LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

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-BF060716.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	1.736	11	13	22	rVB	83024	158335	5.65%	0.603%
2	1.861	22	24	35	rVV	854514	1518814	54.22%	5.786%
3	1.998	35	36	53	rVB	53003	154950	5.53%	0.590%
4	4.959	293	295	301	rBV	157814	219077	7.82%	0.835%
5	5.382	329	332	335	rBV	1725585	2046540	73.06%	7.796%
6	6.056	389	391	393	rBV	35406	28070	1.00%	0.107%
7	6.433	421	424	426	rBV	2060857	2327749	83.10%	8.867%
8	6.559	432	435	437	rBV	2254926	2139672	76.38%	8.150%
9	6.787	453	455	458	rBV	747947	719200	25.67%	2.740%
10	6.947	467	469	471	rVB	2046307	1759390	62.81%	6.702%
11	7.359	502	505	507	rBV	1552037	1500642	53.57%	5.716%
12	8.079	566	568	570	rBV	1222200	1006337	35.92%	3.833%
13	9.165	660	663	665	rBV	2667373	2801275	100.00%	10.671%
14	9.496	688	692	693	rBV	57223	54309	1.94%	0.207%
15	9.553	695	697	699	rVB	398968	337270	12.04%	1.285%
16	9.748	710	714	715	rBV2	25681	38759	1.38%	0.148%
17	9.782	715	717	719	rVV2	51755	84333	3.01%	0.321%
18	9.839	719	722	723	rVV	884034	1083191	38.67%	4.126%
19	9.873	723	725	727	rVB	114513	113642	4.06%	0.433%
20	9.965	730	733	734	rBV2	22090	29845	1.07%	0.114%
21	9.999	734	736	737	rBV2	21471	33841	1.21%	0.129%
22	10.034	737	739	741	rVB	43944	40165	1.43%	0.153%
23	10.274	758	760	762	rBV	93576	70688	2.52%	0.269%
24	10.491	777	779	781	rBV	26197	44022	1.57%	0.168%
25	10.536	781	783	785	rVV2	44763	47095	1.68%	0.179%
26	10.616	787	790	793	rVV2	1221674	1559944	55.69%	5.942%
27	10.742	800	801	805	rBV2	100208	126693	4.52%	0.483%
28	10.811	805	807	808	rVV	42975	42930	1.53%	0.164%
29	10.845	808	810	811	rVV	53405	63498	2.27%	0.242%
30	10.879	811	813	816	rVB3	38526	77327	2.76%	0.295%
31	10.936	816	818	821	rBV3	24589	52882	1.89%	0.201%
32	10.982	821	822	824	rVV2	39775	52595	1.88%	0.200%
33	11.028	824	826	828	rVV	46083	64118	2.29%	0.244%
34	11.062	828	829	832	rVB	32271	32817	1.17%	0.125%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.188	839	840	845	rVB2	32143	52823	1.89%	0.201%
36	11.314	849	851	853	rVV	1149249	992336	35.42%	3.780%
37	11.554	869	872	875	rBV2	22485	49946	1.78%	0.190%
38	11.851	896	898	902	rBV	149584	164032	5.86%	0.625%
39	12.742	973	976	978	rBV	18453	31370	1.12%	0.119%
40	12.902	987	990	992	rBV	2140646	1994548	71.20%	7.598%
41	13.817	1067	1070	1079	rBV	63514	152461	5.44%	0.581%
42	13.942	1079	1081	1084	rBV	830339	791501	28.26%	3.015%
43	14.457	1121	1126	1130	rBV5	24552	80361	2.87%	0.306%
44	14.800	1154	1156	1158	rVB	26244	30511	1.09%	0.116%
45	14.948	1167	1169	1173	rBV	14514	32396	1.16%	0.123%
46	15.040	1175	1177	1179	rVV	31880	46922	1.68%	0.179%
47	15.097	1179	1182	1192	rVB8	13359	53405	1.91%	0.203%
48	15.360	1202	1205	1206	rBV	557765	697676	24.91%	2.658%
49	15.394	1206	1208	1210	rVB	142624	201295	7.19%	0.767%
50	15.806	1241	1244	1247	rBV	50739	79442	2.84%	0.303%
51	17.291	1370	1374	1375	rBV4	15782	35867	1.28%	0.137%
52	17.771	1413	1416	1421	rVB4	11507	31401	1.12%	0.120%
53	18.206	1451	1454	1460	rVB3	13803	42601	1.52%	0.162%
54	18.983	1520	1522	1528	rVB5	10818	29527	1.05%	0.112%
55	19.257	1541	1546	1559	rVB3	47721	231621	8.27%	0.882%

