LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089949.D
Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

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-BF083116.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	1.644	3	5	13	rVV	191353	437623	6.82%	0.607%
2	1.747	13	14	51	rVB	1535030	4051866	63.12%	5.617%
3	4.776	276	279	287	rBV	914817	1623116	25.29%	2.250%
4	5.222	314	318	320	rBV	4445952	5933471	92.44%	8.226%
5	6.284	407	411	413	rBV	4736319	5990540	93.33%	8.305%
6	6.399	418	421	424	rBV	4197305	5558191	86.59%	7.706%
7	6.639	439	442	444	rBV	1368814	1480094	23.06%	2.052%
8	6.799	453	456	458	rBV	3093810	4387784	68.36%	6.083%
9	7.210	488	492	494	rBV	2486557	3878911	60.43%	5.378%
10	7.313	498	501	508	rVB2	22467	66362	1.03%	0.092%
11	7.919	552	554	556	rBV	2337884	1989954	31.00%	2.759%
12	9.005	646	649	651	rVB	5089351	6418921	100.00%	8.899%
13	9.393	681	683	686	rBV	1816772	1546463	24.09%	2.144%
14	9.519	693	694	697	rVB	104686	88456	1.38%	0.123%
15	9.668	704	707	709	rBV	1916844	2123255	33.08%	2.944%
16	9.862	720	724	727	rBV5	28159	74676	1.16%	0.104%
17	10.113	745	746	748	rVB	156504	136526	2.13%	0.189%
18	10.331	762	765	769	rBV2	54867	121750	1.90%	0.169%
19	10.445	772	775	778	rVV	3037033	3104063	48.36%	4.303%
20	10.582	785	787	792	rVB	148631	224589	3.50%	0.311%
21	10.902	811	815	817	rBV5	34286	83289	1.30%	0.115%
22	11.028	824	826	828	rBV	96416	84914	1.32%	0.118%
23	11.131	833	835	839	rVV	2036822	1975612	30.78%	2.739%
24	11.211	839	842	844	rVB2	66715	107441	1.67%	0.149%
25	11.394	853	858	861	rBV4	40292	102169	1.59%	0.142%
26	11.634	876	879	880	rBV	60162	66162	1.03%	0.092%
27	11.691	882	884	887	rVV3	333351	452019	7.04%	0.627%
28	11.736	887	888	894	rVB	106984	174263	2.71%	0.242%
29	11.942	902	906	909	rVB4	40039	84808	1.32%	0.118%
30	12.079	915	918	921	rBV4	34898	70589	1.10%	0.098%
31	12.182	924	927	928	rBV2	62646	95324	1.49%	0.132%
32	12.251	931	933	938	rVV4	56173	110446	1.72%	0.153%
33	12.331	938	940	943	rVV	289806	265369	4.13%	0.368%
34	12.468	950	952	954	rBV2	135098	185477	2.89%	0.257%

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Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

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-BF083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.559	957	960	961	rVV	403160	452806	7.05%	0.628%
36	12.605	961	964	969	rVV	173153	356119	5.55%	0.494%
37	12.719	971	974	976	rVV	4309672	4206685	65.54%	5.832%
38	12.777	976	979	981	rVV3	55176	84849	1.32%	0.118%
39	12.868	984	987	991	rVB3	55791	154400	2.41%	0.214%
40	12.971	993	996	1001	rBV3	73290	227147	3.54%	0.315%
41	13.268	1019	1022	1023	rBV	70985	105981	1.65%	0.147%
42	13.497	1039	1042	1043	rBV2	56446	85117	1.33%	0.118%
43	13.634	1052	1054	1061	rVB3	466930	709416	11.05%	0.984%
44	13.748	1061	1064	1070	rBV2	1770343	2436202	37.95%	3.378%
45	14.068	1090	1092	1094	rBV2	77703	73201	1.14%	0.101%
46	14.137	1095	1098	1099	rVB2	69731	101290	1.58%	0.140%
47	14.262	1107	1109	1117	rVV2	644804	968024	15.08%	1.342%
48	14.548	1132	1134	1135	rBV2	77498	107099	1.67%	0.148%
49	14.605	1138	1139	1141	rVB	92699	101042	1.57%	0.140%
50	14.674	1143	1145	1148	rVB	226286	236098	3.68%	0.327%
51	14.731	1148	1150	1155	rVB	331902	601075	9.36%	0.833%
52	14.857	1157	1161	1164	rBV3	297021	858004	13.37%	1.190%
53	14.982	1170	1172	1175	rBV	201944	239830	3.74%	0.332%
54	15.040	1175	1177	1179	rVB	188017	188465	2.94%	0.261%
55	15.097	1179	1182	1185	rBV	1409901	1564051	24.37%	2.168%
56	15.325	1200	1202	1207	rVB2	150635	259509	4.04%	0.360%
57	15.531	1217	1220	1222	rBV	322002	484874	7.55%	0.672%
58	15.577	1222	1224	1227	rVV2	231522	432648	6.74%	0.600%
59	15.634	1227	1229	1233	rVB	113688	220976	3.44%	0.306%
60	15.954	1255	1257	1259	rBV	45893	81725	1.27%	0.113%
61	16.068	1265	1267	1272	rVB3	91886	191521	2.98%	0.266%
62	16.194	1275	1278	1283	rVV3	183748	406190	6.33%	0.563%
63	16.308	1286	1288	1293	rVV2	104868	219585	3.42%	0.304%
64	16.468	1297	1302	1305	rBV3	227362	653361	10.18%	0.906%
65	16.526	1305	1307	1311	rVV3	128583	367083	5.72%	0.509%
66	16.594	1311	1313	1318	rVV2	139236	377051	5.87%	0.523%
67	16.674	1318	1320	1325	rVB	83370	152587	2.38%	0.212%
68	16.834	1331	1334	1336	rBV2	63217	138597	2.16%	0.192%
69	17.108	1355	1358	1360	rBV3	43989	107187	1.67%	0.149%
70	17.383	1378	1382	1389	rVB2	76986	219474	3.42%	0.304%
71	17.840	1420	1422	1426	rBV3	25670	70791	1.10%	0.098%

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Misc :
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Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

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-BF083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.931	1427	1430	1436	rVB	77656	219431	3.42%	0.304%
73	18.537	1479	1483	1491	rVB2	185175	575526	8.97%	0.798%

Sum of corrected areas: 72129510

LSC Report - Integrated Chromatogram

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Data File : BF089949.D
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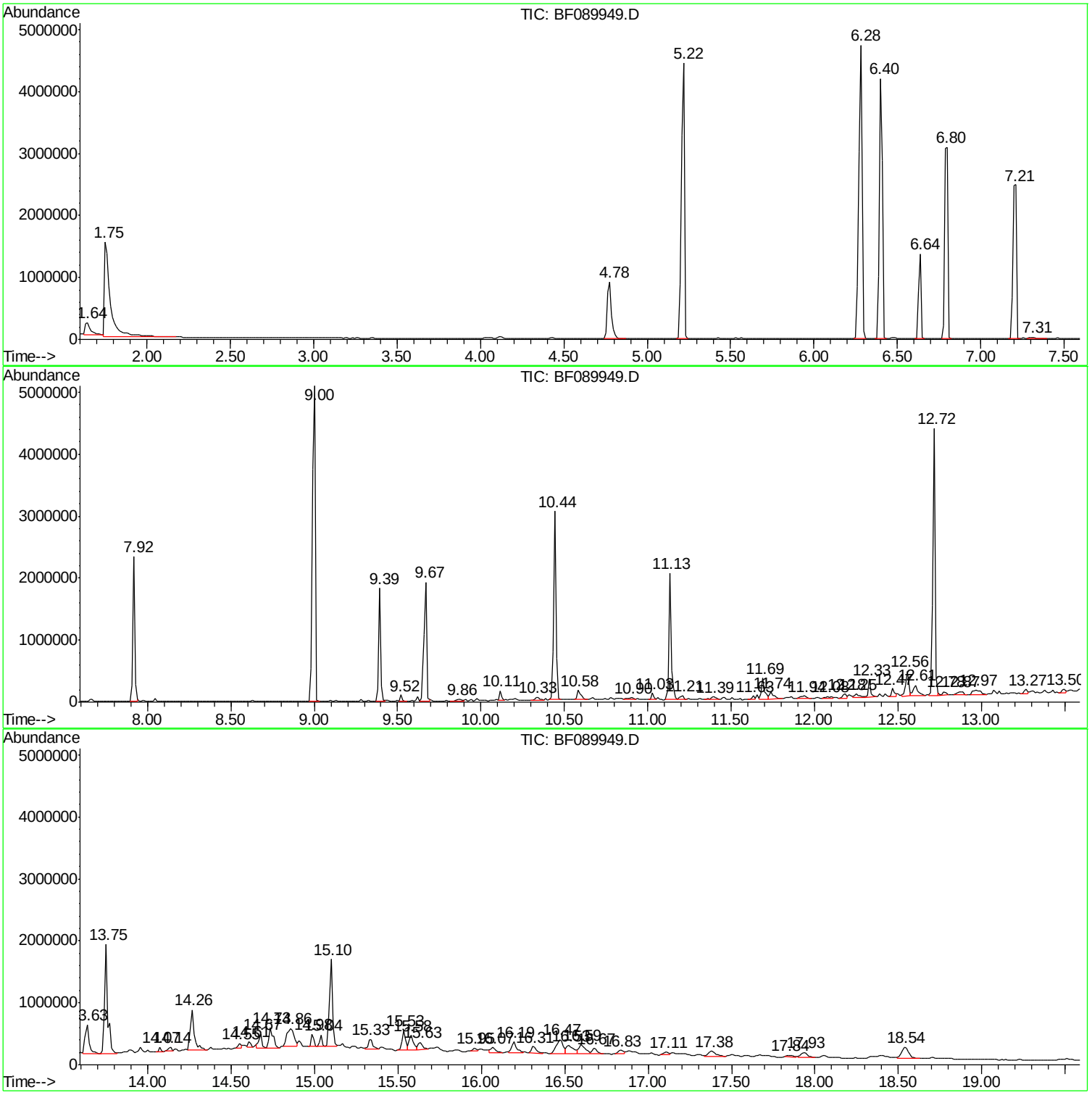
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089949.D
Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

