LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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	1.724	10	12	45	rVB	952064	1759390	100.00%	11.230%
2	4.730	273	275	285	rBV	40652	72580	4.13%	0.463%
3	5.187	313	315	345	rBV	892490	1193597	67.84%	7.618%
4	6.262	407	409	416	rBV	989817	1316094	74.80%	8.400%
5	6.376	416	419	437	rVB	861510	1356887	77.12%	8.661%
6	6.604	437	439	445	rBV	202717	299742	17.04%	1.913%
7	6.719	448	449	450	rBV	30626	24306	1.38%	0.155%
8	6.753	450	452	461	rVB	983265	983767	55.92%	6.279%
9	7.176	486	489	491	rBV	540457	774549	44.02%	4.944%
10	7.885	549	551	562	rBV	433692	421092	23.93%	2.688%
11	8.959	643	645	648	rBV	1072518	1393630	79.21%	8.895%
12	9.302	673	675	676	rBB	18752	21693	1.23%	0.138%
13	9.359	678	680	687	rVV	229089	204843	11.64%	1.307%
14	9.633	701	704	706	rBV	329681	419824	23.86%	2.680%
15	10.353	765	767	770	rBV	18918	28984	1.65%	0.185%
16	10.411	770	772	775	rBV2	548046	715353	40.66%	4.566%
17	10.548	782	784	789	rVB	26441	28306	1.61%	0.181%
18	10.993	821	823	824	rBV	22858	19527	1.11%	0.125%
19	11.108	830	833	835	rBV	234991	332376	18.89%	2.121%
20	11.622	873	878	879	rBV	14622	19255	1.09%	0.123%
21	11.656	879	881	887	rVV	48934	65213	3.71%	0.416%
22	12.205	928	929	932	rVB	23959	26994	1.53%	0.172%
23	12.685	968	971	974	rBV	1065415	992721	56.42%	6.336%
24	12.937	990	993	995	rBV	60744	80916	4.60%	0.516%
25	13.268	1020	1022	1025	rBV	13192	17845	1.01%	0.114%
26	13.599	1049	1051	1057	rVB	153902	195843	11.13%	1.250%
27	13.725	1059	1062	1064	rBV	262245	313655	17.83%	2.002%
28	13.919	1076	1079	1082	rVV2	14949	36062	2.05%	0.230%
29	14.034	1085	1089	1091	rBV	30343	33305	1.89%	0.213%
30	14.240	1102	1107	1112	rBV2	96840	287536	16.34%	1.835%
31	14.491	1126	1129	1132	rBV	360062	449363	25.54%	2.868%
32	14.628	1140	1141	1144	rVV	84770	113613	6.46%	0.725%
33	14.720	1144	1149	1153	rVV8	6943	33866	1.92%	0.216%
34	14.800	1153	1156	1157	rVV	127705	139804	7.95%	0.892%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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	14.834	1157	1159	1166	rVV2	114209	275777	15.67%	1.760%
36	14.937	1166	1168	1172	rVB	14508	21749	1.24%	0.139%
37	15.074	1177	1180	1182	rVV	171382	242891	13.81%	1.550%
38	15.120	1182	1184	1186	rVV	18172	26961	1.53%	0.172%
39	15.188	1186	1190	1196	rVB4	16961	41345	2.35%	0.264%
40	15.280	1196	1198	1201	rBV	80902	106612	6.06%	0.680%
41	15.474	1213	1215	1218	rBV	72596	115924	6.59%	0.740%
42	15.543	1218	1221	1223	rBV	56779	129303	7.35%	0.825%
43	15.680	1230	1233	1237	rVB3	19682	46567	2.65%	0.297%
44	16.125	1269	1272	1276	rBV	37821	68349	3.88%	0.436%
45	16.377	1292	1294	1298	rVB	19827	33601	1.91%	0.214%
46	16.480	1298	1303	1304	rVV4	11511	37101	2.11%	0.237%
47	16.525	1305	1307	1317	rVB	23908	59810	3.40%	0.382%
48	16.788	1327	1330	1334	rBV4	24278	62270	3.54%	0.397%
49	16.857	1334	1336	1341	rVB4	22498	54166	3.08%	0.346%
50	17.600	1398	1401	1406	rVB3	22065	55895	3.18%	0.357%
51	17.840	1418	1422	1426	rBV6	8626	26019	1.48%	0.166%
52	17.966	1429	1433	1438	rBV6	10540	32638	1.86%	0.208%
53	18.446	1472	1475	1481	rVB4	21718	57946	3.29%	0.370%

Sum of corrected areas: 15667455

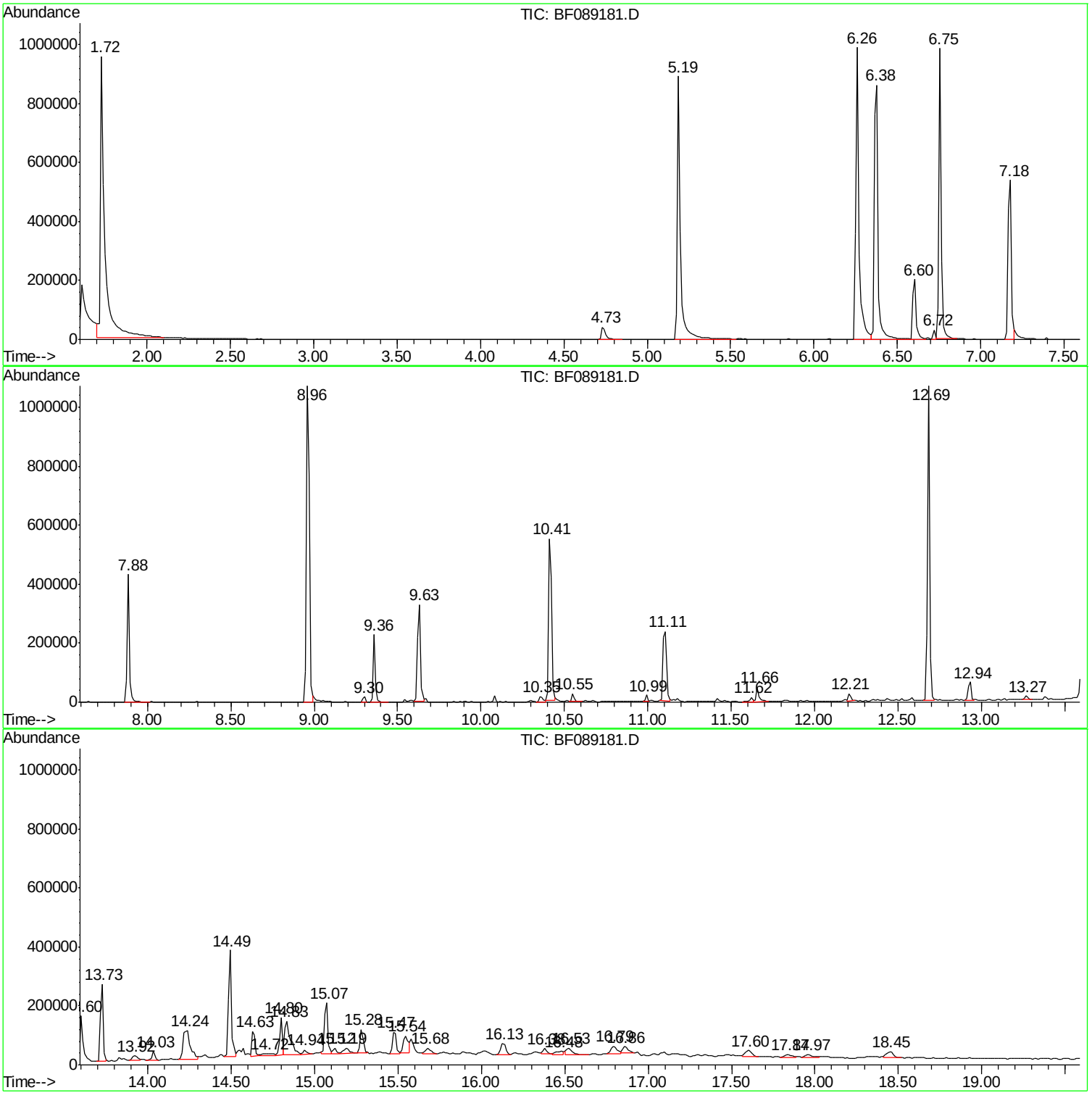
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-DRUMS-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\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-COMP

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

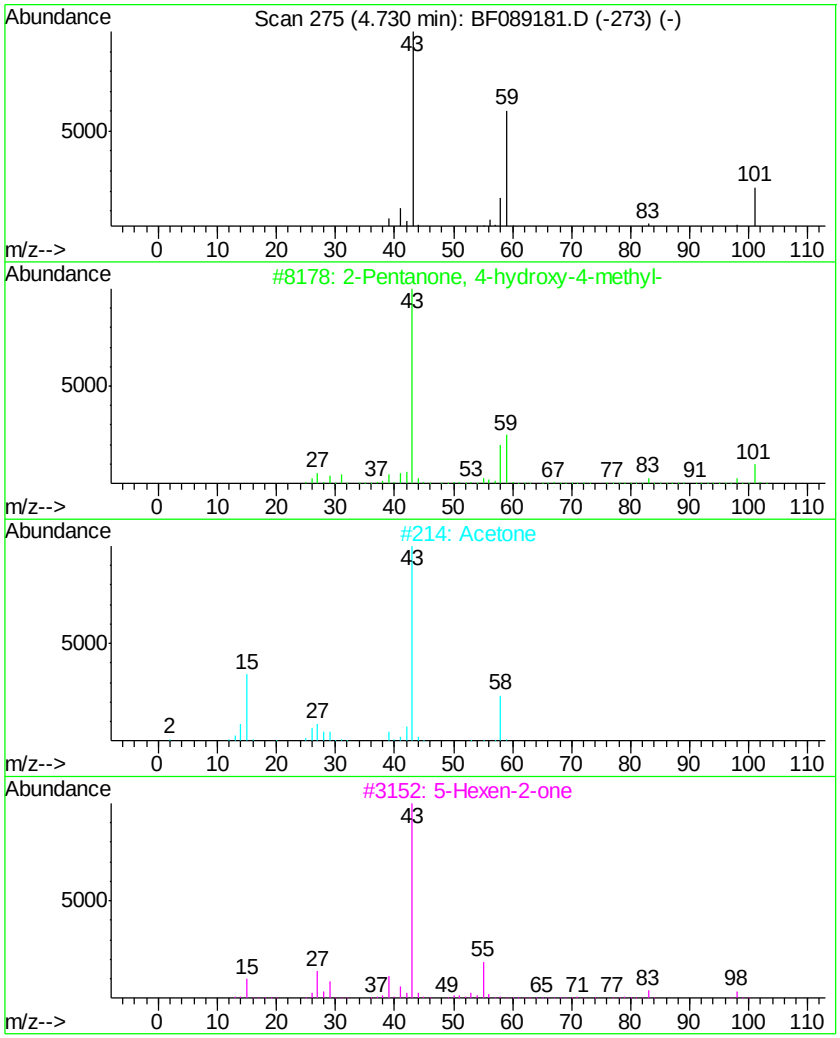
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