Sum of corrected areas: 26252057

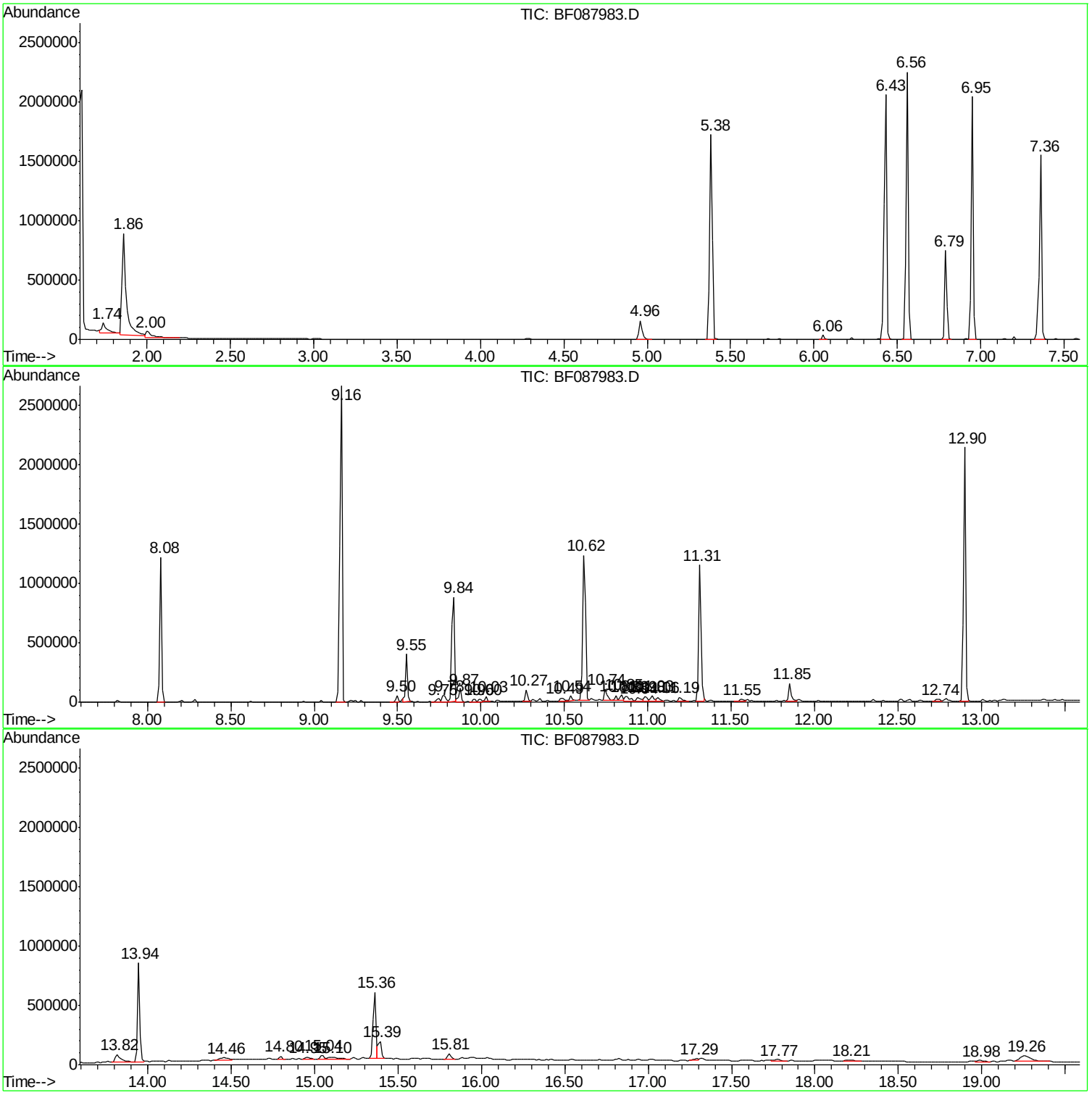
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

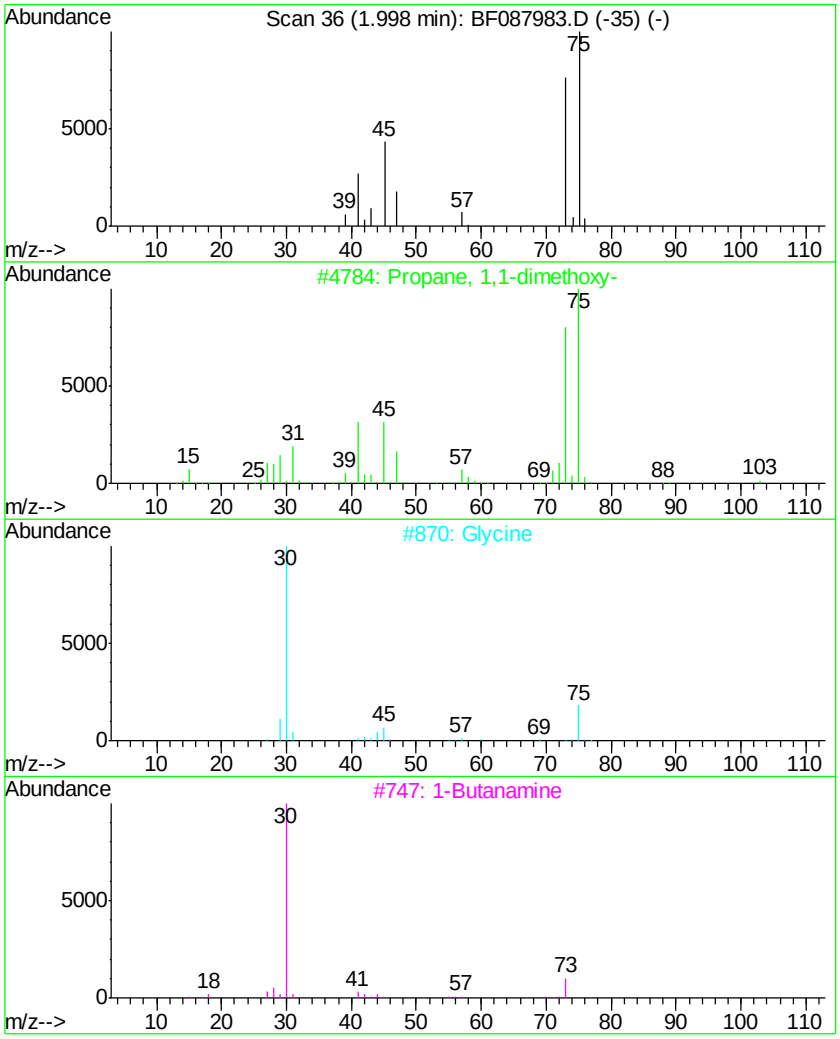
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

