LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

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-BF123115.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	5.047	256	259	266	rVB	1148755	1860301	26.09%	2.970%
2	5.470	293	296	298	rBV	6450094	6379063	89.46%	10.183%
3	6.499	383	386	389	rBV	4714930	7130512	100.00%	11.383%
4	6.625	394	397	400	rBV	5733329	6308742	88.48%	10.071%
5	6.853	415	417	419	rBV	2023057	1623696	22.77%	2.592%
6	7.013	428	431	433	rBV	5863971	5217149	73.17%	8.328%
7	7.425	464	467	469	rBV	4655319	4864488	68.22%	7.765%
8	8.145	527	530	532	rBV	1930563	2062939	28.93%	3.293%
9	9.219	621	624	626	rBV	7417784	6552763	91.90%	10.461%
10	9.619	656	659	660	rBV	1025859	1340210	18.80%	2.139%
11	9.825	676	677	679	rBV	168089	186036	2.61%	0.297%
12	9.893	681	683	686	rVB	2516187	2169529	30.43%	3.463%
13	10.328	720	721	723	rVB	404934	319836	4.49%	0.511%
14	10.545	737	740	744	rBV	111391	216705	3.04%	0.346%
15	10.682	749	752	755	rBV	3876591	4055642	56.88%	6.474%
16	10.796	760	762	769	rVB	307303	580434	8.14%	0.927%
17	10.991	777	779	784	rVB	51195	115727	1.62%	0.185%
18	11.254	800	802	803	rBV	186639	184965	2.59%	0.295%
19	11.276	803	804	808	rVV	69459	78327	1.10%	0.125%
20	11.379	811	813	815	rBV	2323152	1958035	27.46%	3.126%
21	11.436	815	818	822	rVB	38003	79959	1.12%	0.128%
22	12.785	934	936	938	rBV	249741	273620	3.84%	0.437%
23	12.865	938	943	949	rVB2	168660	333997	4.68%	0.533%
24	12.968	949	952	954	rBV	5430576	5364107	75.23%	8.563%
25	13.494	996	998	1000	rBV	261699	230283	3.23%	0.368%
26	13.871	1028	1031	1041	rBV	142510	259295	3.64%	0.414%
27	14.008	1041	1043	1046	rBV	1104751	1299702	18.23%	2.075%
28	15.437	1166	1168	1171	rBV	789933	1142242	16.02%	1.823%
29	16.374	1247	1250	1260	rVB4	44547	109214	1.53%	0.174%
30	16.946	1296	1300	1304	rBV	33460	75034	1.05%	0.120%
31	17.608	1355	1358	1366	rVB2	42155	106559	1.49%	0.170%
32	18.397	1423	1427	1431	rBV3	30786	82314	1.15%	0.131%
33	19.346	1506	1510	1516	rVB3	24626	81356	1.14%	0.130%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