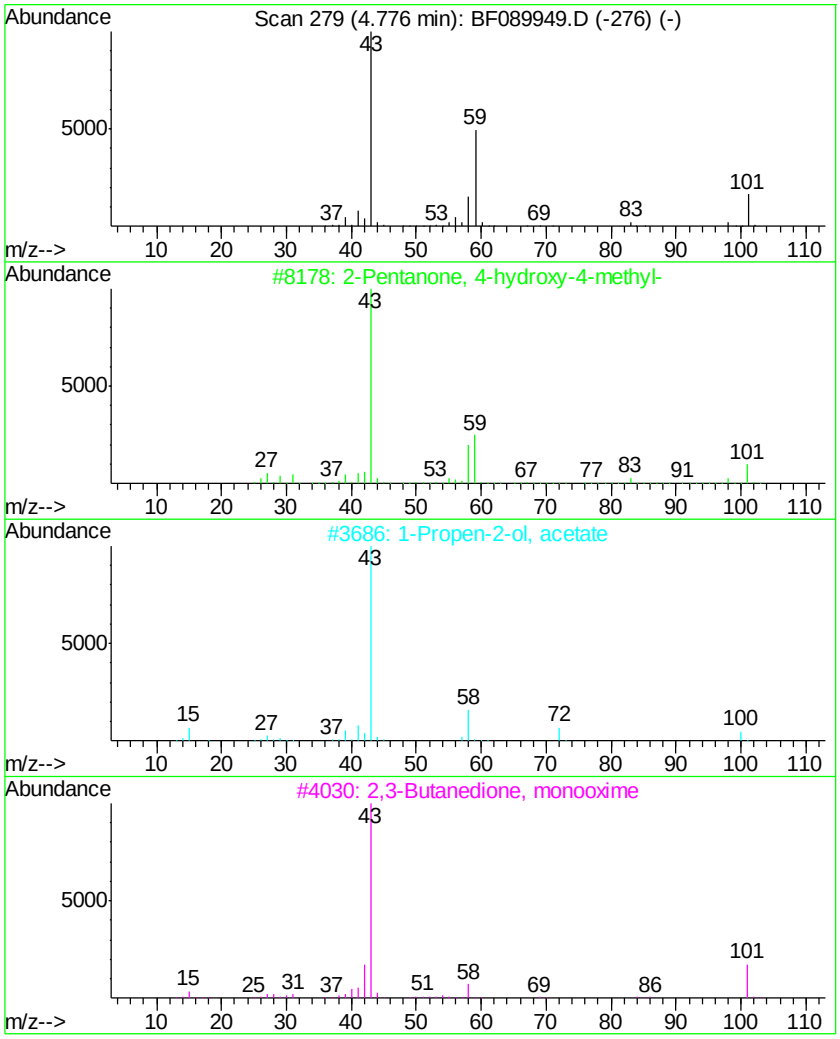
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

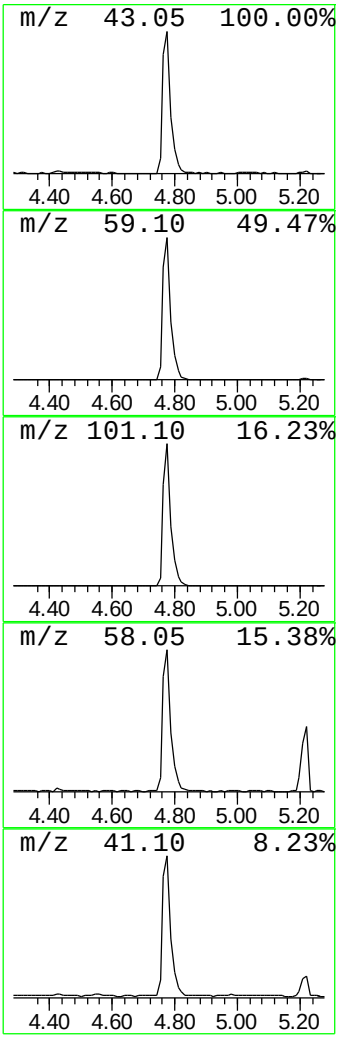
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	21.93 ng	1623120	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Acetone	58	C3H6O	000067-64-1	7





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089949.D
Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

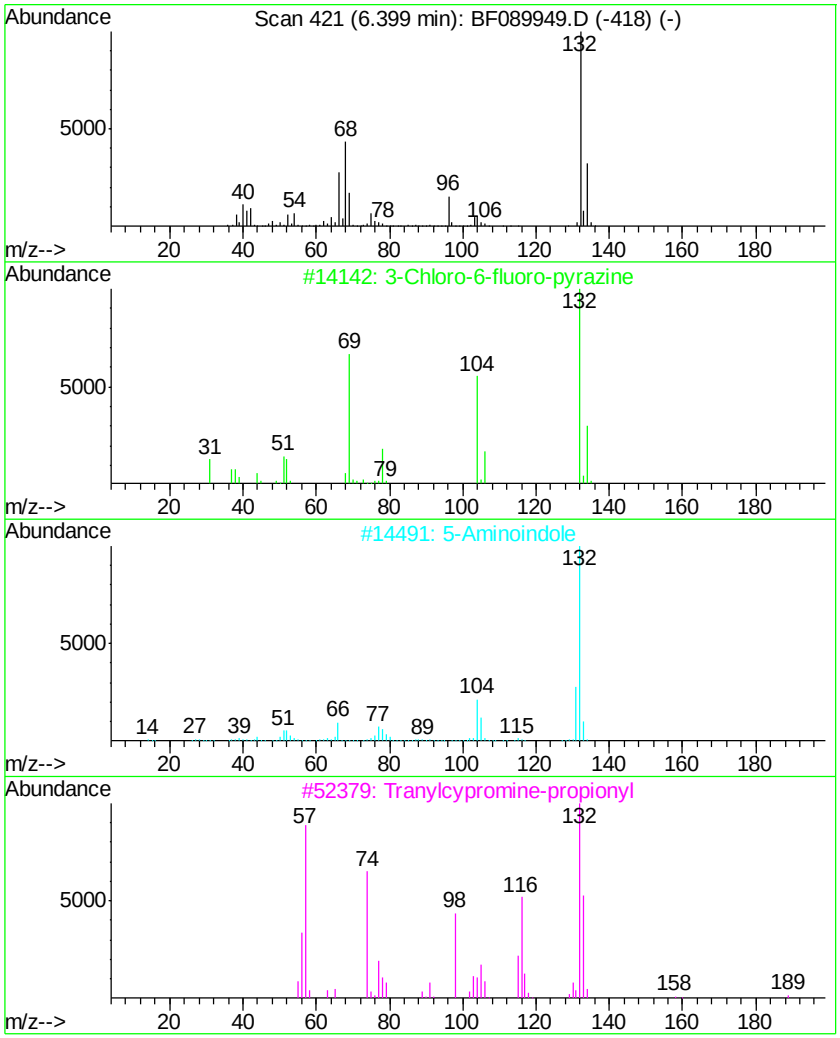
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

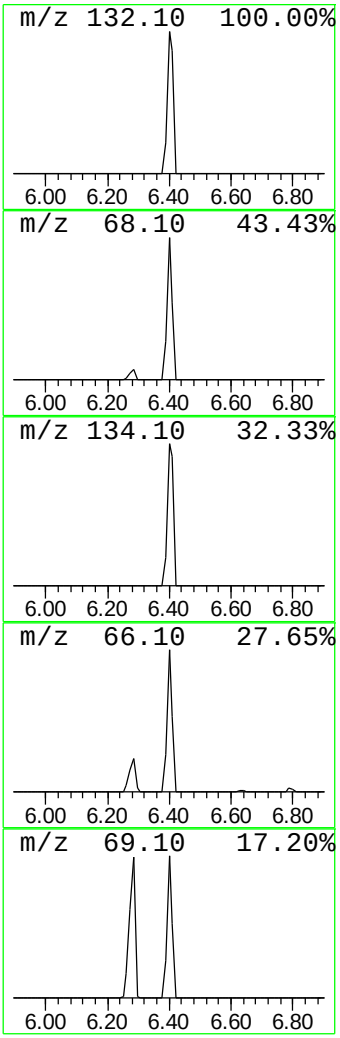
****

Peak Number 4 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	75.11 ng	5558190	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089949.D
Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