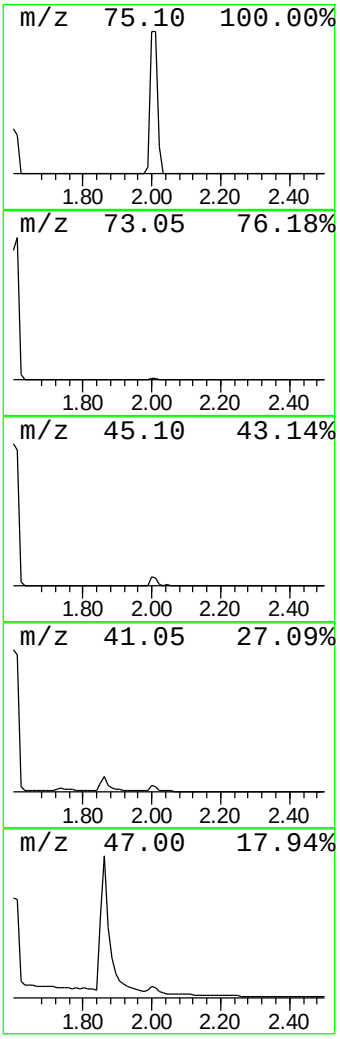
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	4.31 ng	154950	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Glycine	75	C2H5NO2	000056-40-6	9
3	1-Butanamine	73	C4H11N	000109-73-9	4
4	Methane, nitroso-	45	CH3NO	000865-40-7	4
5	N-Ethylformamide	73	C3H7NO	000627-45-2	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

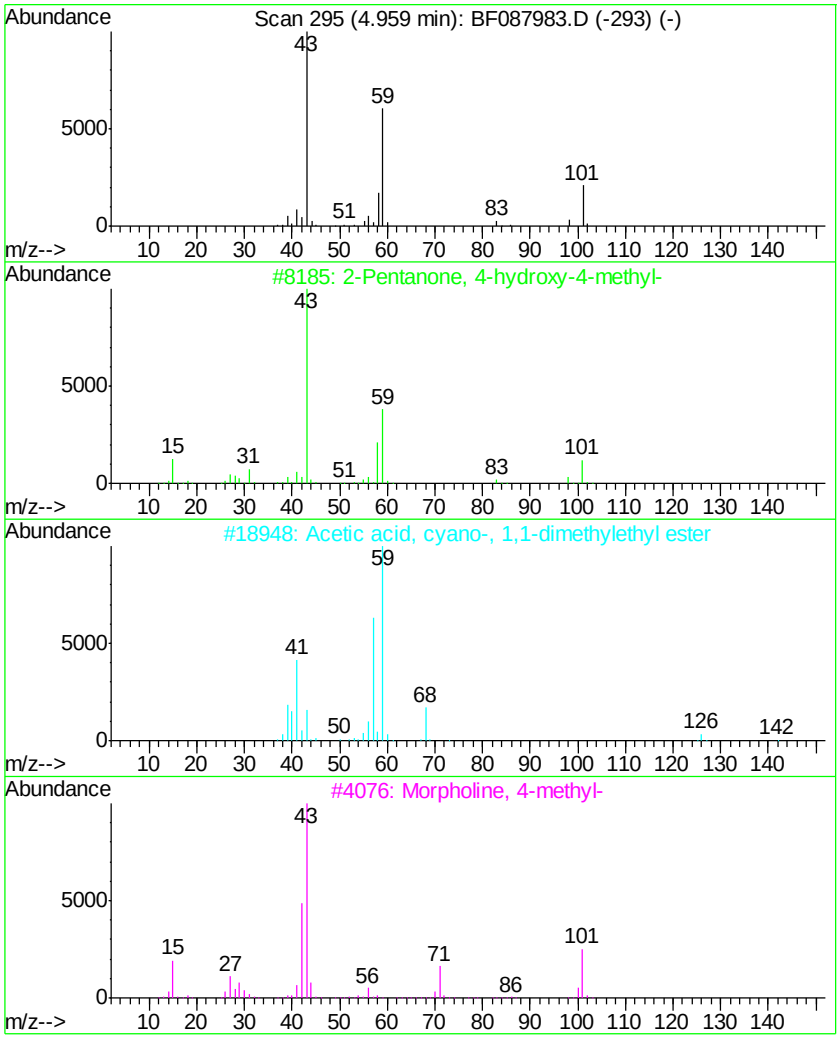
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

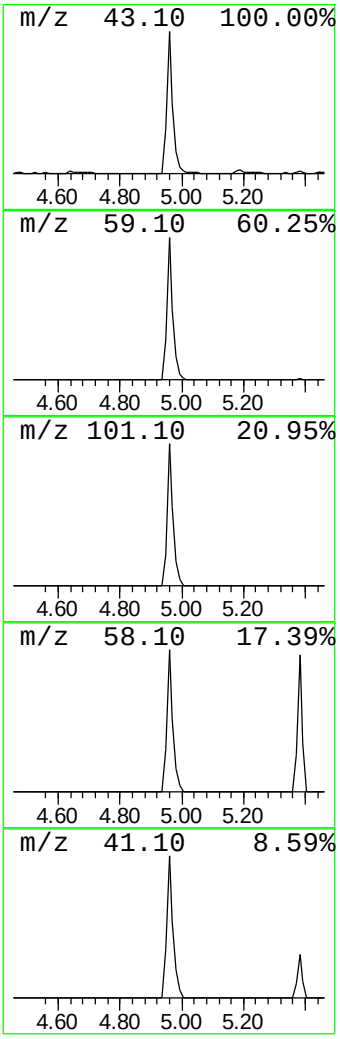
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	6.09 ng	219077	1,4-Dichlorobenzene-d4	6.79