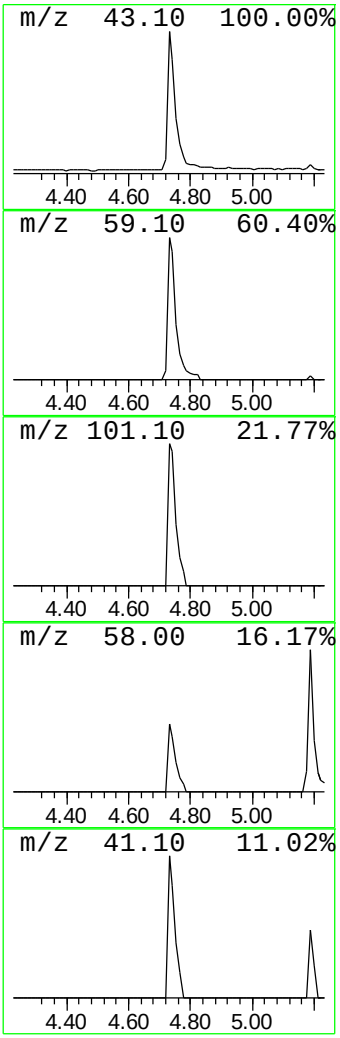
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	4.84 ng	72580	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9
5	3-Octanol	130	C8H18O	000589-98-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-COMP

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

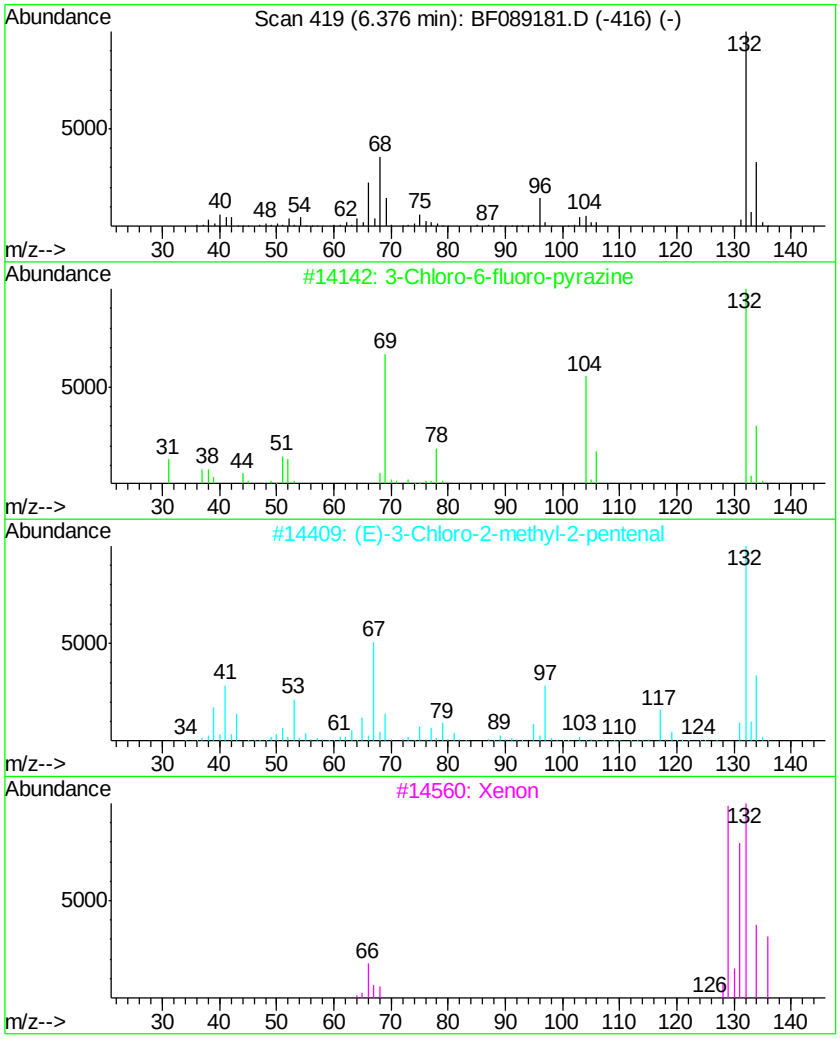
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

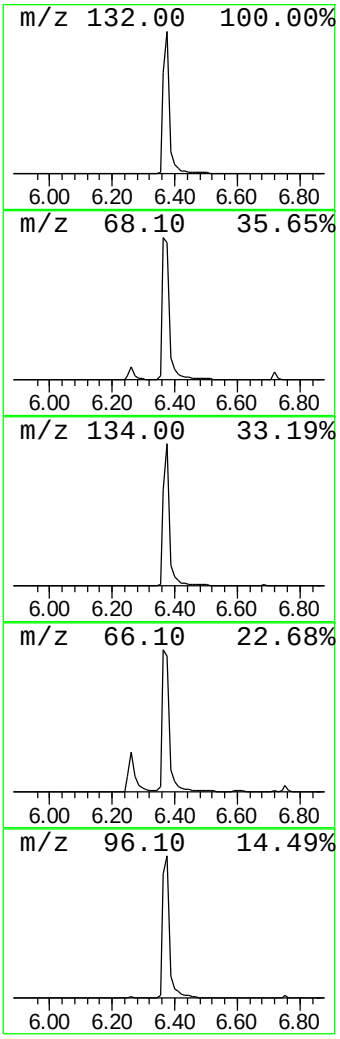
****

Peak Number 3 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	90.54 ng	1356890	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Xenon	132	Xe	007440-63-3	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\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-COMP

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

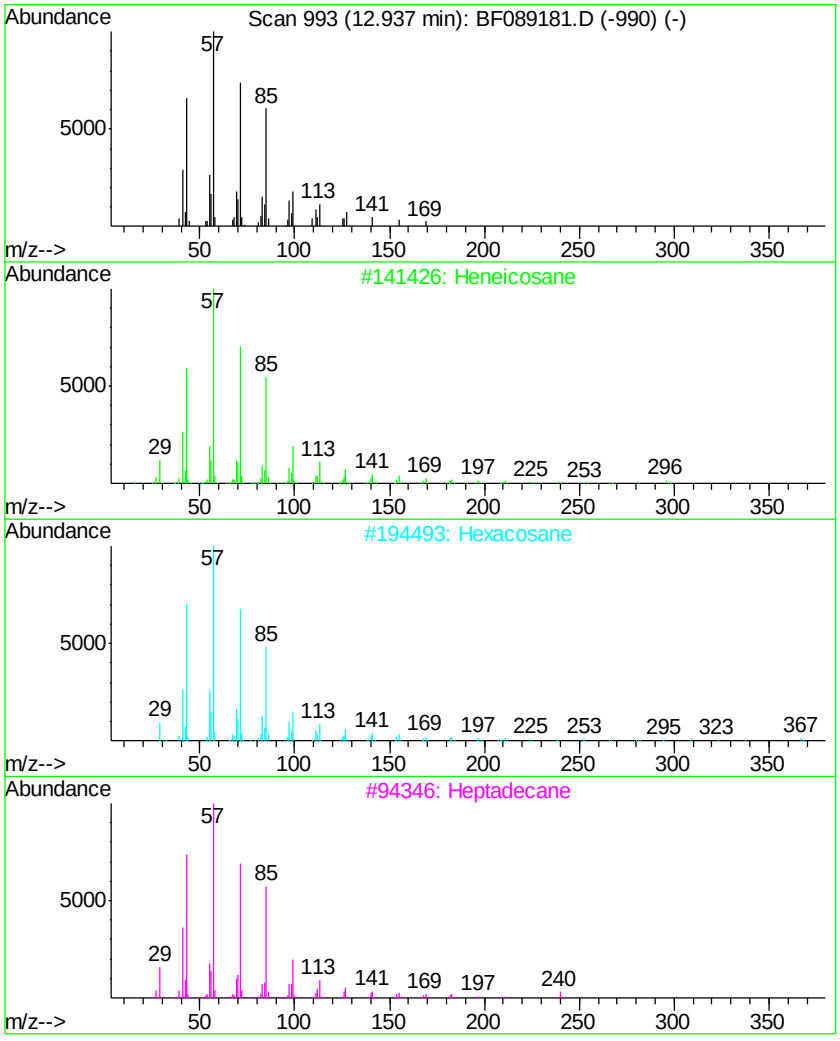
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