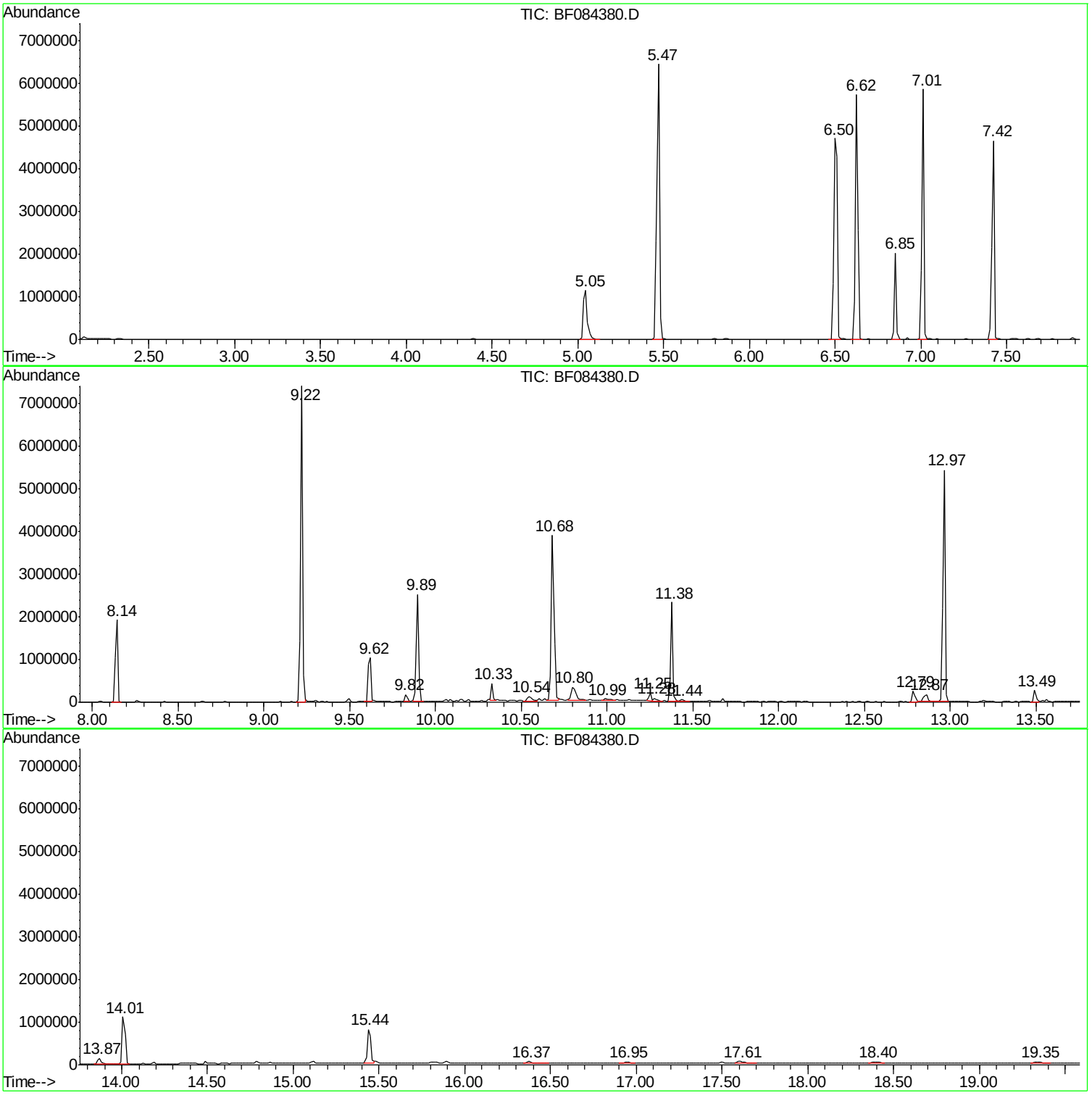
Sum of corrected areas: 62642781

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

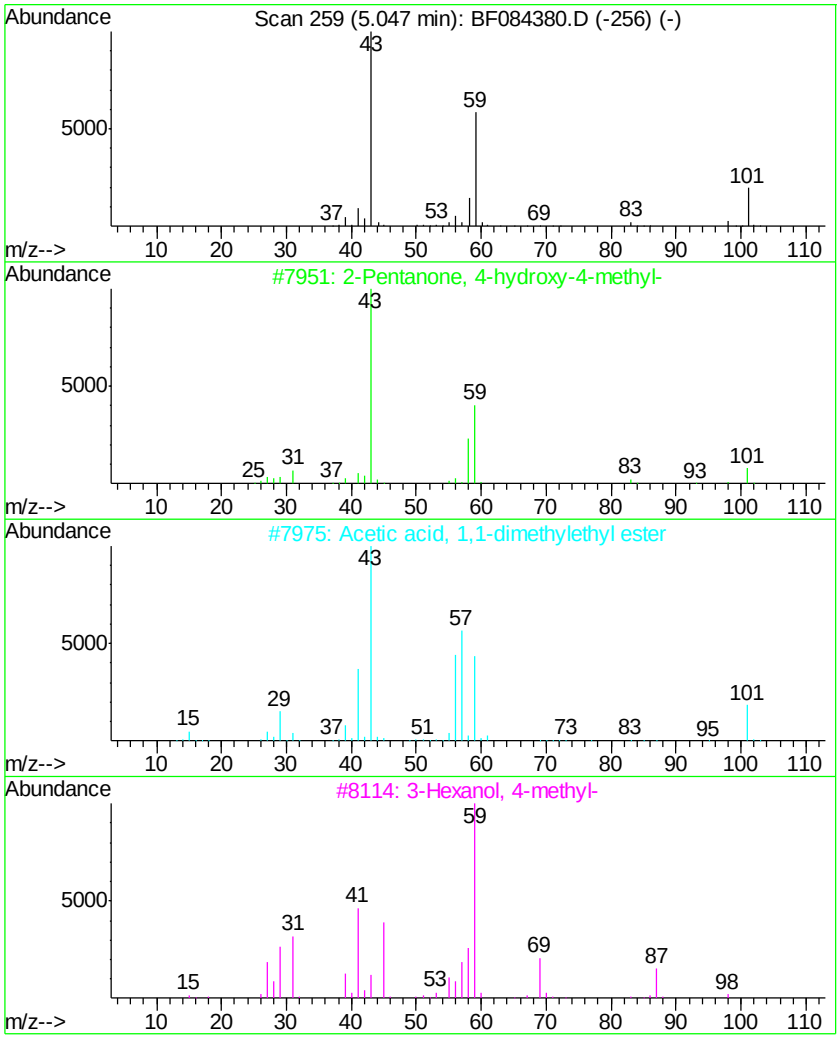
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

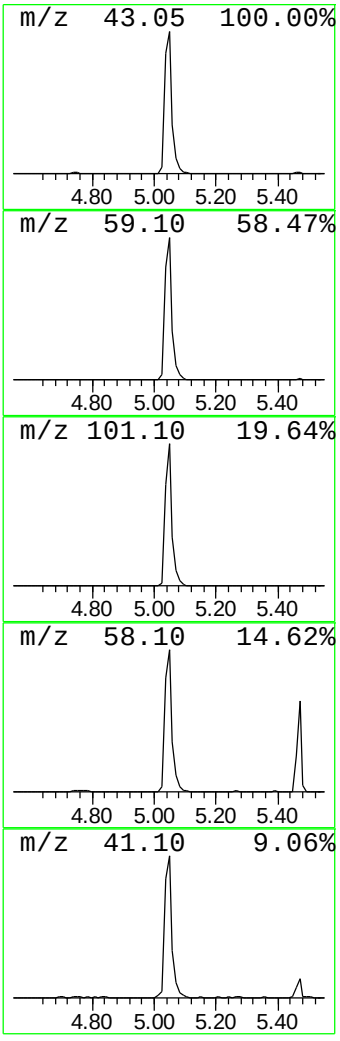
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	22.91 ng	1860300	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

