LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

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-BF072016.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	1.713	9	11	53	rVB	481851	1023500	50.32%	6.260%
2	4.719	271	274	282	rBV	51644	99857	4.91%	0.611%
3	5.164	311	313	336	rBV	1328785	1700401	83.60%	10.401%
4	6.239	404	407	414	rBV	1264402	1688738	83.03%	10.330%
5	6.353	414	417	419	rBV	1450735	1770353	87.04%	10.829%
6	6.582	435	437	448	rBV	219280	280399	13.79%	1.715%
7	6.730	448	450	453	rBV	1146302	1226645	60.31%	7.503%
8	7.153	484	487	505	rBV	956267	1192601	58.64%	7.295%
9	7.862	547	549	560	rBV	430068	428008	21.04%	2.618%
10	8.948	641	644	646	rBV	1808627	2033878	100.00%	12.441%
11	9.336	676	678	681	rBV	201885	245687	12.08%	1.503%
12	9.611	699	702	704	rBV	434357	444258	21.84%	2.717%
13	10.399	768	771	773	rBV	859833	1014522	49.88%	6.206%
14	10.525	780	782	787	rVB	22187	35857	1.76%	0.219%
15	10.971	819	821	823	rBV	22265	22442	1.10%	0.137%
16	11.085	828	831	833	rBV	346013	392233	19.28%	2.399%
17	12.285	934	936	939	rVB	62216	54070	2.66%	0.331%
18	12.502	953	955	958	rBV	217728	251431	12.36%	1.538%
19	12.582	961	962	964	rVB	36382	27102	1.33%	0.166%
20	12.662	967	969	972	rBV	1005413	1184744	58.25%	7.247%
21	13.211	1015	1017	1019	rBV	122234	121306	5.96%	0.742%
22	13.257	1019	1021	1025	rVB3	20029	36984	1.82%	0.226%
23	13.577	1046	1049	1057	rBV	55202	88839	4.37%	0.543%
24	13.702	1057	1060	1067	rBV2	286740	355625	17.49%	2.175%
25	13.897	1075	1077	1079	rBV	25167	23815	1.17%	0.146%
26	14.194	1100	1103	1108	rVB3	17153	37290	1.83%	0.228%
27	14.491	1125	1129	1131	rBV2	29038	54872	2.70%	0.336%
28	14.685	1144	1146	1152	rBV	26087	58721	2.89%	0.359%
29	14.777	1152	1154	1156	rBV	33624	35439	1.74%	0.217%
30	14.937	1166	1168	1171	rBV	16431	22825	1.12%	0.140%
31	14.994	1171	1173	1175	rVV	30573	36390	1.79%	0.223%
32	15.051	1175	1178	1180	rVV	161301	246221	12.11%	1.506%
33	15.097	1180	1182	1185	rVB	23627	31613	1.55%	0.193%
34	15.451	1210	1213	1216	rBV	19732	28982	1.42%	0.177%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

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-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.508	1216	1218	1225	rVB4	7145	21488	1.06%	0.131%
36	15.863	1246	1249	1255	rVB2	14469	31505	1.55%	0.193%

Sum of corrected areas: 16348641

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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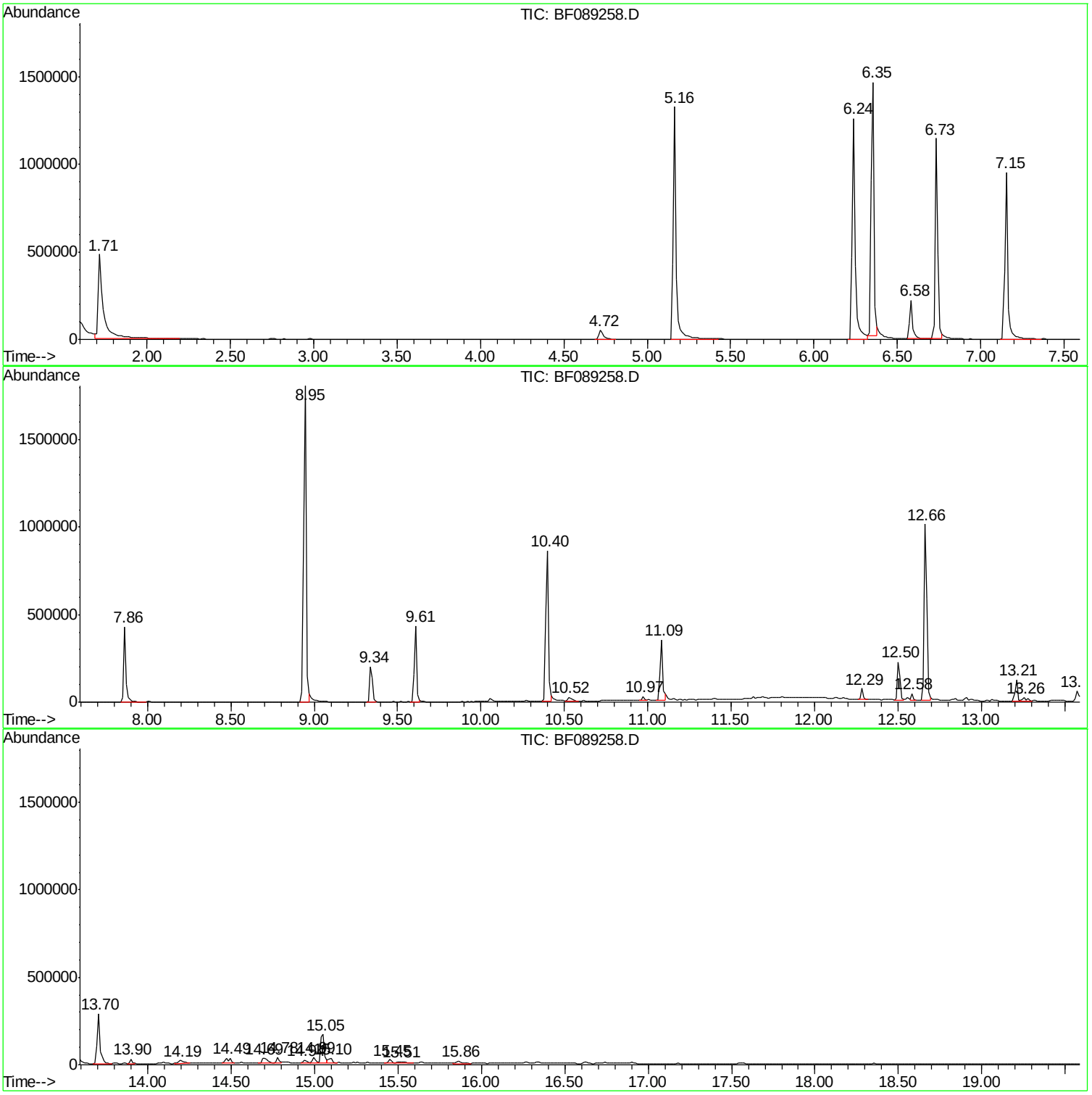
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

