LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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	1.644	4	5	14	rVV	74330	132750	7.14%	0.559%
2	1.770	14	16	21	rVV	379046	582612	31.33%	2.452%
3	1.838	21	22	28	rVB2	44039	55683	2.99%	0.234%
4	2.032	36	39	49	rVB2	10419	25591	1.38%	0.108%
5	2.215	52	55	57	rBV	20295	24890	1.34%	0.105%
6	4.810	279	282	289	rBV	179226	284571	15.31%	1.198%
7	5.016	289	300	304	rBV2	21129	94752	5.10%	0.399%
8	5.267	319	322	325	rBV	1410500	1482372	79.73%	6.240%
9	5.656	354	356	358	rBV	20251	21599	1.16%	0.091%
10	6.330	412	415	417	rBV	1529794	1722776	92.66%	7.252%
11	6.444	422	425	427	rVB	1852529	1859331	100.00%	7.827%
12	6.661	442	444	447	rBV	366634	375614	20.20%	1.581%
13	6.821	455	458	460	rBV	1343861	1215668	65.38%	5.117%
14	7.233	491	494	497	rBV	913697	911566	49.03%	3.837%
15	7.370	503	506	509	rVB	38357	52593	2.83%	0.221%
16	7.702	533	535	540	rBV	16791	31575	1.70%	0.133%
17	7.953	554	557	559	rBV	603293	523271	28.14%	2.203%
18	8.353	590	592	594	rVB	26474	25493	1.37%	0.107%
19	8.719	622	624	627	rBV	41409	42109	2.26%	0.177%
20	9.039	649	652	654	rBV	1354114	1805646	97.11%	7.601%
21	9.165	661	663	667	rVB2	10397	20398	1.10%	0.086%
22	9.439	684	687	689	rBV	650156	825519	44.40%	3.475%
23	9.565	696	698	700	rVB	31459	25464	1.37%	0.107%
24	9.656	703	706	707	rVB	19680	19885	1.07%	0.084%
25	9.702	707	710	712	rBV	603975	599306	32.23%	2.523%
26	9.736	712	713	716	rVB2	17907	22754	1.22%	0.096%
27	10.090	742	744	745	rBV	21854	19842	1.07%	0.084%
28	10.159	748	750	753	rVB2	31879	52107	2.80%	0.219%
29	10.216	753	755	757	rBV3	31776	34648	1.86%	0.146%
30	10.353	765	767	770	rBV2	11703	21921	1.18%	0.092%
31	10.490	776	779	781	rBV	810970	780086	41.96%	3.284%
32	10.628	787	791	794	rBV2	31120	71168	3.83%	0.300%
33	10.822	804	808	809	rBV	15528	21595	1.16%	0.091%
34	10.845	809	810	811	rBV	21903	20649	1.11%	0.087%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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	11.062	827	829	831	rBV2	78077	90784	4.88%	0.382%
36	11.153	836	837	838	rBV	21214	25759	1.39%	0.108%
37	11.188	838	840	843	rVV2	296578	489555	26.33%	2.061%
38	11.256	843	846	848	rVB2	82492	94232	5.07%	0.397%
39	11.348	852	854	856	rVB2	21562	26596	1.43%	0.112%
40	11.416	858	860	865	rBV	43448	76196	4.10%	0.321%
41	11.496	865	867	871	rVB2	43836	55348	2.98%	0.233%
42	11.588	873	875	877	rVB	29344	34885	1.88%	0.147%
43	11.679	877	883	885	rBV3	38873	96085	5.17%	0.404%
44	11.736	887	888	891	rVV2	138843	242040	13.02%	1.019%
45	11.793	891	893	898	rVB2	50524	79129	4.26%	0.333%
46	11.908	901	903	905	rVB2	17534	25386	1.37%	0.107%
47	11.999	908	911	915	rVB3	25894	51597	2.78%	0.217%
48	12.239	929	932	933	rBV	26212	43974	2.37%	0.185%
49	12.285	933	936	937	rVV2	19059	41074	2.21%	0.173%
50	12.319	937	939	941	rVV2	64246	78538	4.22%	0.331%
51	12.388	943	945	947	rVV	372386	329916	17.74%	1.389%
52	12.468	947	952	955	rBV4	16880	61353	3.30%	0.258%
53	12.525	955	957	959	rBV2	24159	40567	2.18%	0.171%
54	12.616	962	965	967	rBV	254842	263897	14.19%	1.111%
55	12.662	967	969	972	rVB2	41353	61853	3.33%	0.260%
56	12.765	976	978	981	rVB	720563	979094	52.66%	4.121%
57	12.822	981	983	986	rVB2	21584	39020	2.10%	0.164%
58	12.948	990	994	995	rBV	39749	56912	3.06%	0.240%
59	13.016	996	1000	1001	rBV2	44183	75445	4.06%	0.318%
60	13.051	1001	1003	1007	rVB2	43659	61087	3.29%	0.257%
61	13.142	1009	1011	1012	rBV	37596	37410	2.01%	0.157%
62	13.256	1018	1021	1023	rVB	652570	812895	43.72%	3.422%
63	13.325	1025	1027	1028	rBV	84926	92591	4.98%	0.390%
64	13.451	1036	1038	1039	rBV2	26320	27567	1.48%	0.116%
65	13.565	1045	1048	1049	rBV2	28362	52016	2.80%	0.219%
66	13.679	1056	1058	1066	rVB2	121788	179719	9.67%	0.757%
67	13.816	1067	1070	1075	rVB2	957209	1209168	65.03%	5.090%
68	14.308	1111	1113	1118	rBV2	117358	208072	11.19%	0.876%
69	14.662	1142	1144	1146	rVB2	74953	78651	4.23%	0.331%
70	14.731	1148	1150	1152	rVB	86537	81232	4.37%	0.342%
71	14.811	1155	1157	1161	rBV	149744	239872	12.90%	1.010%

LSC Area Percent Report

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Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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

72	14.902	1163	1165	1170	rBV2	336077	467503	25.14%	1.968%
73	15.131	1183	1185	1188	rVB	105793	120277	6.47%	0.506%
74	15.188	1188	1190	1193	rBV	196996	268951	14.46%	1.132%
75	15.417	1207	1210	1214	rVB	142505	235525	12.67%	0.991%
76	15.622	1225	1228	1231	rBV	647439	995602	53.55%	4.191%
77	15.668	1231	1232	1235	rVB2	42011	49373	2.66%	0.208%
78	16.308	1286	1288	1293	rVB3	63001	122423	6.58%	0.515%
79	16.468	1300	1302	1307	rVV2	47106	110591	5.95%	0.466%
80	16.571	1309	1311	1313	rVV	42131	76284	4.10%	0.321%
81	16.628	1314	1316	1322	rVB5	53145	139693	7.51%	0.588%
82	16.857	1333	1336	1341	rVB	45473	115842	6.23%	0.488%
83	16.983	1344	1347	1351	rVB2	76920	181271	9.75%	0.763%
84	17.405	1381	1384	1388	rBV6	42099	128281	6.90%	0.540%
85	17.874	1421	1425	1431	rVB2	77513	219708	11.82%	0.925%
86	18.125	1443	1447	1450	rBV2	63366	179560	9.66%	0.756%