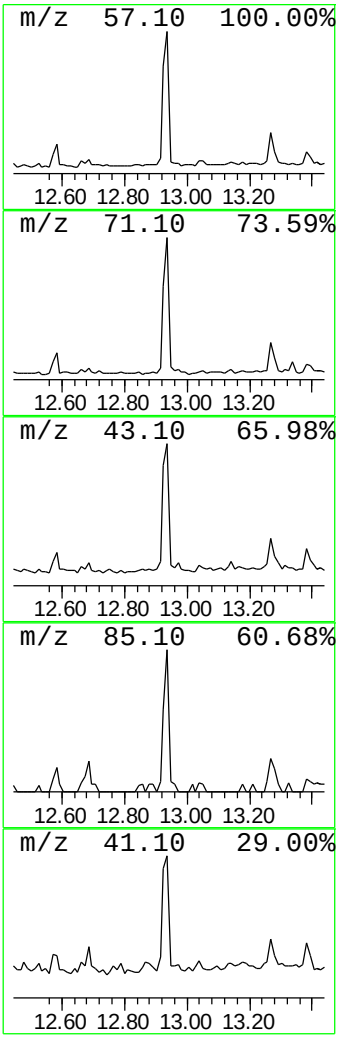
****

Peak Number 5 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	5.16 ng	80916	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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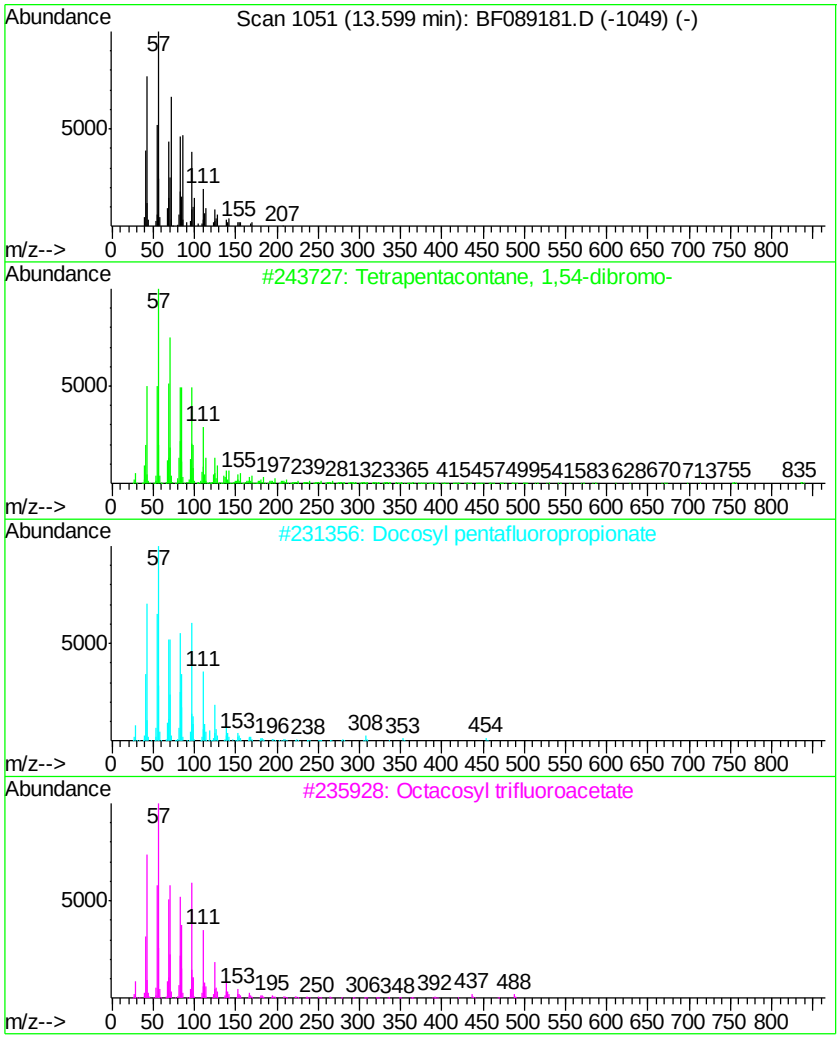
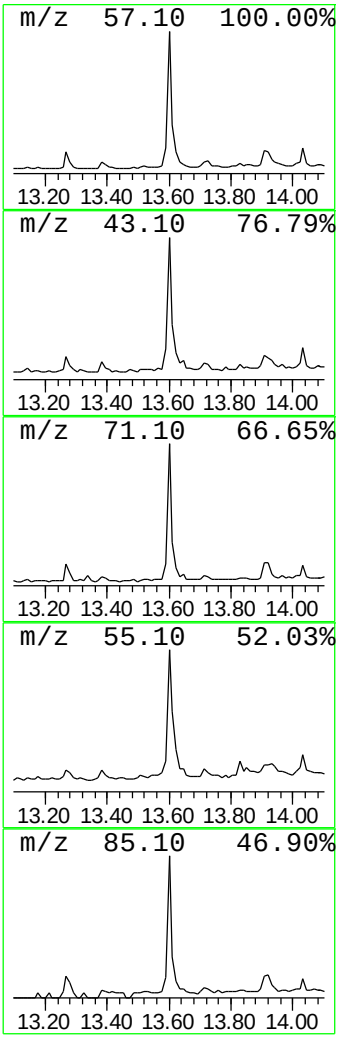
Peak Number 6 Tetrapentacontane, 1,54-dib... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	12.49 ng	195843	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	80
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	80
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	72
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
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Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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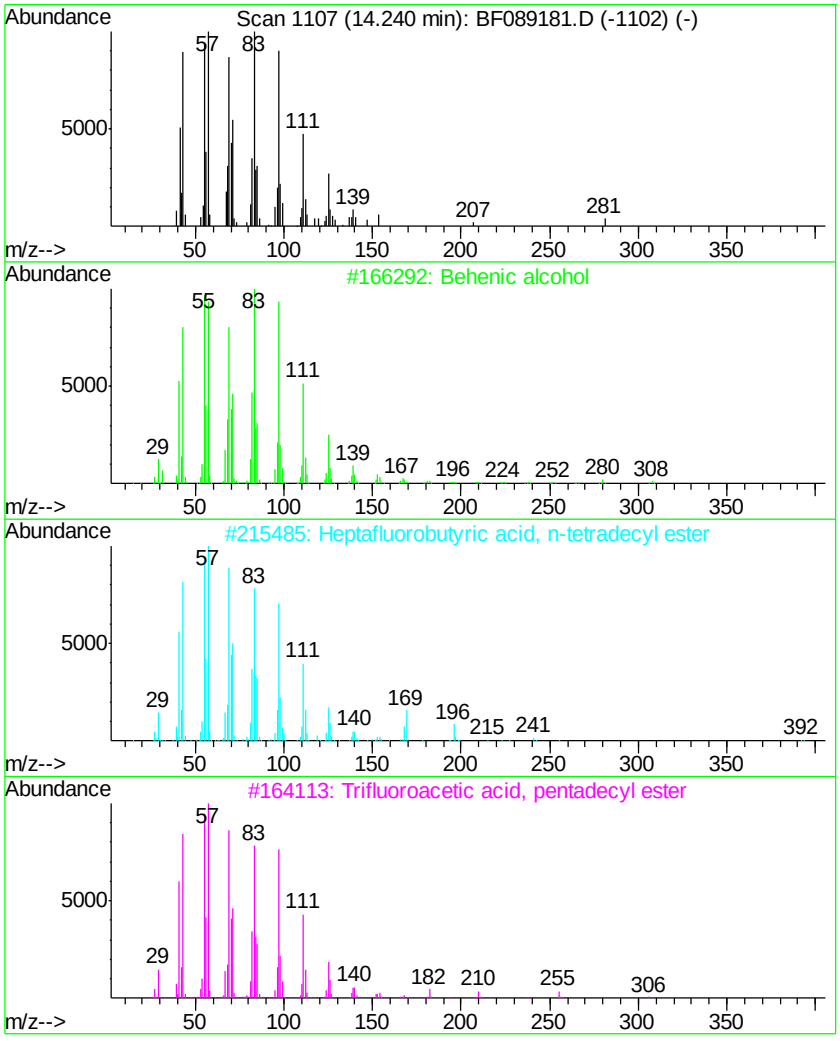
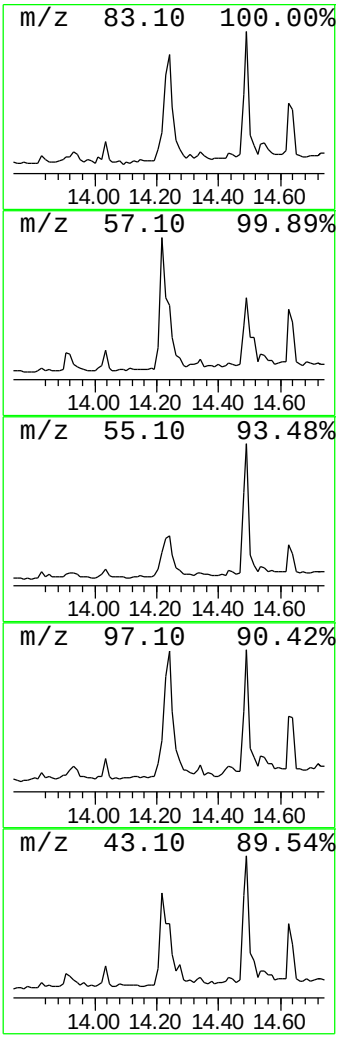
Peak Number 7 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	18.33 ng	287536	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95





