LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

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-BF063016.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	1.667	5	7	15	rVV	105740	232952	14.41%	1.324%
2	1.781	15	17	36	rVB	1033486	1616044	100.00%	9.187%
3	2.821	106	108	117	rBV2	8343	17058	1.06%	0.097%
4	4.833	282	284	288	rBV	102469	139162	8.61%	0.791%
5	4.981	289	297	301	rBV	12042	46001	2.85%	0.261%
6	5.290	321	324	326	rBV	1100991	1278401	79.11%	7.267%
7	6.341	413	416	419	rBV	1083813	1140486	70.57%	6.483%
8	6.456	424	426	429	rBV	1034939	1193372	73.85%	6.784%
9	6.684	444	446	448	rBV	303635	290897	18.00%	1.654%
10	6.844	458	460	462	rVB	1192224	970306	60.04%	5.516%
11	7.256	493	496	498	rBV	811323	744325	46.06%	4.231%
12	7.976	557	559	561	rBV	436723	381715	23.62%	2.170%
13	9.050	650	653	655	rBV	1387130	1146057	70.92%	6.515%
14	9.450	685	688	690	rVB	147931	176984	10.95%	1.006%
15	9.725	709	712	714	rBV	303512	341984	21.16%	1.944%
16	10.502	778	780	783	rVB2	522069	566917	35.08%	3.223%
17	10.639	789	792	796	rVB	21143	30812	1.91%	0.175%
18	10.719	796	799	801	rBV3	19359	40211	2.49%	0.229%
19	10.765	801	803	806	rVB3	17963	23967	1.48%	0.136%
20	10.868	806	812	815	rBV6	17564	59423	3.68%	0.338%
21	11.085	829	831	832	rBV2	37315	50575	3.13%	0.287%
22	11.165	837	838	839	rBV	23407	22215	1.37%	0.126%
23	11.199	839	841	842	rVV	356926	352300	21.80%	2.003%
24	11.222	842	843	844	rVV	57292	40547	2.51%	0.230%
25	11.268	844	847	849	rVB2	55808	69950	4.33%	0.398%
26	11.428	859	861	864	rBV3	24733	27996	1.73%	0.159%
27	11.508	867	868	872	rVV2	31738	39833	2.46%	0.226%
28	11.599	875	876	878	rVB	19744	18684	1.16%	0.106%
29	11.702	878	885	886	rBV	25764	60476	3.74%	0.344%
30	11.748	887	889	890	rVV	91868	87230	5.40%	0.496%
31	11.805	892	894	898	rVB2	27521	42950	2.66%	0.244%
32	12.011	908	912	915	rBV3	16848	28049	1.74%	0.159%
33	12.251	931	933	934	rBV2	17880	28428	1.76%	0.162%
34	12.331	938	940	941	rVV	23266	27774	1.72%	0.158%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.399	944	946	948	rBV	233131	197422	12.22%	1.122%
36	12.468	948	952	953	rBV4	7996	19882	1.23%	0.113%
37	12.628	963	966	967	rBV	156002	165618	10.25%	0.941%
38	12.662	967	969	973	rVB	33611	53727	3.32%	0.305%
39	12.776	977	979	982	rVV	836720	922590	57.09%	5.245%
40	12.845	982	985	989	rVV4	15981	38654	2.39%	0.220%
41	13.062	1002	1004	1007	rBV2	24251	37936	2.35%	0.216%
42	13.234	1017	1019	1020	rBV	20834	30455	1.88%	0.173%
43	13.256	1020	1021	1023	rVB	85003	65901	4.08%	0.375%
44	13.565	1046	1048	1050	rBV2	23292	36255	2.24%	0.206%
45	13.691	1056	1059	1061	rBV2	98858	163290	10.10%	0.928%
46	13.816	1067	1070	1076	rBV2	364522	498168	30.83%	2.832%
47	14.011	1085	1087	1088	rBV	26937	35245	2.18%	0.200%
48	14.125	1095	1097	1099	rBV2	29902	40707	2.52%	0.231%
49	14.319	1111	1114	1116	rBV	123772	210088	13.00%	1.194%
50	14.582	1135	1137	1138	rBV	47628	57185	3.54%	0.325%
51	14.731	1148	1150	1153	rVB	154520	137806	8.53%	0.783%
52	14.811	1155	1157	1163	rVB	56044	93087	5.76%	0.529%
53	14.902	1163	1165	1170	rBV2	322995	622833	38.54%	3.541%
54	15.131	1183	1185	1188	rVB	54491	69196	4.28%	0.393%
55	15.188	1188	1190	1192	rBV	166650	207782	12.86%	1.181%
56	15.417	1207	1210	1212	rBV	185348	265067	16.40%	1.507%
57	15.622	1225	1228	1230	rBV	644996	938802	58.09%	5.337%
58	15.668	1230	1232	1235	rVB	103950	169371	10.48%	0.963%
59	16.308	1285	1288	1292	rVB2	69550	126086	7.80%	0.717%
60	16.468	1300	1302	1308	rVB2	31960	86530	5.35%	0.492%
61	16.571	1308	1311	1313	rBV	60460	114215	7.07%	0.649%
62	16.628	1314	1316	1321	rVB5	39325	95973	5.94%	0.546%
63	16.983	1344	1347	1351	rBV2	78635	161872	10.02%	0.920%
64	17.165	1361	1363	1370	rVB2	66924	139617	8.64%	0.794%
65	17.371	1379	1381	1386	rBV4	31559	96519	5.97%	0.549%
66	17.474	1388	1390	1394	rVB2	54612	126021	7.80%	0.716%
67	17.874	1421	1425	1431	rVB	86884	233476	14.45%	1.327%

Sum of corrected areas: 17591457

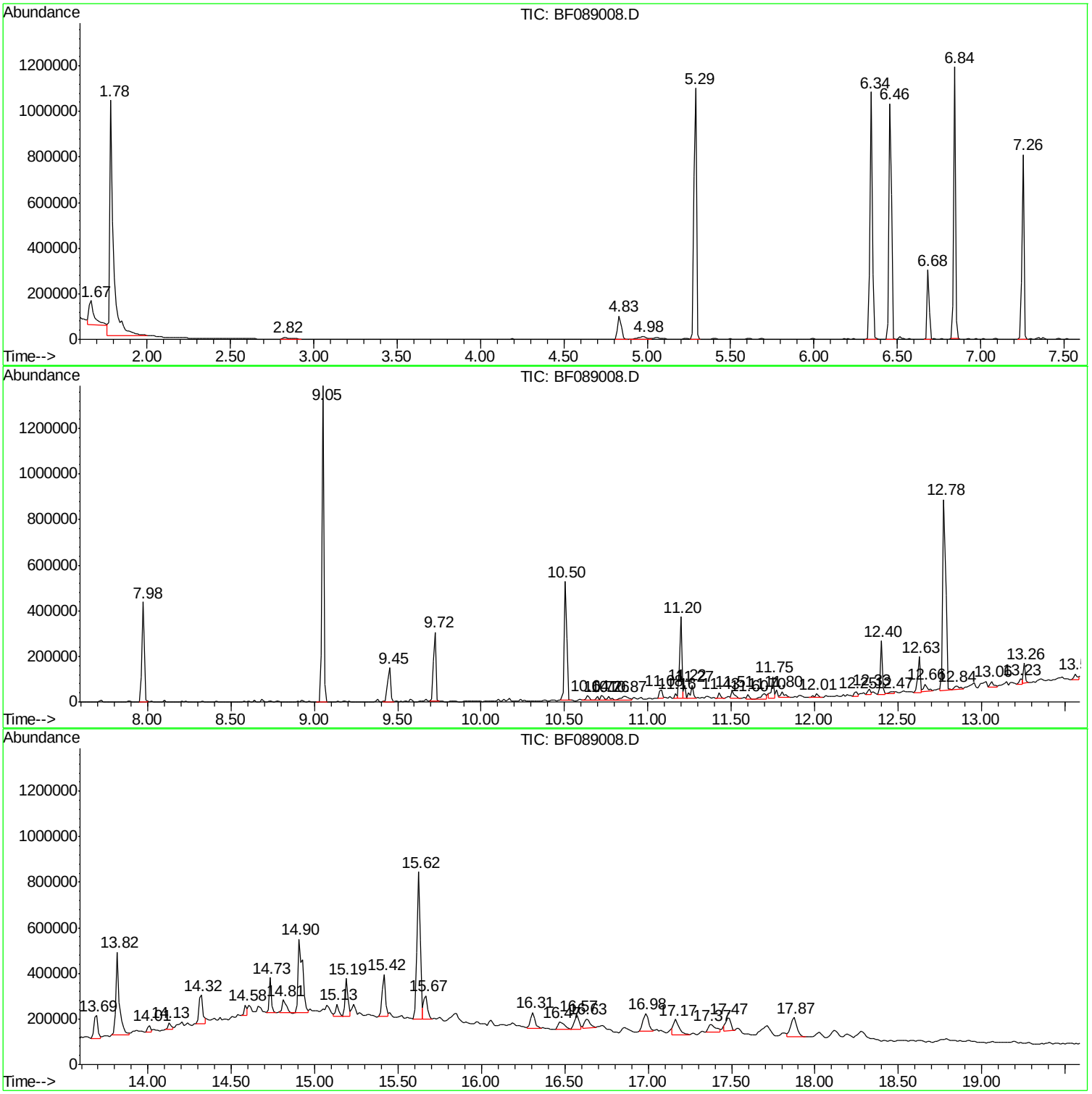
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
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Sample : H3995-05
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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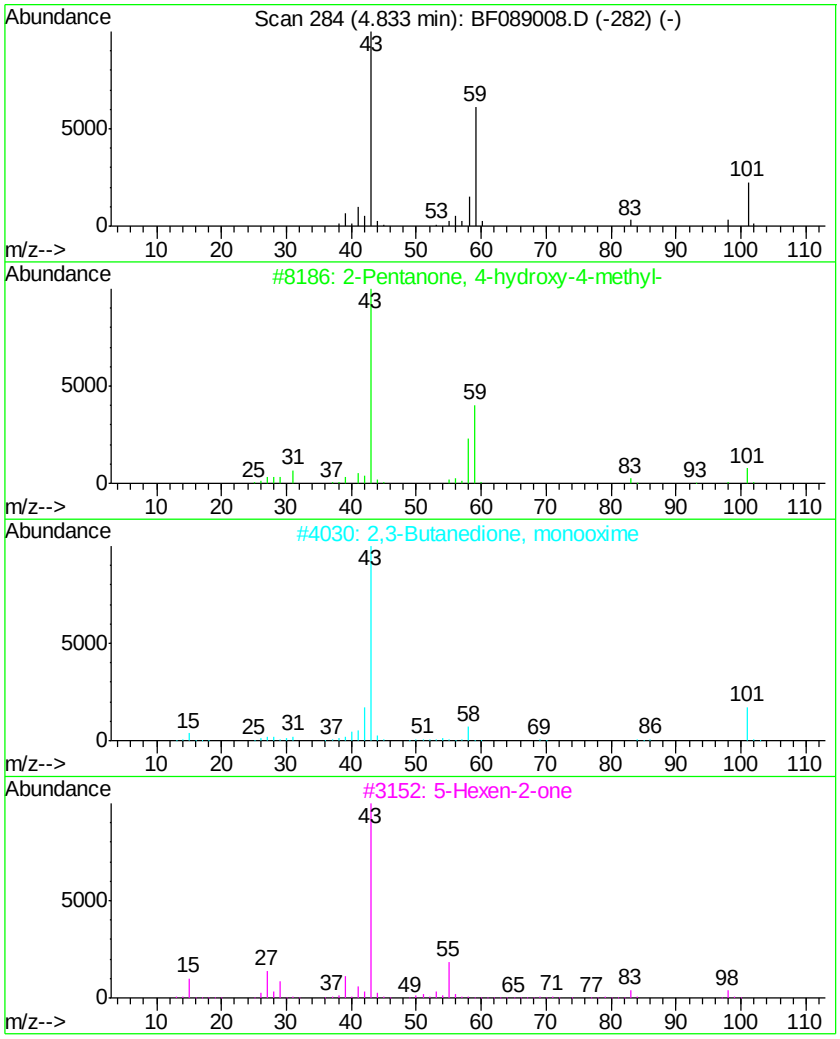
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