Sum of corrected areas: 23756203

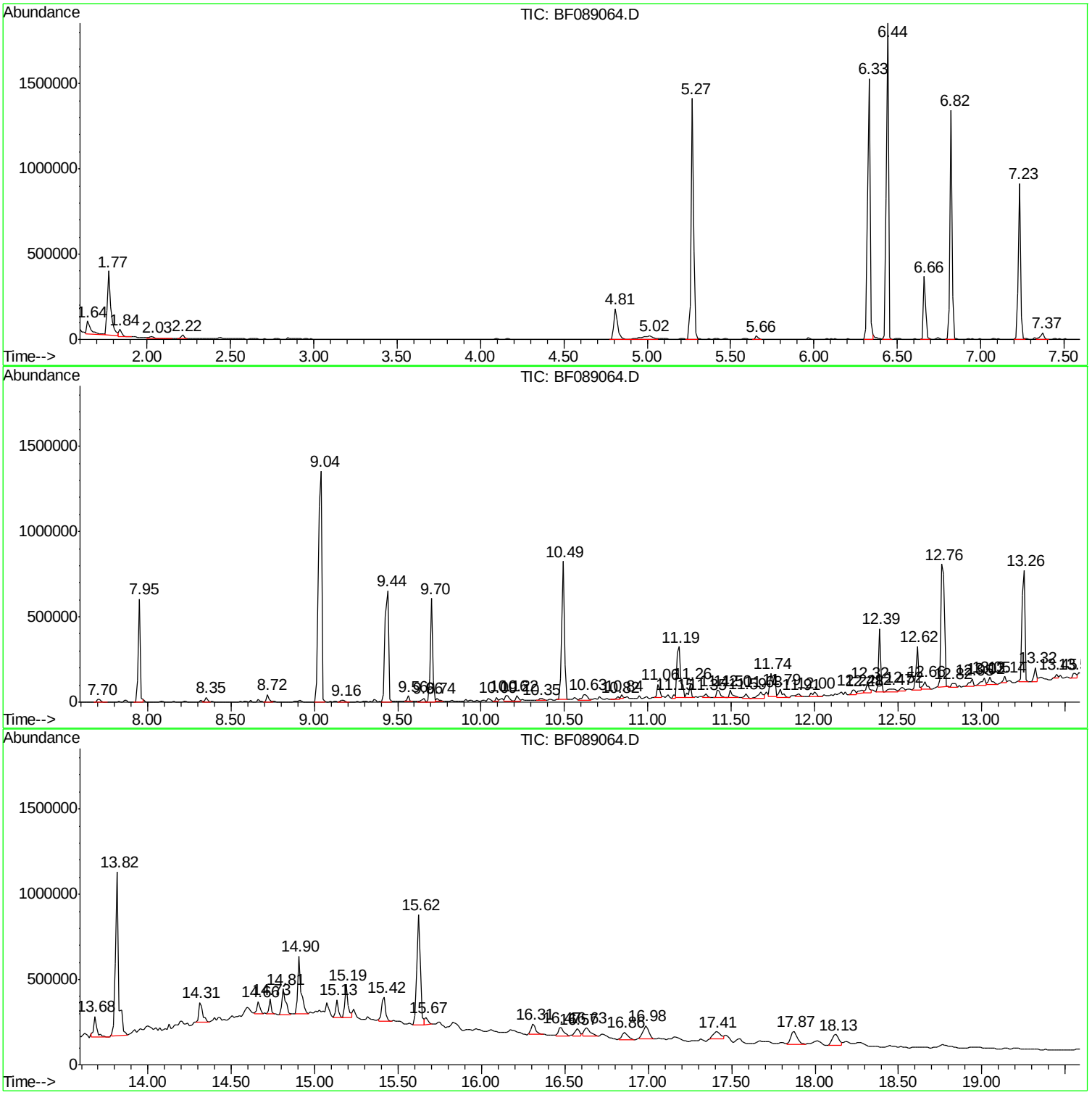
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB07(0-2in)

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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

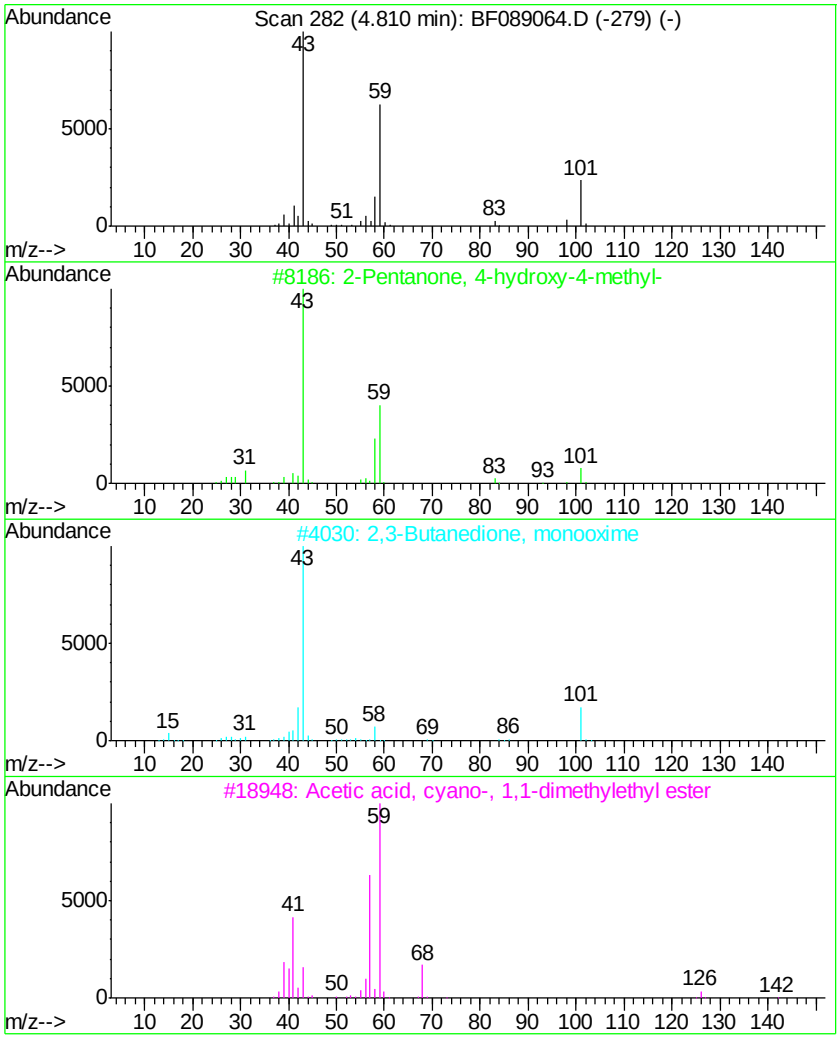
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

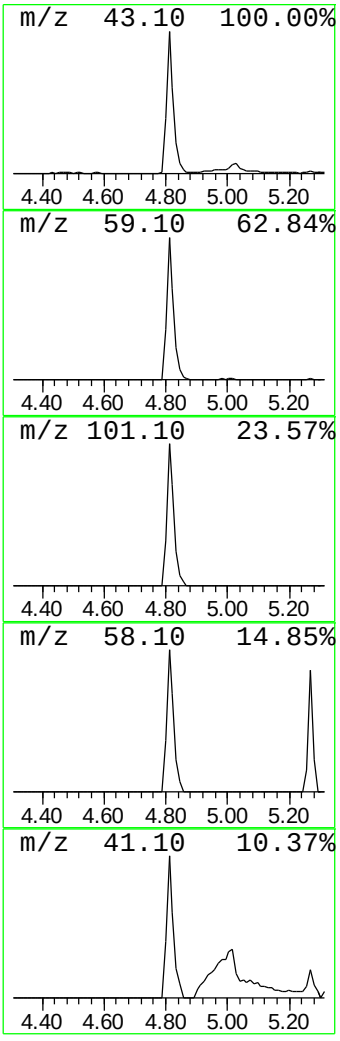
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	15.15 ng	284571	1,4-Dichlorobenzene-d4	6.66

