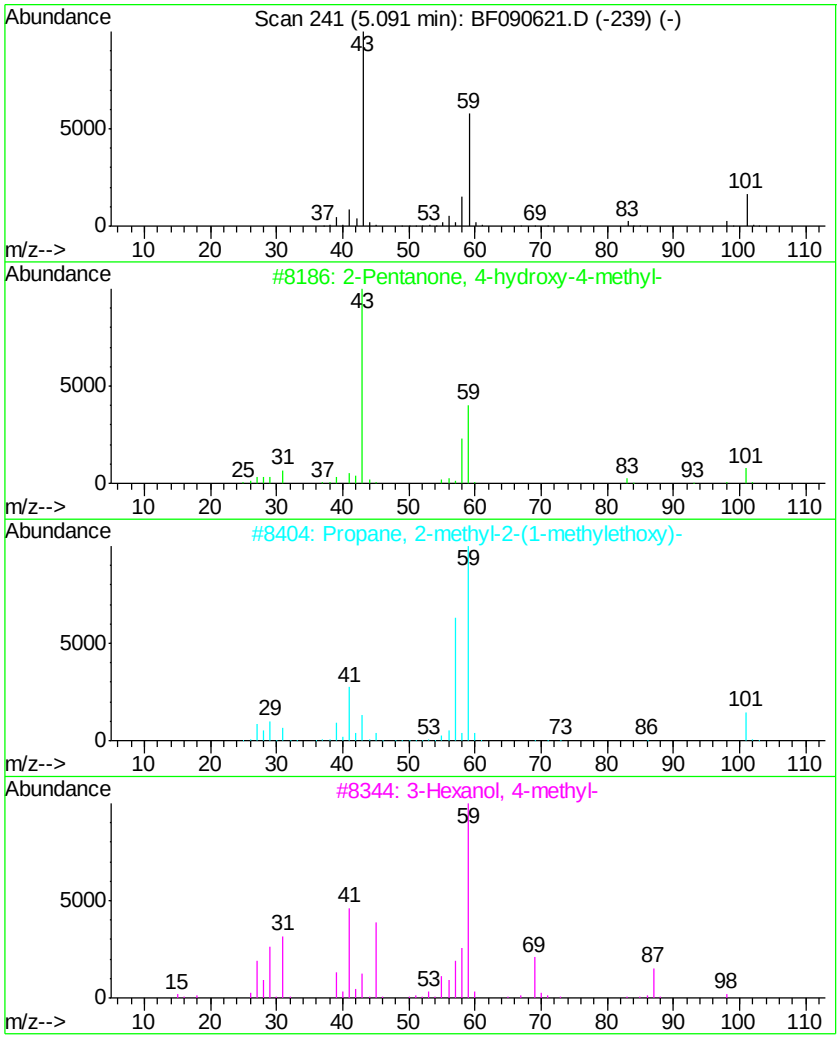
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

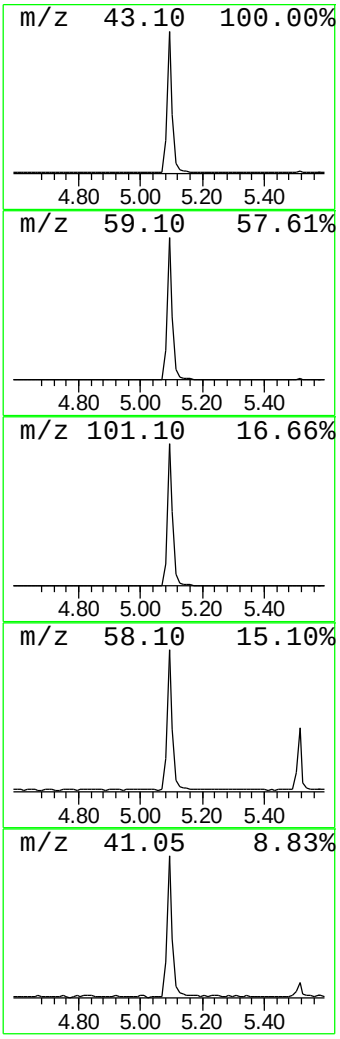
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	16.21 ng	974320	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