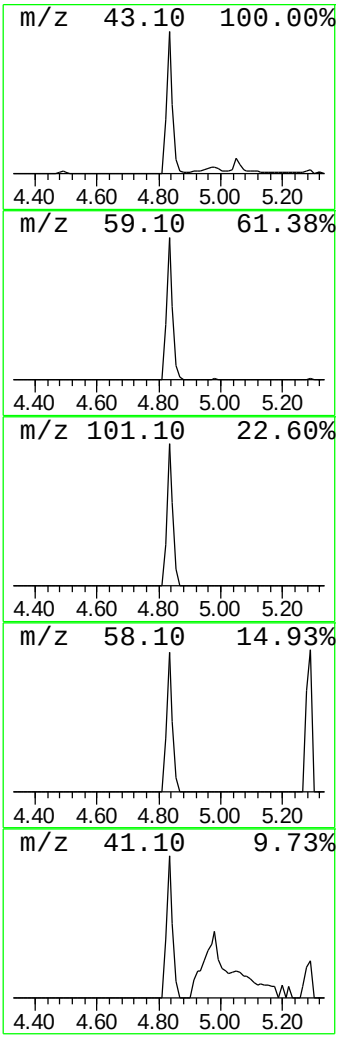
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	9.57 ng	139162	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

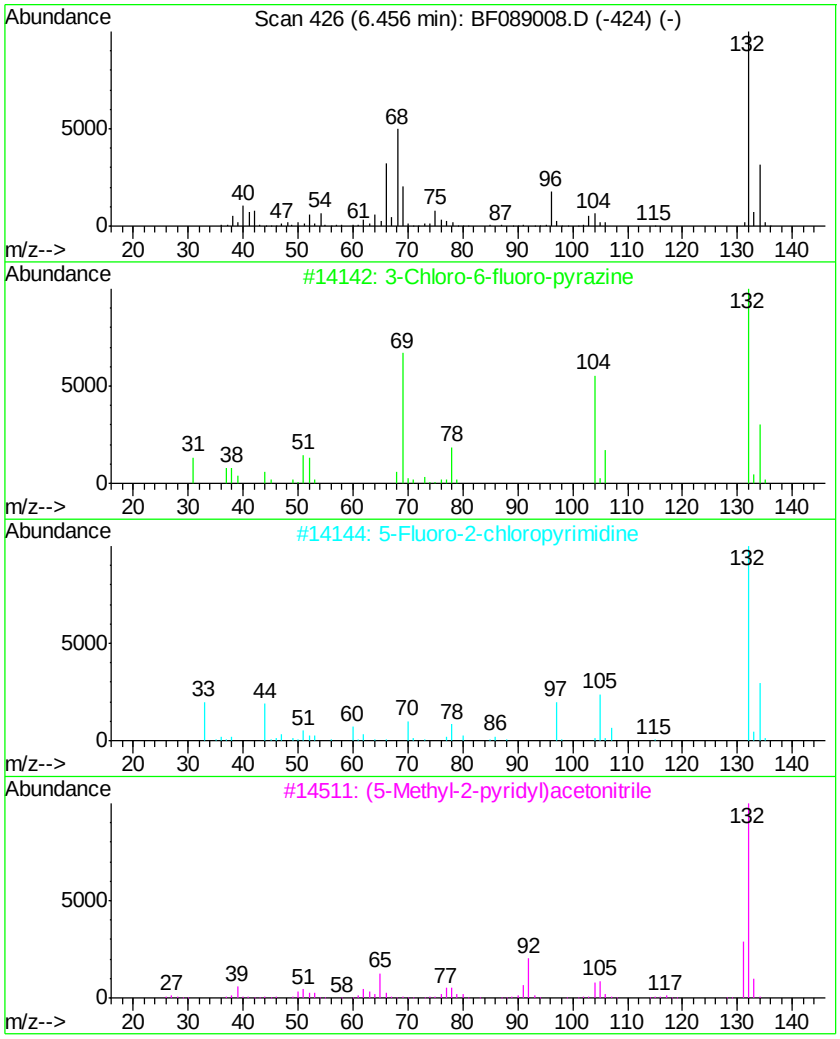
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