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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

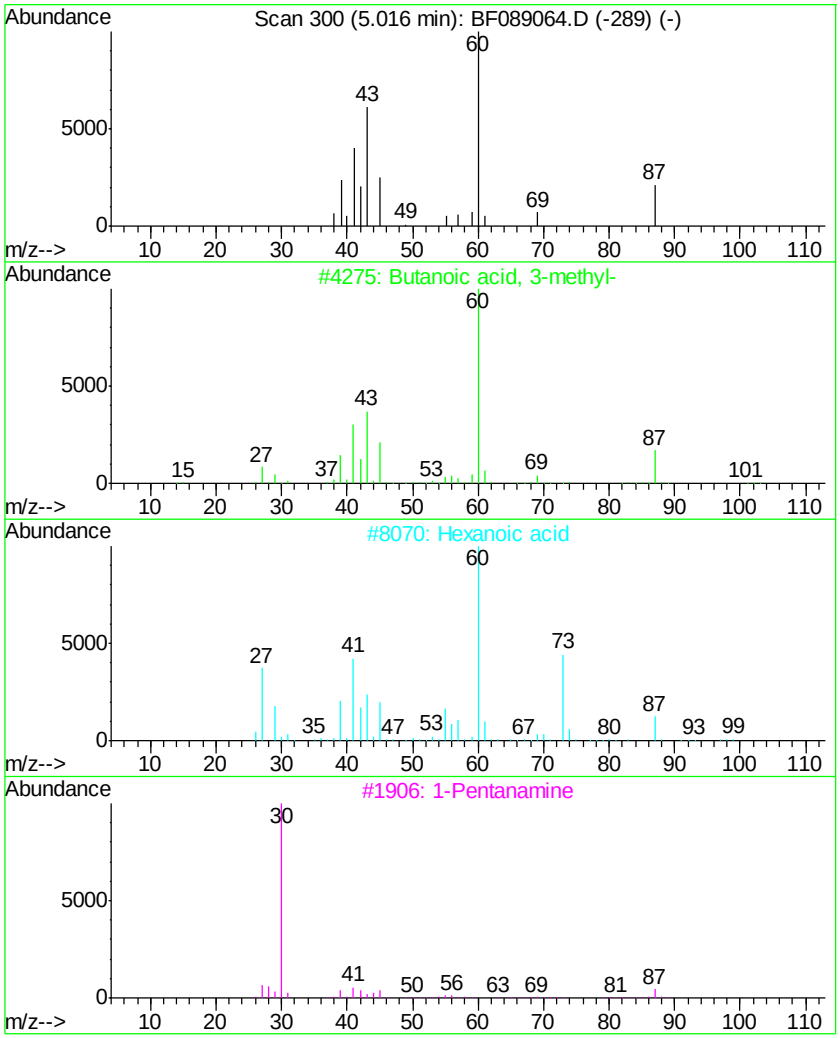
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

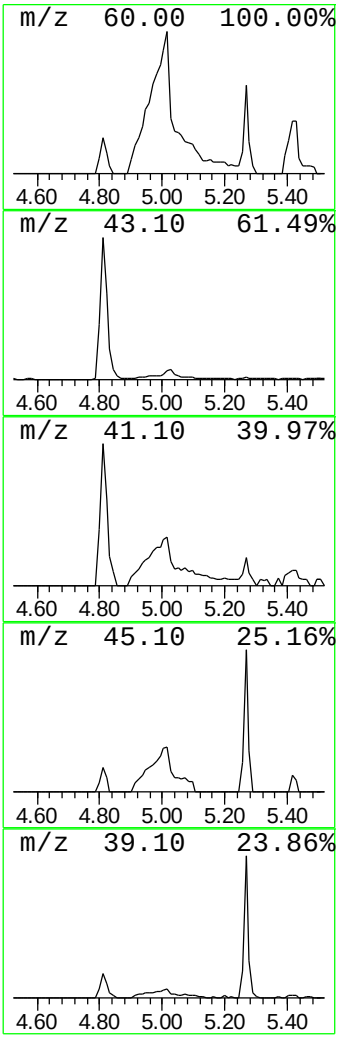
****

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	5.05 ng	94752	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
2	Hexanoic acid	116	C6H12O2	000142-62-1	38
3	1-Pentanamine	87	C5H13N	000110-58-7	22
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	9
5	Formic acid, 2-methylpropyl ester	102	C5H10O2	000542-55-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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

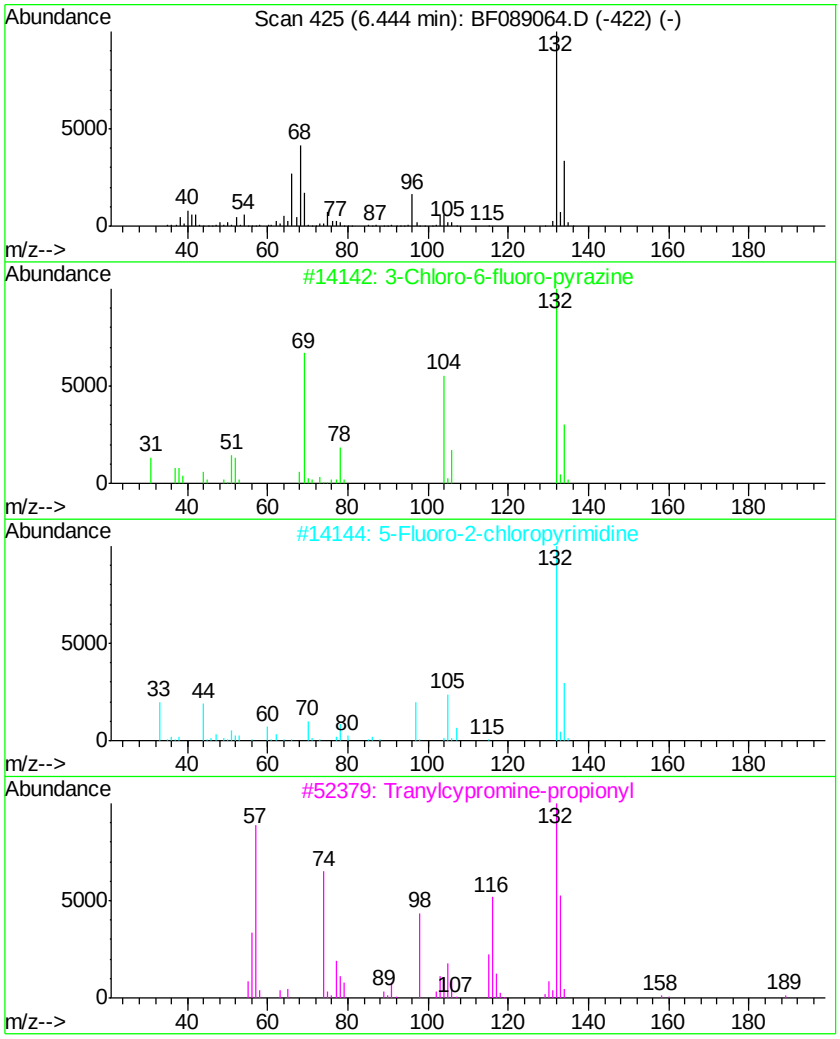
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