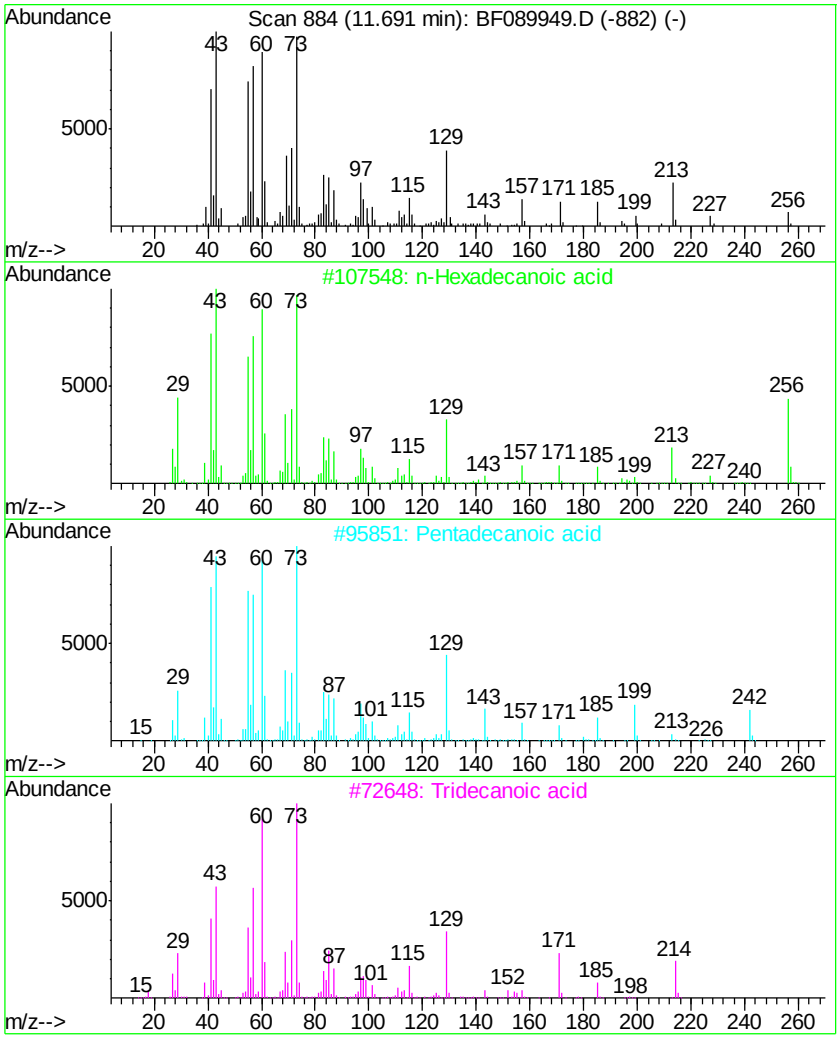
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

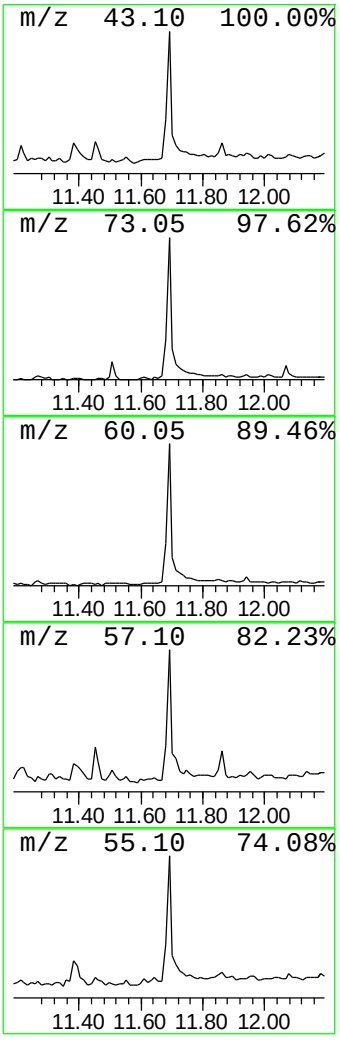
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.58 ng	452019	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





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Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

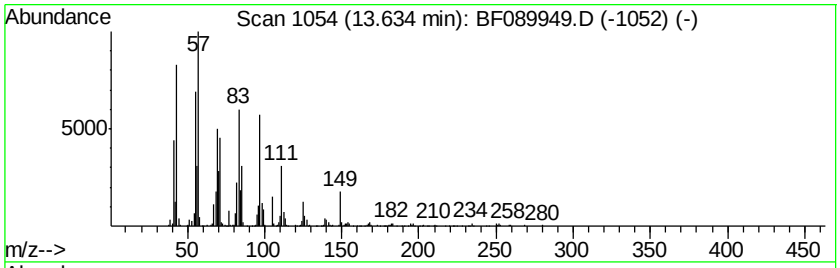
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

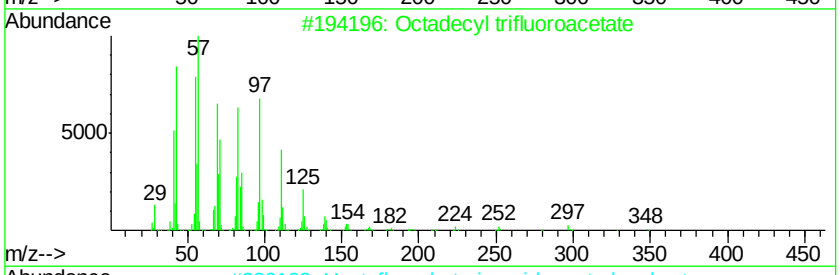
****

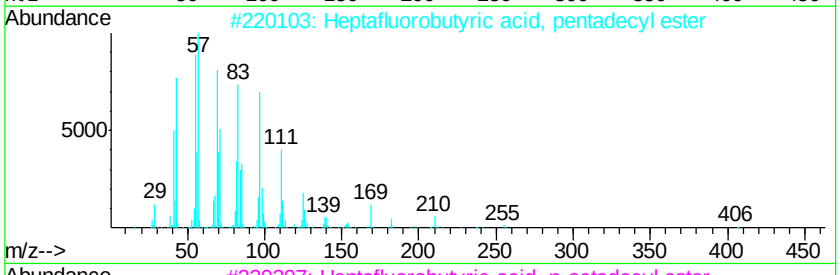
Peak Number 7 Octadecyl trifluoroacetate Concentration Rank 11

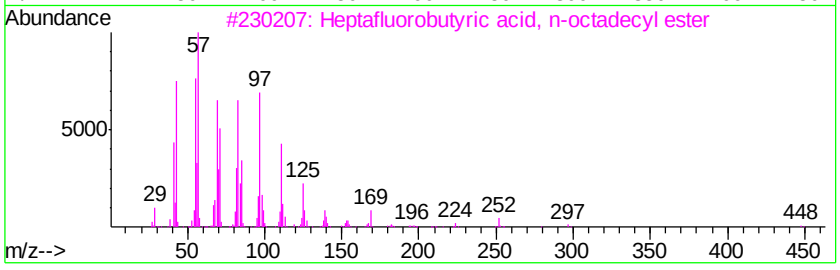
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.82 ng	709416	Chrysene-d12	13.75

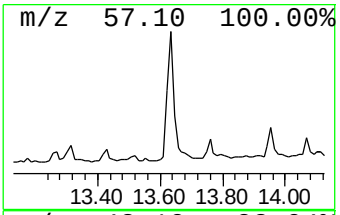
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91

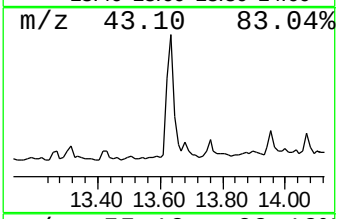


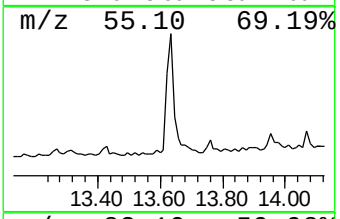


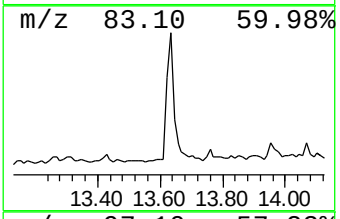


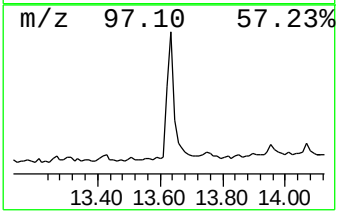












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Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