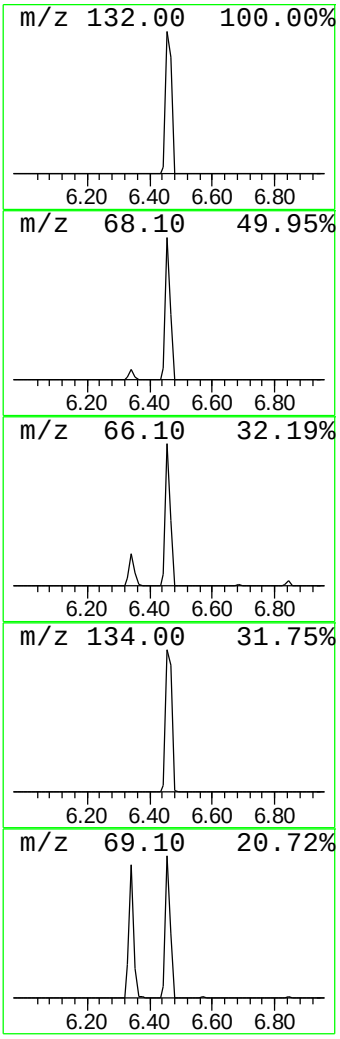
****

Peak Number 4 unknown6.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	82.05 ng	1193370	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
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Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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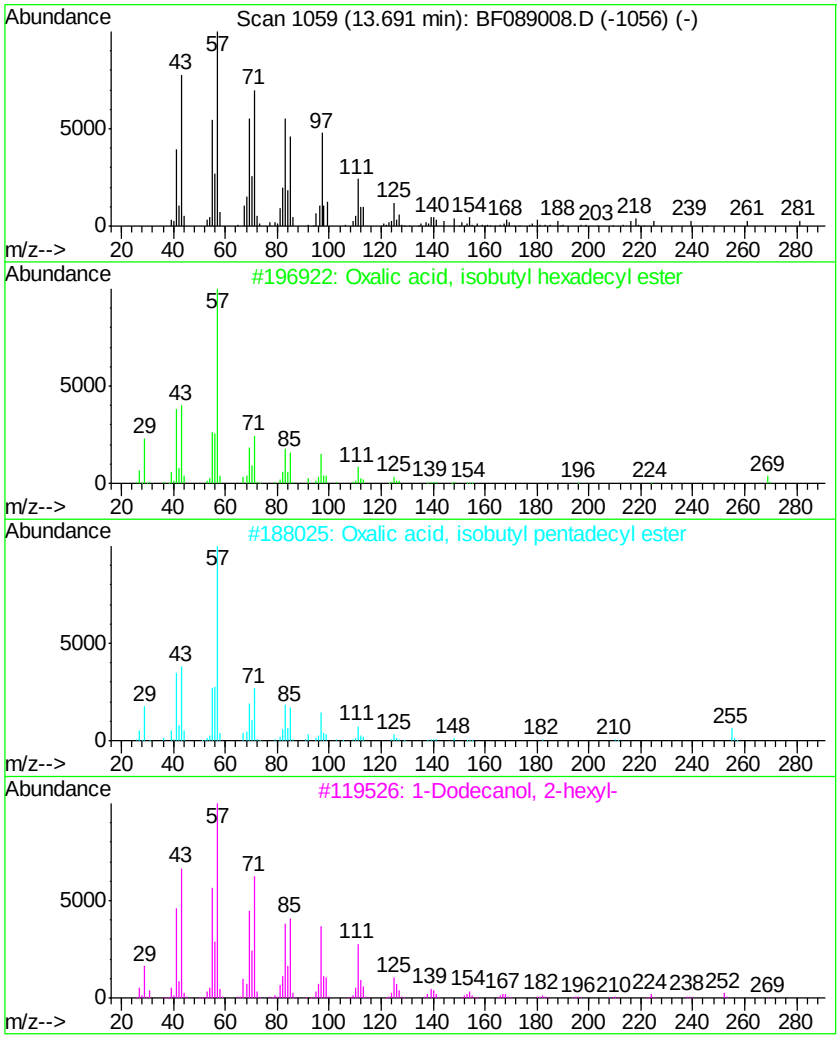
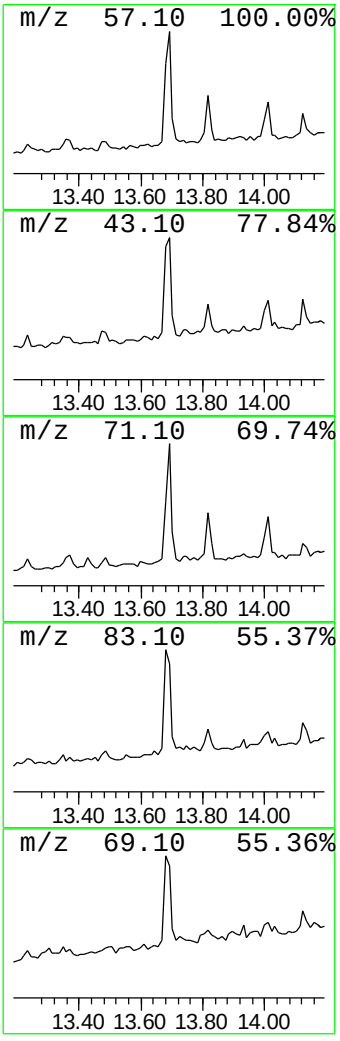
Peak Number 6 Oxalic acid, isobutyl hexad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	6.56 ng	163290	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

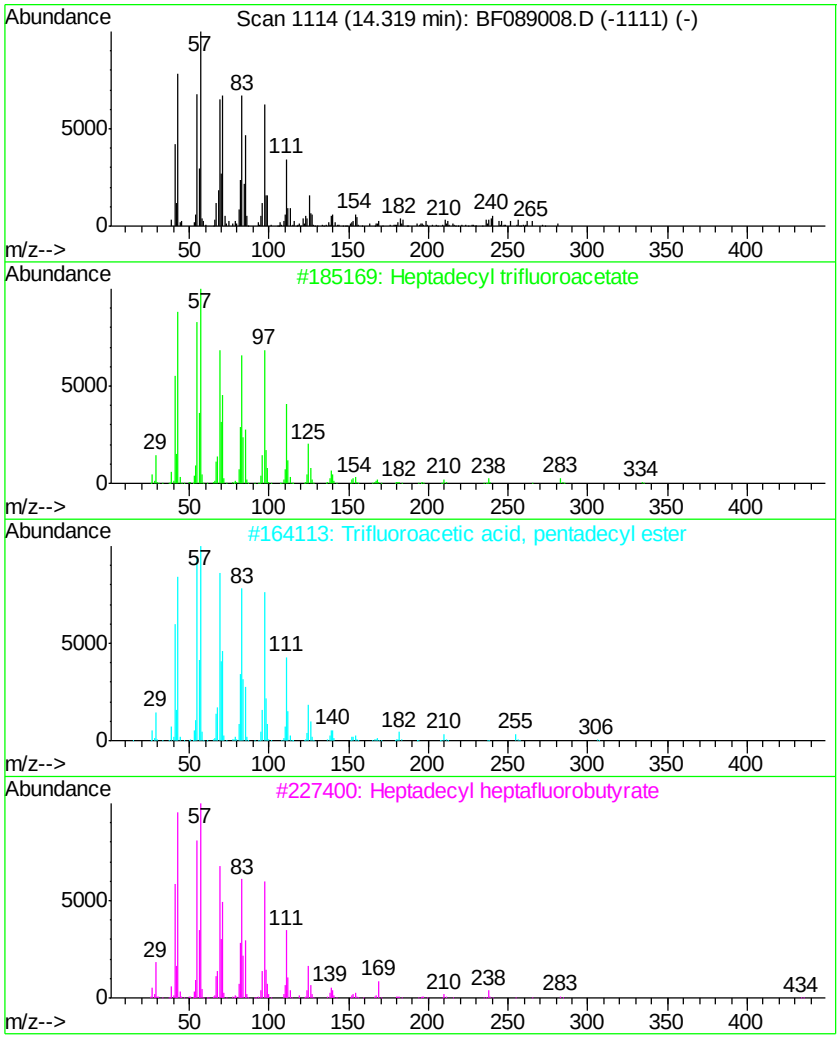
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