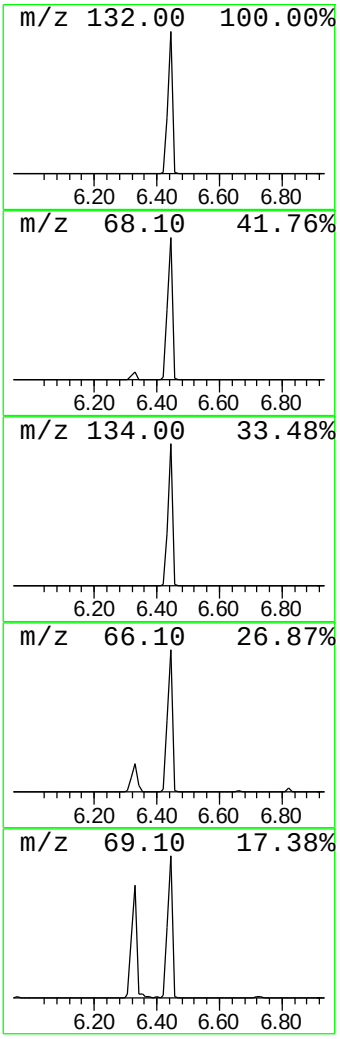
****

Peak Number 5 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	99.00 ng	1859330	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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
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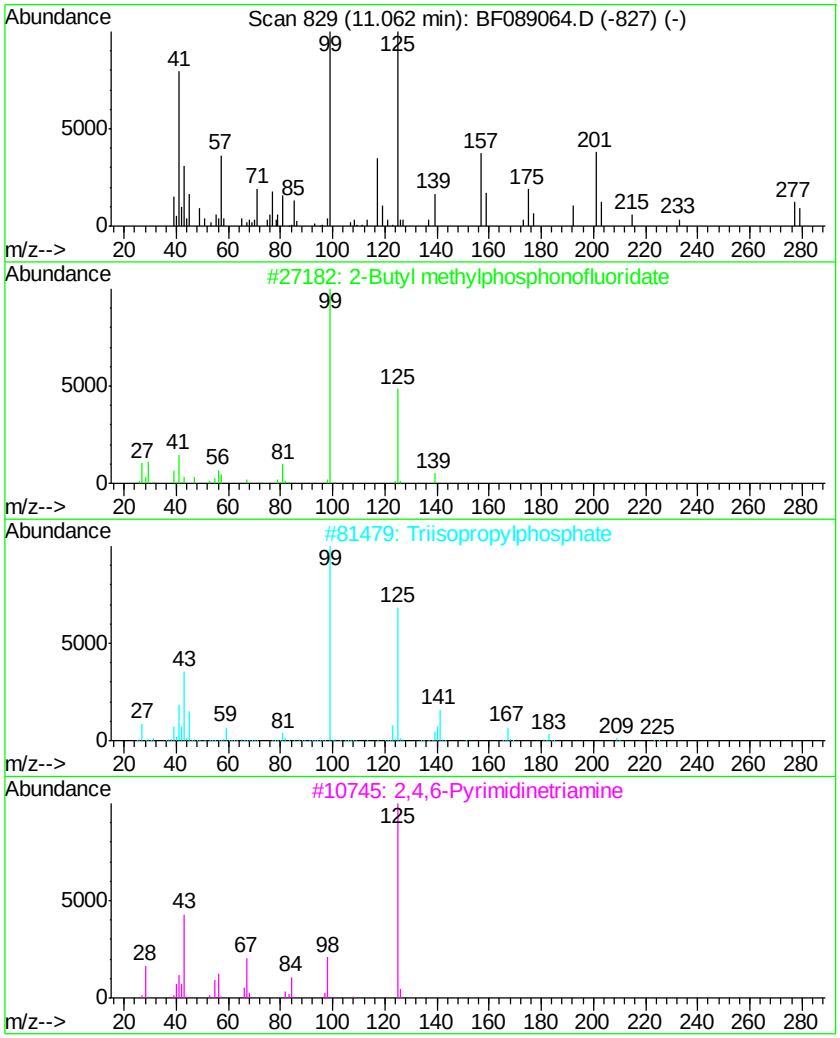
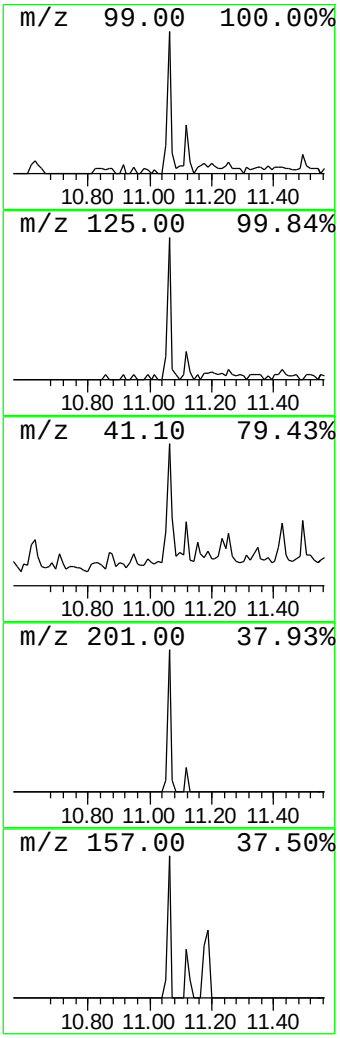
****

Peak Number 7 unknown11.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.71 ng	90784	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	38
2	Triisopropylphosphate	224	C9H21O4P	000513-02-0	28
3	2,4,6-Pyrimidinetriamine	125	C4H7N5	001004-38-2	14
4	4,5,6-Pyrimidinetriamine	125	C4H7N5	000118-70-7	14
5	4-Methyl-2-pentyl methylphosphon...	182	C7H16FO2P	000352-53-4	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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

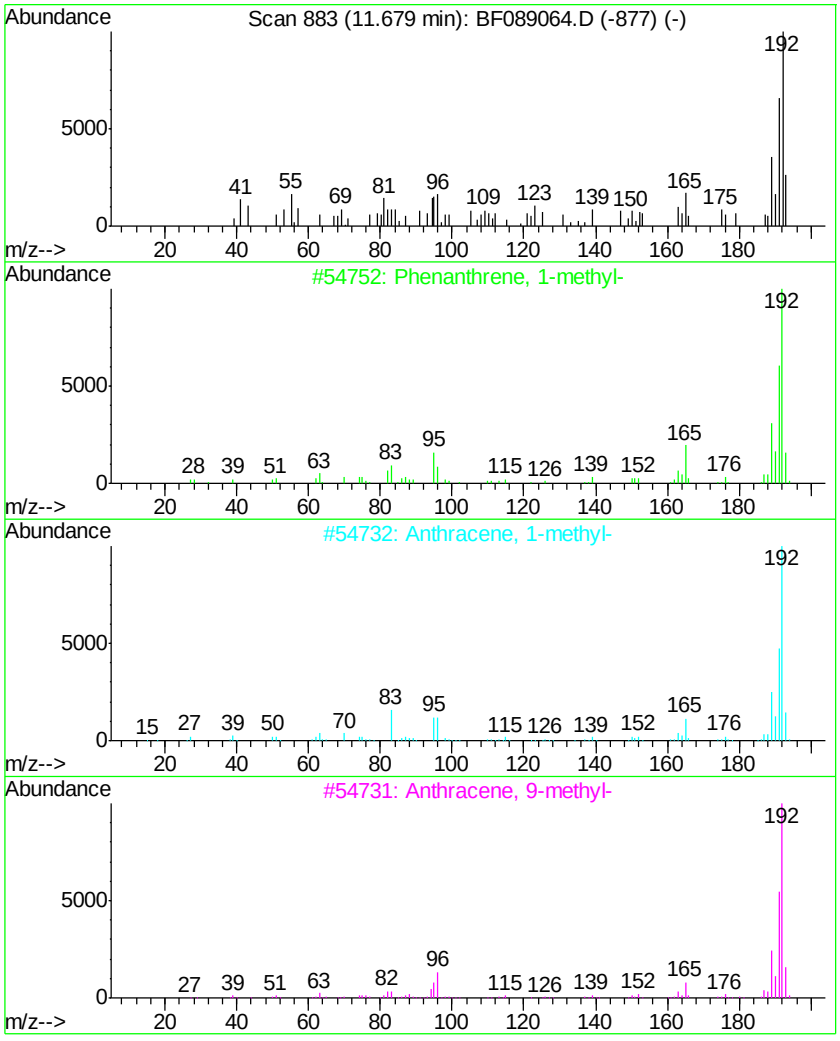
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