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

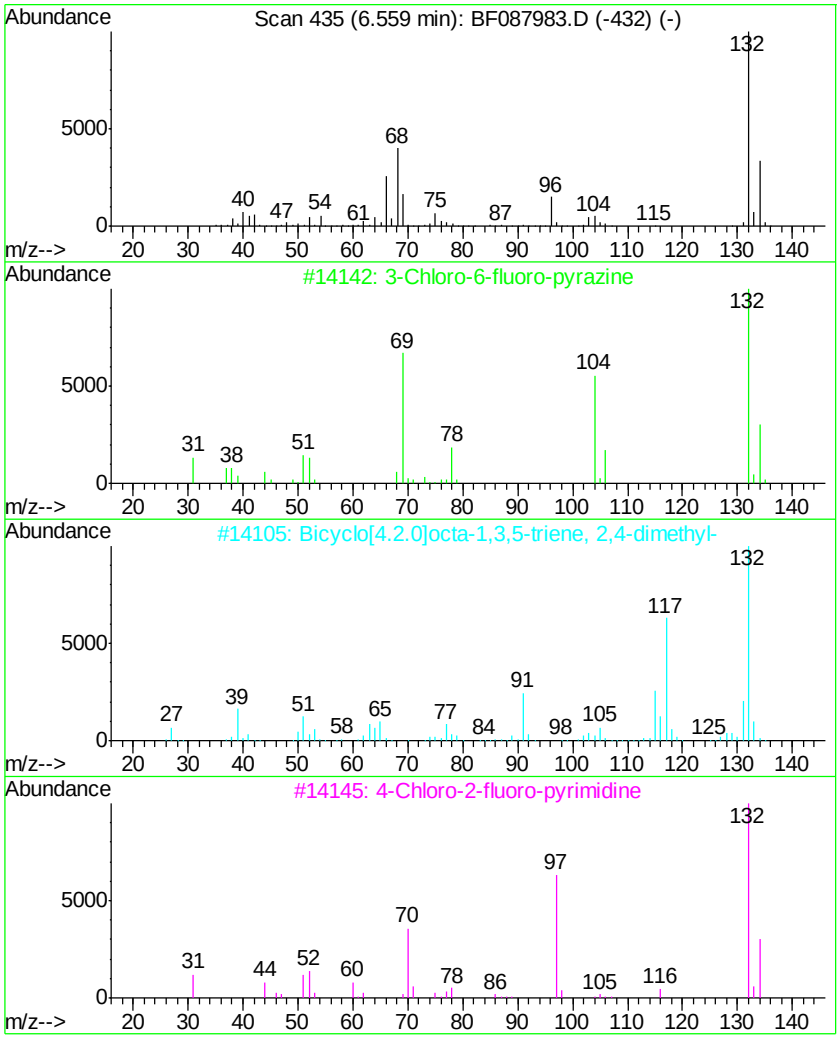
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

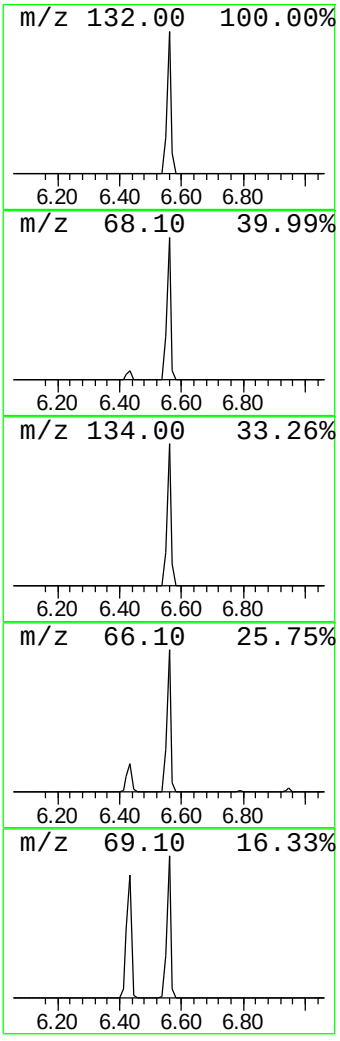
****

Peak Number 5 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	59.50 ng	2139670	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

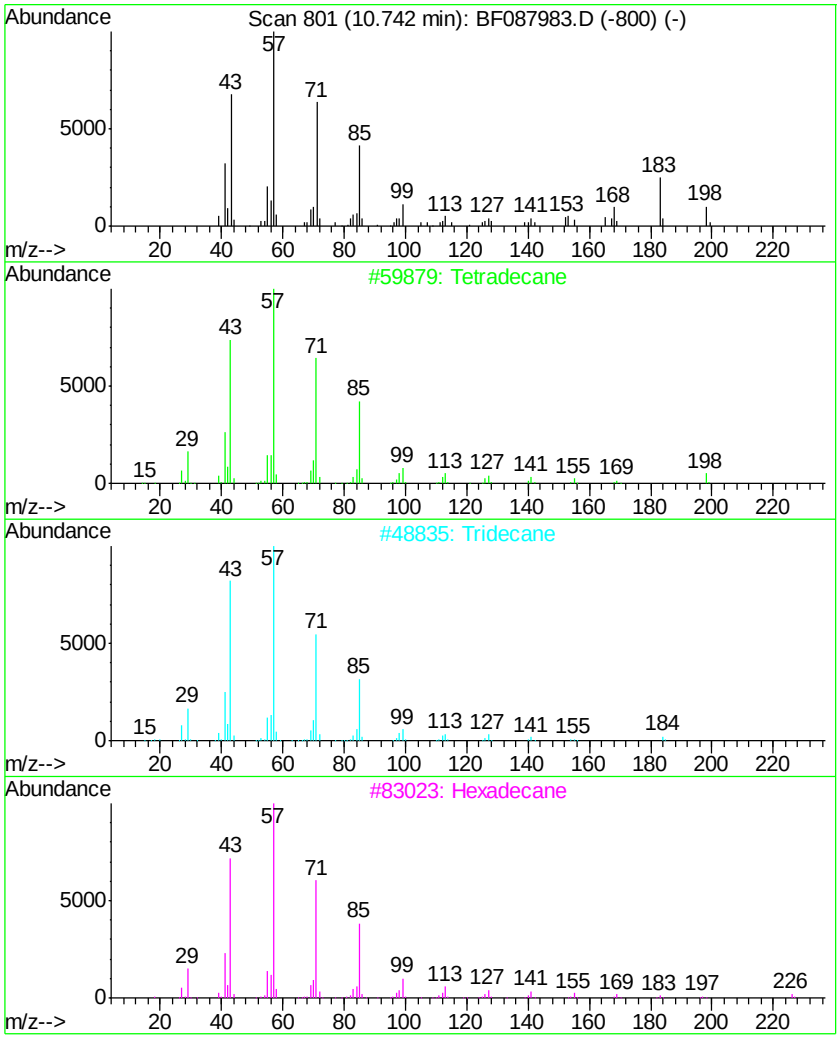
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