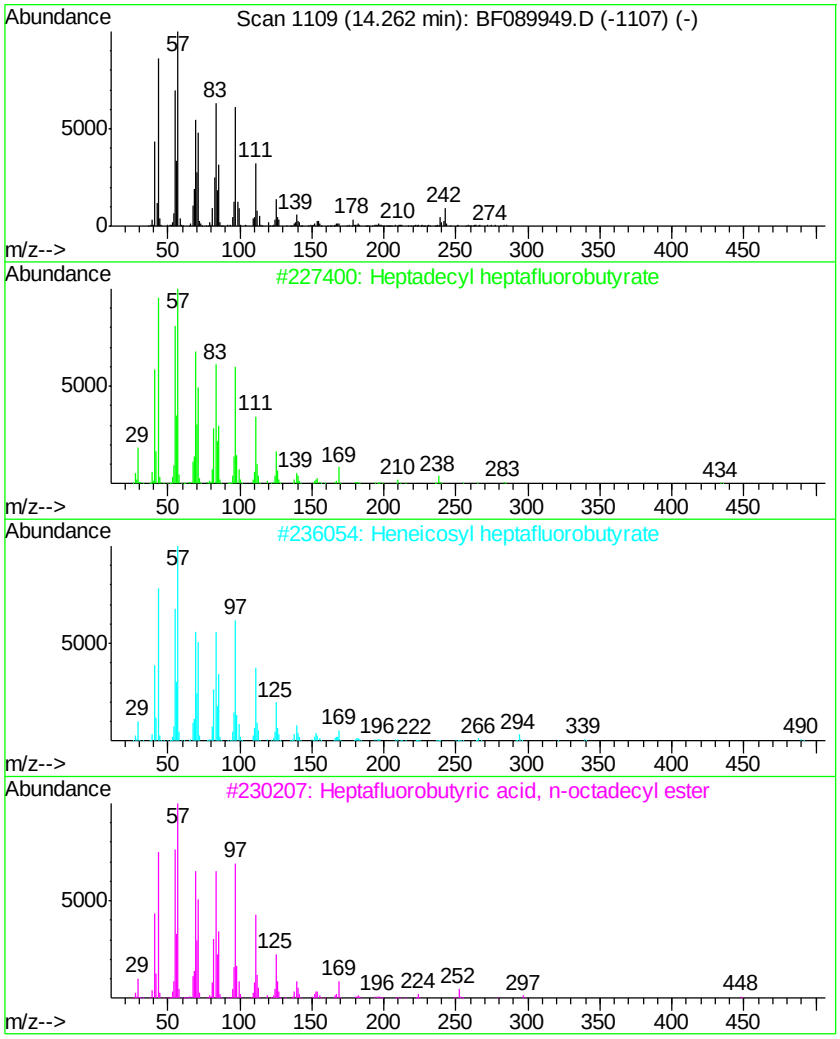
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

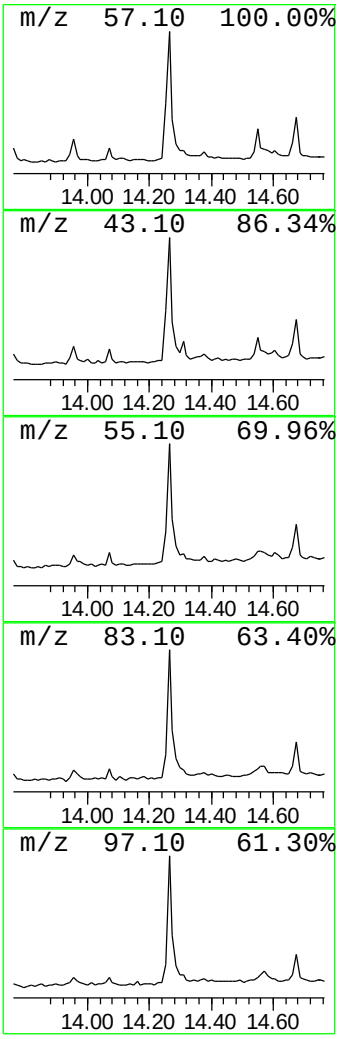
****

Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	7.95 ng	968024	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	93
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	93
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	93
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089949.D
Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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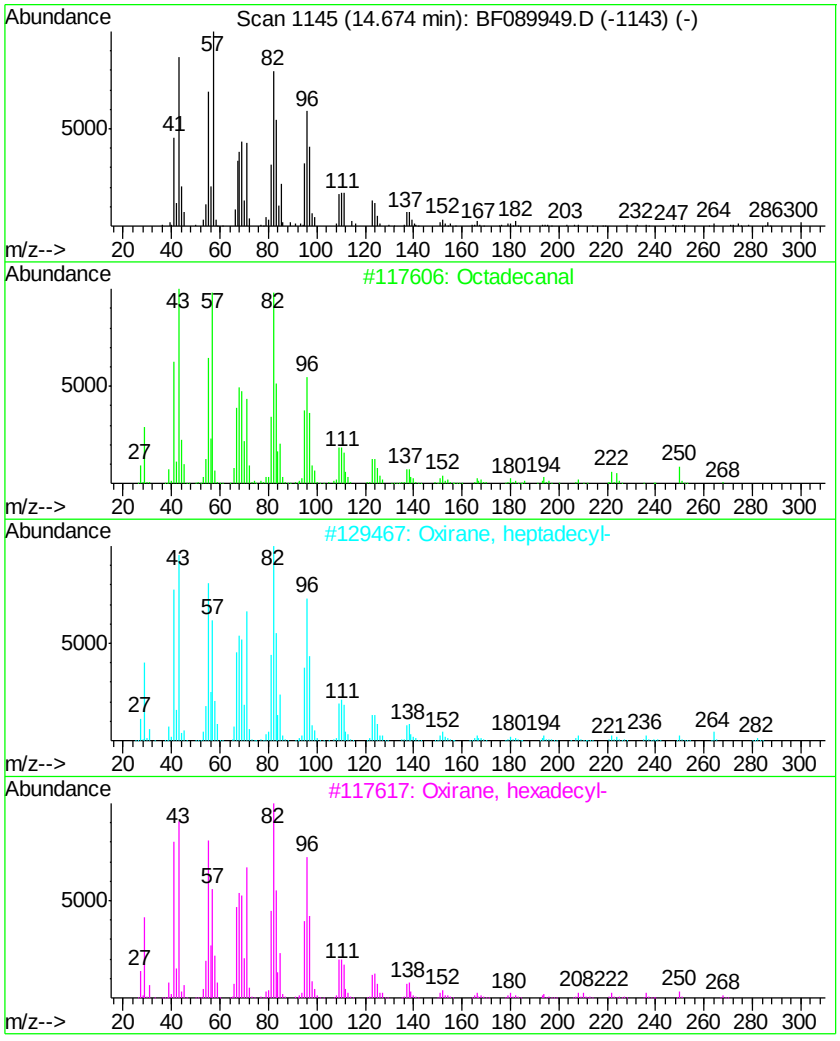
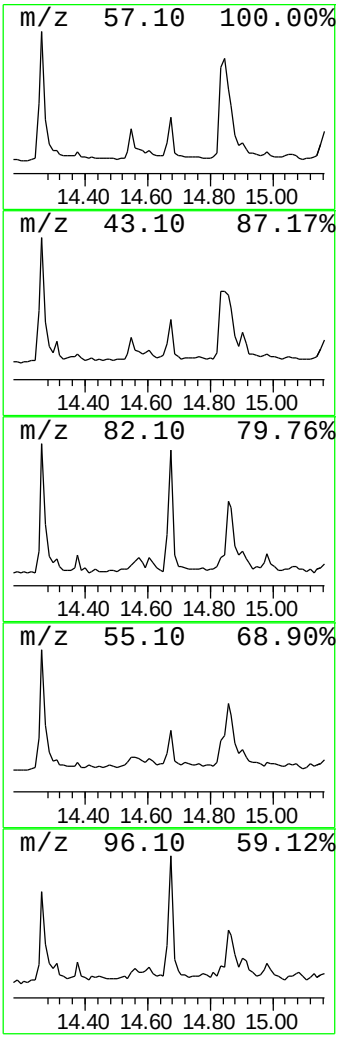
Peak Number 9 Octadecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.02 ng	236098	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	17-Octadecenal	266	C18H34O	056554-86-0	90
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	81





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Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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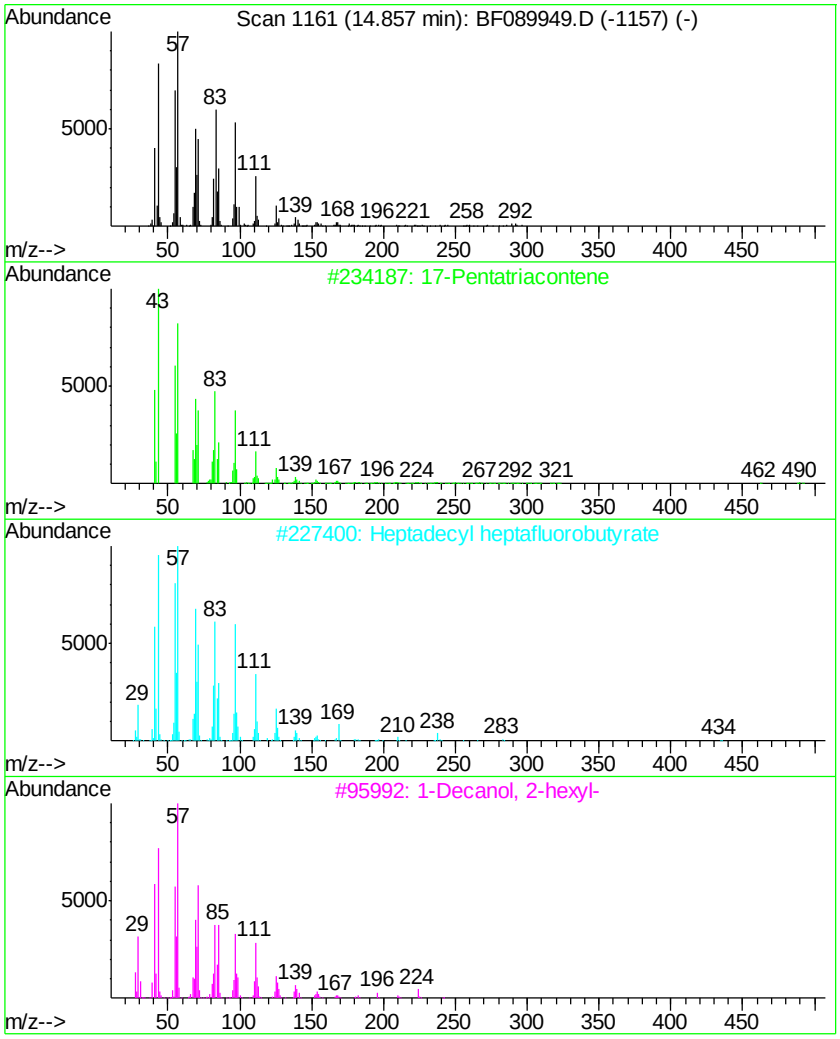
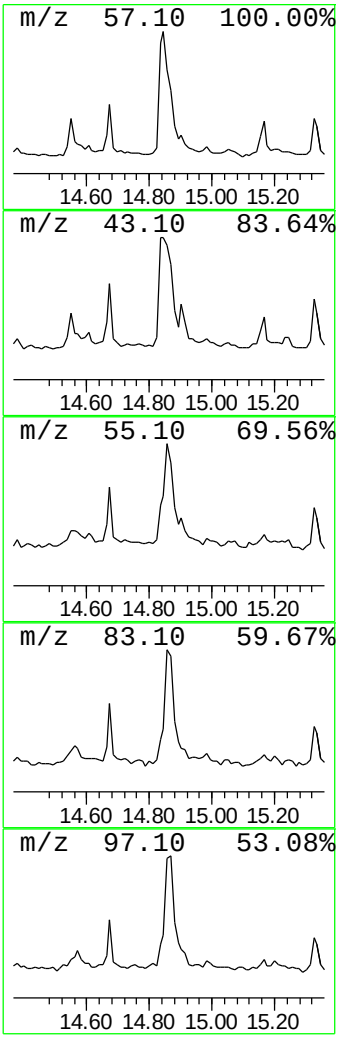
Peak Number 10 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	10.97 ng	858004	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90