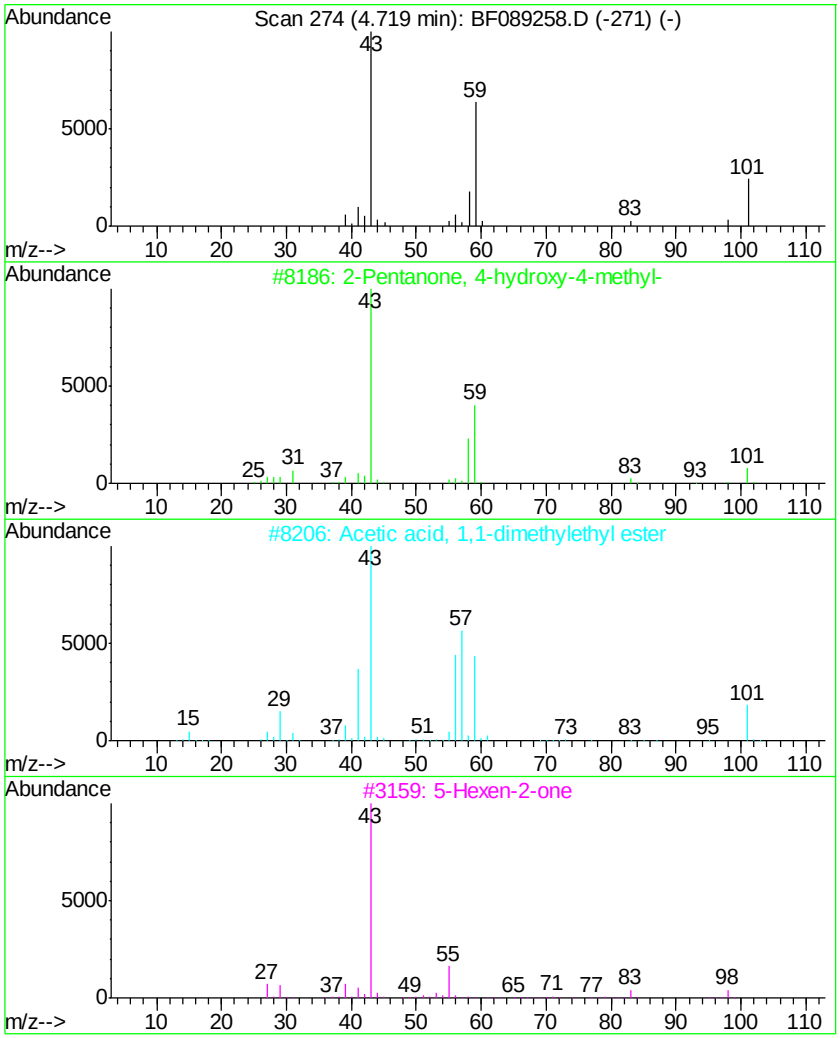
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

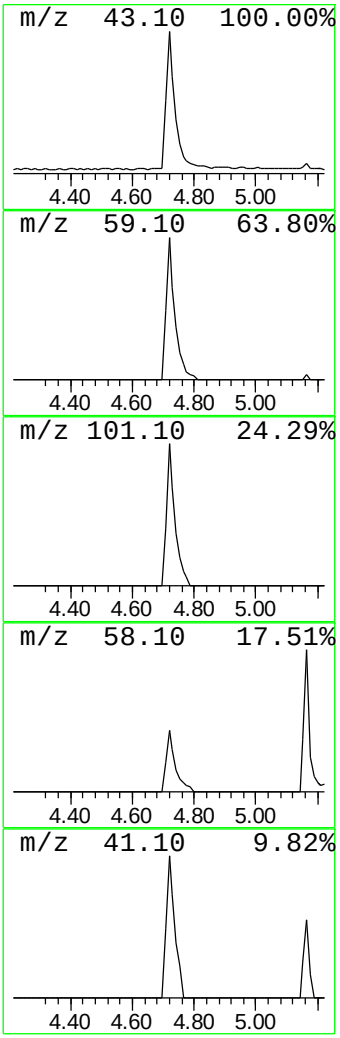
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	7.12 ng	99857	1,4-Dichlorobenzene-d4	6.58

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	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