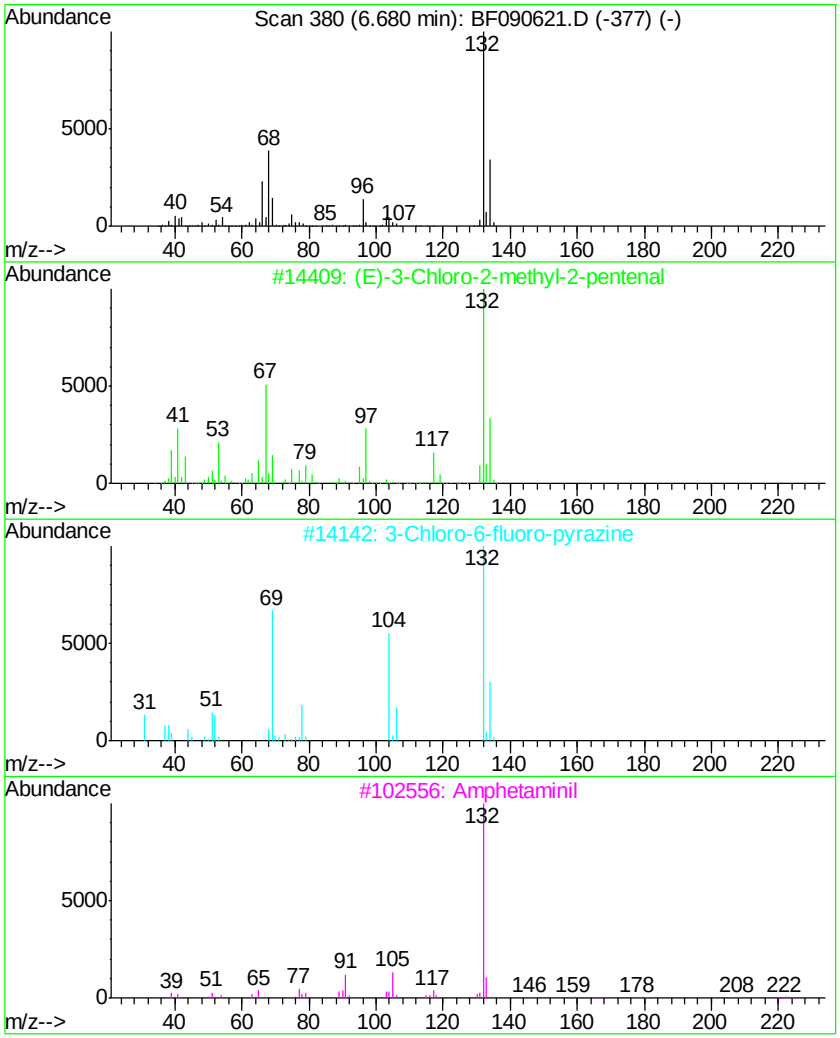
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

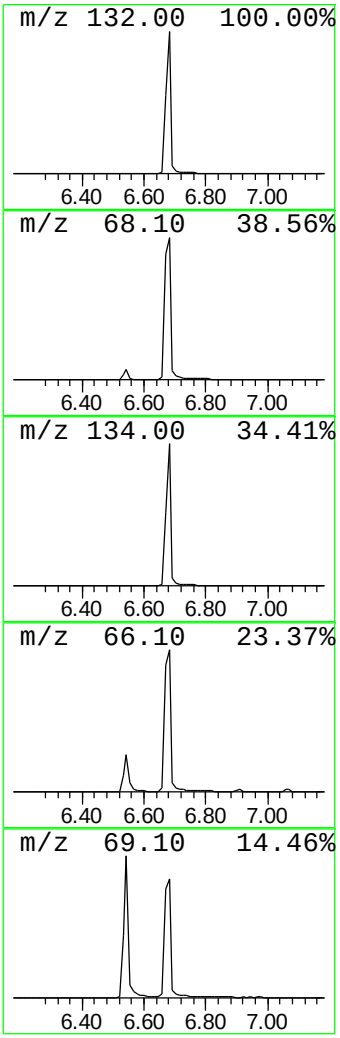
****

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	64.16 ng	3857670	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