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Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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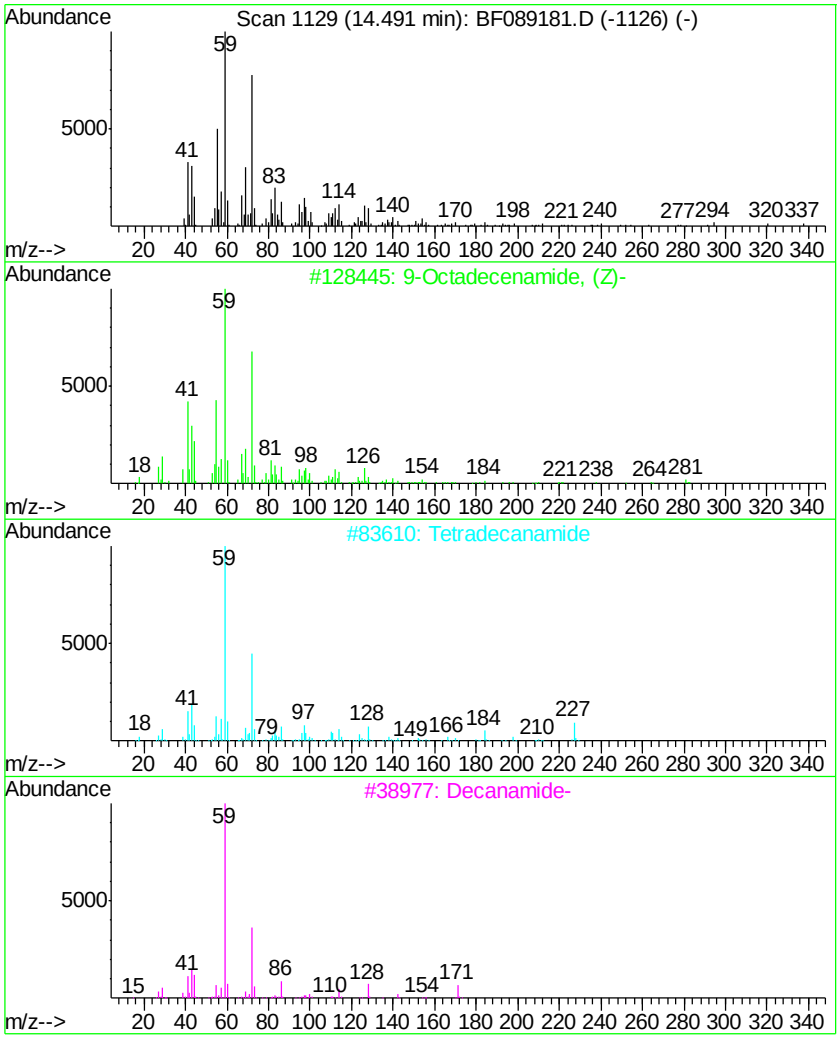
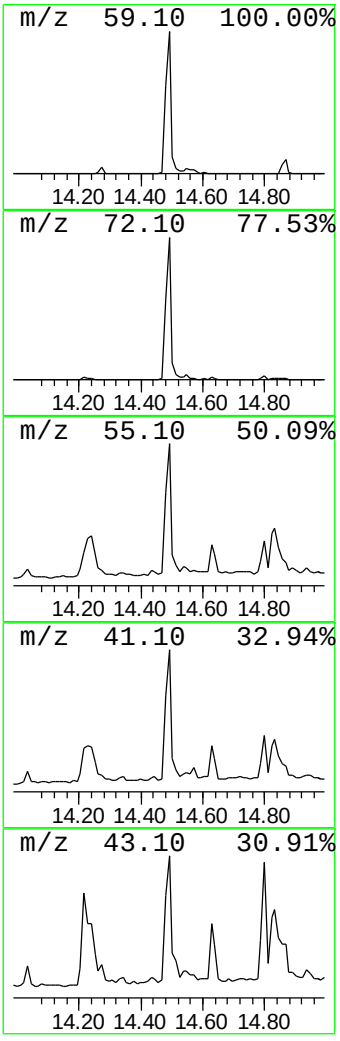
Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	37.00 ng	449363	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Tetradecanamide	227	C14H29NO	000638-58-4	50
3	Decanamide-	171	C10H21NO	002319-29-1	43
4	Octadecanamide	283	C18H37NO	000124-26-5	38
5	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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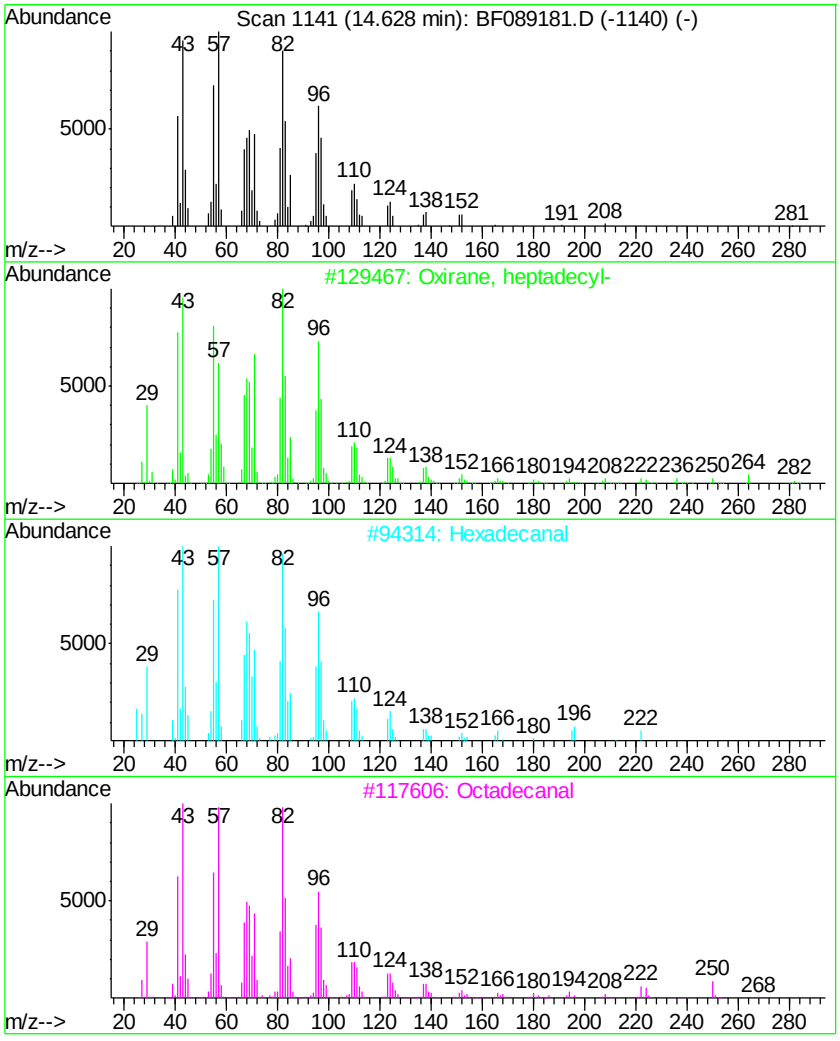
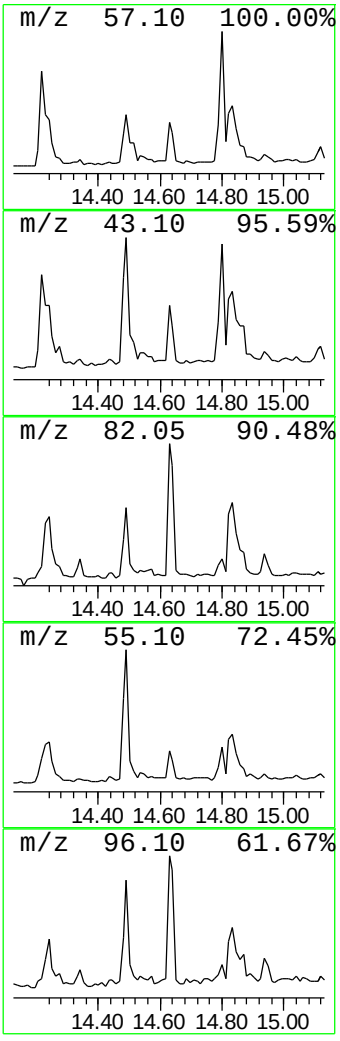
Peak Number 9 Oxirane, heptadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	9.36 ng	113613	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Hexadecanal	240	C16H32O	000629-80-1	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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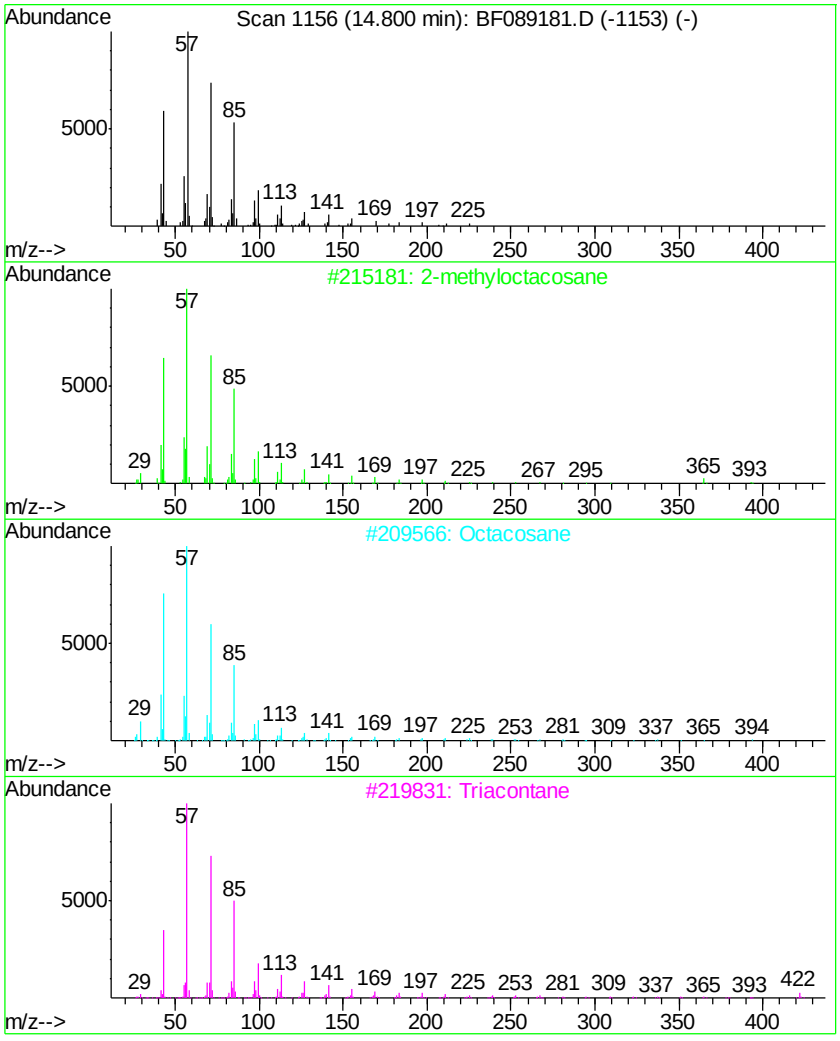
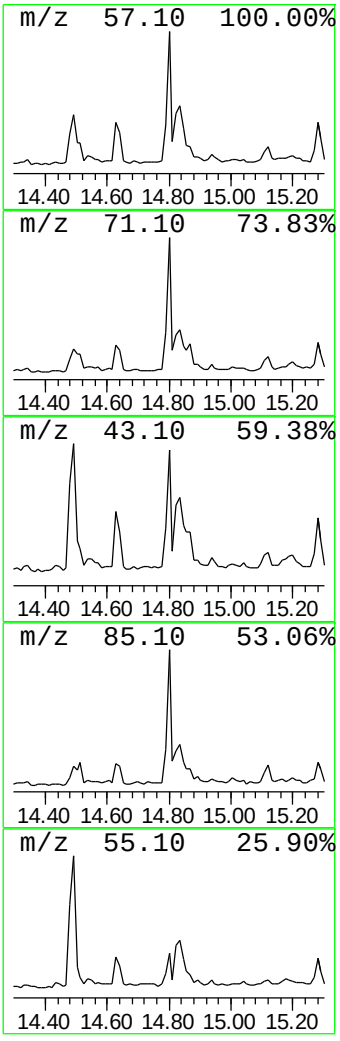
Peak Number 10 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	11.51 ng	139804	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-COMP