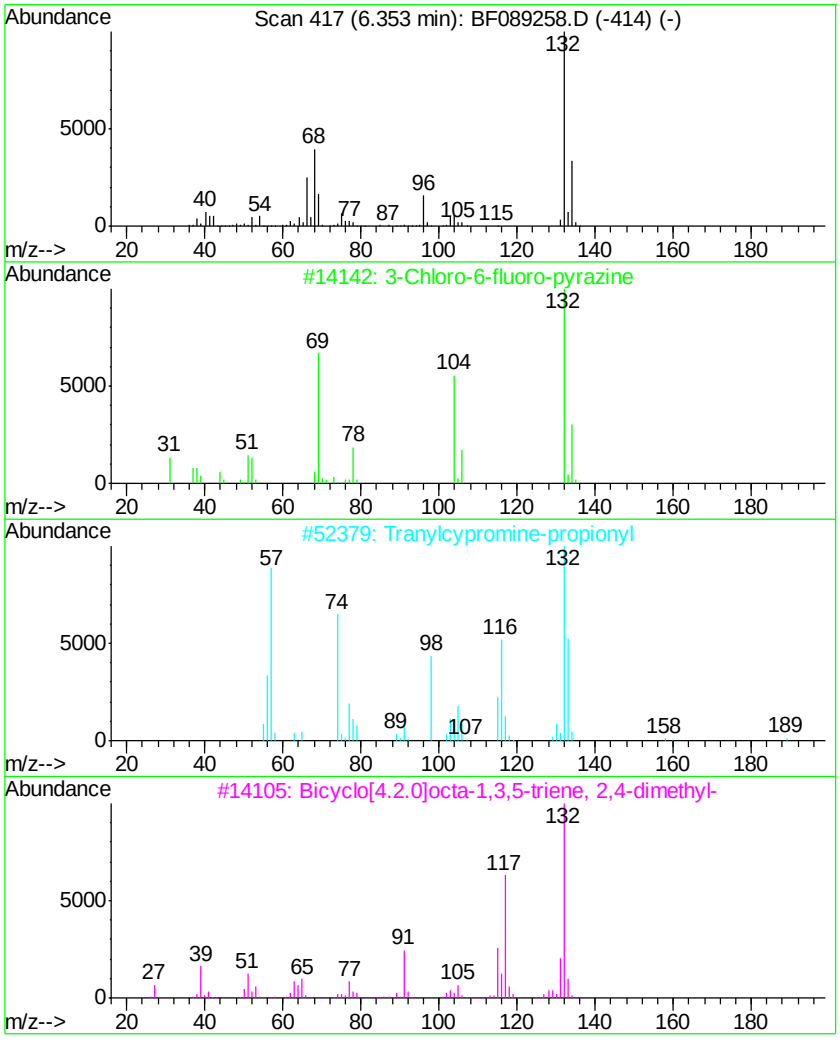
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

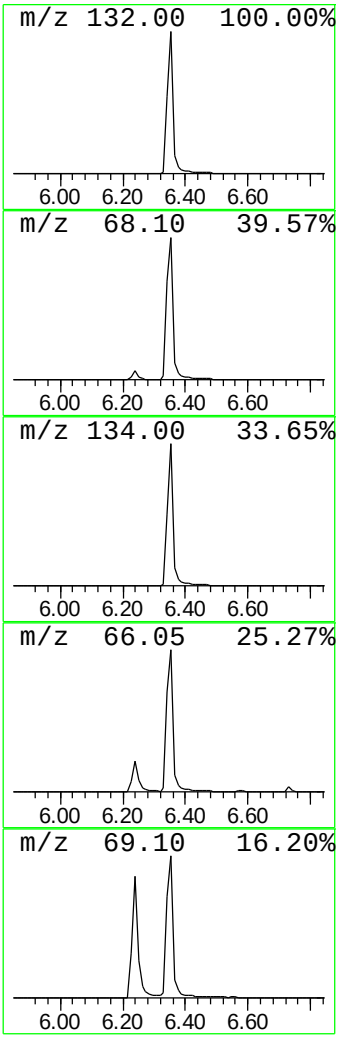
****

Peak Number 3 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	126.27 ng	1770350	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

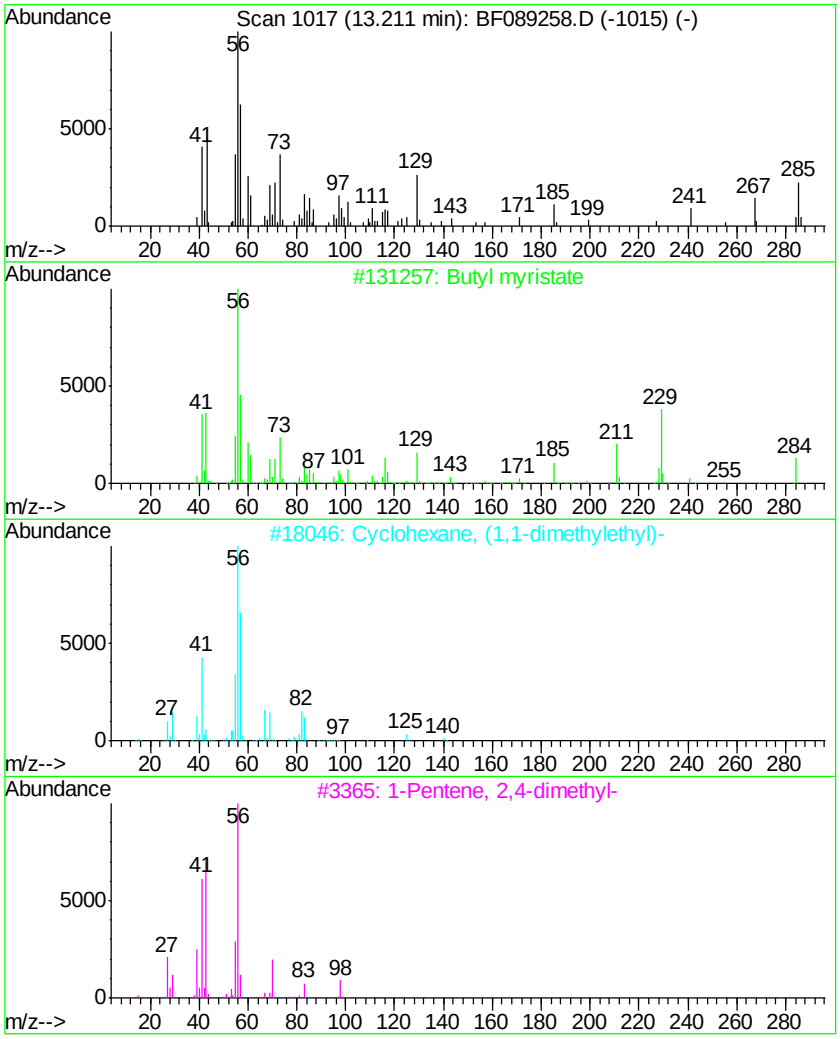
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