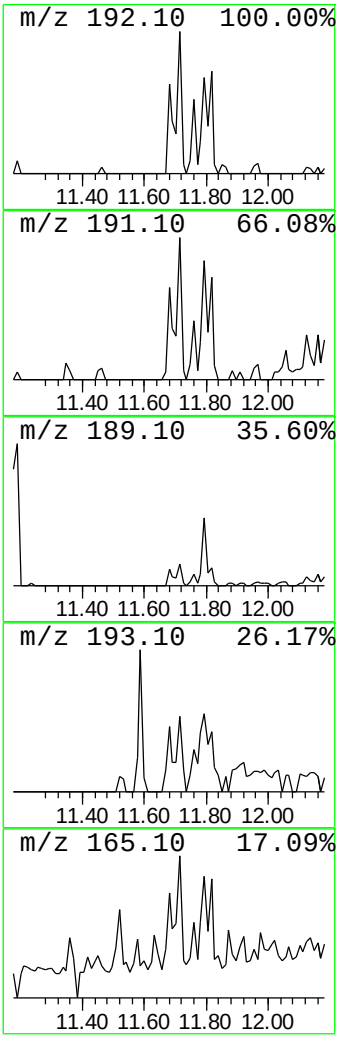
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	3.93 ng	96085	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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

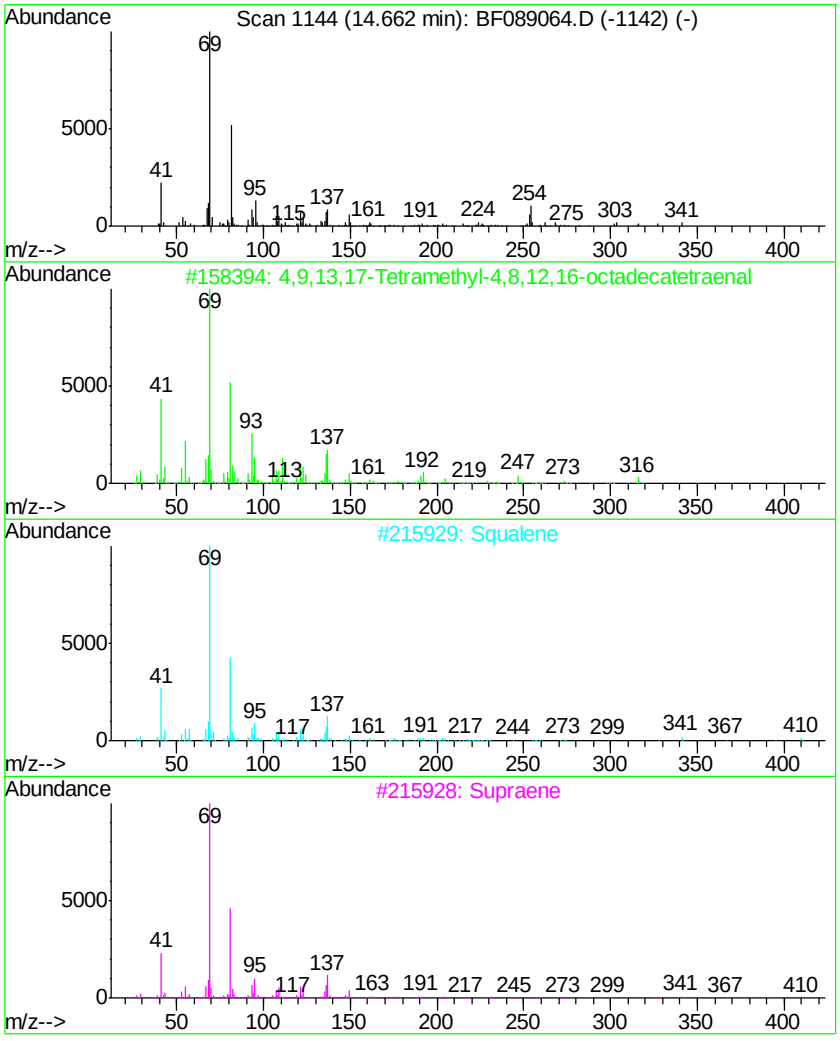
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

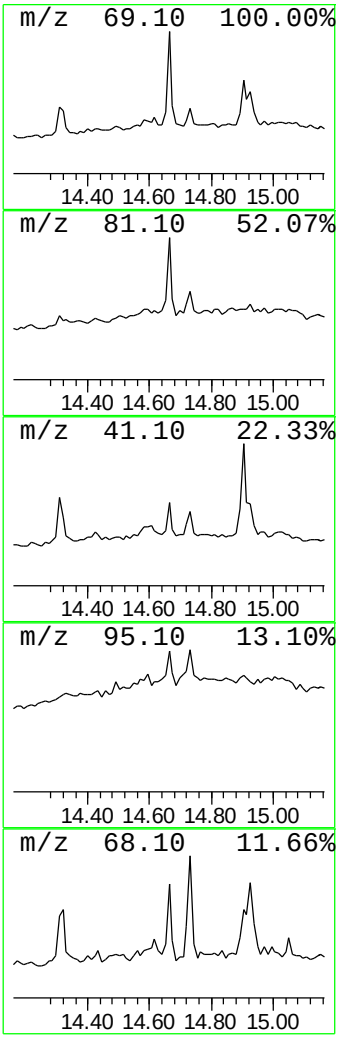
****

Peak Number 9 4,9,13,17-Tetramethyl-4,8,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.85 ng	78651	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	76
2	Squalene	410	C30H50	000111-02-4	68
3	Supraene	410	C30H50	007683-64-9	68
4	Farnesol isomer a	222	C15H26O	1000108-92-4	64
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59





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Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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