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

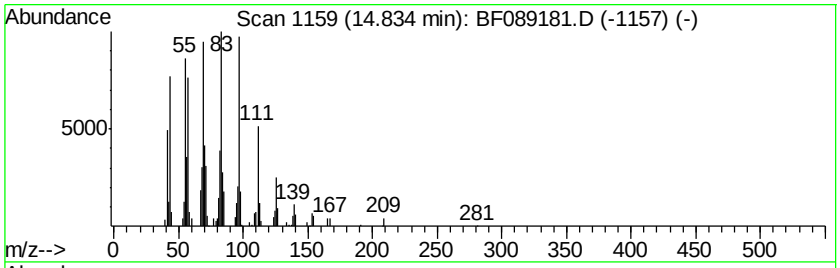
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

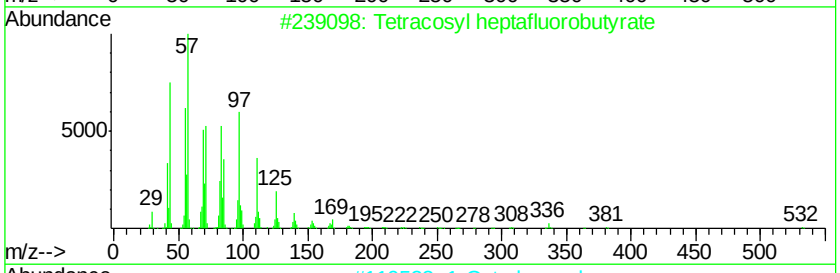
****

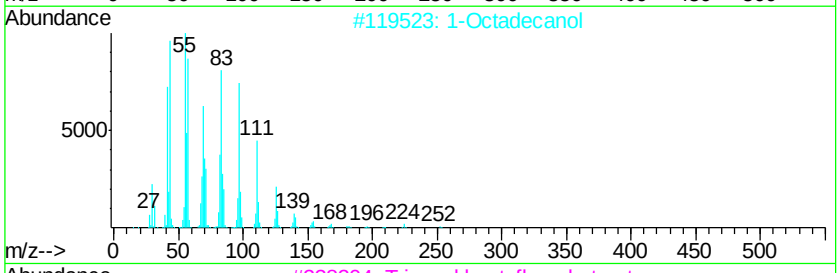
Peak Number 11 Tetracosyl heptafluorobutyrate Concentration Rank 5

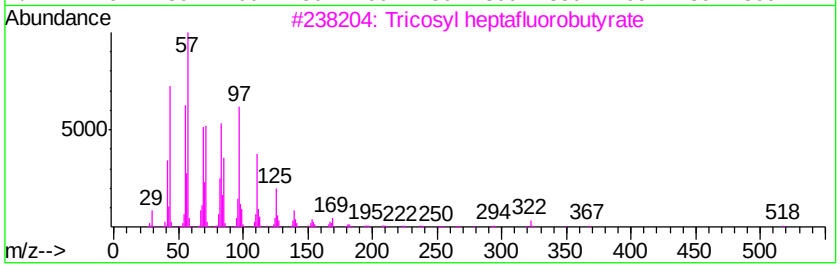
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	22.71 ng	275777	Perylene-d12	15.07

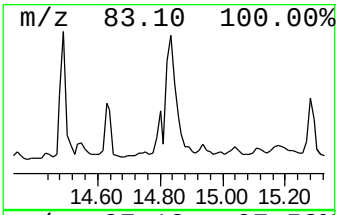
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	81
2	1-Octadecanol	270	C18H38O	000112-92-5	81
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	81
4	1-Heptacosanol	396	C27H56O	002004-39-9	74
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74

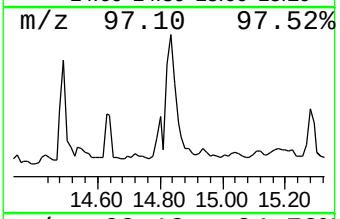


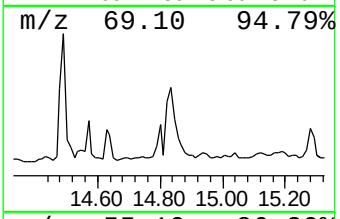


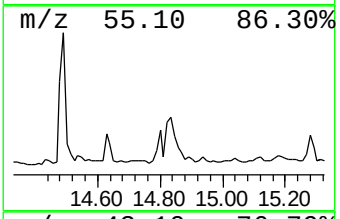


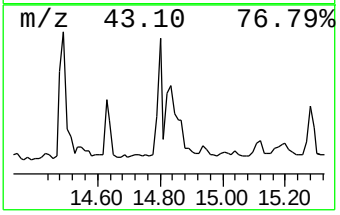












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Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-COMP

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

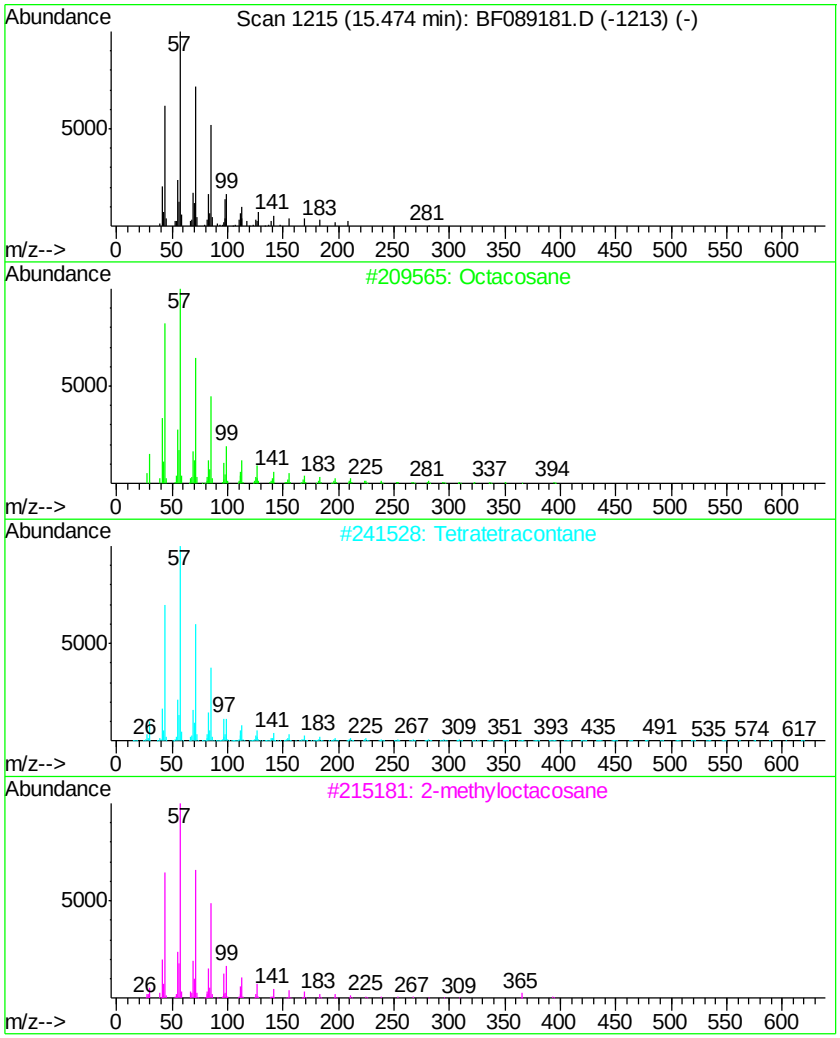
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

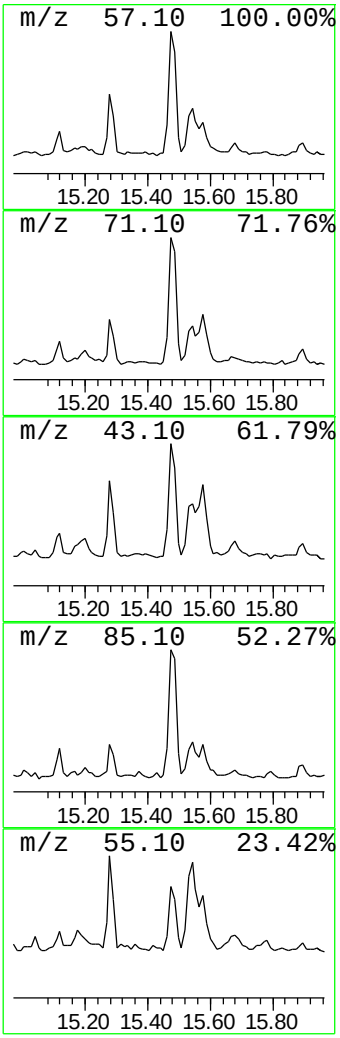
****

Peak Number 13 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	9.55 ng	115924	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Acq On : 21 Jul 2016 15:42
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-COMP