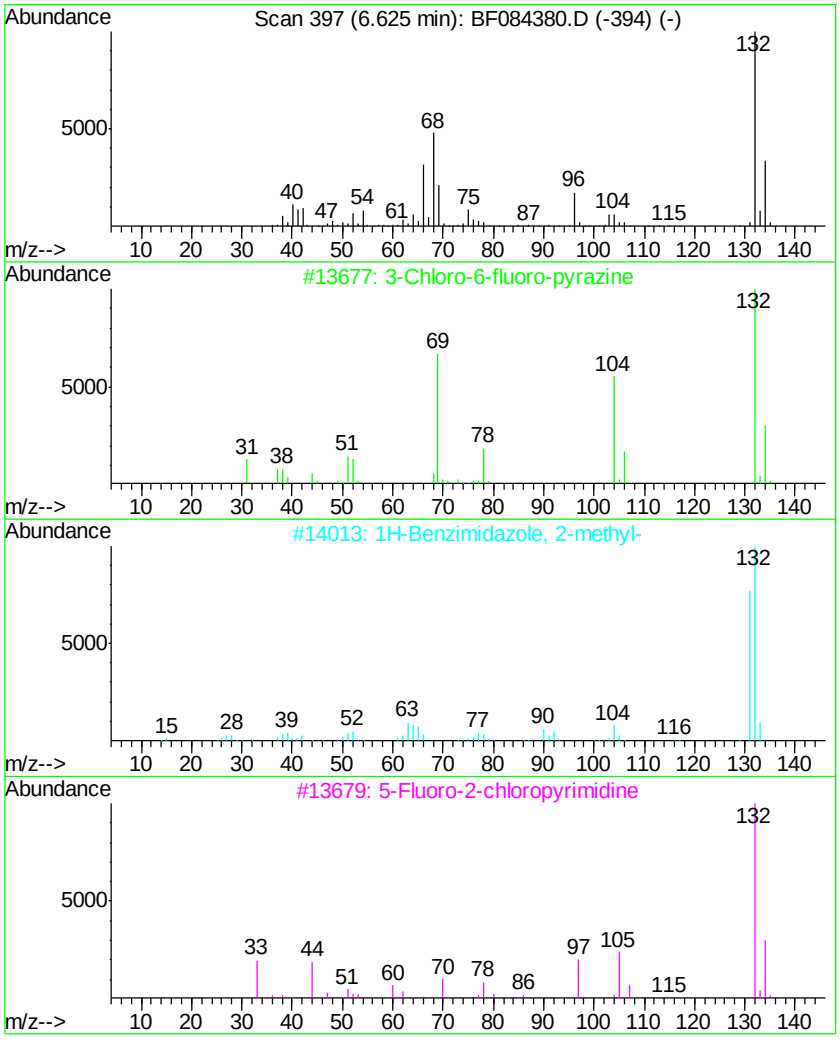
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

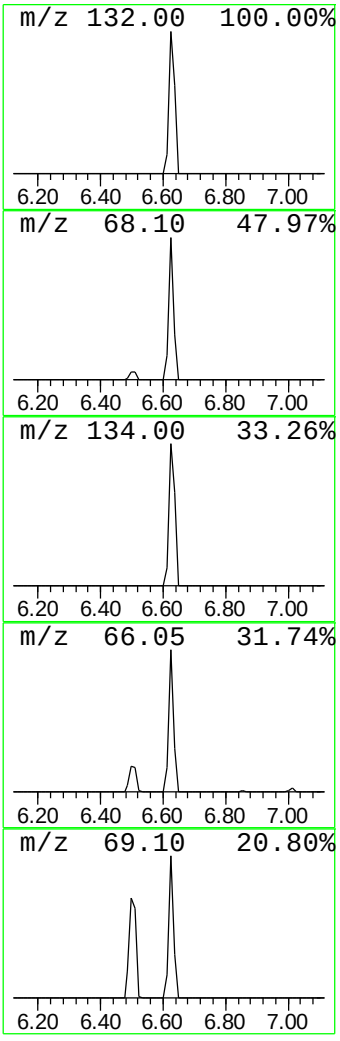
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.71 ng	6308740	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