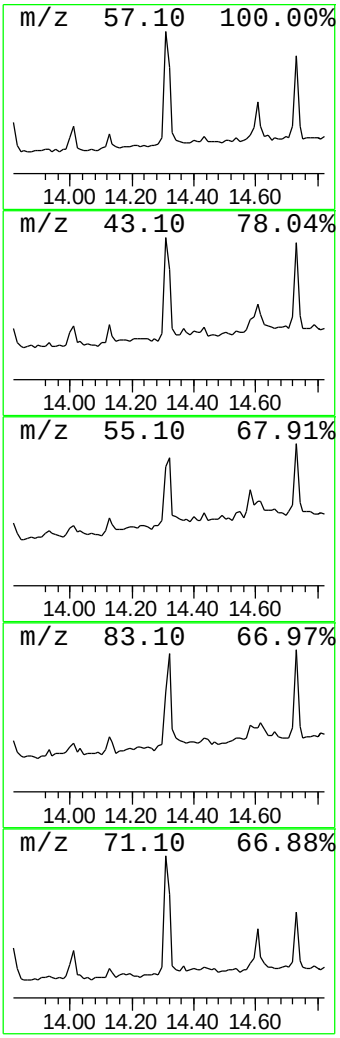
****

Peak Number 7 Heptadecyl trifluoroacetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	8.43 ng	210088	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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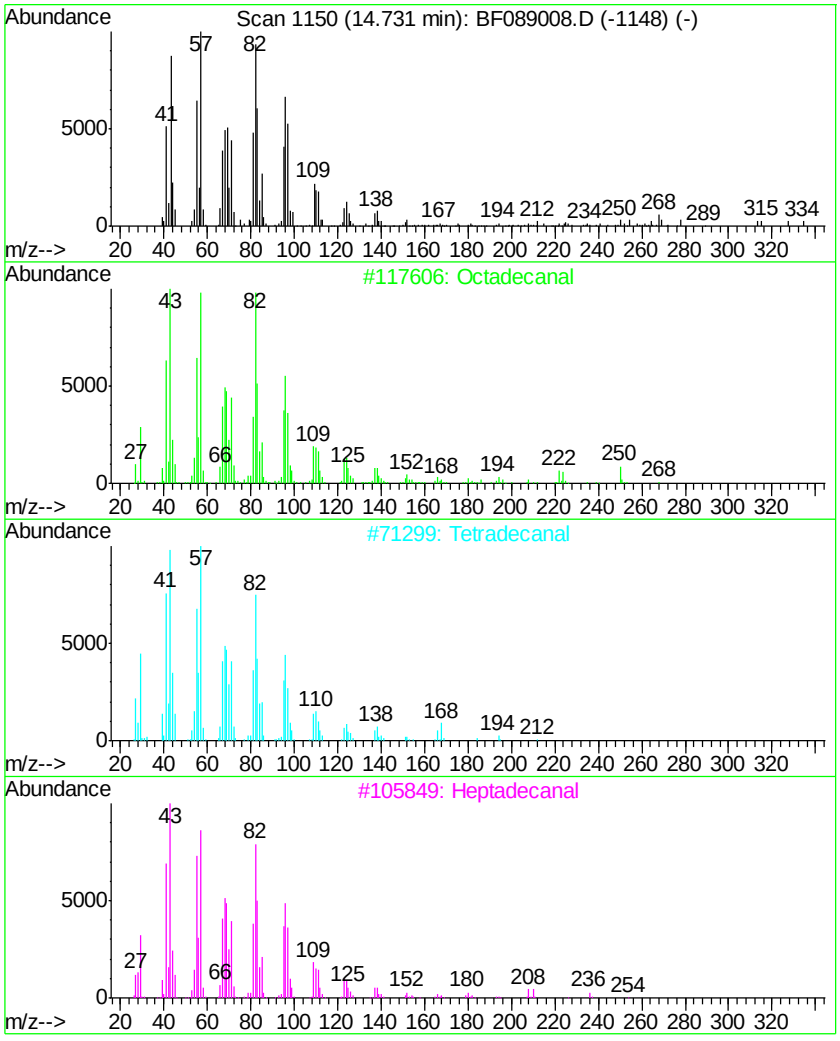
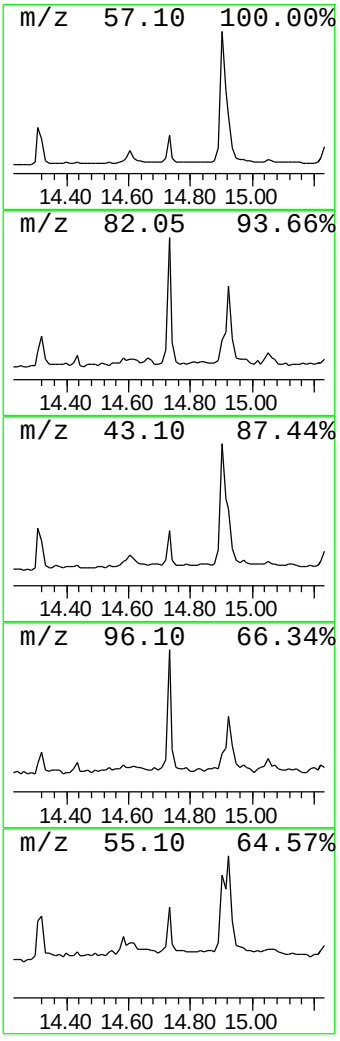
Peak Number 8 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.26 ng	137806	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Tetradecanal	212	C14H28O	000124-25-4	91
3	Heptadecanal	254	C17H34O	1000376-70-0	90
4	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	90
5	16-Heptadecenal	252	C17H32O	1000144-57-9	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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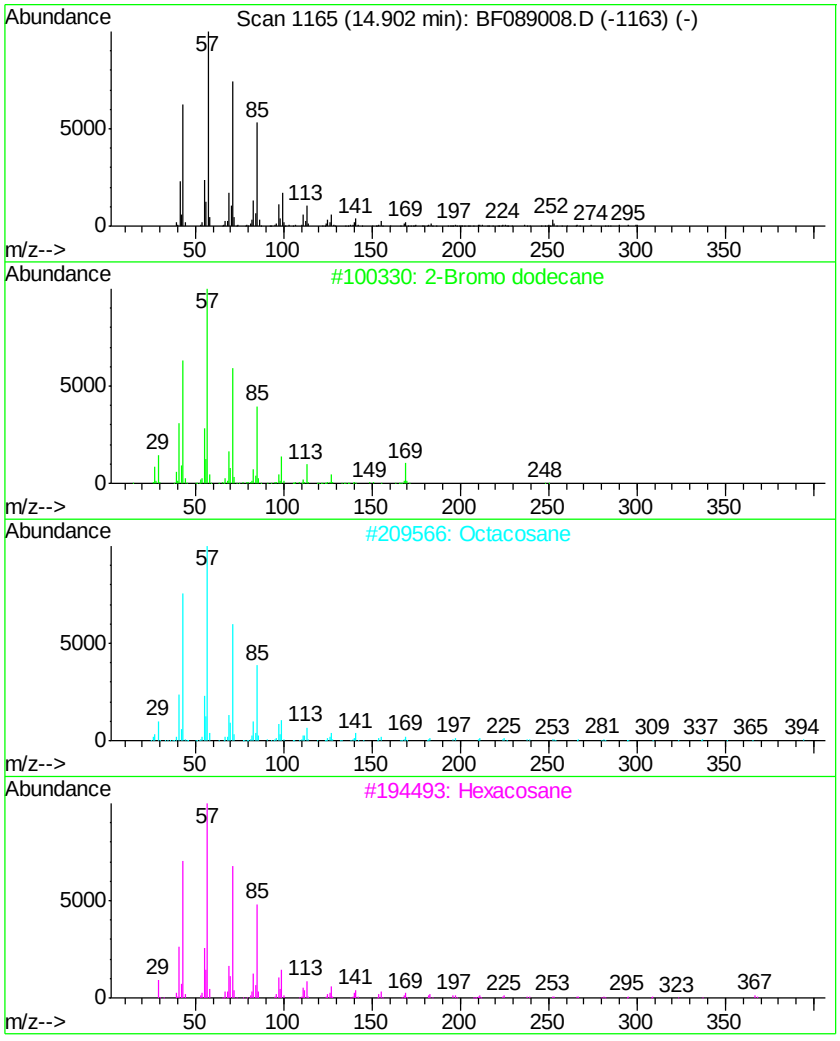
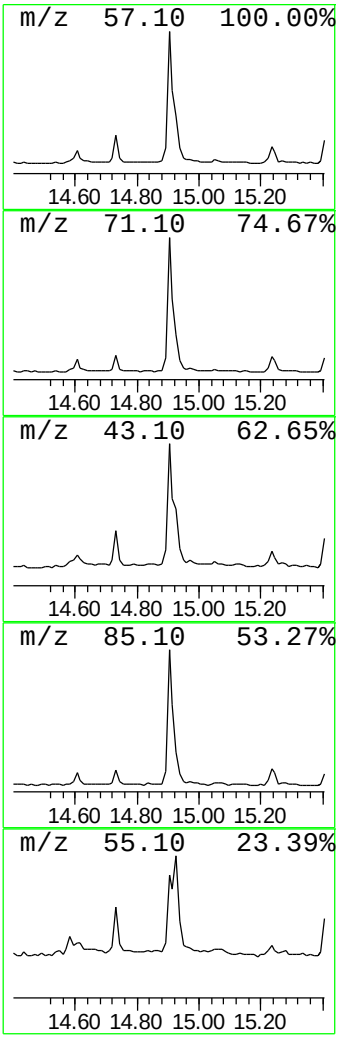
Peak Number 9 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	59.95 ng	622833	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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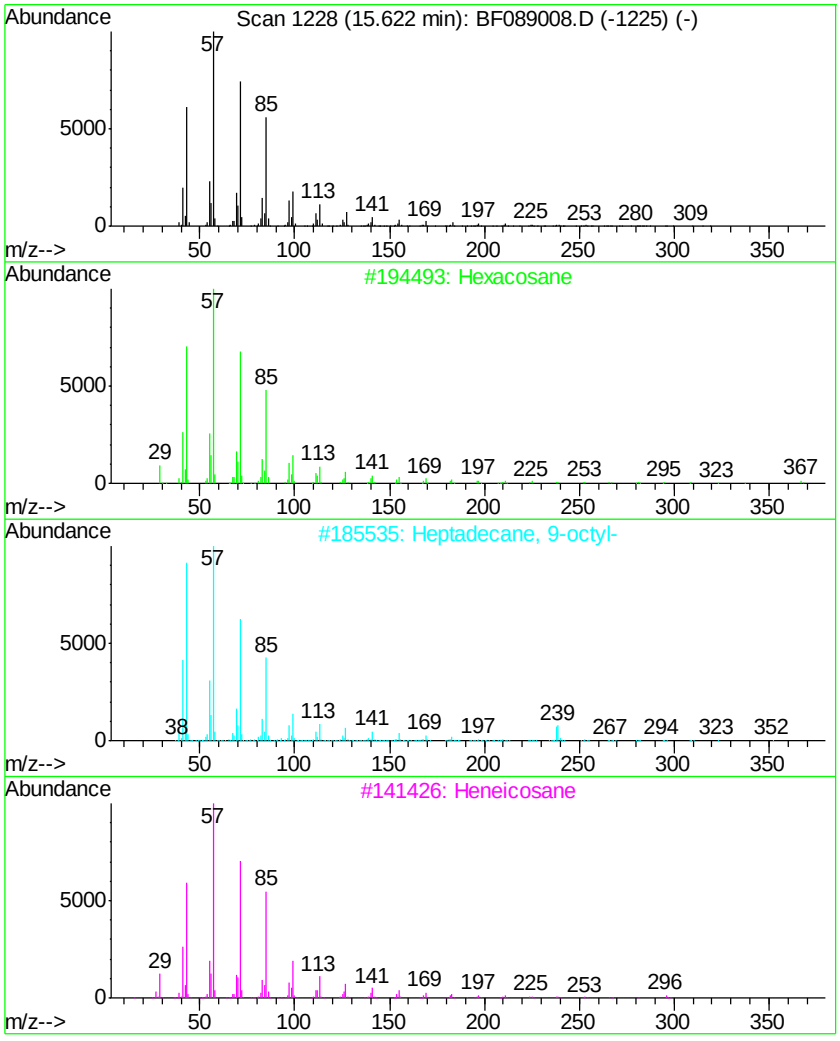
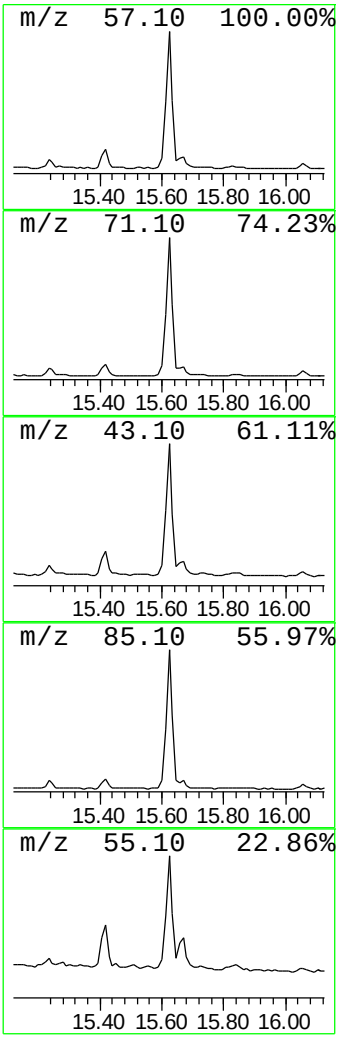
Peak Number 11 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	90.36 ng	938802	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