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

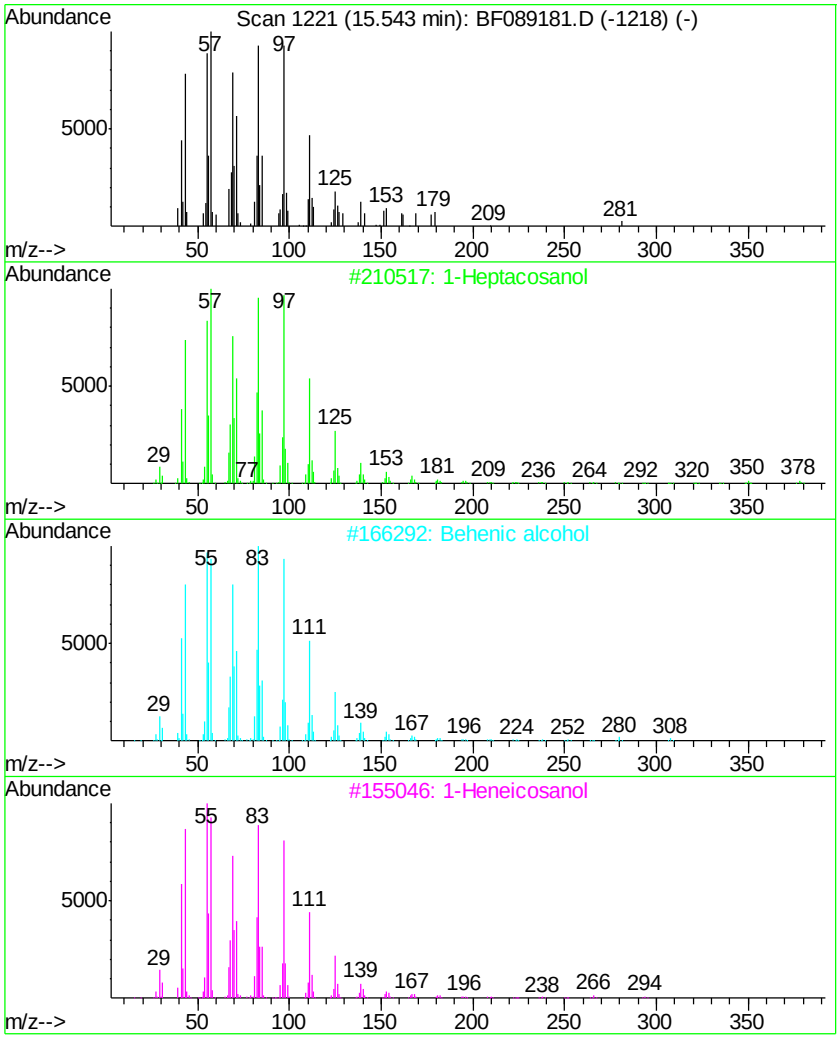
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

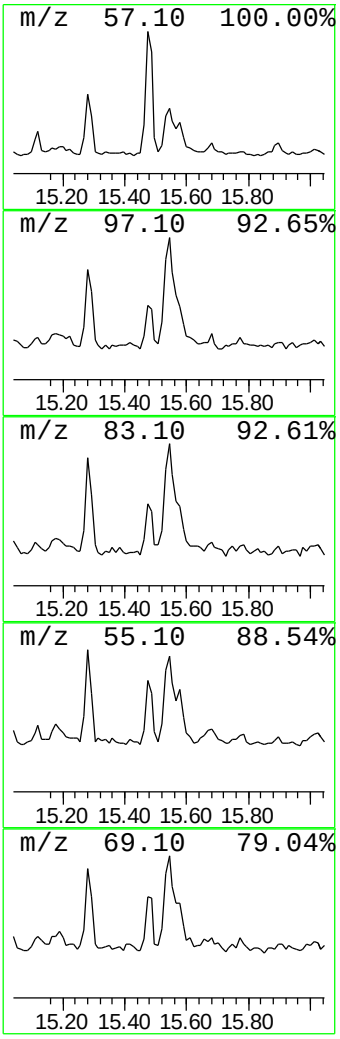
****

Peak Number 14 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	10.65 ng	129303	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Octacosanol	410	C28H58O	000557-61-9	70





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Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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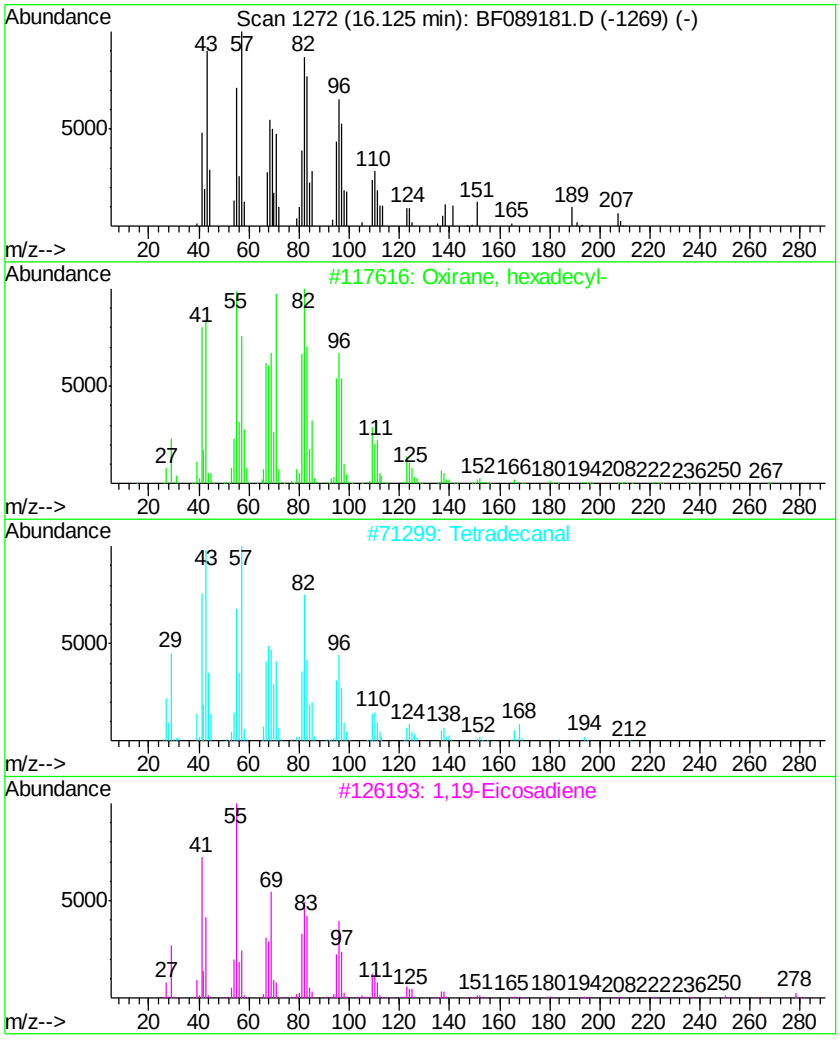
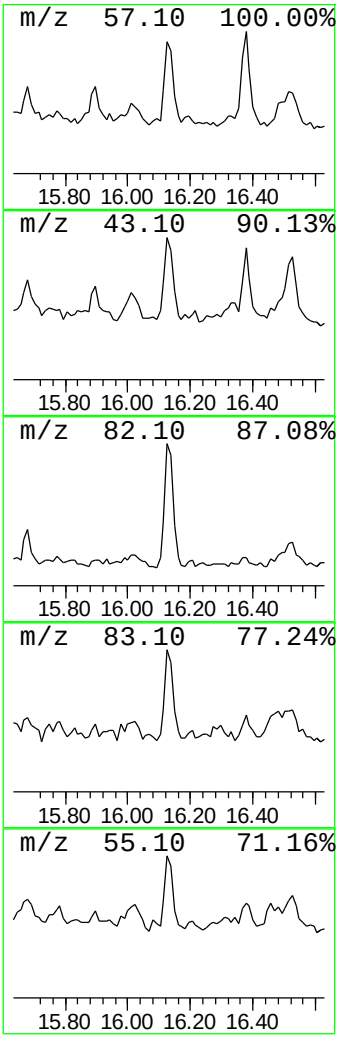
Peak Number 15 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.63 ng	68349	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
2	Tetradecanal	212	C14H28O	000124-25-4	78
3	1,19-Eicosadiene	278	C20H38	014811-95-1	72
4	Pentadecanal-	226	C15H30O	002765-11-9	50
5	Z-8-Tetradecen-1-yl acetate	254	C16H30O2	035835-80-4	46





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Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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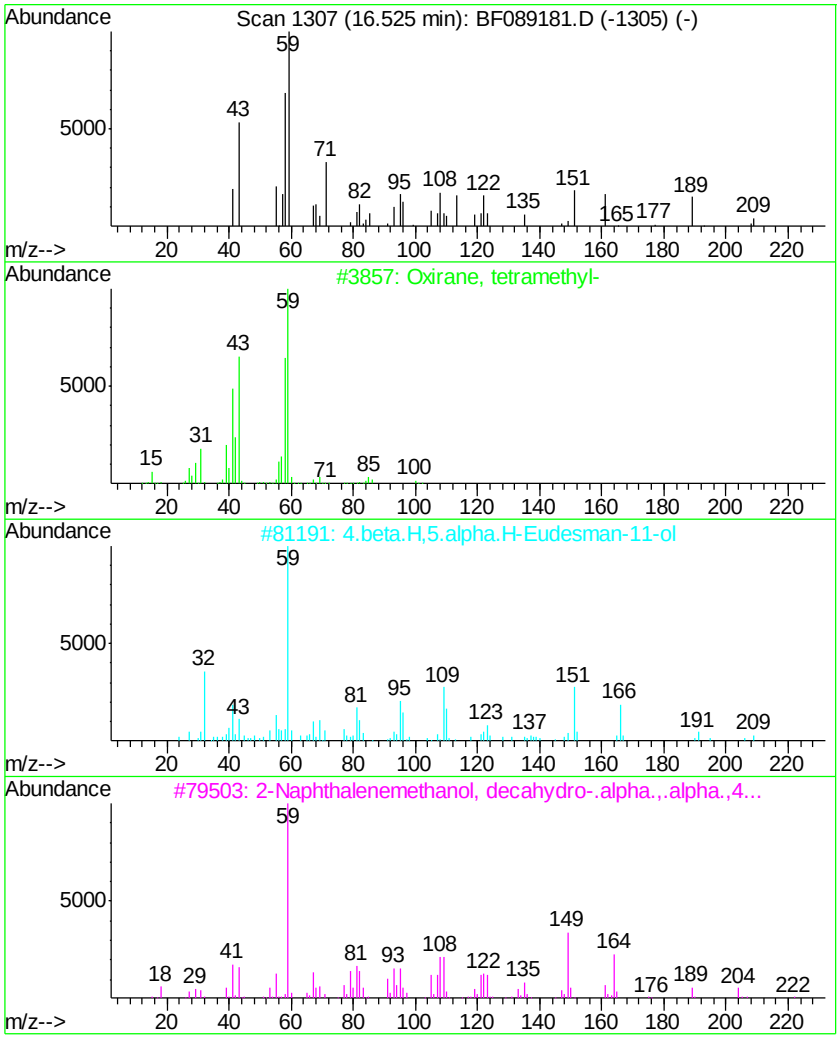
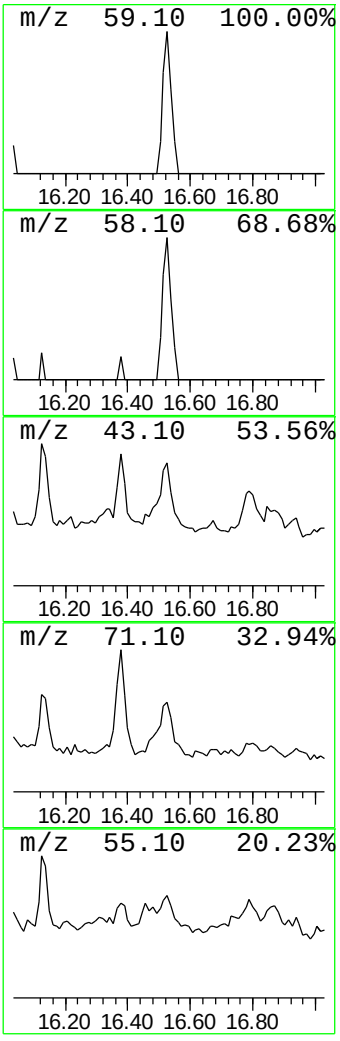
Peak Number 16 unknown16.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.92 ng	59810	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	38
2	4.beta.H,5.alpha.H-Eudesman-11-ol	224	C15H28O	031756-53-3	37
3	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	25
4	Methyl 2,3,3-trichloropropanoate	190	C4H5Cl3O2	020618-07-9	25
5	Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	23