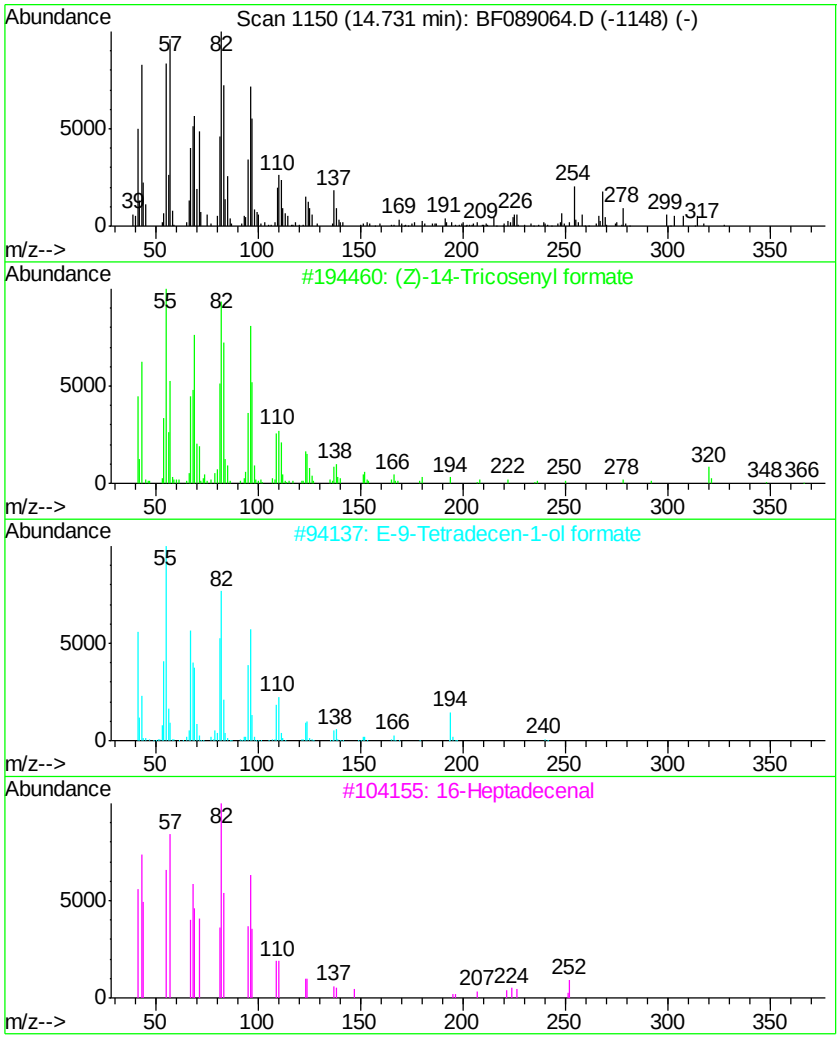
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

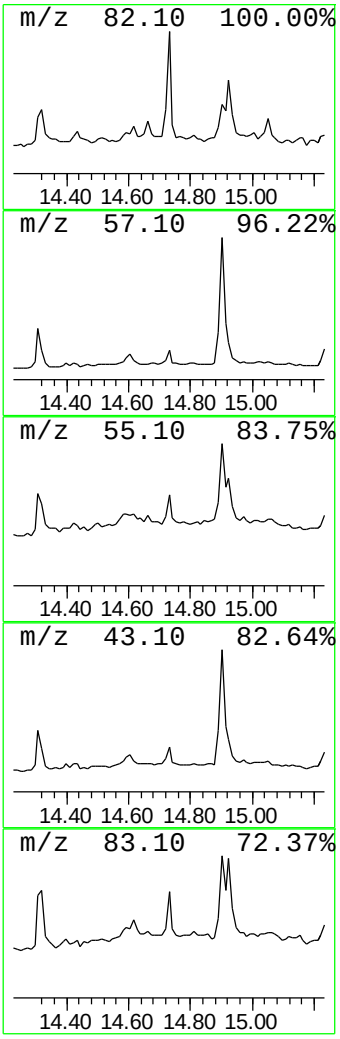
****

Peak Number 10 (Z)-14-Tricosenyl formate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.04 ng	81232	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90
2	E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	86
3	16-Heptadecenal	252	C17H32O	1000144-57-9	86
4	Octadecanal	268	C18H36O	000638-66-4	68
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62