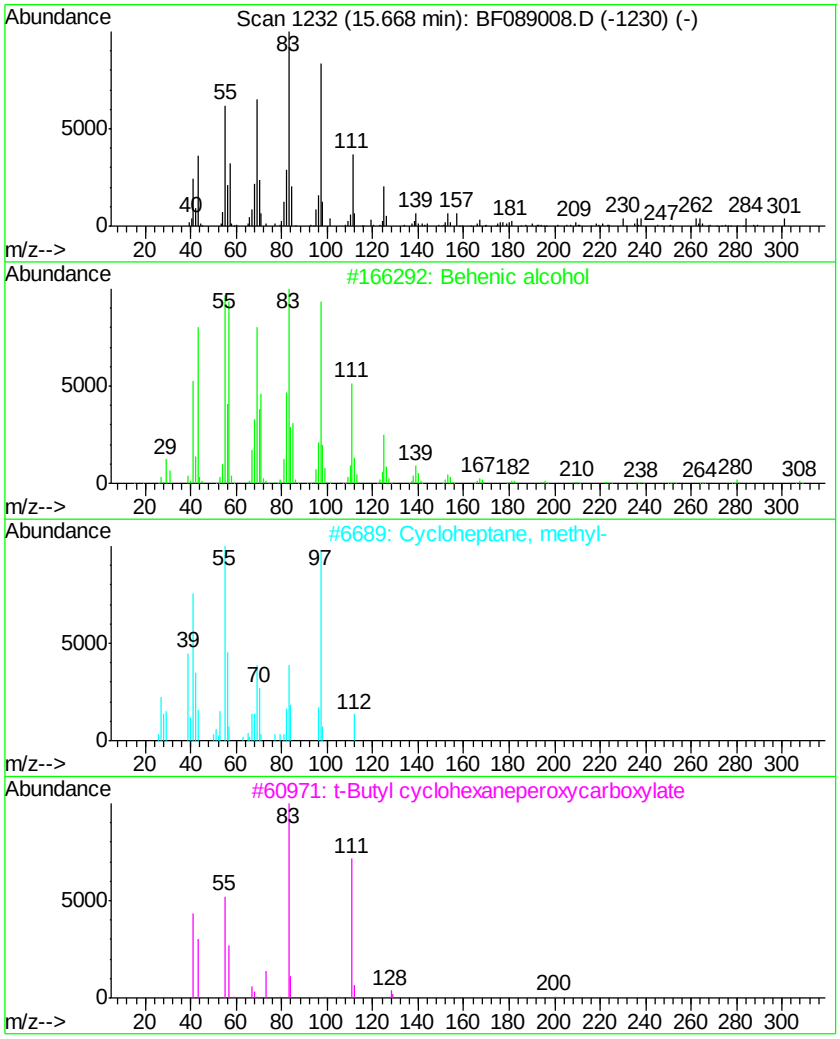
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

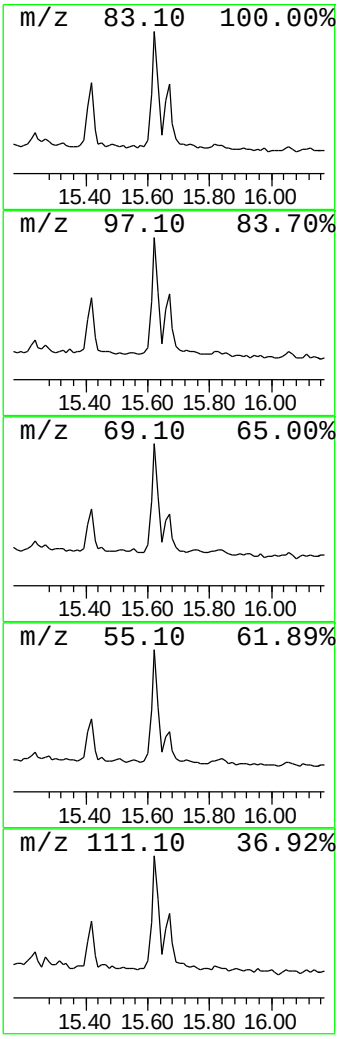
****

Peak Number 12 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	16.30 ng	169371	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	58
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	35
3	t-Butyl cyclohexaneperoxycarboxy...	200	C11H20O3	020396-49-0	35
4	Cyclohexanecarboxylic acid, 2-ch...	190	C9H15ClO2	1000330-87-6	27
5	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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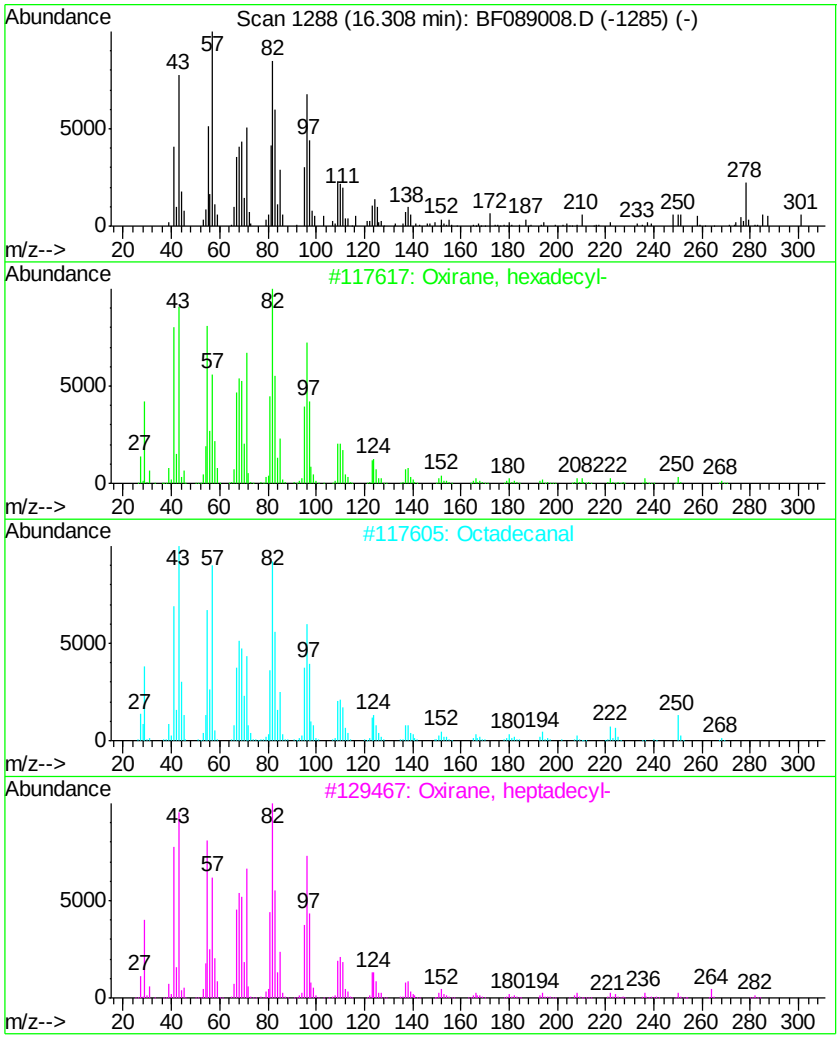
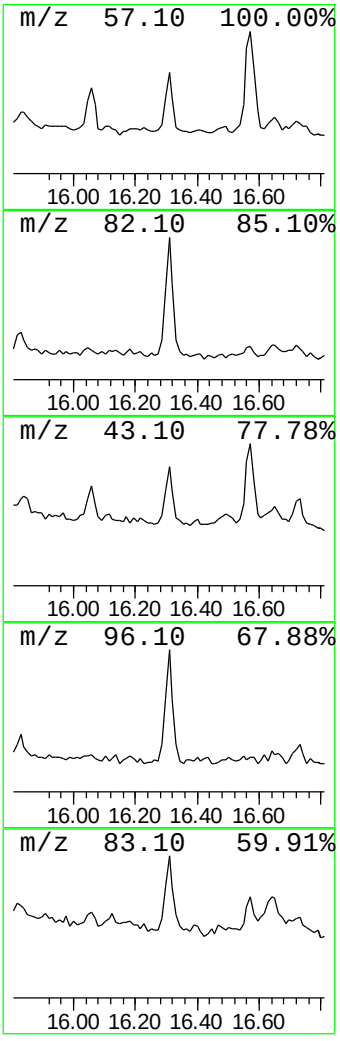
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	12.14 ng	126086	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	Octadecanal	268	C18H36O	000638-66-4	87
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
4	1,19-Eicosadiene	278	C20H38	014811-95-1	83
5	13-Octadecenal	266	C18H34O	056554-90-6	80