Library Search Compound Report

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Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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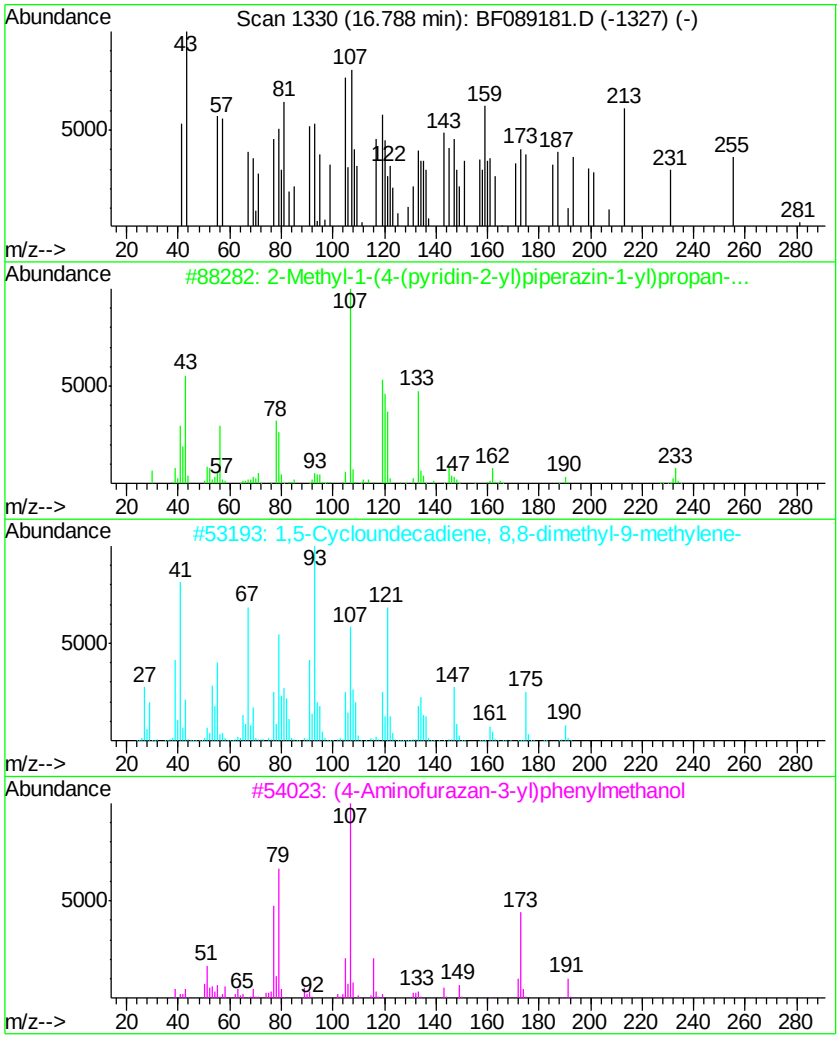
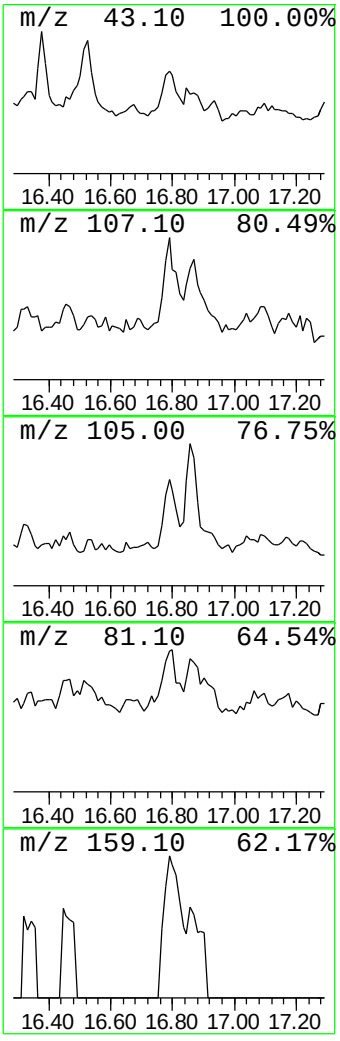
Peak Number 17 unknown16.79 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	5.13 ng	62270	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-(4-(pyridin-2-yl)pipe...	233	C13H19N3O	1000368-48-5	22
2	1,5-Cycloundecadiene, 8,8-dimeth...	190	C14H22	062338-54-9	14
3	(4-Aminofurazan-3-yl)phenylmethanol	191	C9H9N3O2	1000311-63-0	11
4	N-(2-Hydroxy-1-methylene-2-prop-...	191	C11H13NO2	1000194-35-2	11
5	Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	10





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Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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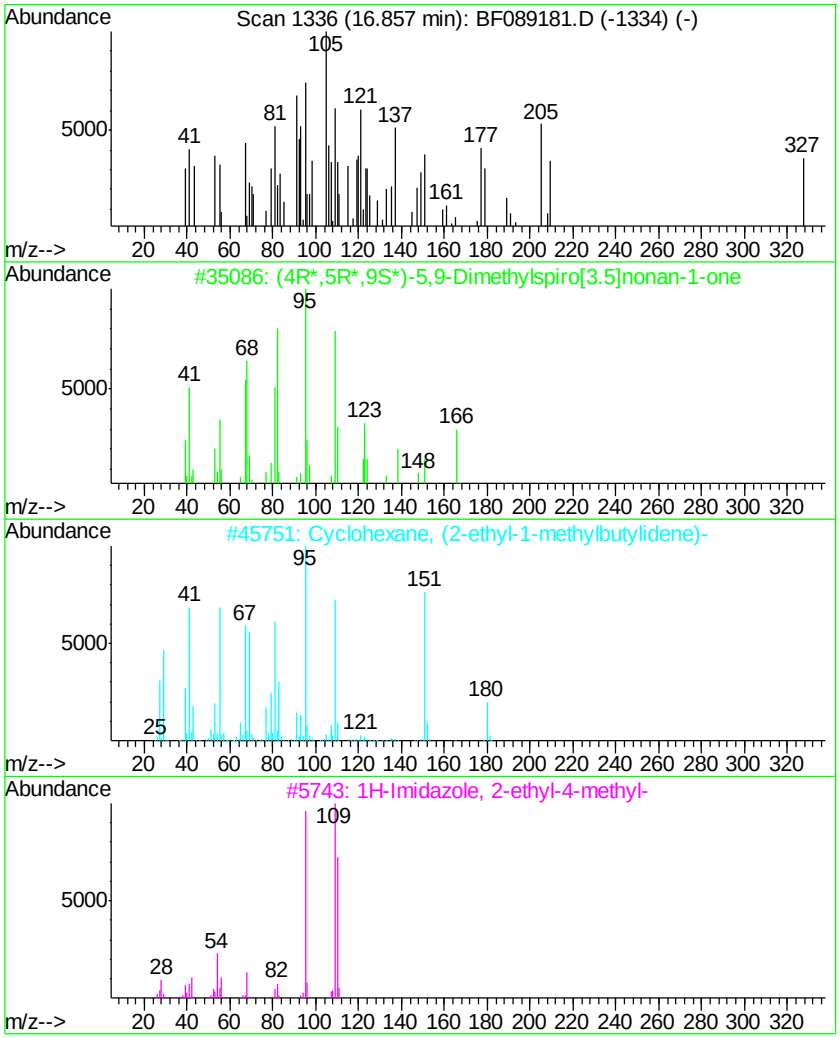
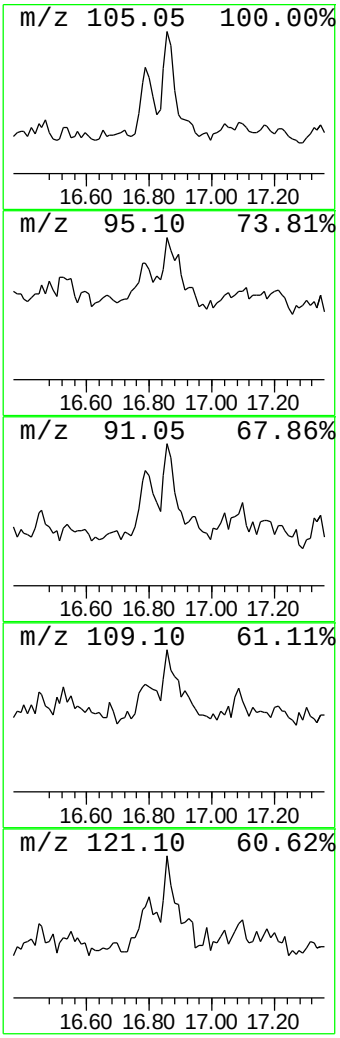
Peak Number 18 unknown16.86 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	4.46 ng	54166	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166	C11H18O	063088-19-7	14
2	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	14
3	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	14
4	1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	12
5	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	12