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Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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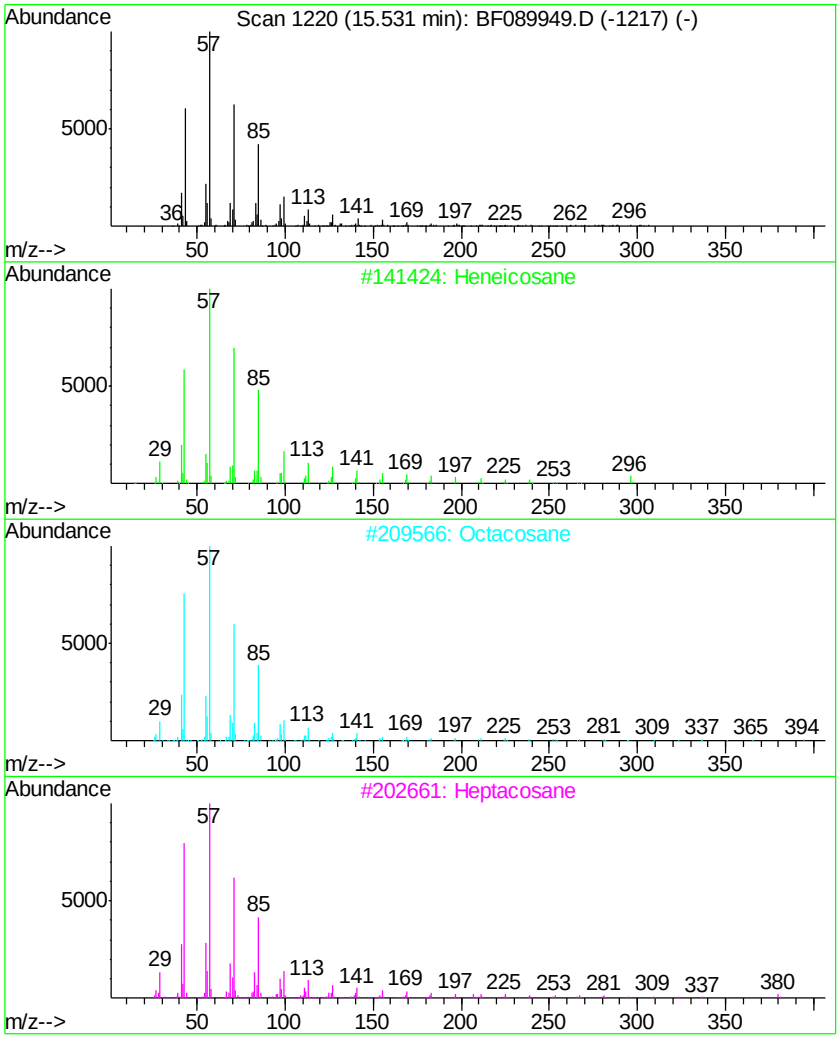
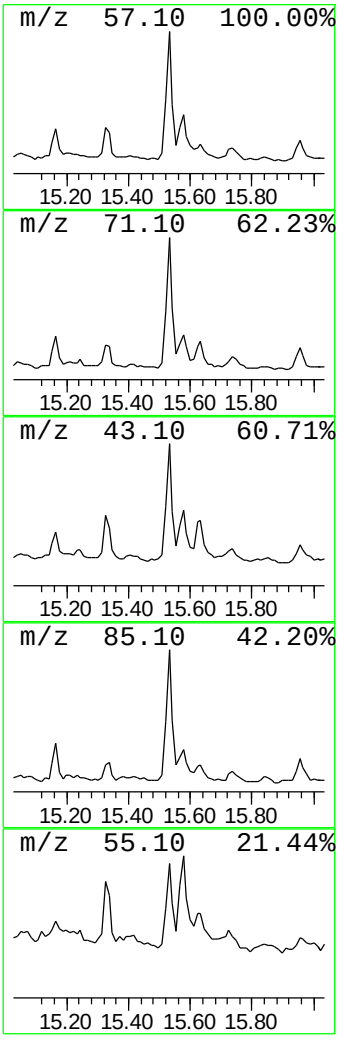
Peak Number 13 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	6.20 ng	484874	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





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Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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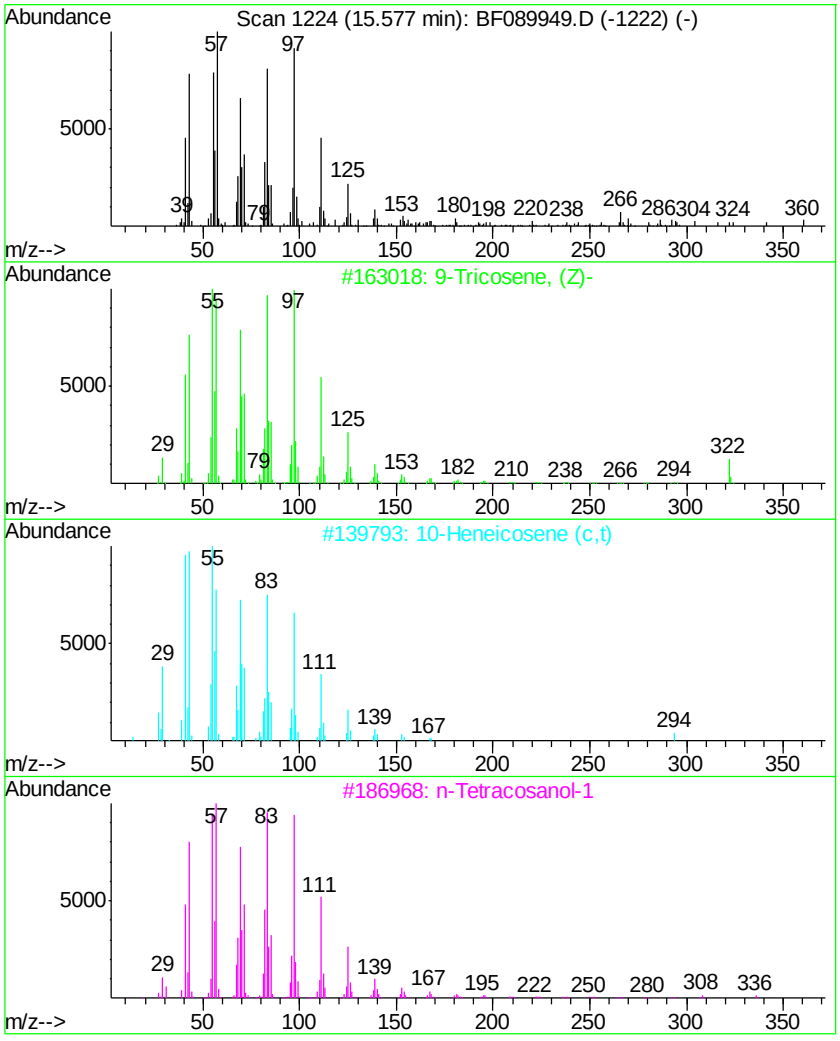
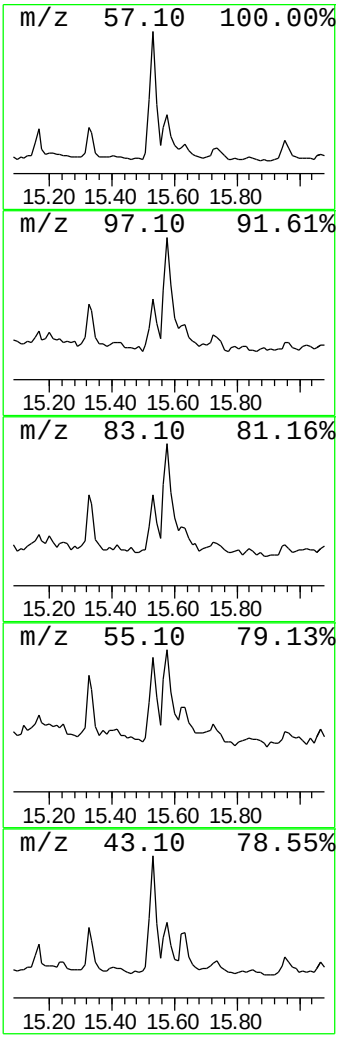
Peak Number 14 9-Tricosene, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	5.53 ng	432648	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Octacosanol	410	C28H58O	000557-61-9	93