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Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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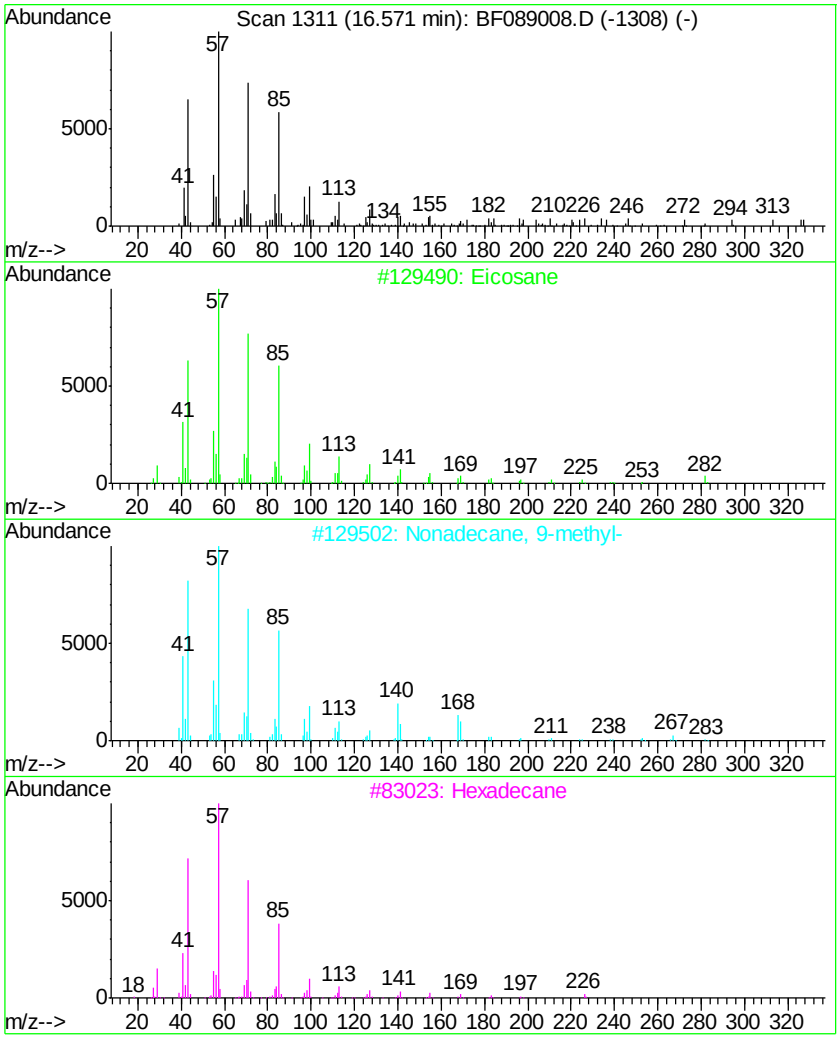
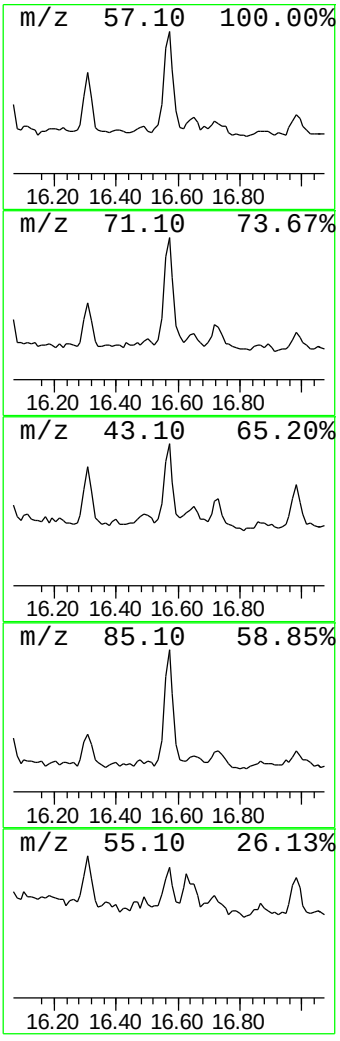
Peak Number 14 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	10.99 ng	114215	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexacosane	366	C26H54	000630-01-3	81
5	Heneicosane	296	C21H44	000629-94-7	81





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Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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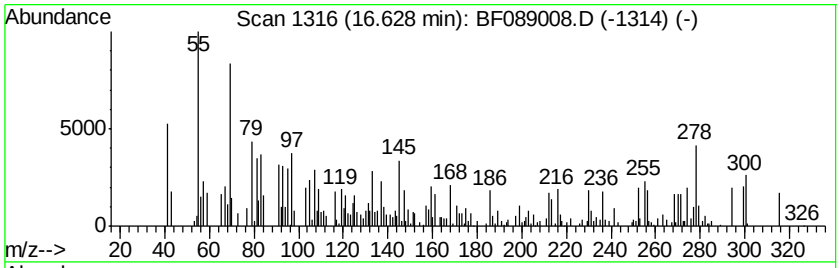
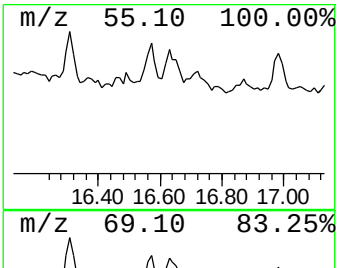
Peak Number 15 unknown16.63 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	9.24 ng	95973	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Phenylthio)acetic acid, 2-ethyl...	278	C16H22O2S	1000308-35-6	32
2	Pyrrolo[1,2-b][1,2,4]oxadiazole-...	276	C15H20N2OS	050455-65-7	22
3	Diethylmalonic acid, monochlorid...	268	C14H17ClO3	1000369-64-8	18
4	Acetic acid, 2-[4-(4-oxo-2-thiox...	256	C13H12N4O2	1000265-00-3	14
5	2H-1-Benzopyran-7-ol, 3,4-dihydr...	256	C16H16O3	039828-25-6	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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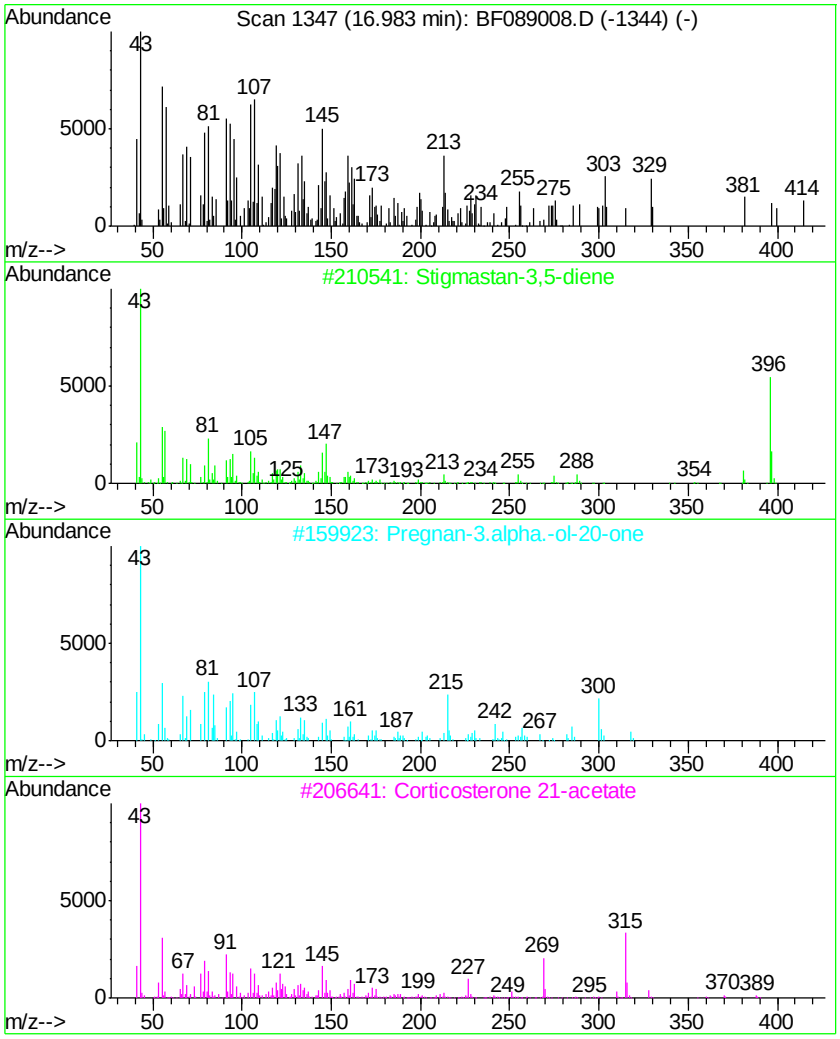
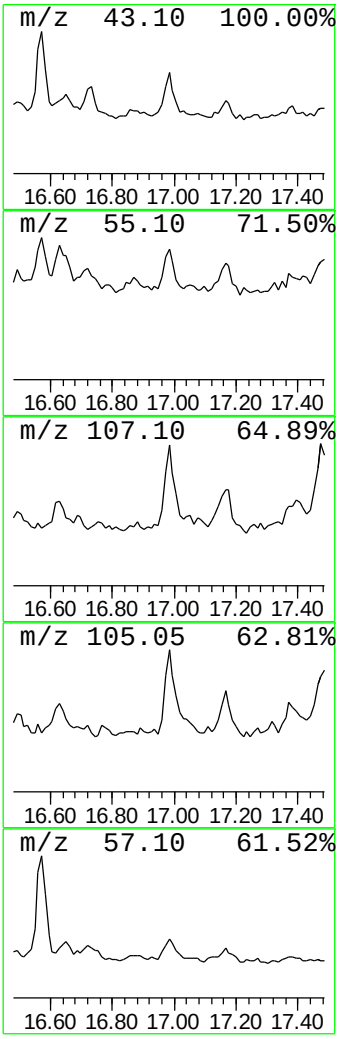
Peak Number 16 unknown16.98 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	15.58 ng	161872	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	38
2	Pregnan-3.alpha.-ol-20-one	318	C21H34O2	000128-20-1	32
3	Corticosterone 21-acetate	388	C23H32O5	001173-26-8	16
4	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	12
5	Stanolone Acetate	332	C21H32O3	1000379-14-9	12