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Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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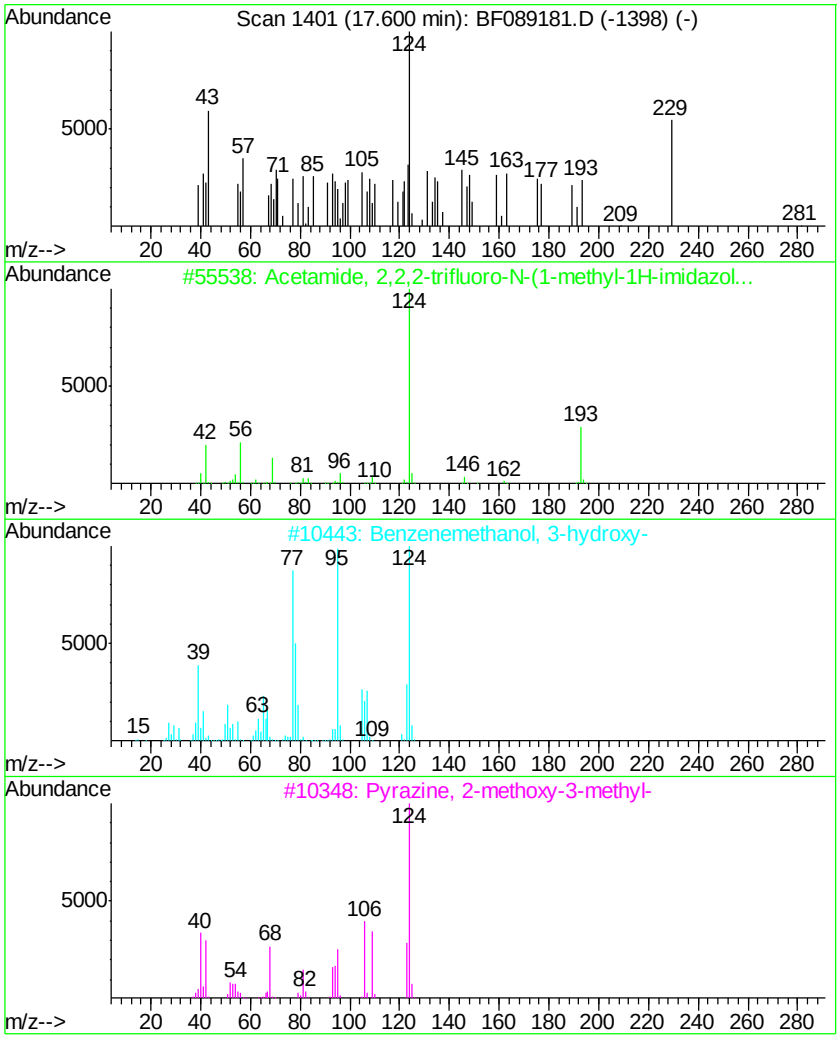
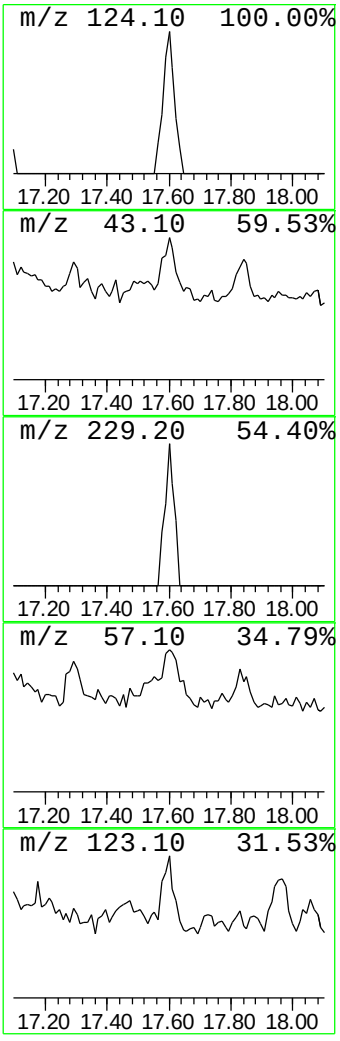
Peak Number 19 unknown17.60 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	4.60 ng	55895	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2,2,2-trifluoro-N-(1-...	193	C6H6F3N3O	131311-59-6	25
2	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	11
3	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	11
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	11
5	2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	10





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Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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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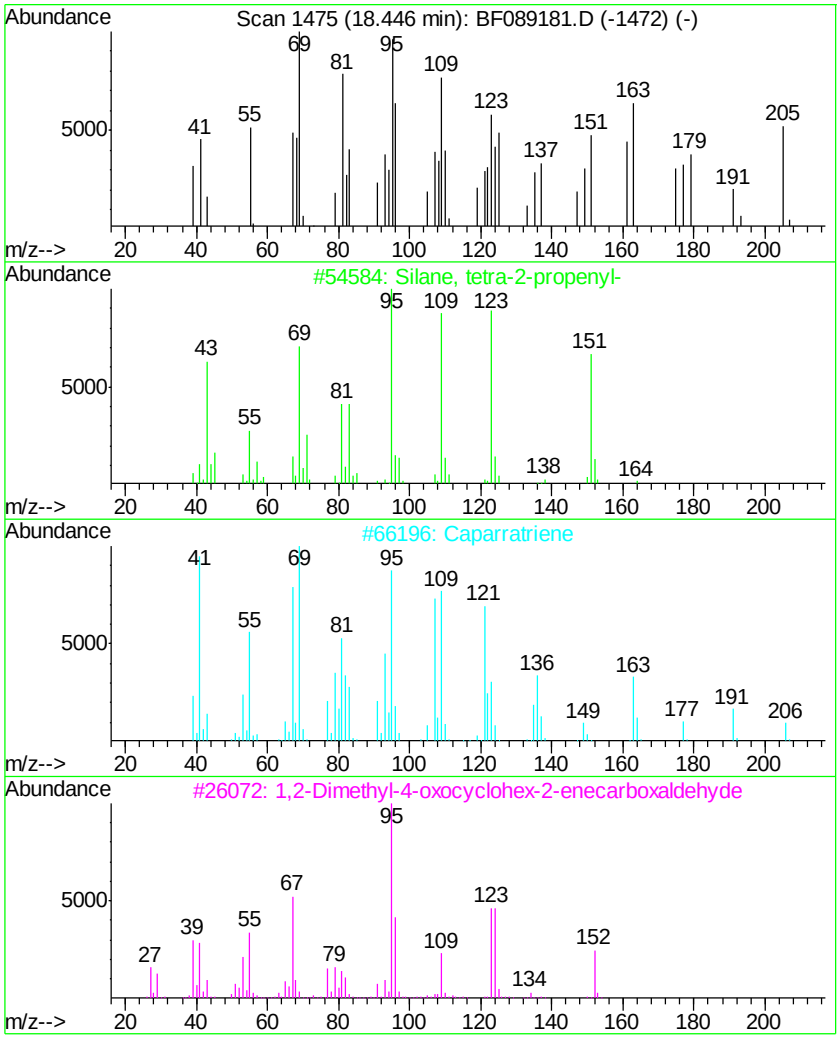
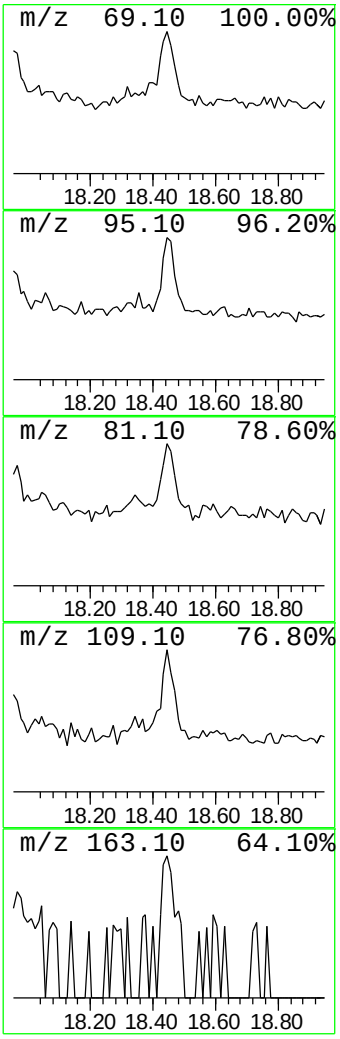
Peak Number 20 unknown18.45 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.77 ng	57946	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	38
2	Caparratriene	206	C15H26	1000374-08-7	35
3	1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	22
4	7-Heptadecyne, 17-chloro-	270	C17H31Cl	056554-75-7	22
5	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	14





Tentatively Identified Compound (LSC) summary

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Data File : BF089181.D
Acq On : 21 Jul 2016 15:42
Operator : UM/SJ
Sample : H4121-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-DRUMS-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...	4.73	4.8	ng	72580	1	6.60	299742	20.0
unknown6.38	6.38	90.5	ng	1356890	1	6.60	299742	20.0
Heneicosane	12.94	5.2	ng	80916	5	13.73	313655	20.0
Tetrapentacontane...	13.60	12.5	ng	195843	5	13.73	313655	20.0
Behenic alcohol	14.24	18.3	ng	287536	5	13.73	313655	20.0
9-Octadecenamide,...	14.49	37.0	ng	449363	6	15.07	242891	20.0
Oxirane, heptadecyl-	14.63	9.4	ng	113613	6	15.07	242891	20.0
2-methyloctacosane	14.80	11.5	ng	139804	6	15.07	242891	20.0
Tetracosyl heptaf...	14.83	22.7	ng	275777	6	15.07	242891	20.0
Octacosane	15.47	9.6	ng	115924	6	15.07	242891	20.0
1-Heptacosanol	15.54	10.7	ng	129303	6	15.07	242891	20.0
Oxirane, hexadecyl-	16.13	5.6	ng	68349	6	15.07	242891	20.0
unknown16.53	16.53	4.9	ng	59810	6	15.07	242891	20.0
unknown16.79	16.79	5.1	ng	62270	6	15.07	242891	20.0
unknown16.86	16.86	4.5	ng	54166	6	15.07	242891	20.0
unknown17.60	17.60	4.6	ng	55895	6	15.07	242891	20.0
unknown18.45	18.45	4.8	ng	57946	6	15.07	242891	20.0