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Sample : H3951-19
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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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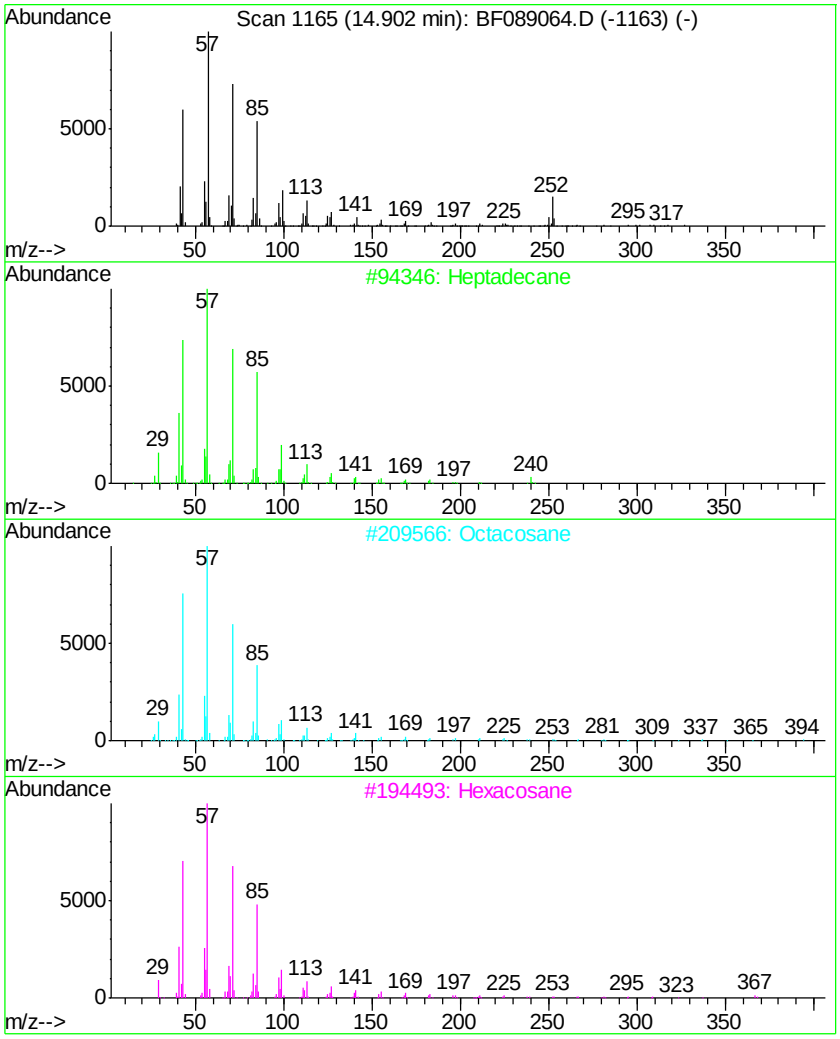
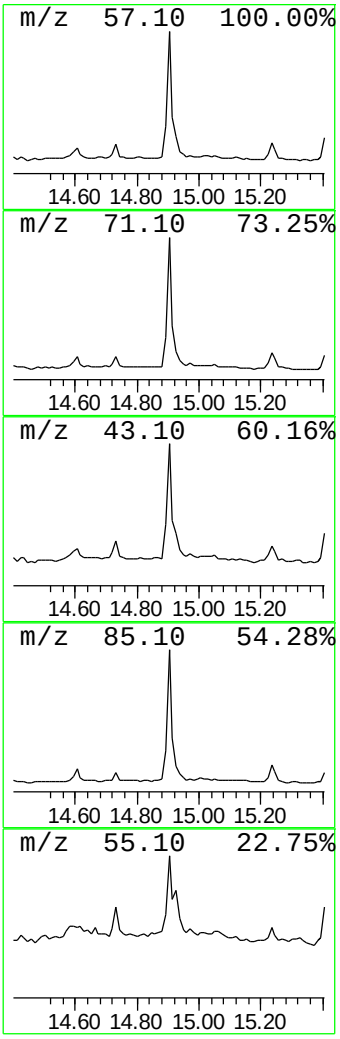
Peak Number 11 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	34.76 ng	467503	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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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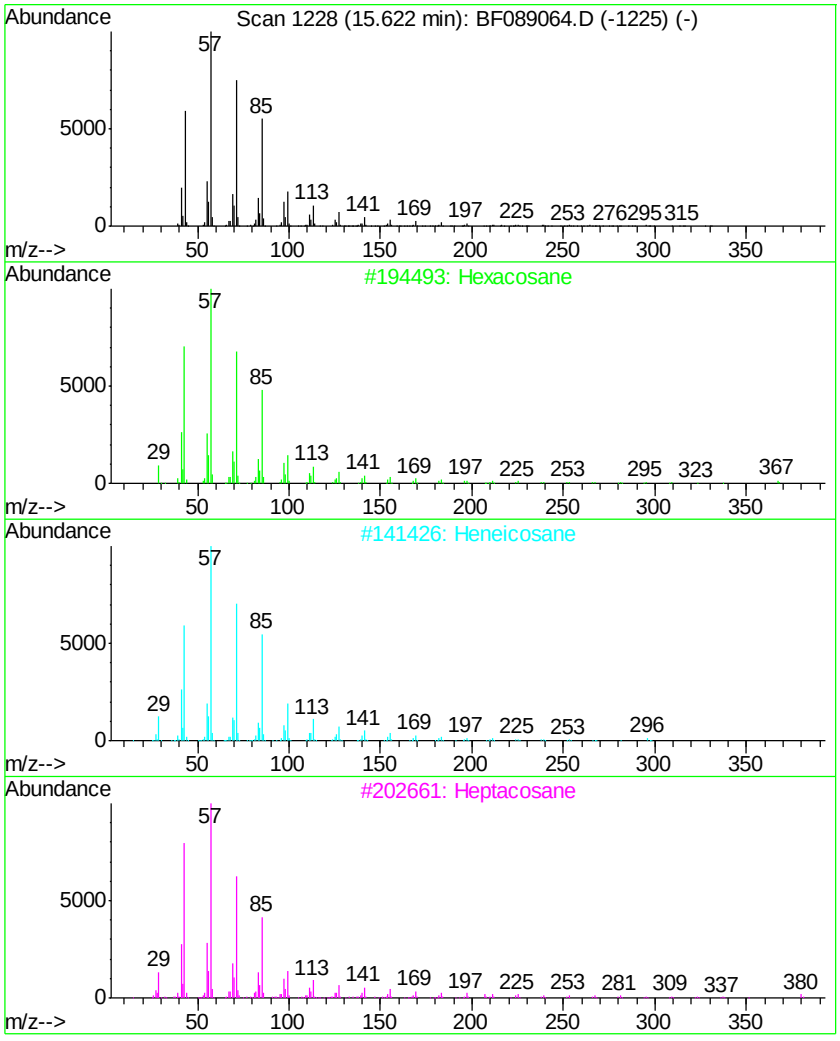
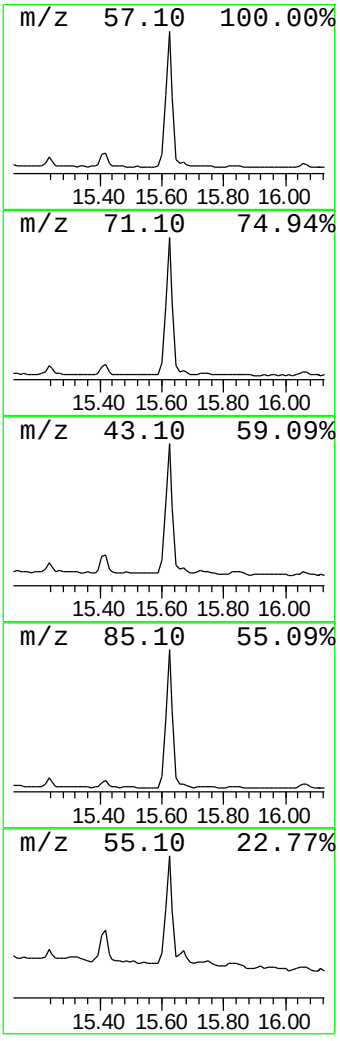
Peak Number 13 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	74.04 ng	995602	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Sample : H3951-19
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : LSS-SB-SB07(0-2in)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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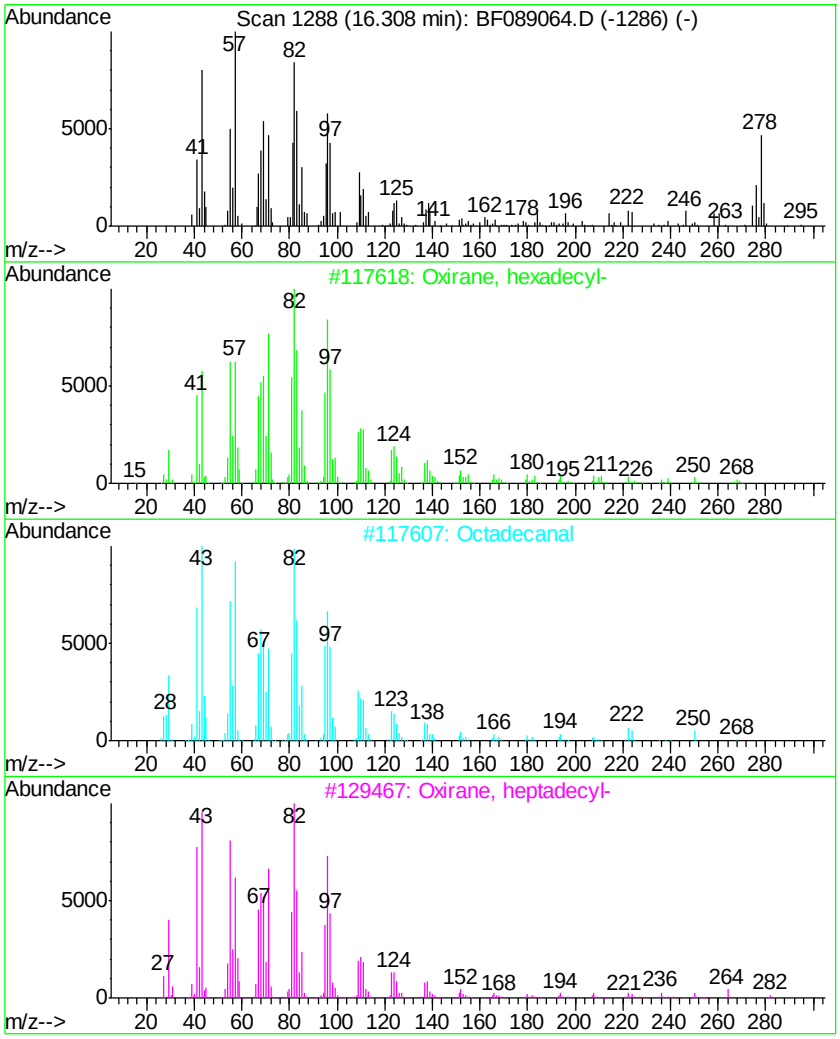
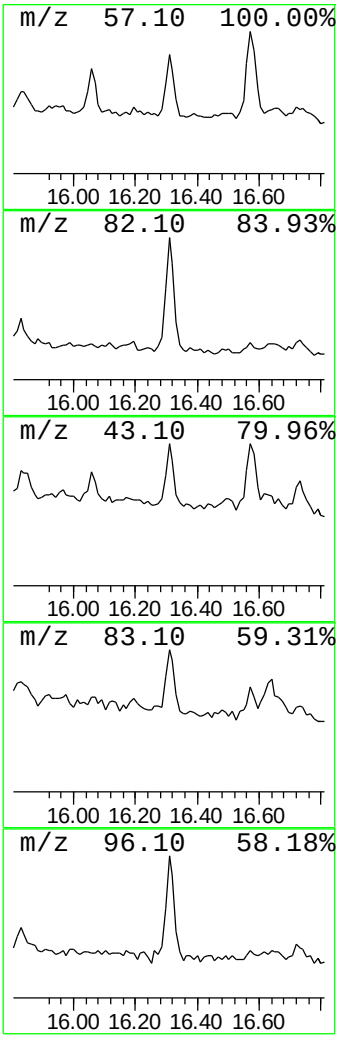
Peak Number 14 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	9.10 ng	122423	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70
2	Octadecanal	268	C18H36O	000638-66-4	62
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	53
4	Cyclododecanol	184	C12H24O	001724-39-6	43
5	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	35