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Acq On : 31 Aug 2016 14:40
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Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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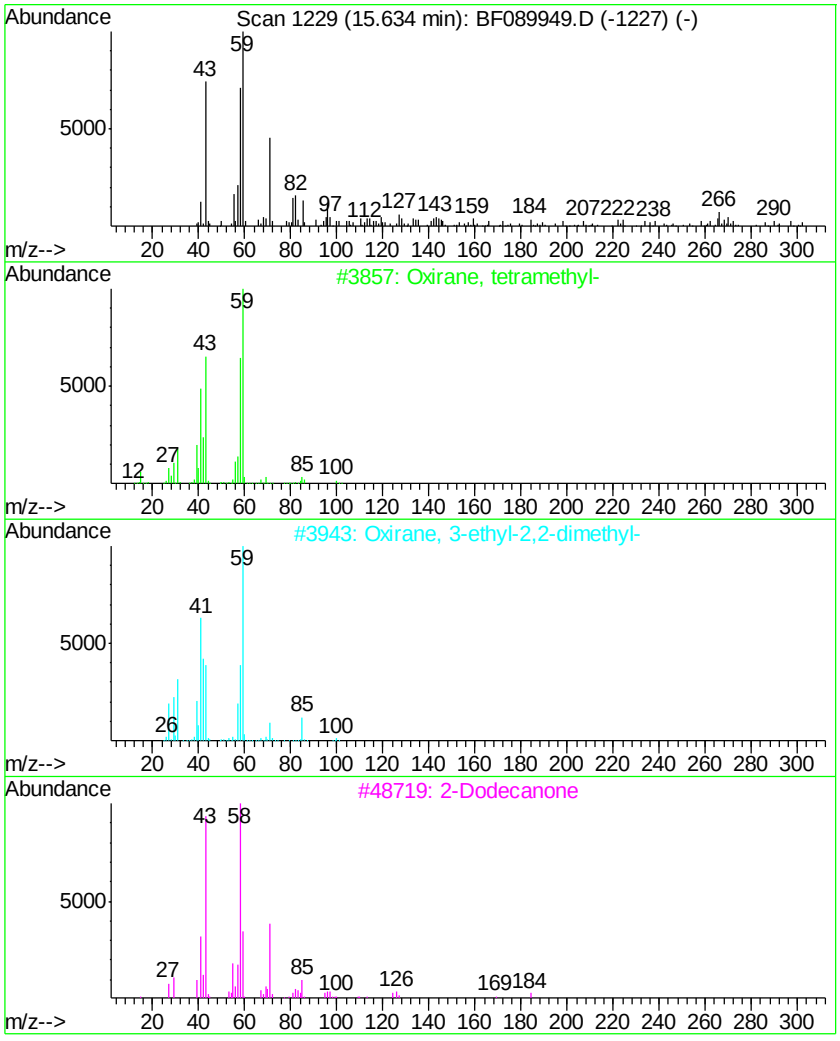
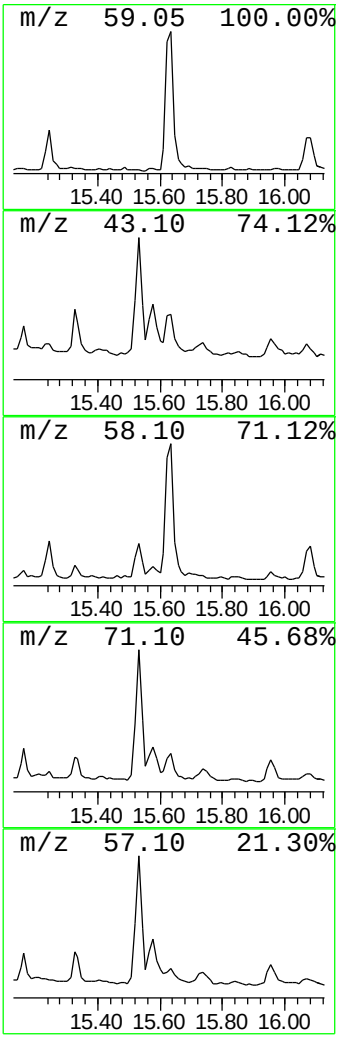
Peak Number 15 unknown15.63 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.83 ng	220976	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	47
2	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	46
3	2-Dodecanone	184	C12H24O	006175-49-1	43
4	2-Tridecanone	198	C13H26O	000593-08-8	43
5	2-Heptadecanone	254	C17H34O	002922-51-2	42





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Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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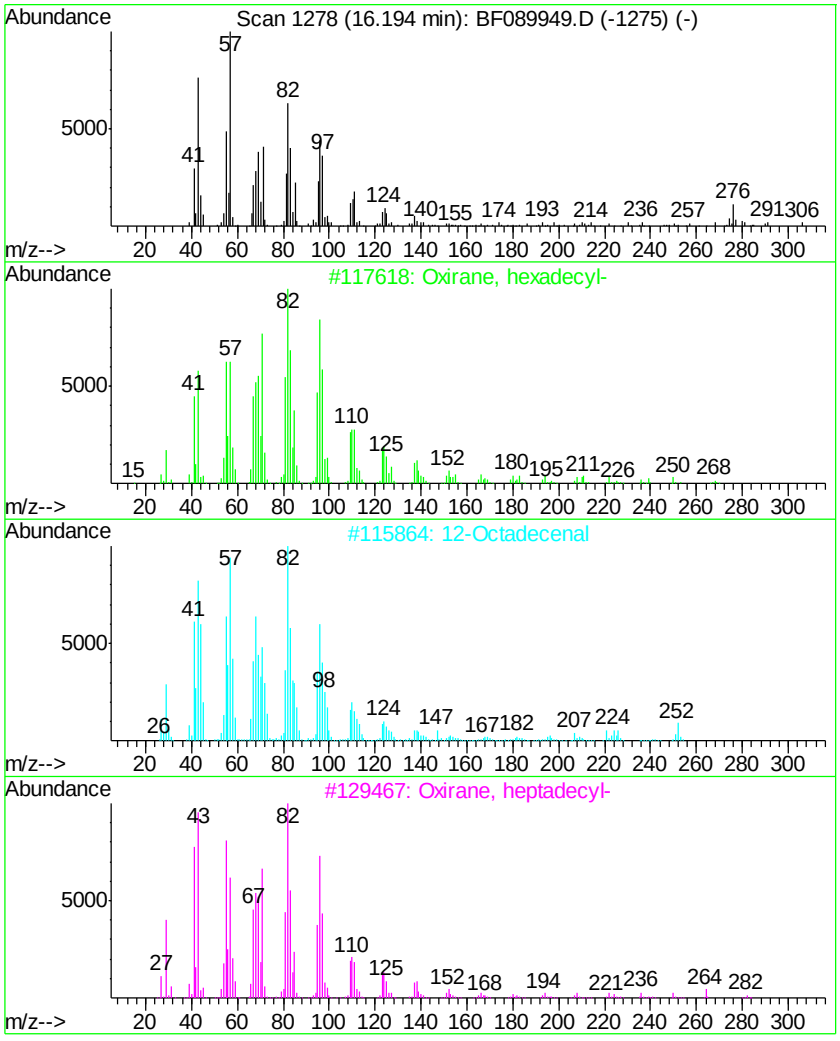
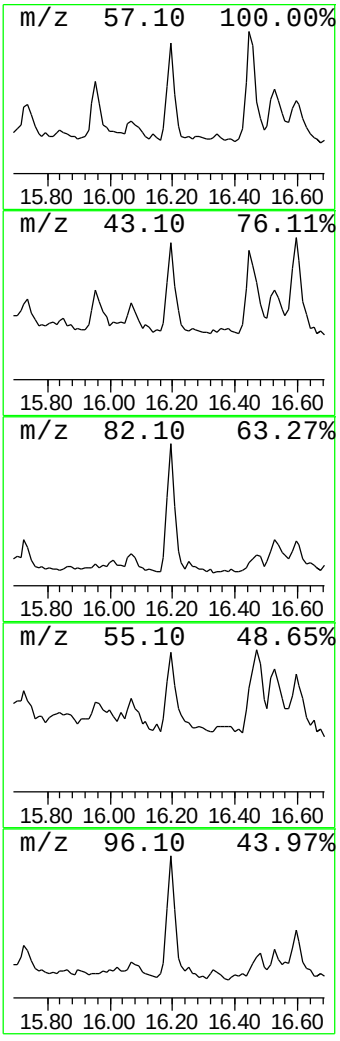
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	5.19 ng	406190	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	12-Octadecenal	266	C18H34O	056554-91-7	80
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
4	Octadecanal	268	C18H36O	000638-66-4	72
5	Cyclohexane, 1-(1,5-dimethylhexy...	280	C20H40	056009-20-2	55