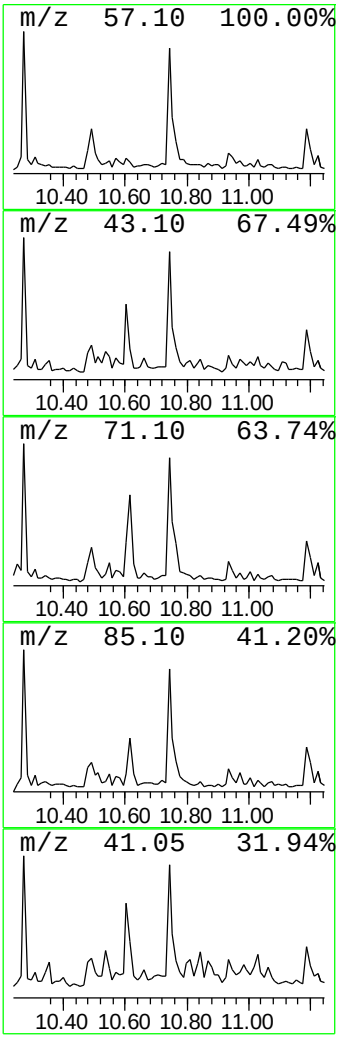
****

Peak Number 7 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.55 ng	126693	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Eicosane	282	C20H42	000112-95-8	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

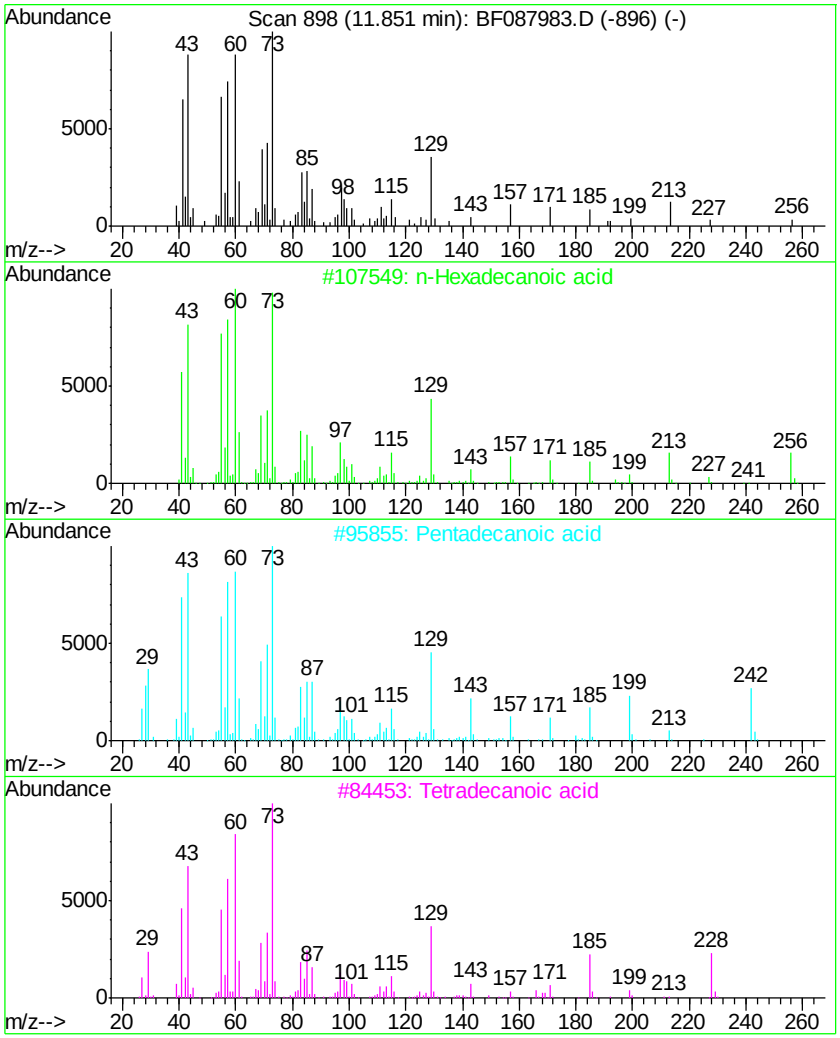
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

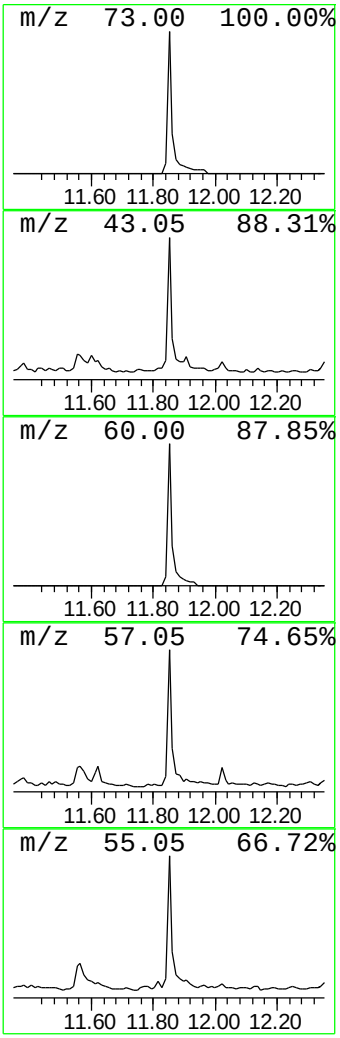
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.31 ng	164032	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