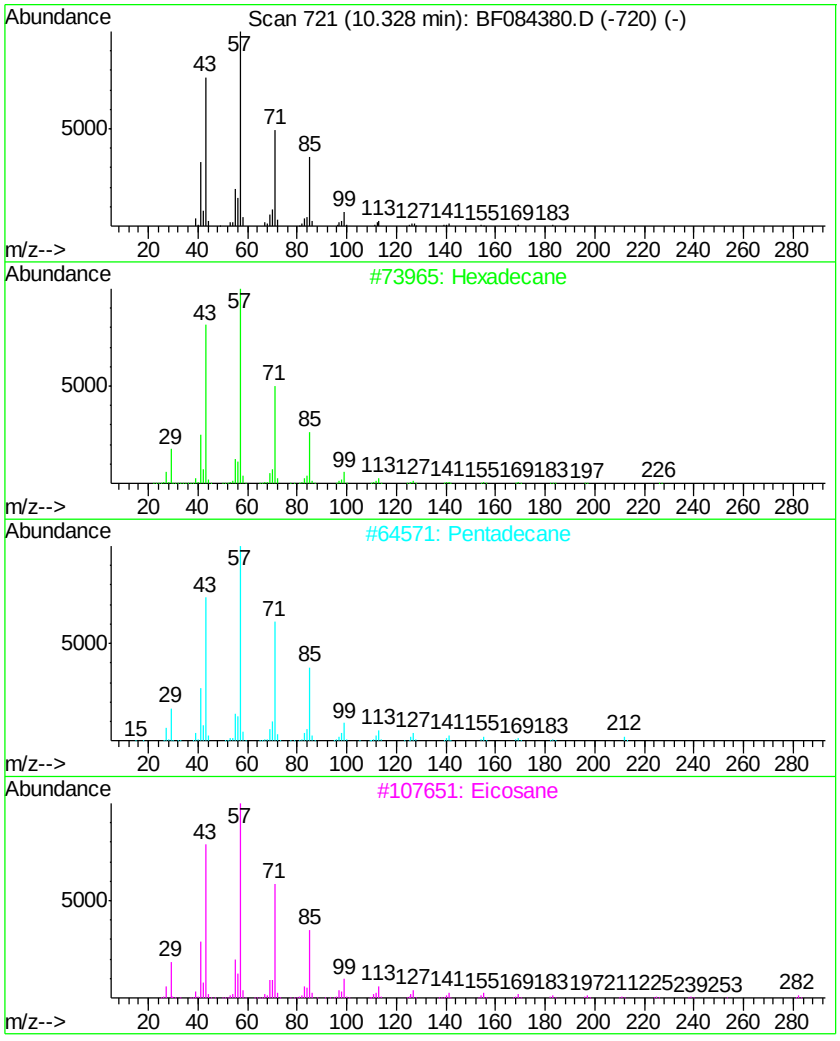
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

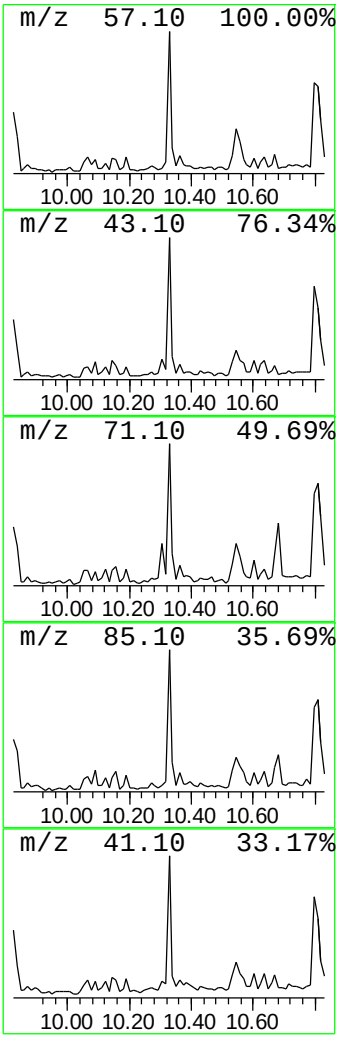
****

Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.95 ng	319836	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

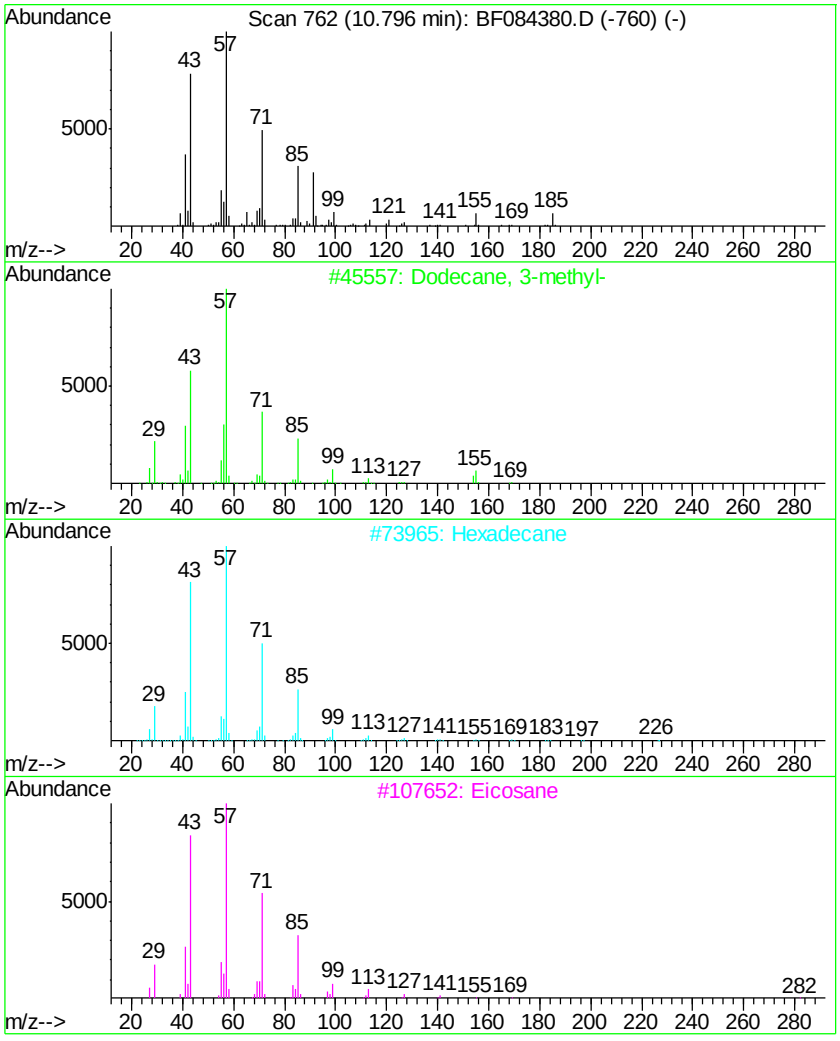
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