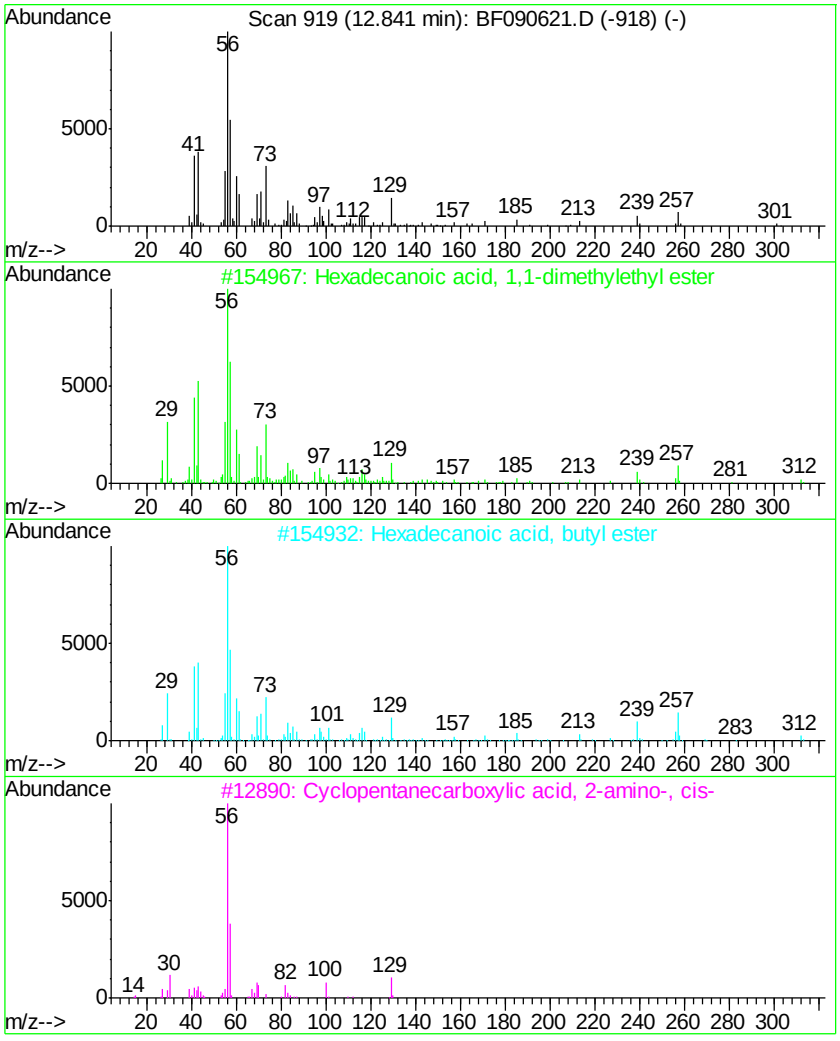
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

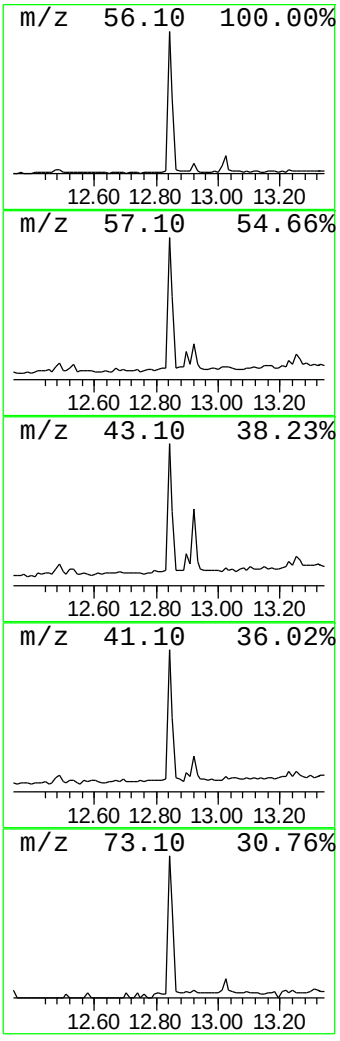
****

Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	3.56 ng	240831	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	43
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