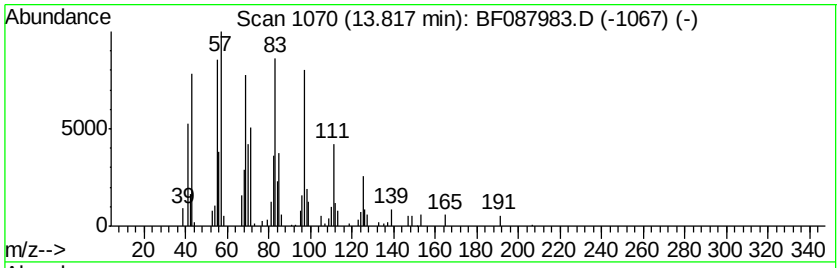
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

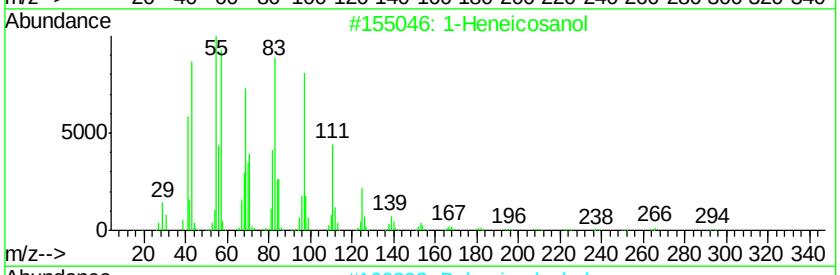
****

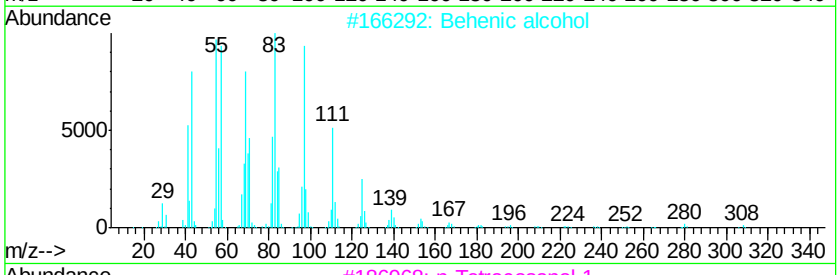
Peak Number 9 1-Heneicosanol Concentration Rank 8

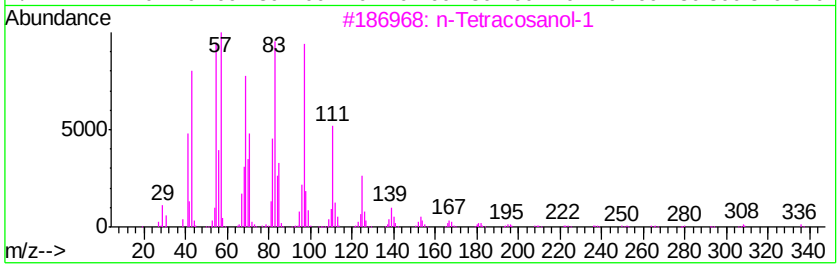
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.85 ng	152461	Chrysene-d12	13.94

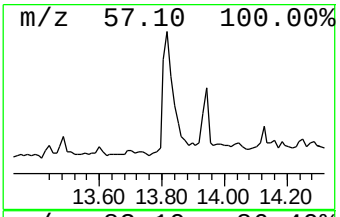
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93

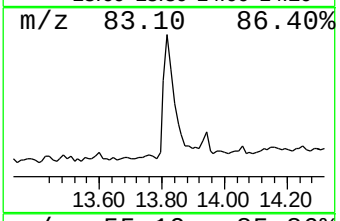


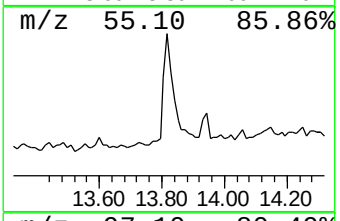


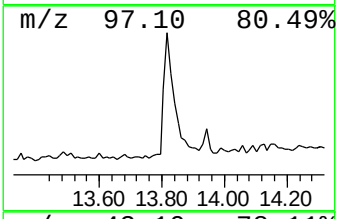


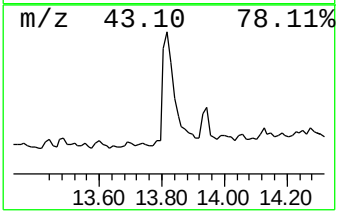












Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

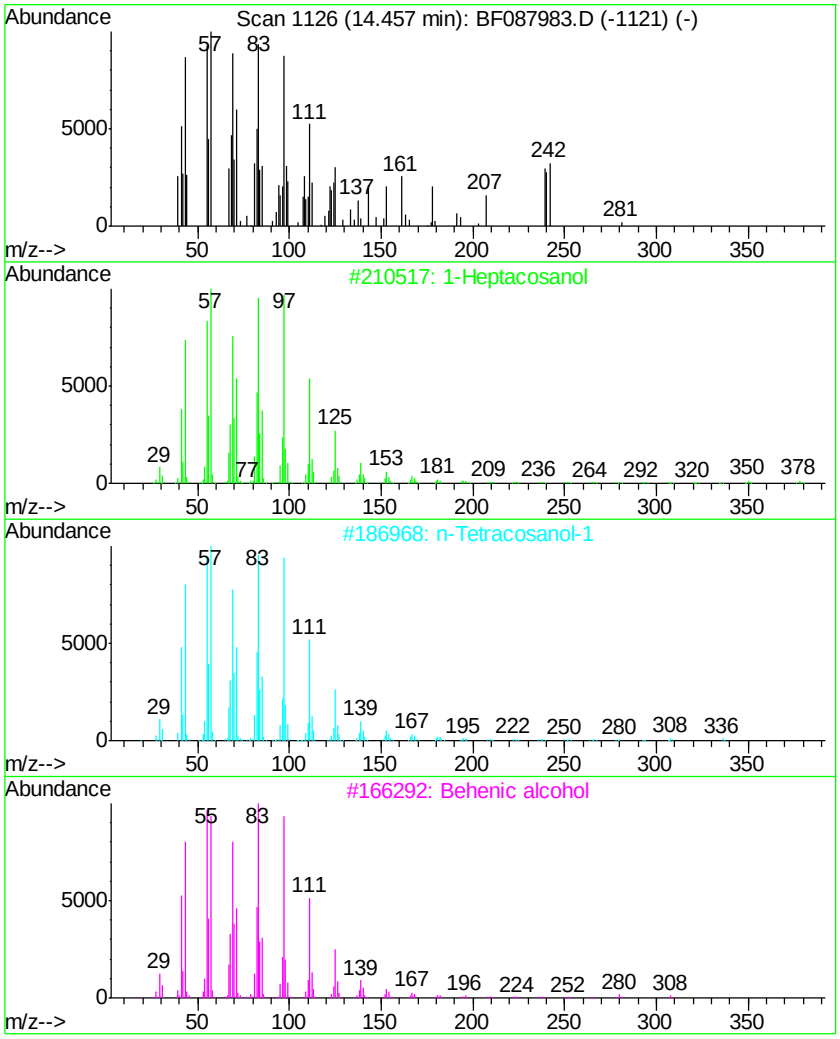
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