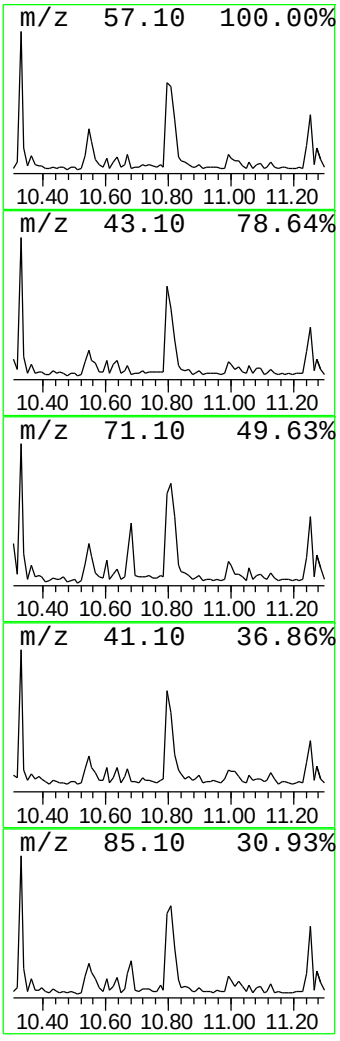
****

Peak Number 5 Dodecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.93 ng	580434	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	80
2	Hexadecane	226	C16H34	000544-76-3	74
3	Eicosane	282	C20H42	000112-95-8	72
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





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Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

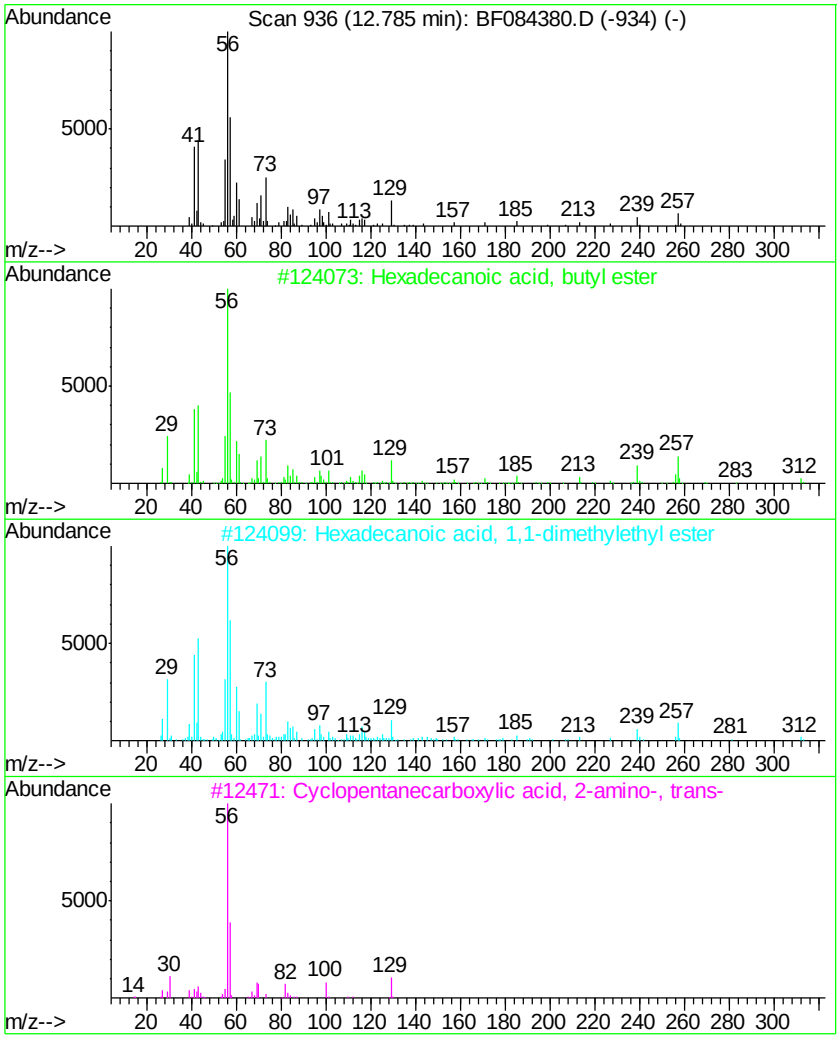
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