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Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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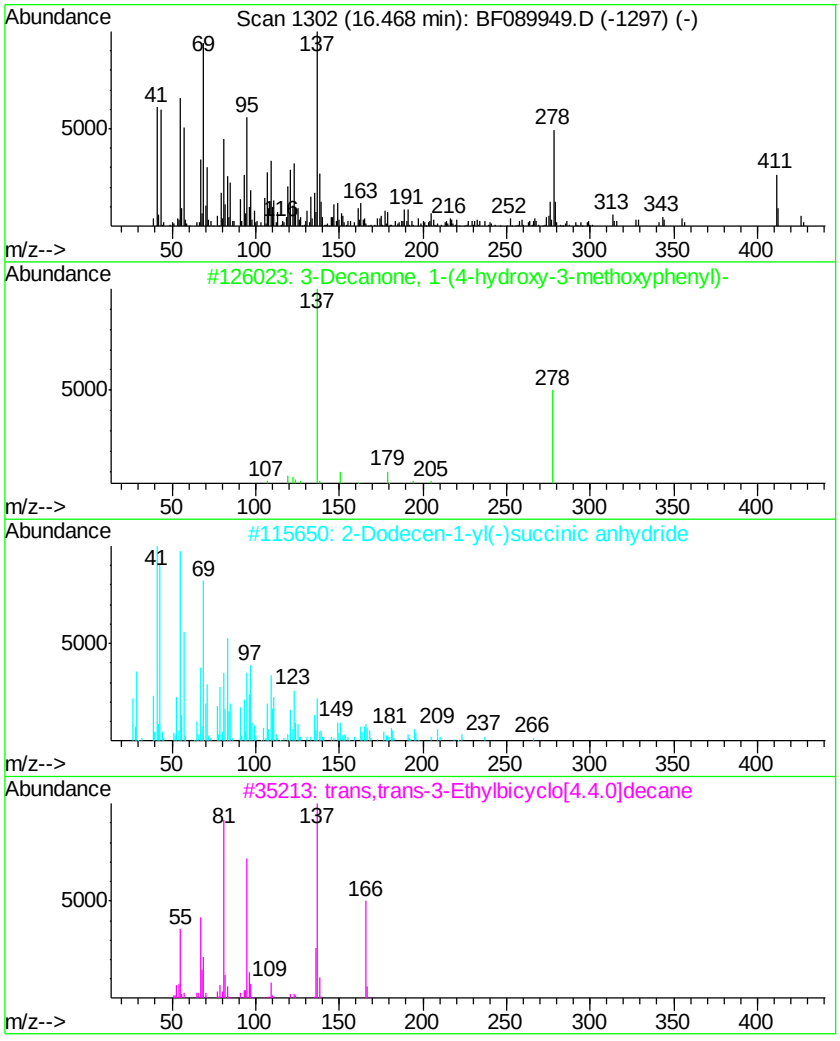
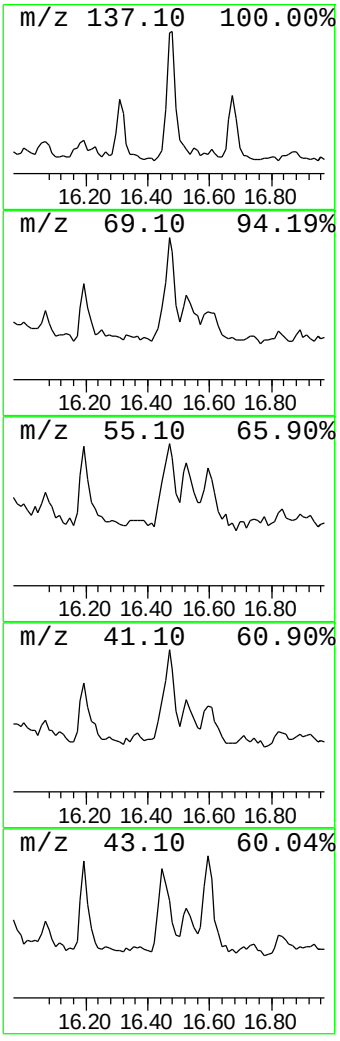
Peak Number 17 unknown16.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	8.35 ng	653361	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Decanone, 1-(4-hydroxy-3-metho...	278	C17H26O3	027113-22-0	47
2	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	38
3	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	27
4	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	27
5	1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	25





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Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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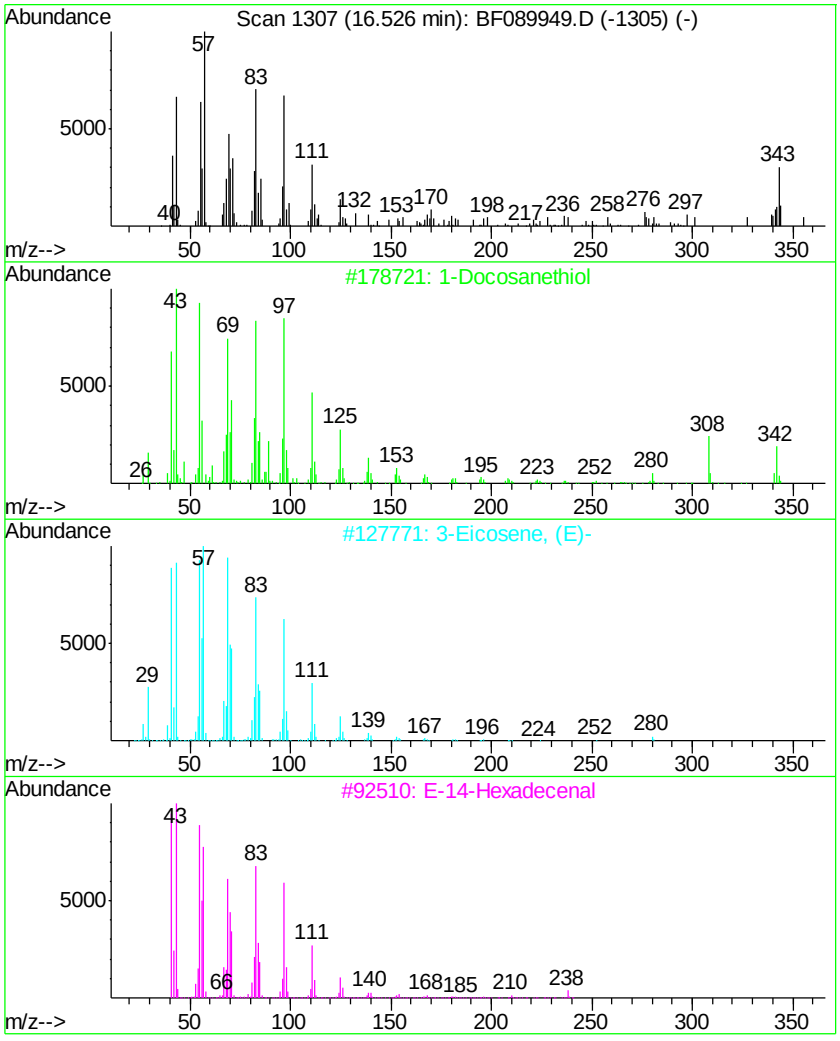
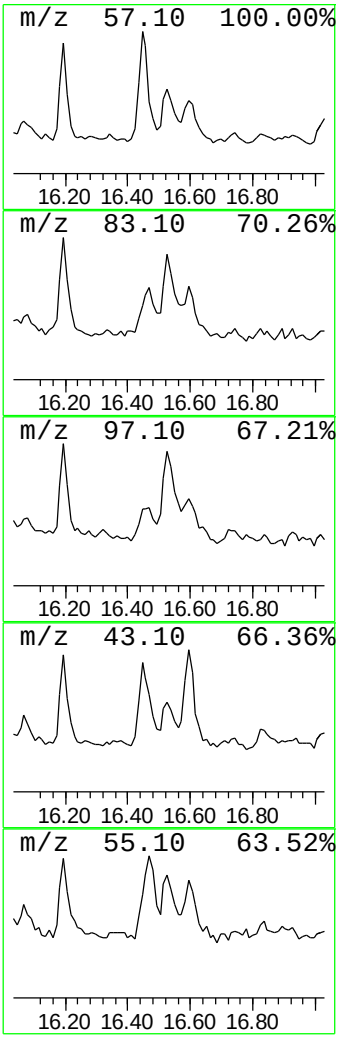
Peak Number 18 1-Docosanethiol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.69 ng	367083	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	81
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	64
4	Octacosanol	410	C28H58O	000557-61-9	64
5	1-Heptacosanol	396	C27H56O	002004-39-9	58