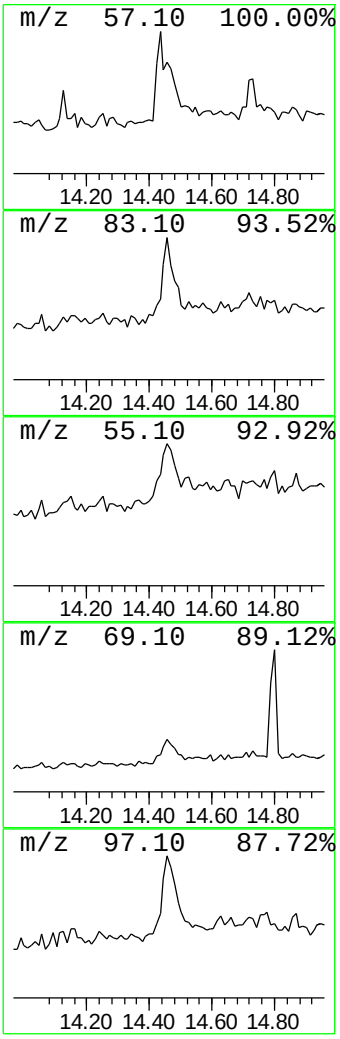
****

Peak Number 10 1-Heptacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.03 ng	80361	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	70
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
3	Behenic alcohol	326	C22H46O	000661-19-8	70
4	1-Nonadecene	266	C19H38	018435-45-5	70
5	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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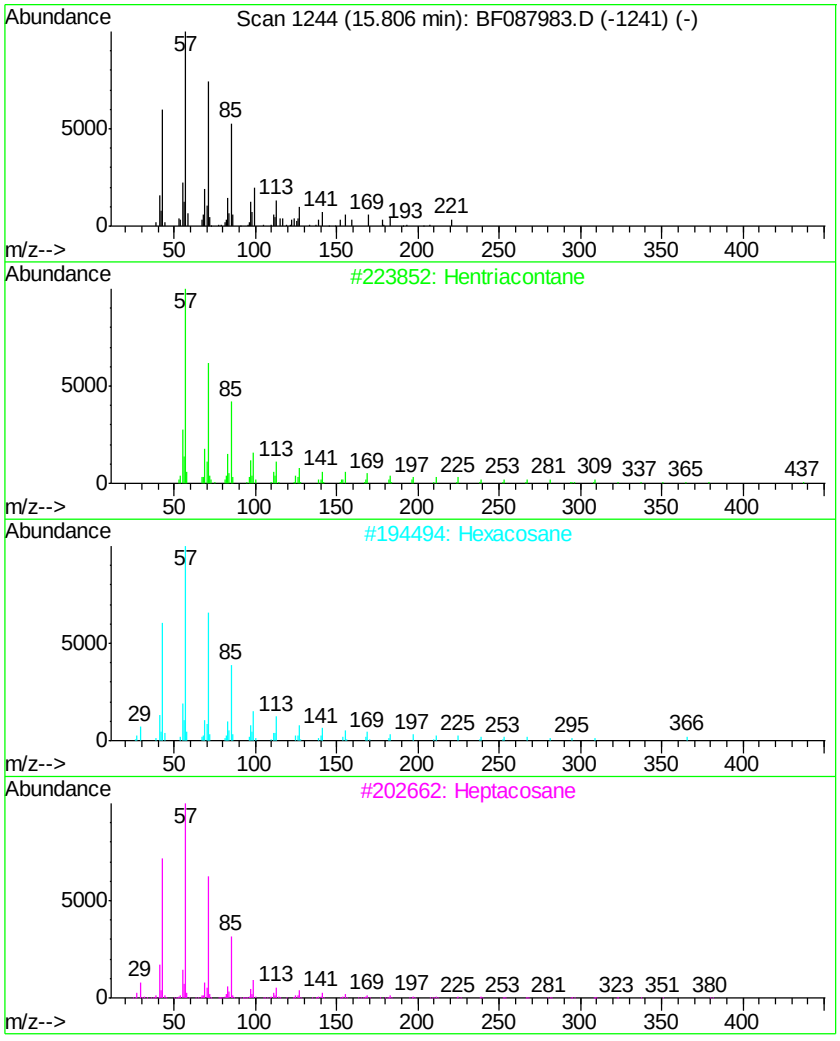
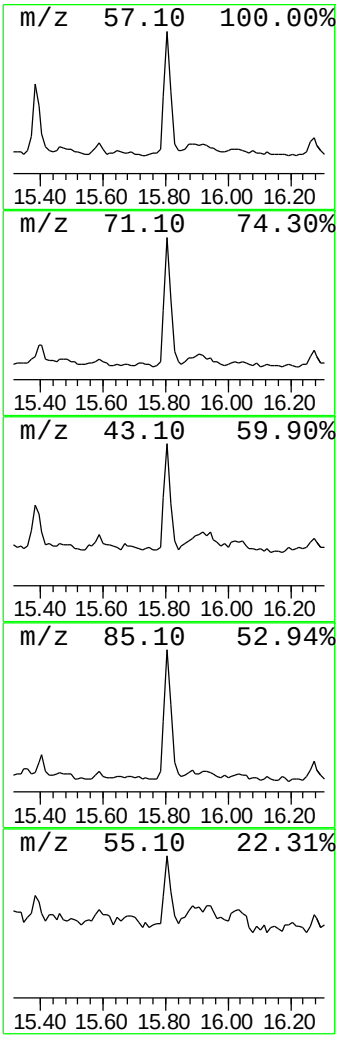
Peak Number 11 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.28 ng	79442	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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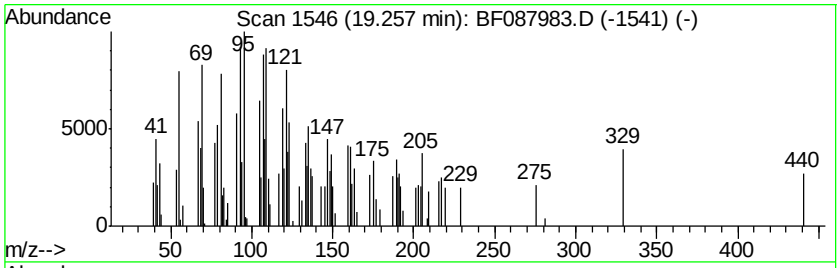
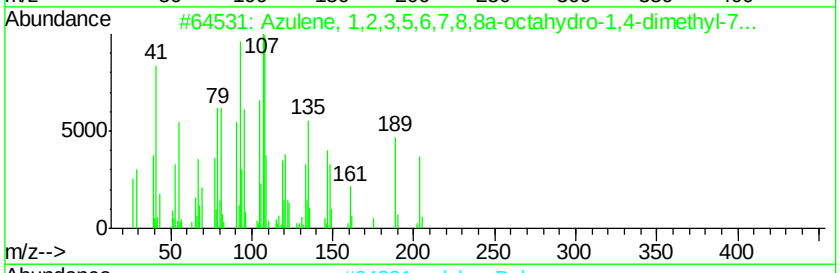
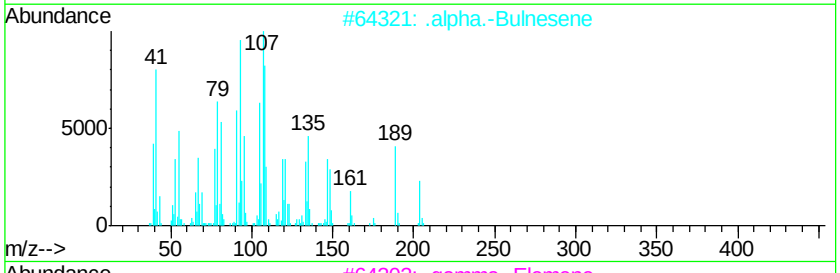
Peak Number 12 unknown19.26 Concentration Rank 4

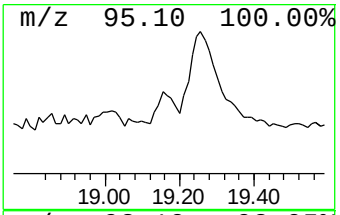
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	6.64 ng	231621	Perylene-d12	15.36

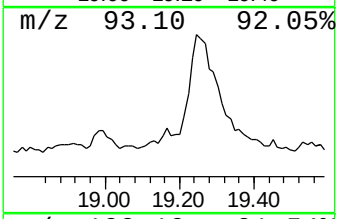