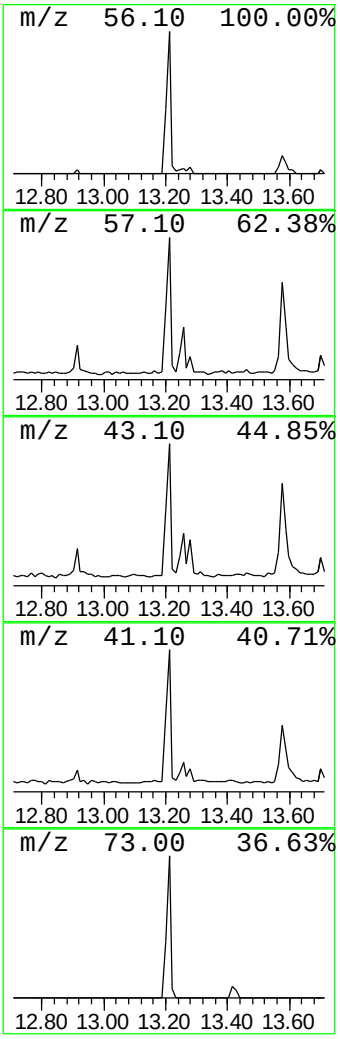
****

Peak Number 5 Butyl myristate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	6.82 ng	121306	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	53
2	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	27
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
4	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	27
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

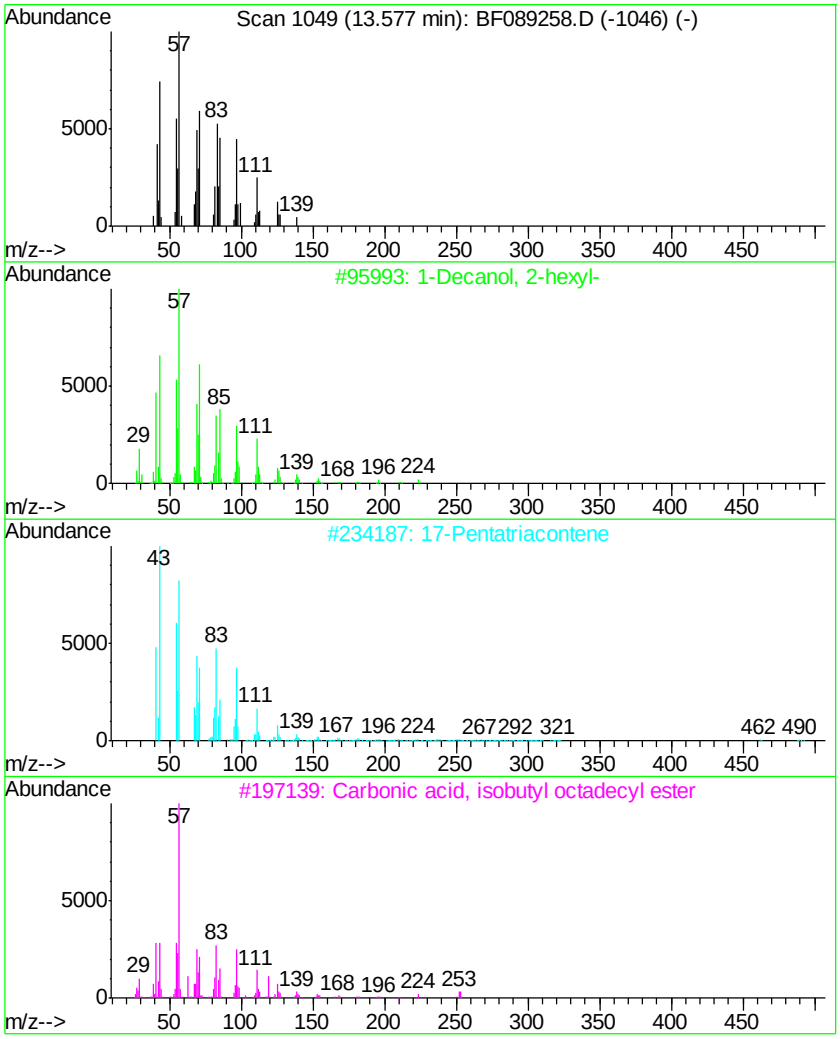
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