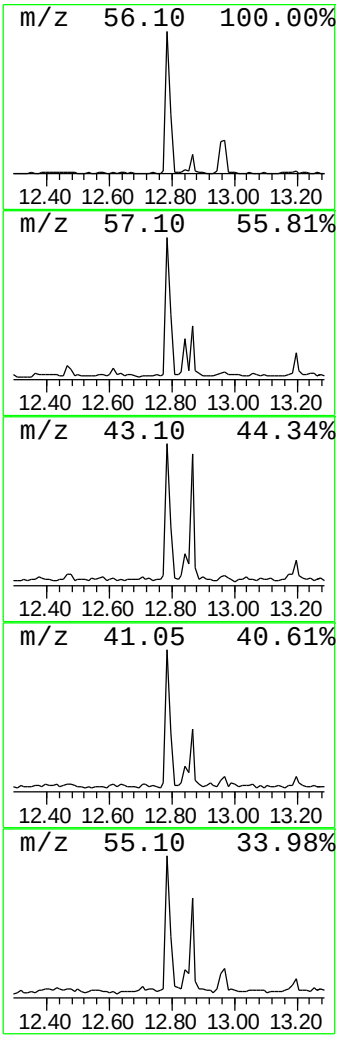
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.21 ng	273620	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	68
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	46
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38





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Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

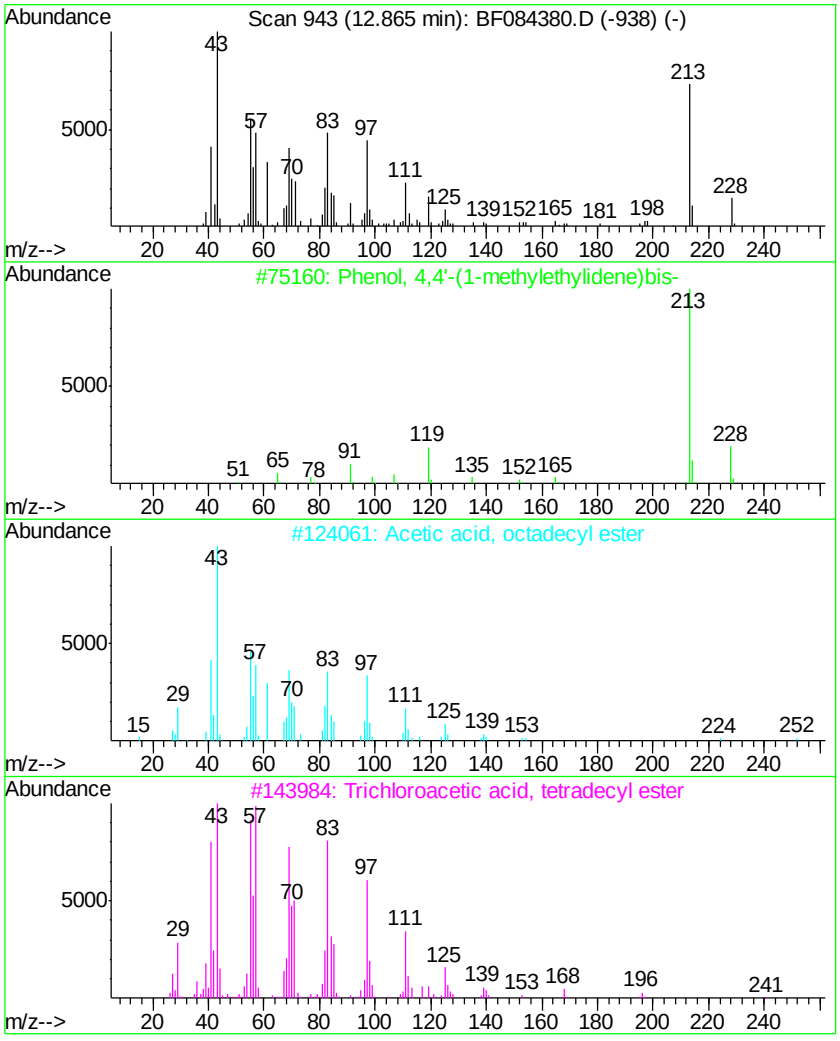
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