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	49
2	.alpha.-Bulnesene	204	C15H24	1000374-19-9	48
3	.gamma.-Elemene	204	C15H24	029873-99-2	41
4	Guaia-9,11-diene	204	C15H24	1000374-19-8	38
5	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	38

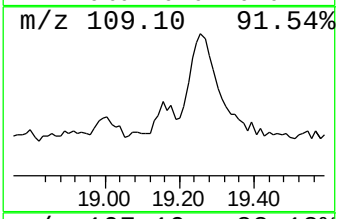


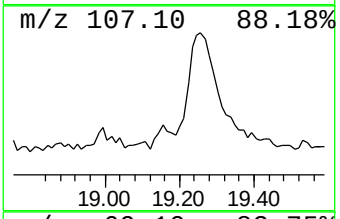


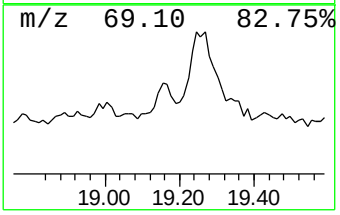












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087983.D
Acq On : 13 Jun 2016 15:06
Operator : UM/SJ
Sample : H3449-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Propane, 1,1-dime...	2.00	4.3	ng	154950	1	6.79	719200	20.0
2-Pentanone, 4-hy...	4.96	6.1	ng	219077	1	6.79	719200	20.0
unknown6.56	6.56	59.5	ng	2139670	1	6.79	719200	20.0
Tetradecane	10.74	2.5	ng	126693	4	11.31	992336	20.0
n-Hexadecanoic acid	11.85	3.3	ng	164032	4	11.31	992336	20.0
1-Heneicosanol	13.82	3.9	ng	152461	5	13.94	791501	20.0
1-Heptacosanol	14.46	2.0	ng	80361	5	13.94	791501	20.0
Hentriacontane	15.81	2.3	ng	79442	6	15.36	697676	20.0
unknown19.26	19.26	6.6	ng	231621	6	15.36	697676	20.0