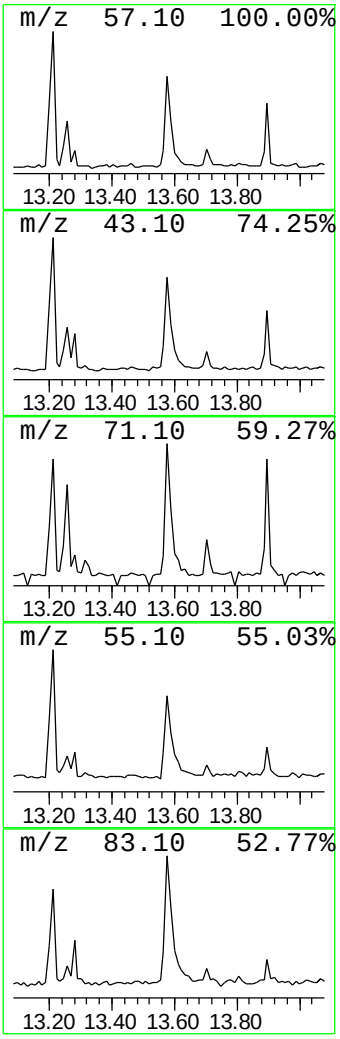
****

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	5.00 ng	88839	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
2	17-Pentatriacontene	491	C35H70	006971-40-0	74
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	72
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	62





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Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

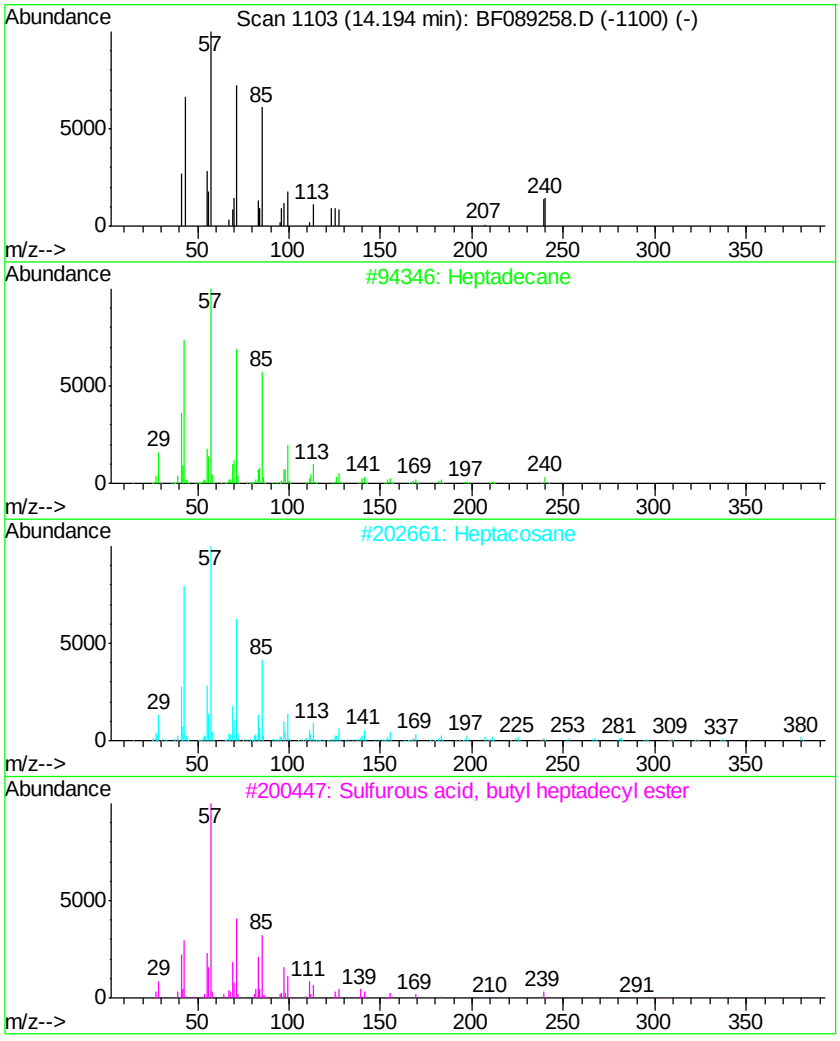
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

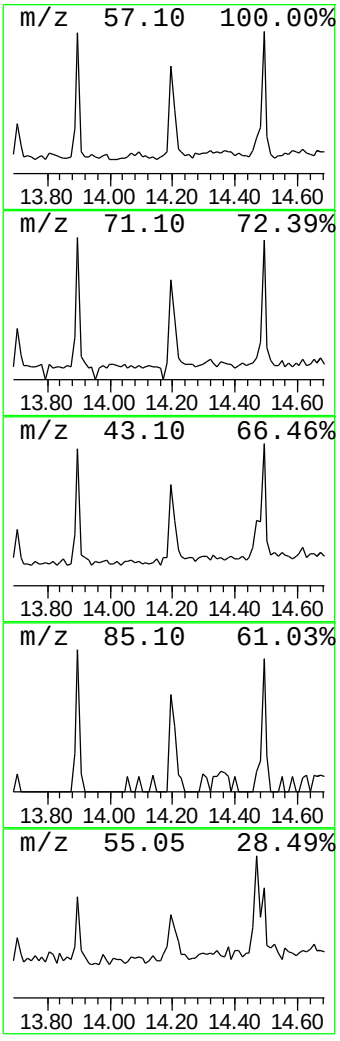
****

Peak Number 8 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.10 ng	37290	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heptacosane	380	C27H56	000593-49-7	72
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Hexacosane	366	C26H54	000630-01-3	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