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Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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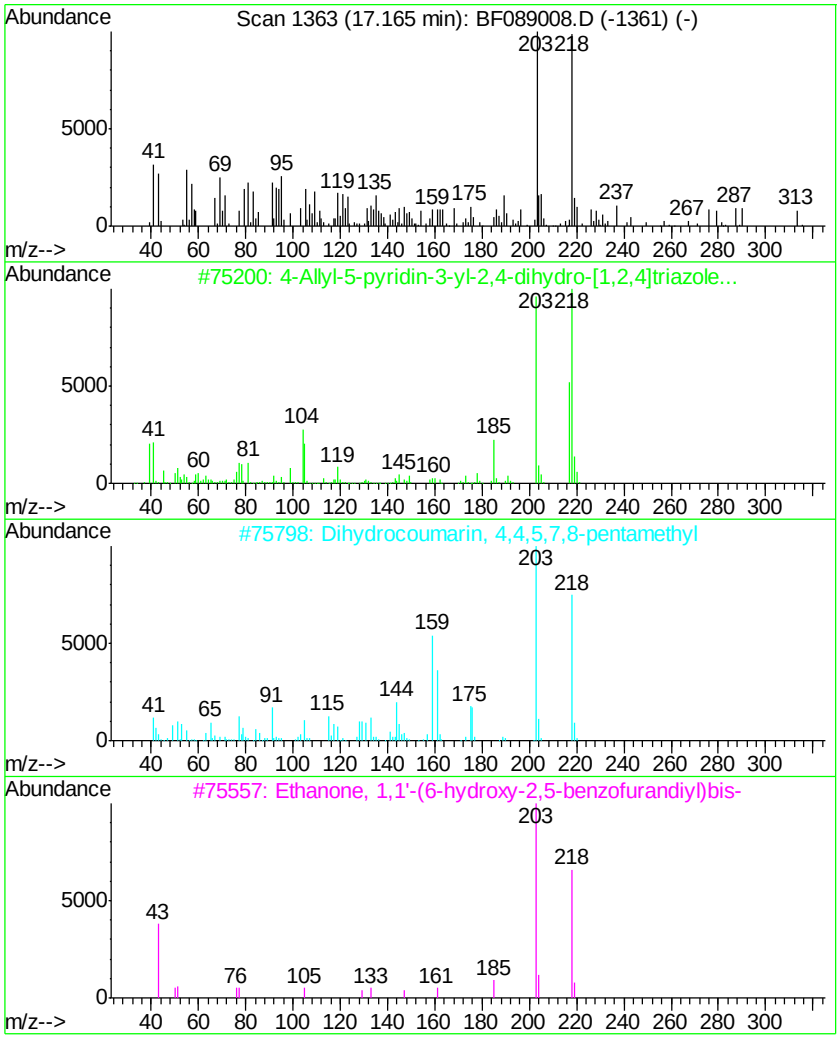
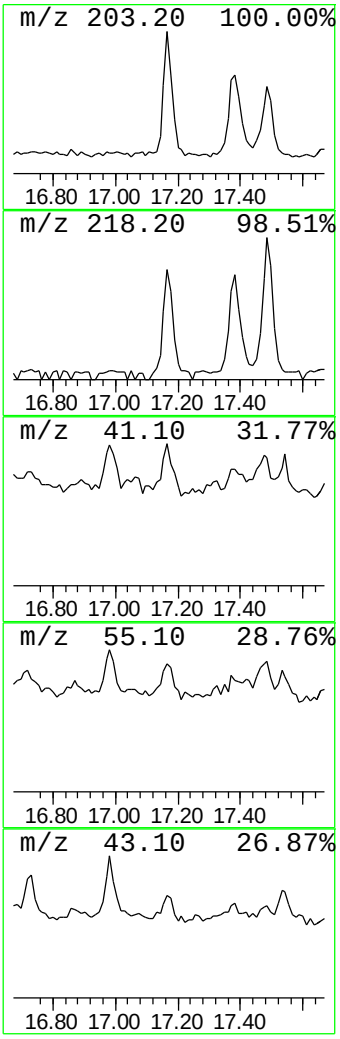
Peak Number 17 4-Allyl-5-pyridin-3-yl-2,4-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	13.44 ng	139617	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	68
2	Dihydrocoumarin, 4,4,5,7,8-penta...	218	C14H18O2	039170-97-3	58
3	Ethanone, 1,1'-(6-hydroxy-2,5-be...	218	C12H10O4	053947-86-7	58
4	Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	58
5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
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Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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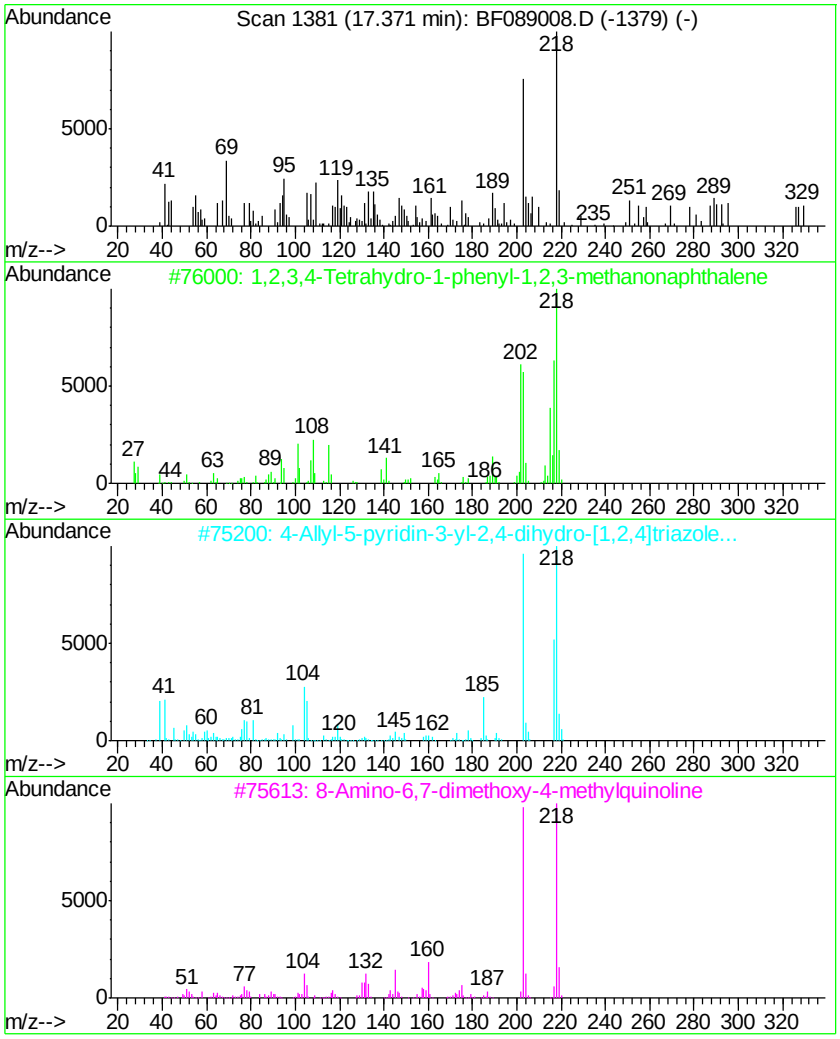
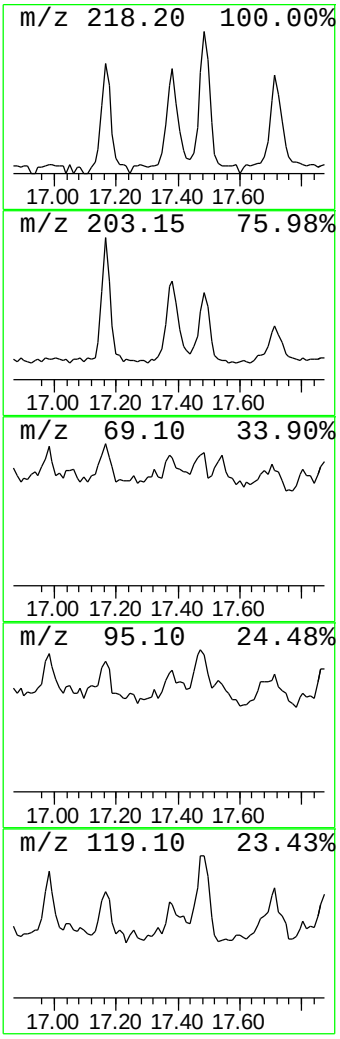
Peak Number 18 1,2,3,4-Tetrahydro-1-phenyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	9.29 ng	96519	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	58
2	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	52
3	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	50
4	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	50
5	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	47