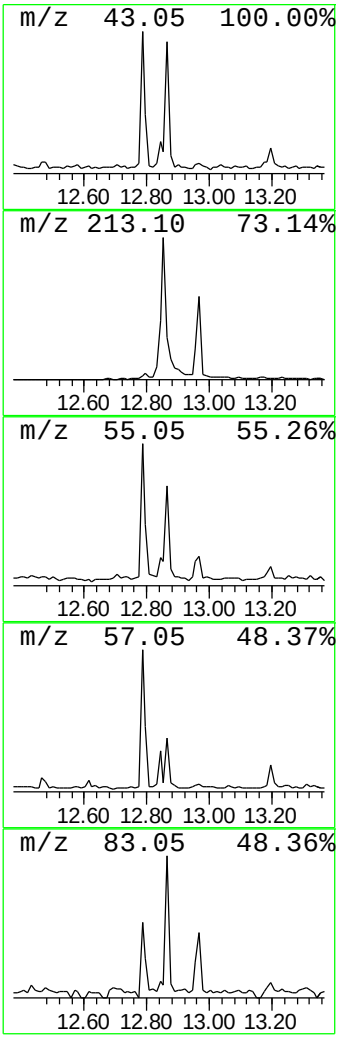
****

Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.14 ng	333997	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	81
2	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	49
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	42
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	42
5	1-Docosene	308	C22H44	001599-67-3	38





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Data File : BF084380.D
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Sample : H1043-20
Misc :
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Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

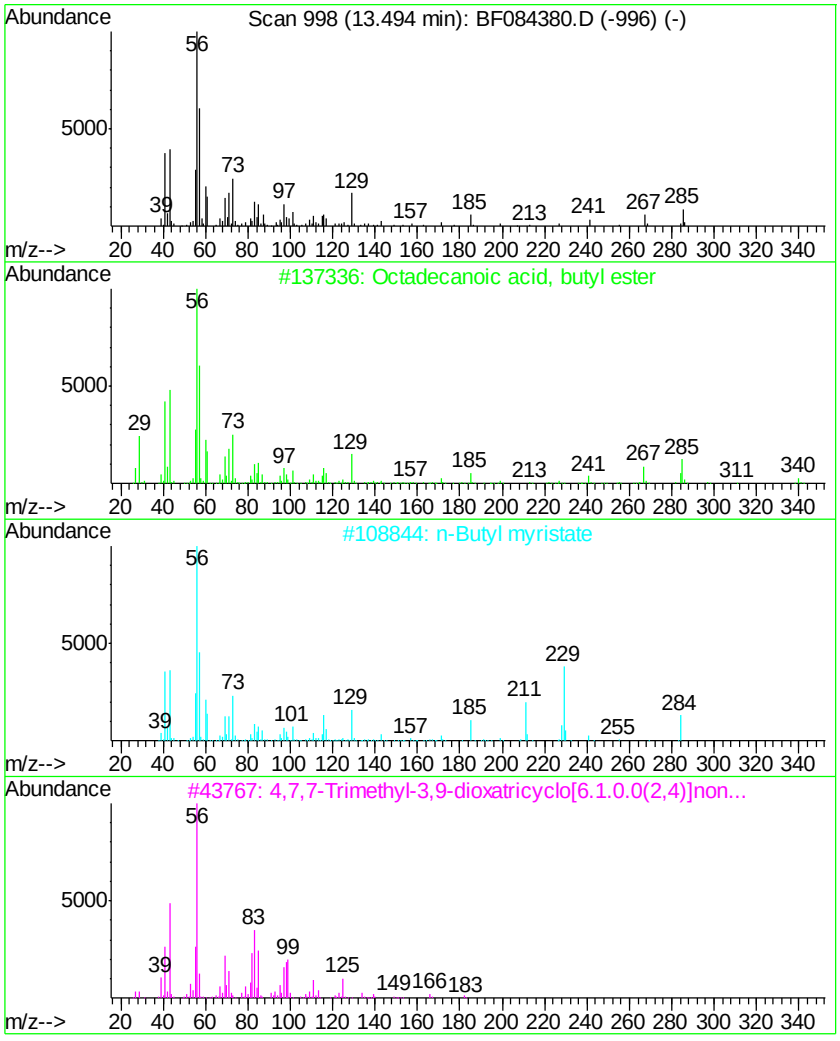
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

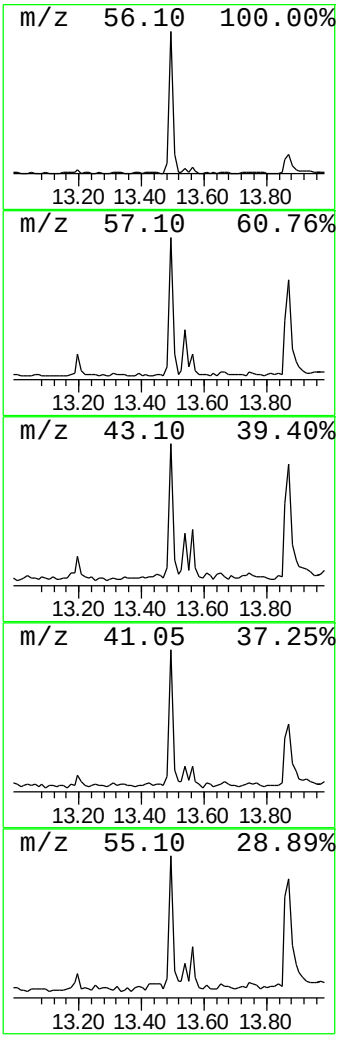
****

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.54 ng	230283	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	90
3	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	43
4	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