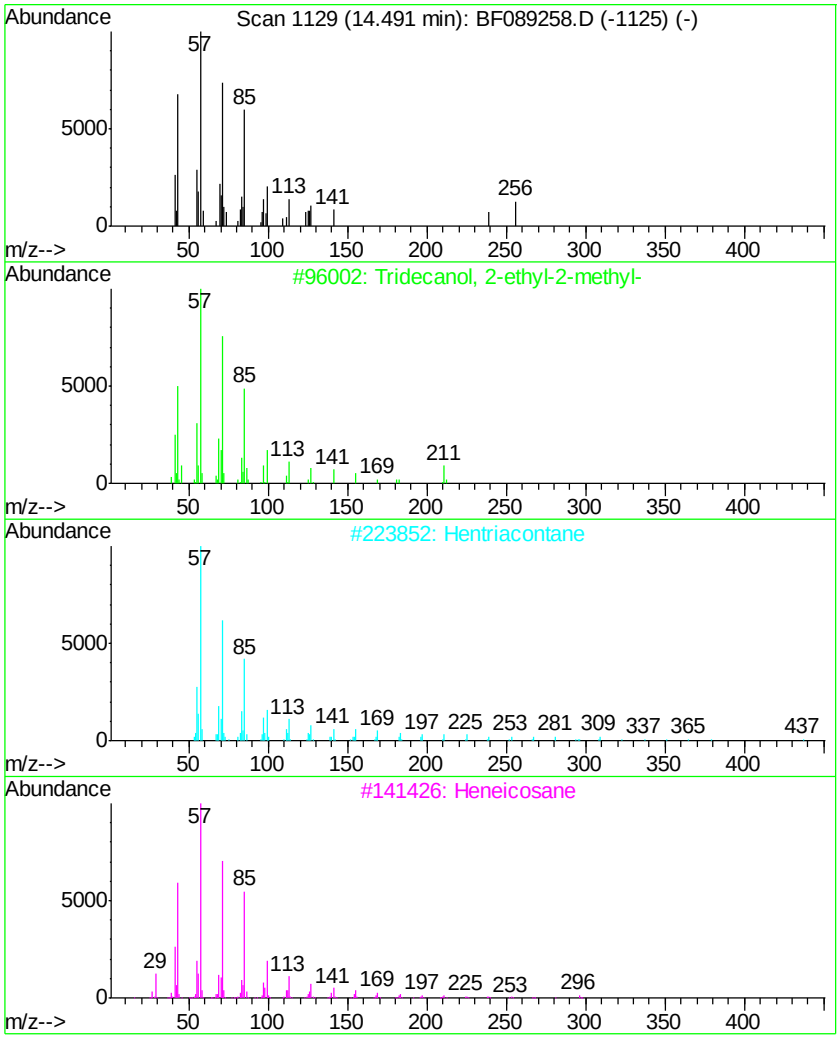
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