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Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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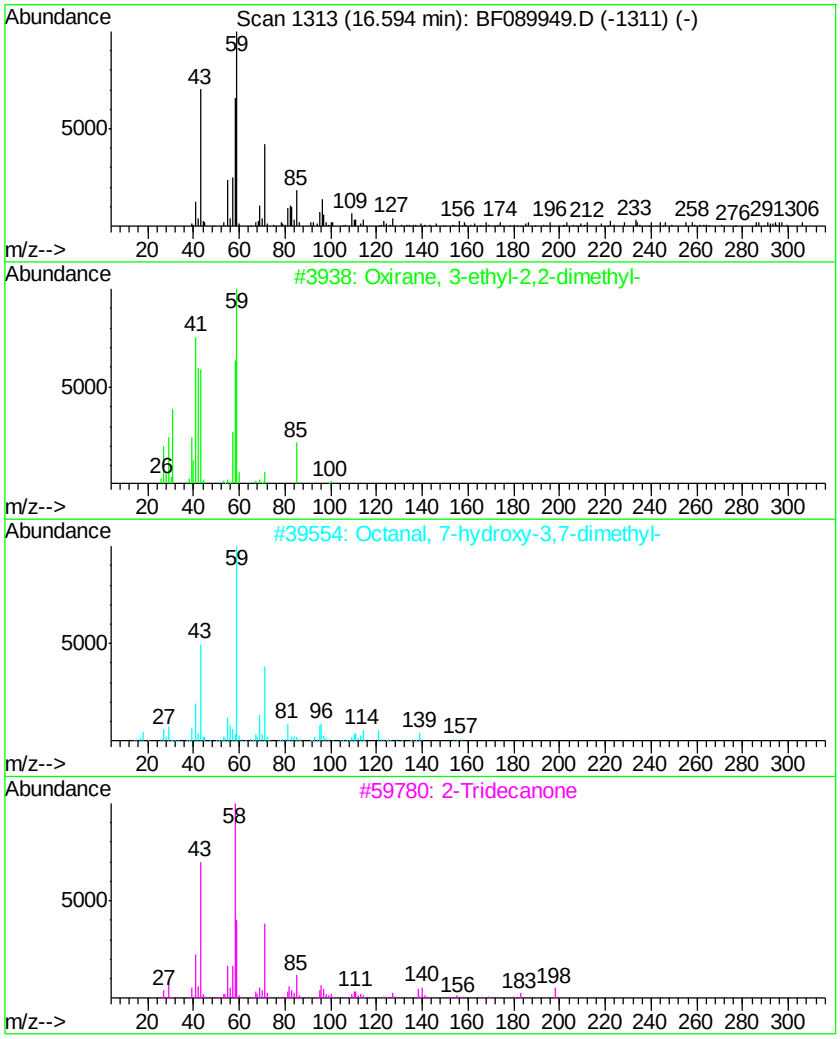
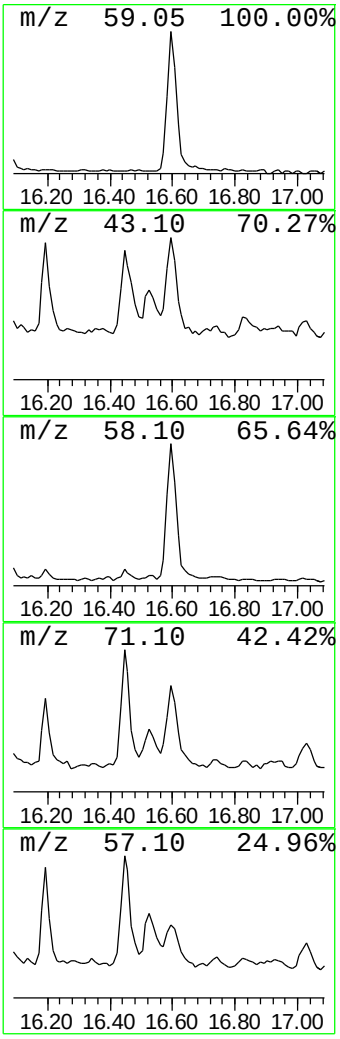
Peak Number 19 Oxirane, 3-ethyl-2,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	4.82 ng	377051	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	58
2	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	50
3	2-Tridecanone	198	C13H26O	000593-08-8	47
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	47
5	2-Hexadecanone	240	C16H32O	018787-63-8	45





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Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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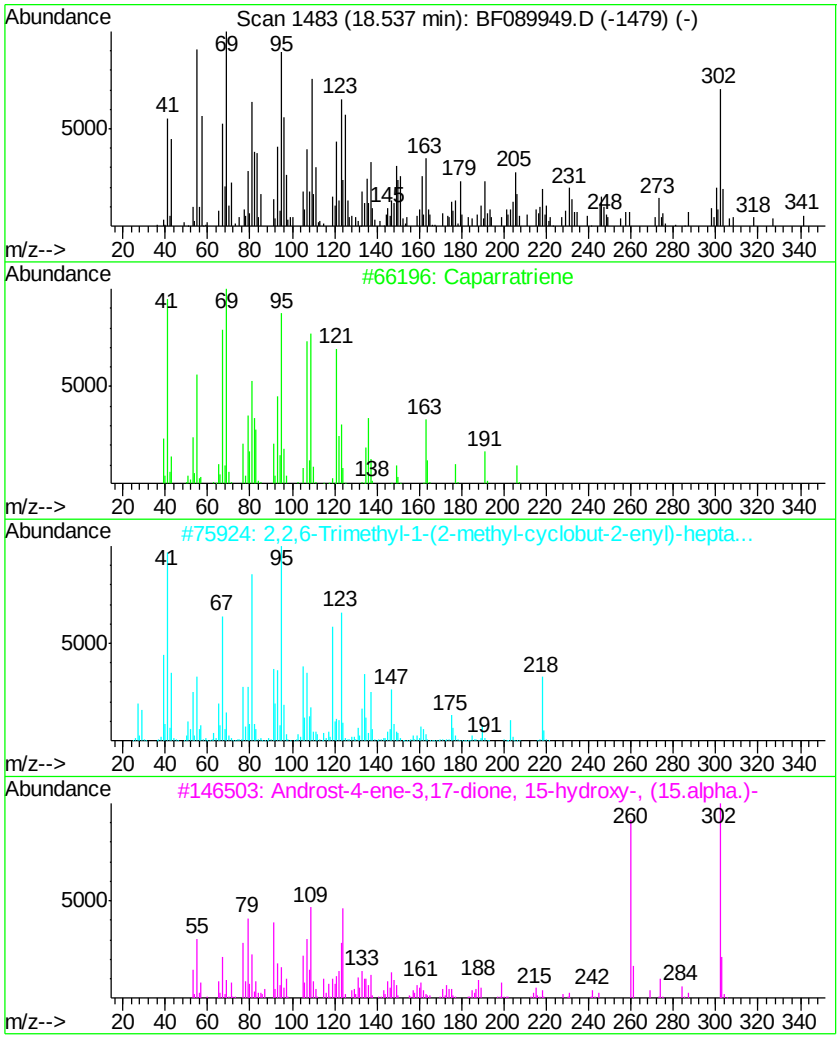
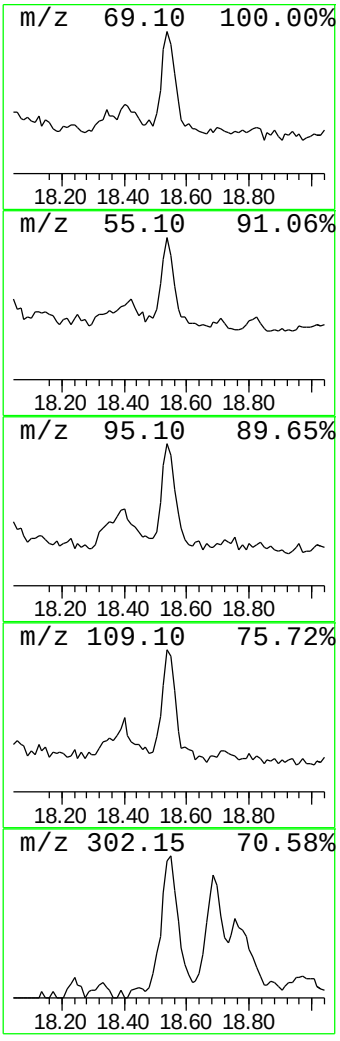
Peak Number 20 unknown18.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	7.36 ng	575526	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caparratriene	206	C15H26	1000374-08-7	43
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	38
3	Androst-4-ene-3,17-dione, 15-hyd...	302	C19H26O3	000566-08-5	38
4	Androst-1-en-3-one, 4,4-dimethyl...	300	C21H32O	054550-04-8	25
5	6-(3-Bromopropyl)-2(1H)-pyridinone	215	C8H10BrNO	101773-69-7	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089949.D
Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 415LSB4(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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...	4.78	21.9	ng	1623120	1	6.64	1480090	20.0
unknown6.40	6.40	75.1	ng	5558190	1	6.64	1480090	20.0
n-Hexadecanoic acid	11.69	4.6	ng	452019	4	11.13	1975610	20.0
Octadecyl trifluo...	13.63	5.8	ng	709416	5	13.75	2436200	20.0
Heptadecyl heptaf...	14.26	8.0	ng	968024	5	13.75	2436200	20.0
Octadecanal	14.67	3.0	ng	236098	6	15.10	1564050	20.0
17-Pentatriacontene	14.86	11.0	ng	858004	6	15.10	1564050	20.0
Heneicosane	15.53	6.2	ng	484874	6	15.10	1564050	20.0
9-Tricosene, (Z)-	15.58	5.5	ng	432648	6	15.10	1564050	20.0
unknown15.63	15.63	2.8	ng	220976	6	15.10	1564050	20.0
Oxirane, hexadecyl-	16.19	5.2	ng	406190	6	15.10	1564050	20.0
unknown16.47	16.47	8.3	ng	653361	6	15.10	1564050	20.0
1-Docosanethiol	16.53	4.7	ng	367083	6	15.10	1564050	20.0
Oxirane, 3-ethyl-...	16.59	4.8	ng	377051	6	15.10	1564050	20.0
unknown18.54	18.54	7.4	ng	575526	6	15.10	1564050	20.0