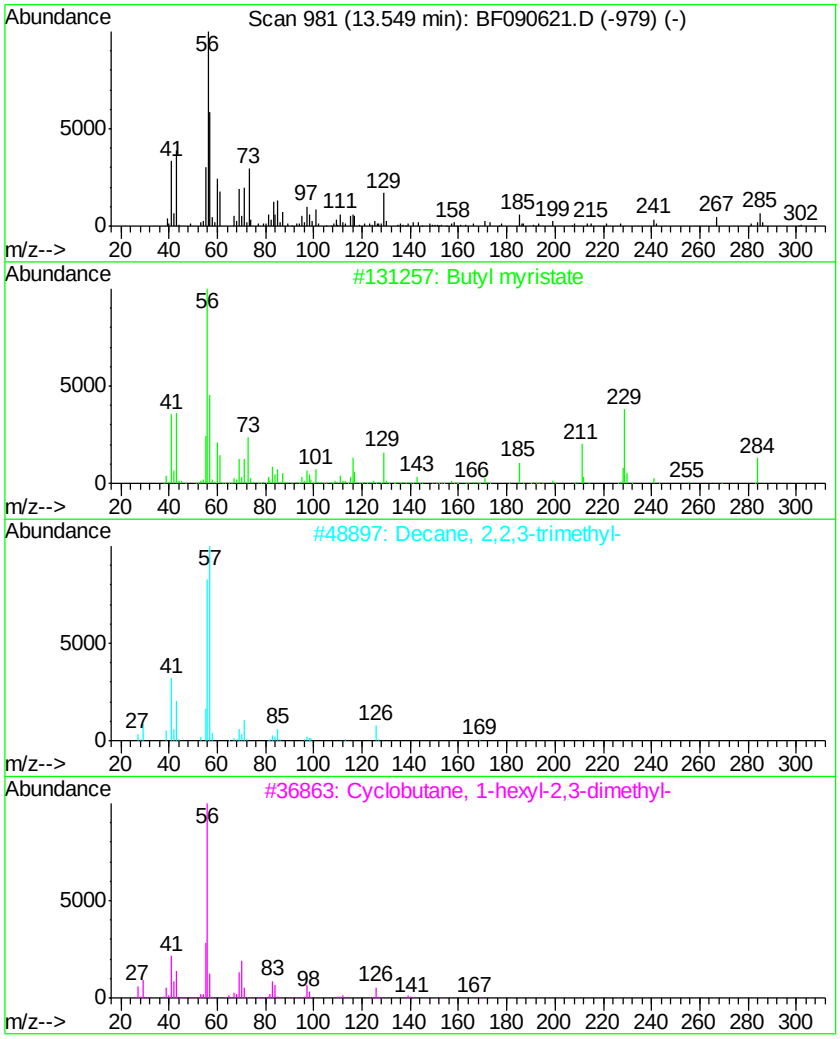
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

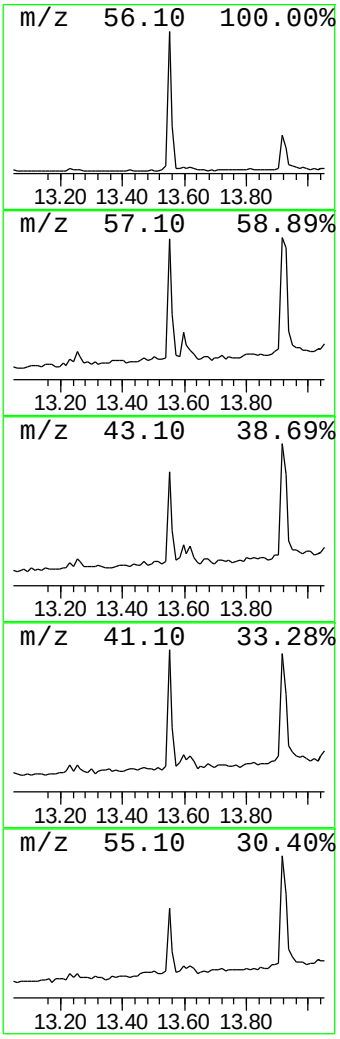
****

Peak Number 5 Butyl myristate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.57 ng	173372	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	80
2	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	47
3	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
4	1-[N-Aziridyl]heptene-3	139	C9H17N	1000255-07-6	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