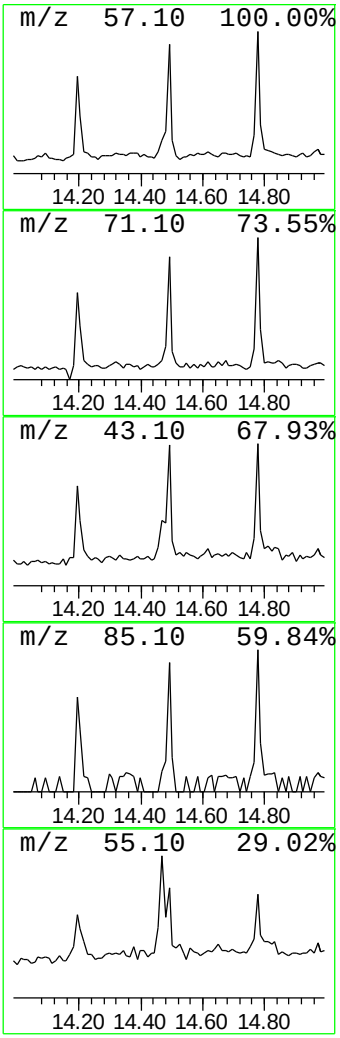
****

Peak Number 9 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.46 ng	54872	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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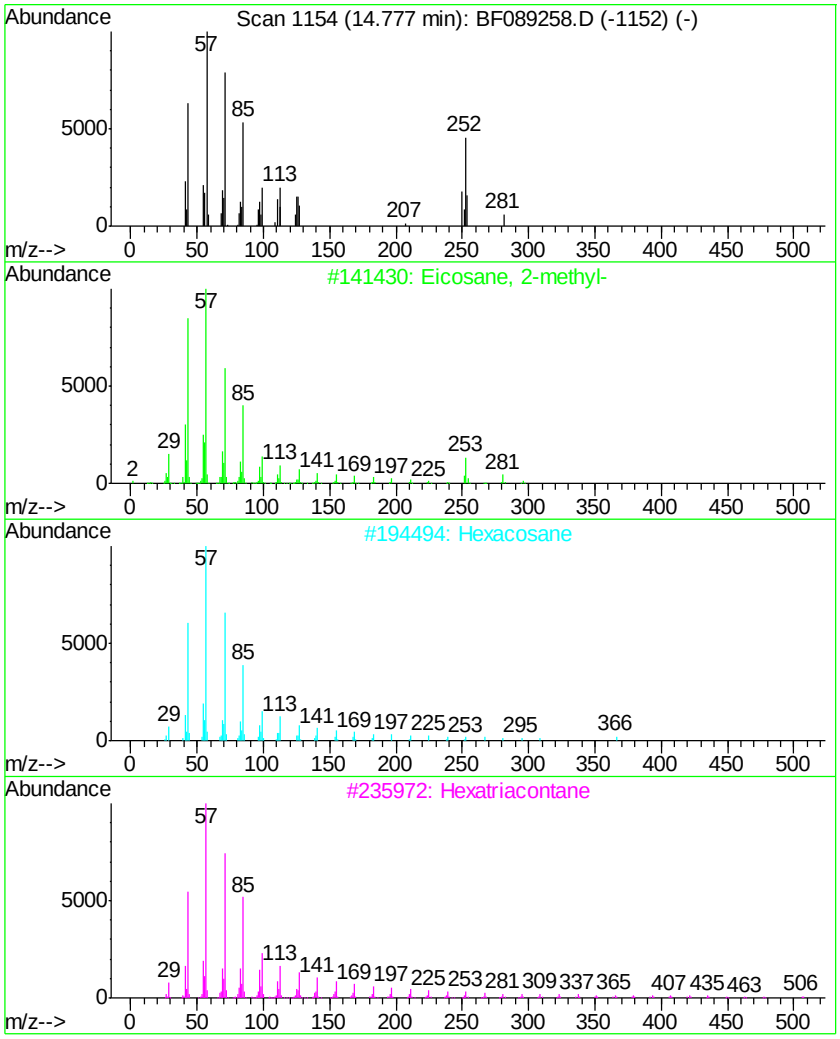
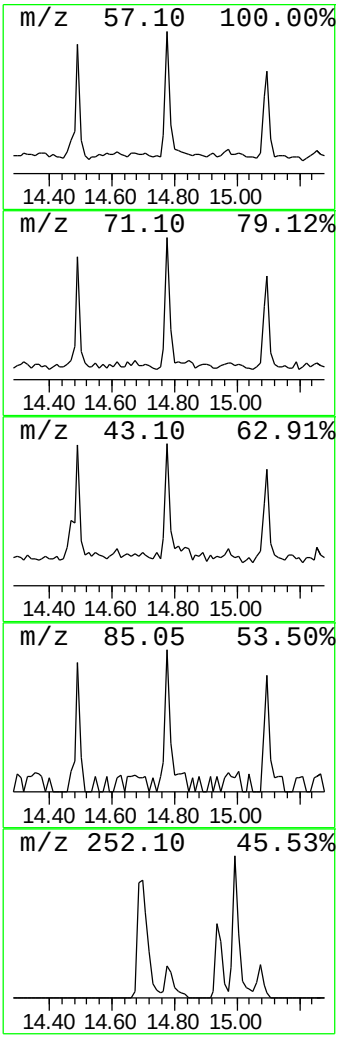
Peak Number 10 Eicosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.88 ng	35439	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
2	Hexacosane	366	C26H54	000630-01-3	58
3	Hexatriacontane	507	C36H74	000630-06-8	53
4	Tetracosane	338	C24H50	000646-31-1	53
5	Heneicosane	296	C21H44	000629-94-7	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Acq On : 24 Jul 2016 4:04
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Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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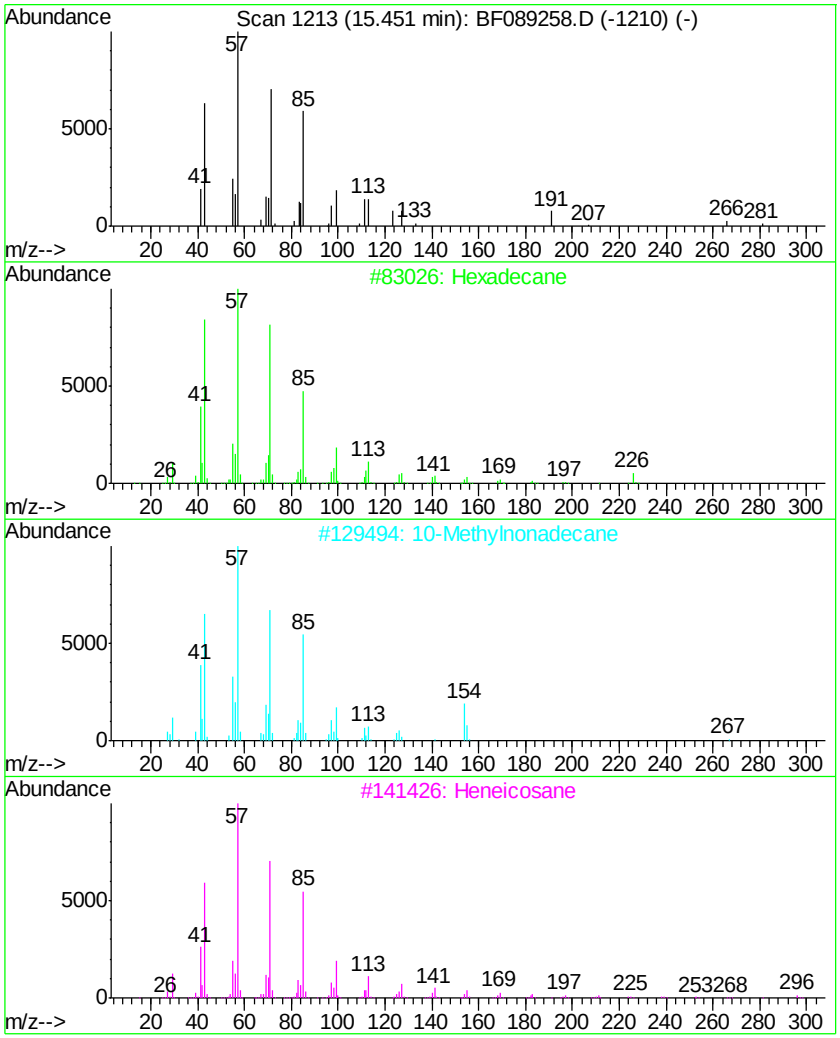
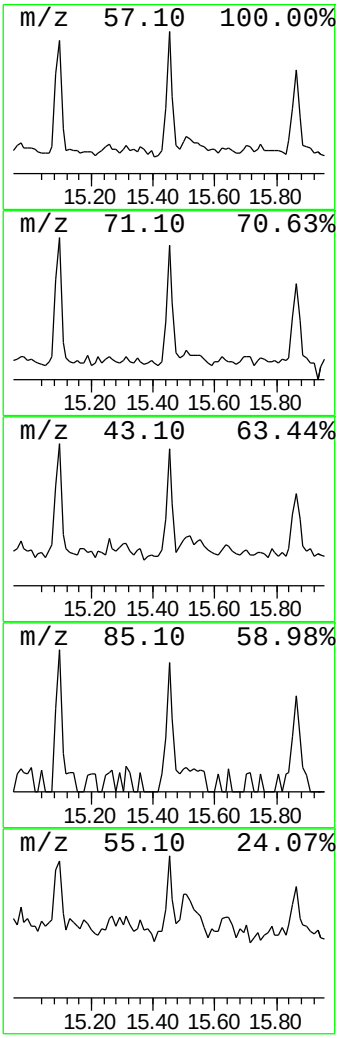
Peak Number 11 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	2.35 ng	28982	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	10-Methylnonadecane	282	C20H42	056862-62-5	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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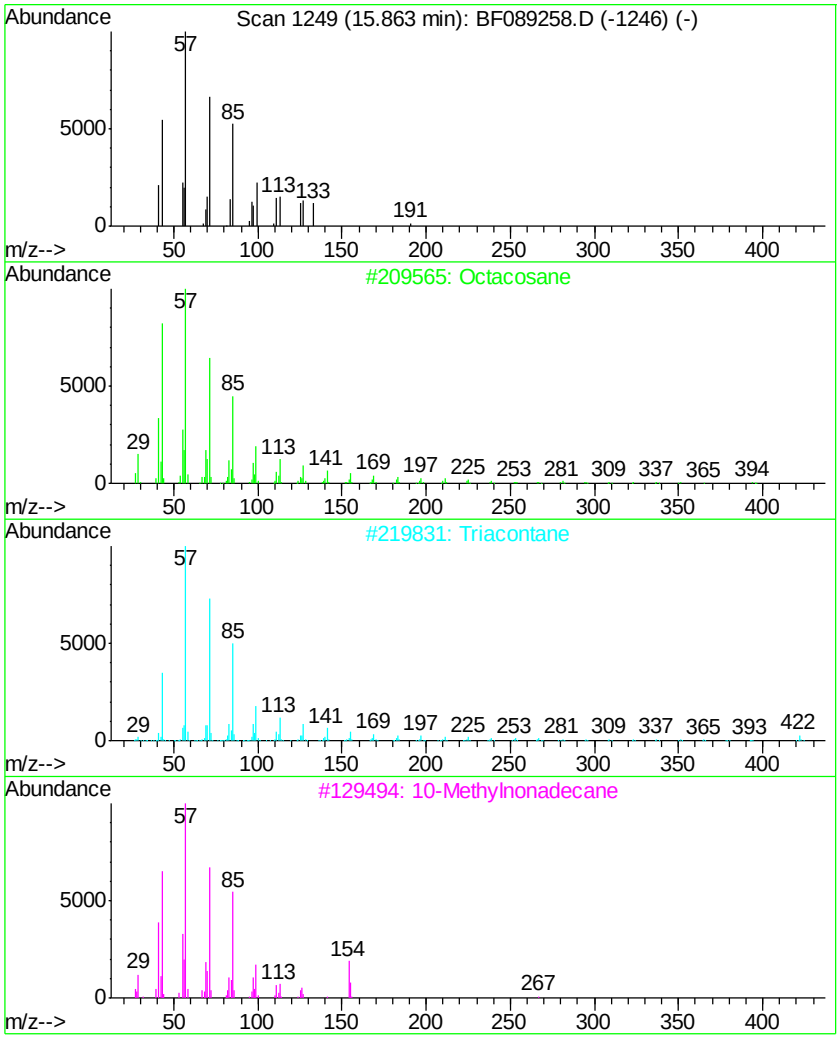