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Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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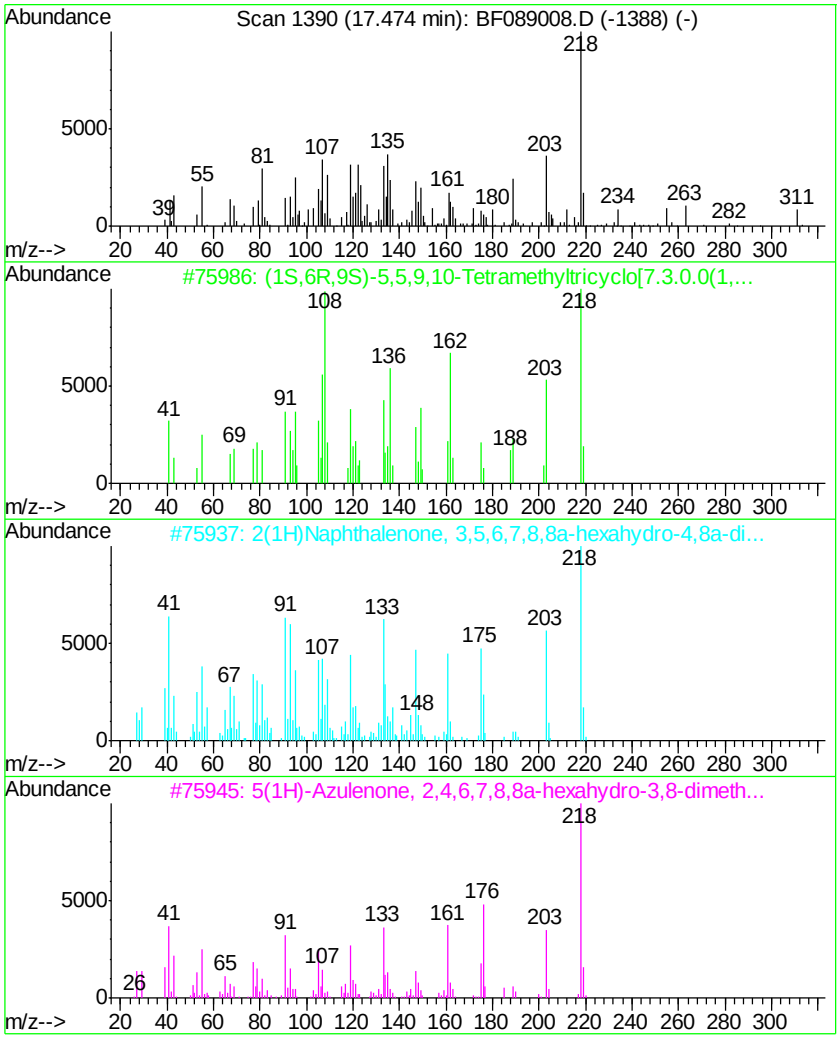
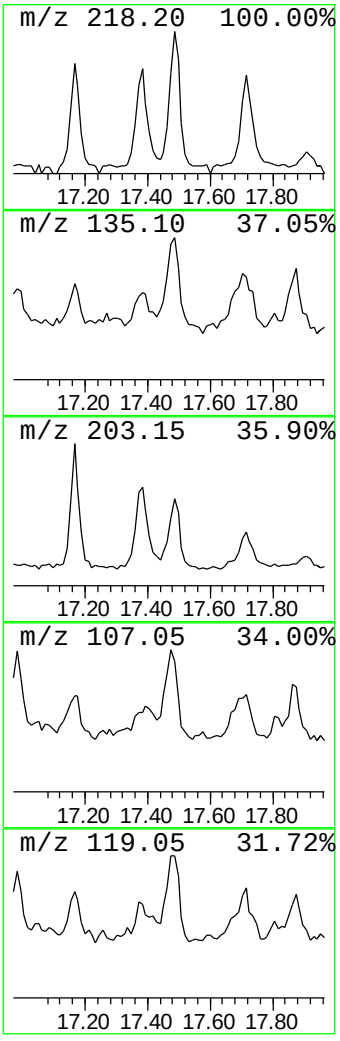
Peak Number 19 unknown17.47 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	12.13 ng	126021	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	47
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	43
3	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	43
4	1,4-Naphthoquinone, 2-ethyl-5,8-...	218	C12H10O4	015012-53-0	43
5	5-Adamantan-1-yl-2H-pyrazol-3-ol	218	C13H18N2O	1000274-32-3	42





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Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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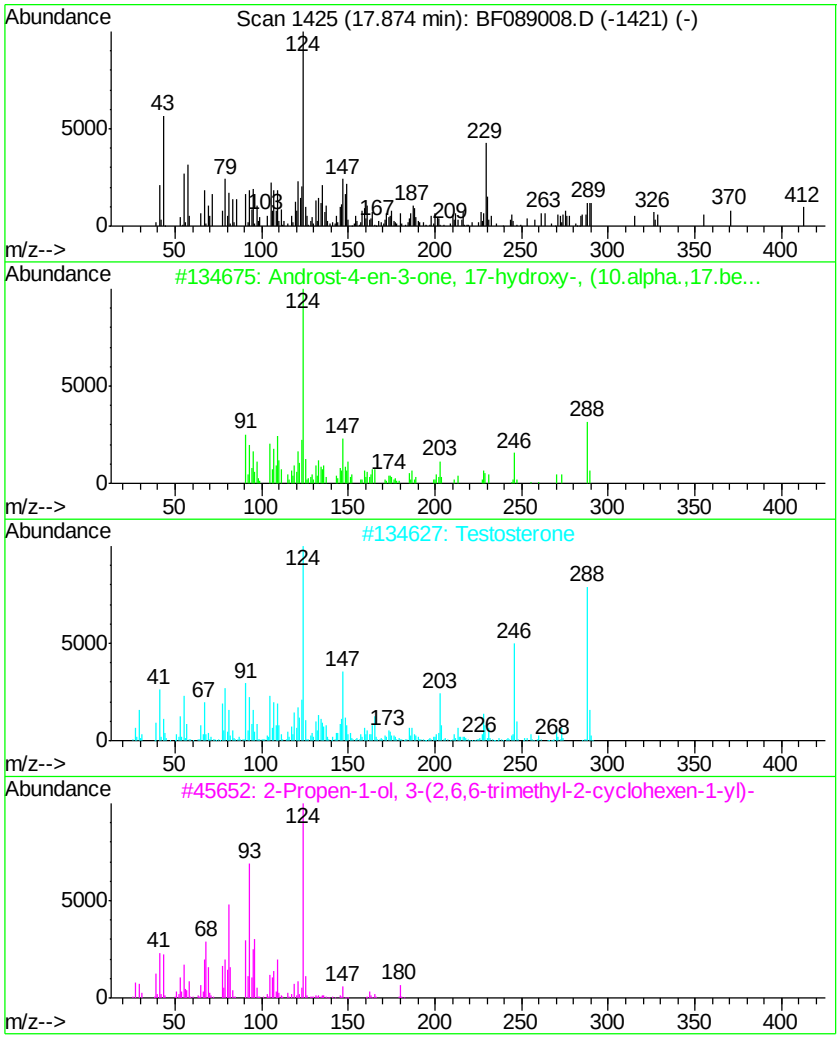
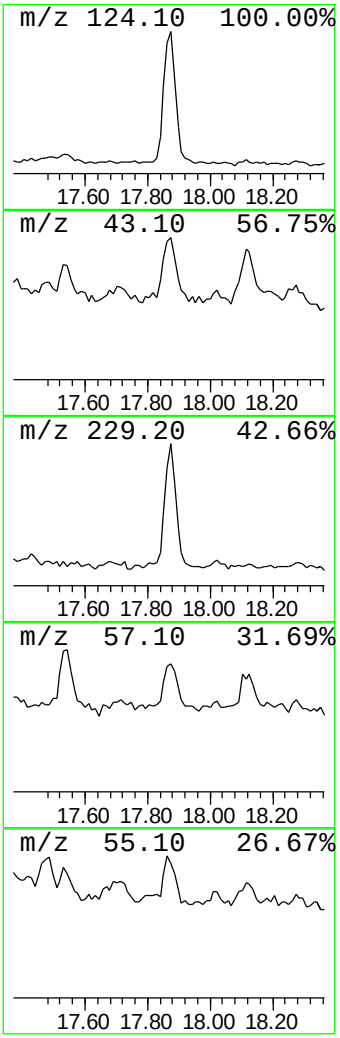
Peak Number 20 Androst-4-en-3-one, 17-hydr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	22.47 ng	233476	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	66
2	Testosterone	288	C19H28O2	000058-22-0	64
3	2-Propen-1-ol, 3-(2,6,6-trimethy...	180	C12H20O	029460-67-1	30
4	Benzene, (methylthio)-	124	C7H8S	000100-68-5	25
5	1,3-Propanediol, 2-(3-ethylidene...	328	C20H28N2O2	001850-32-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089008.D
Acq On : 15 Jul 2016 2:21
Operator : UM/SJ
Sample : H3995-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-XD02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.83	9.6	ng	139162	1	6.68	290897	20.0
unknown6.46	6.46	82.0	ng	1193370	1	6.68	290897	20.0
Oxalic acid, isob...	13.69	6.6	ng	163290	5	13.82	498168	20.0
Heptadecyl triflu...	14.32	8.4	ng	210088	5	13.82	498168	20.0
Octadecanal	14.73	13.3	ng	137806	6	15.19	207782	20.0
2-Bromo dodecane	14.90	60.0	ng	622833	6	15.19	207782	20.0
Hexacosane	15.62	90.4	ng	938802	6	15.19	207782	20.0
Behenic alcohol	15.67	16.3	ng	169371	6	15.19	207782	20.0
Oxirane, hexadecyl-	16.31	12.1	ng	126086	6	15.19	207782	20.0
Eicosane	16.57	11.0	ng	114215	6	15.19	207782	20.0
unknown16.63	16.63	9.2	ng	95973	6	15.19	207782	20.0
unknown16.98	16.98	15.6	ng	161872	6	15.19	207782	20.0
4-Allyl-5-pyridin...	17.17	13.4	ng	139617	6	15.19	207782	20.0
1,2,3,4-Tetrahydr...	17.37	9.3	ng	96519	6	15.19	207782	20.0
unknown17.47	17.47	12.1	ng	126021	6	15.19	207782	20.0
Androst-4-en-3-on...	17.87	22.5	ng	233476	6	15.19	207782	20.0