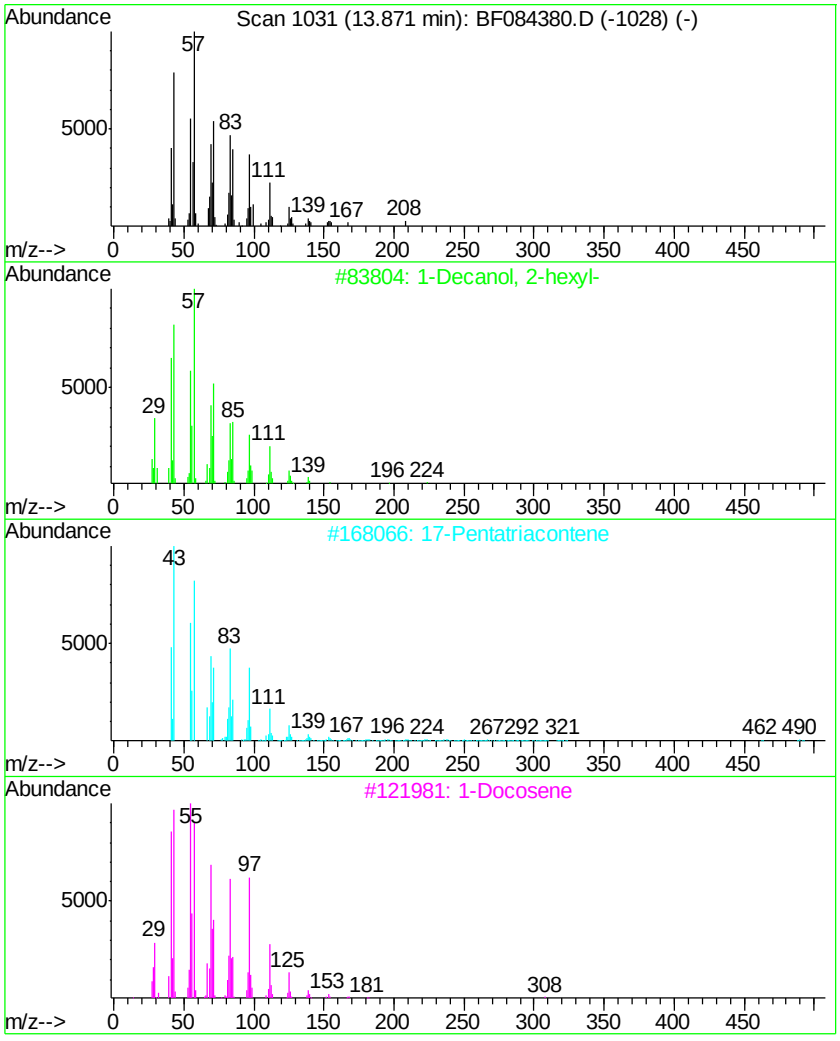
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

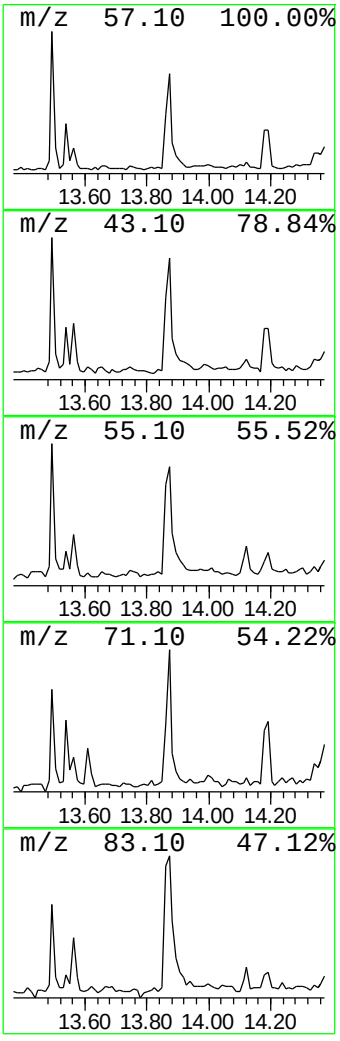
****

Peak Number 9 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.99 ng	259295	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	72
2	17-Pentatriacontene	491	C35H70	006971-40-0	72
3	1-Docosene	308	C22H44	001599-67-3	70
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	58
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084380.D
Acq On : 11 Jan 2016 15:26
Operator : SJ/UM
Sample : H1043-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	5.05	22.9	ng	1860300	1	6.85	1623700	20.0
unknown6.62	6.62	77.7	ng	6308740	1	6.85	1623700	20.0
Hexadecane	10.33	3.0	ng	319836	3	9.89	2169530	20.0
Dodecane, 3-methyl-	10.80	5.9	ng	580434	4	11.38	1958040	20.0
Hexadecanoic acid...	12.79	4.2	ng	273620	5	14.01	1299700	20.0
Phenol, 4,4'-(1-m...	12.87	5.1	ng	333997	5	14.01	1299700	20.0
Octadecanoic acid...	13.49	3.5	ng	230283	5	14.01	1299700	20.0
1-Decanol, 2-hexyl-	13.87	4.0	ng	259295	5	14.01	1299700	20.0