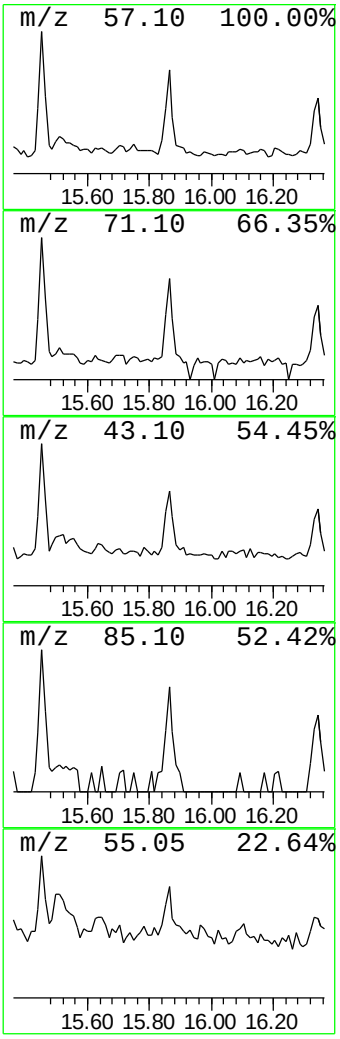
Peak Number 12 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.56 ng	31505	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	64
2	Triacontane	422	C30H62	000638-68-6	64
3	10-Methylnonadecane	282	C20H42	056862-62-5	59
4	Heptadecane	240	C17H36	000629-78-7	59
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089258.D
Acq On : 24 Jul 2016 4:04
Operator : UM/SJ
Sample : H4151-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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...	4.72	7.1	ng	99857	1	6.58	280399	20.0
unknown6.35	6.35	126.3	ng	1770350	1	6.58	280399	20.0
Butyl myristate	13.21	6.8	ng	121306	5	13.70	355625	20.0
1-Decanol, 2-hexyl-	13.58	5.0	ng	88839	5	13.70	355625	20.0
Heptadecane	14.19	2.1	ng	37290	5	13.70	355625	20.0
Tridecanol, 2-eth...	14.49	4.5	ng	54872	6	15.05	246221	20.0
Eicosane, 2-methyl-	14.78	2.9	ng	35439	6	15.05	246221	20.0
Hexadecane	15.45	2.4	ng	28982	6	15.05	246221	20.0
Octacosane	15.86	2.6	ng	31505	6	15.05	246221	20.0