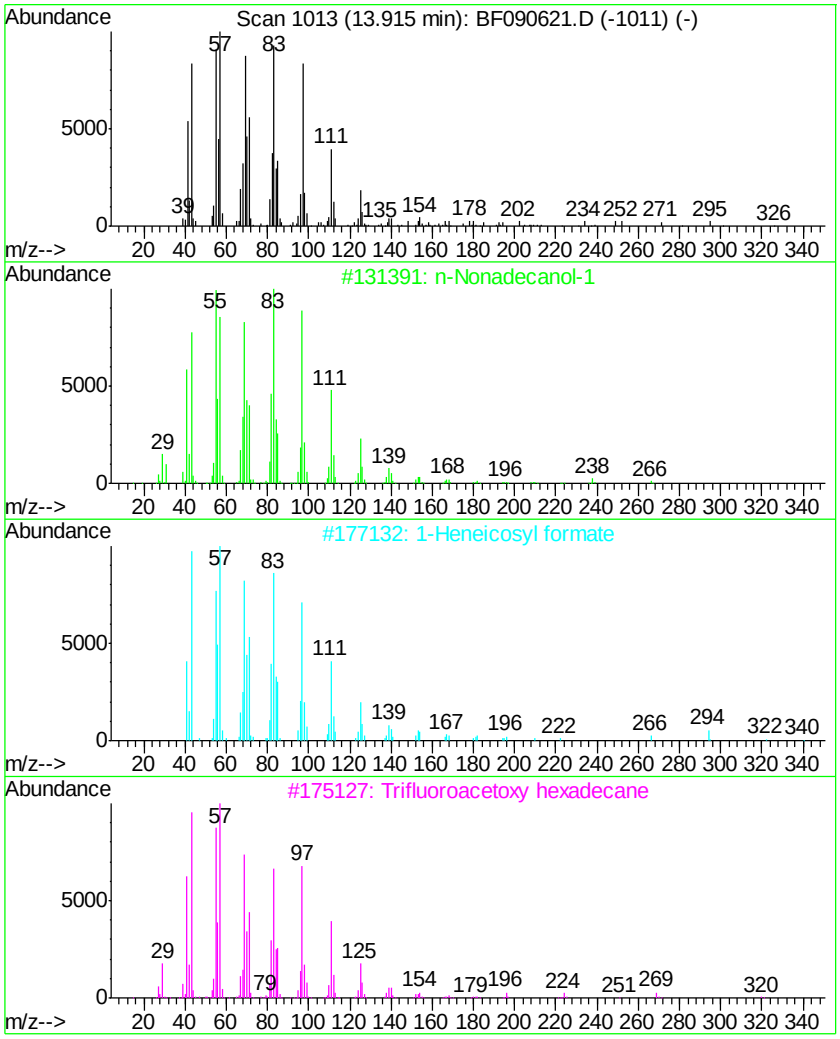
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

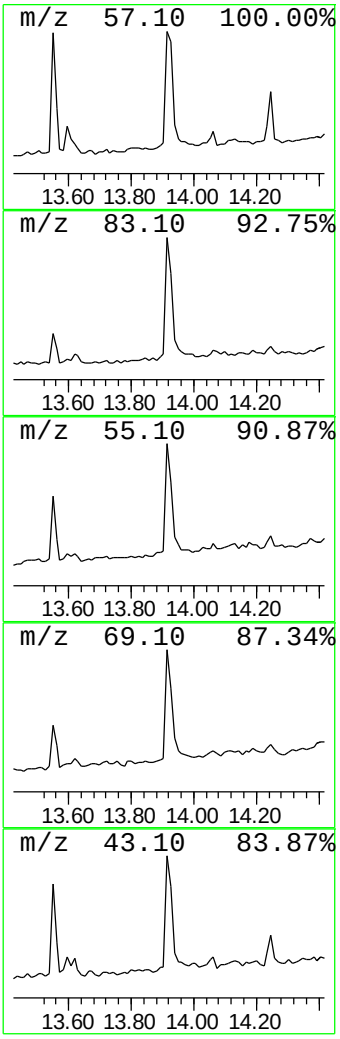
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.71 ng	250923	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090621.D
Acq On : 17 Oct 2016 21:30
Operator : UM/SJ
Sample : H5228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	16.2	ng	974320	1	6.91	1202480	20.0
unknown6.68	6.68	64.2	ng	3857670	1	6.91	1202480	20.0
Hexadecanoic acid...	12.84	3.6	ng	240831	5	14.08	1351620	20.0
Butyl myristate	13.55	2.6	ng	173372	5	14.08	1351620	20.0
n-Nonadecanol-1	13.92	3.7	ng	250923	5	14.08	1351620	20.0