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Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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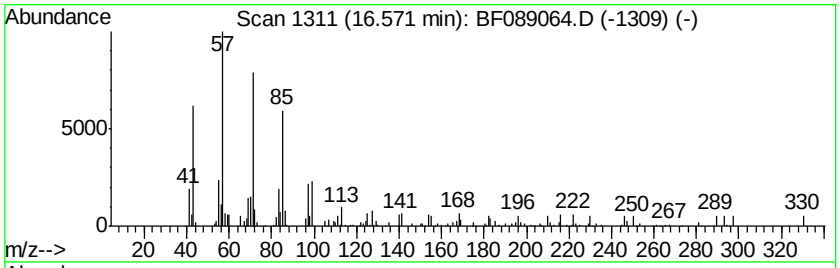
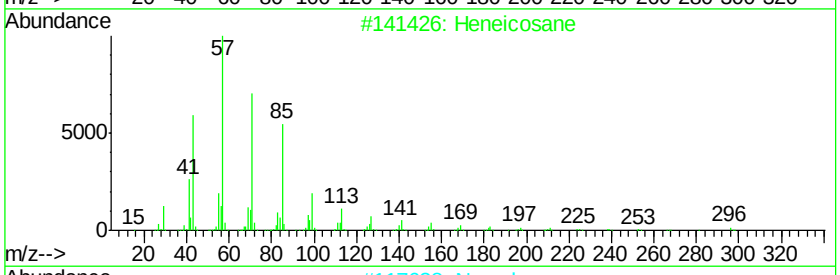
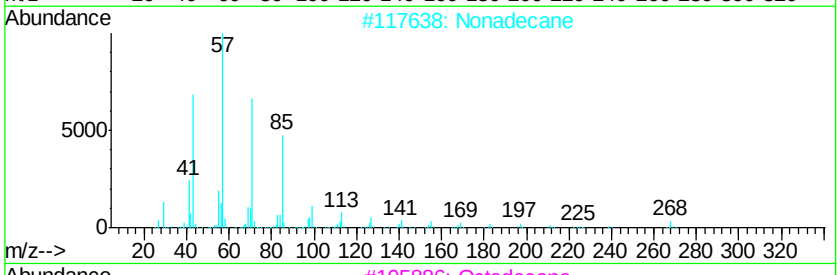
Peak Number 15 Heneicosane Concentration Rank 17

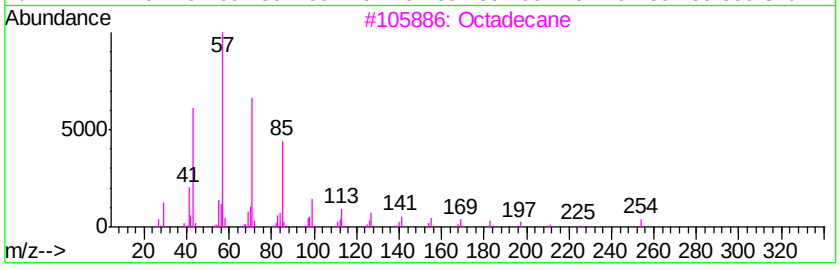
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	5.67 ng	76284	Perylene-d12	15.19

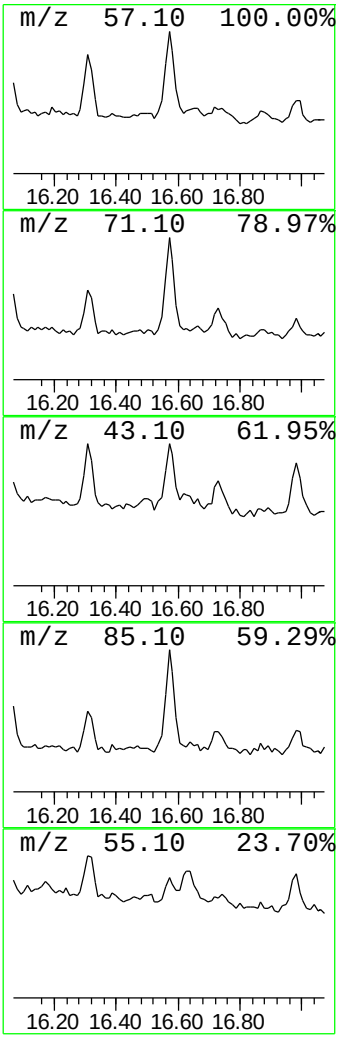
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	64
2	Nonadecane	268	C19H40	000629-92-5	58
3	Octadecane	254	C18H38	000593-45-3	58
4	Eicosane	282	C20H42	000112-95-8	58
5	Heptadecane	240	C17H36	000629-78-7	58











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Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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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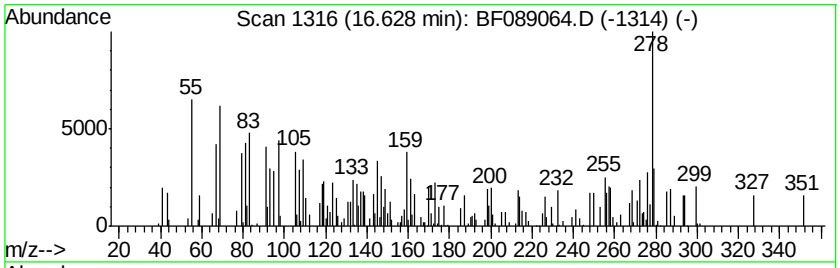
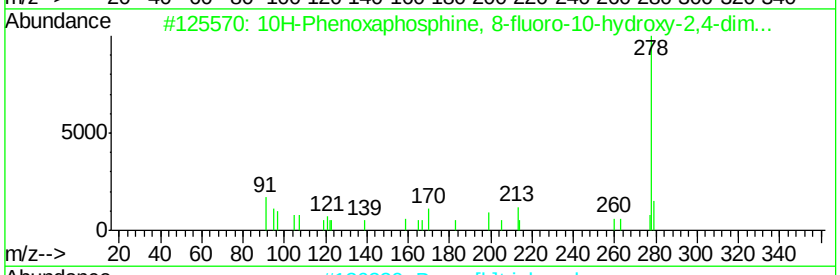
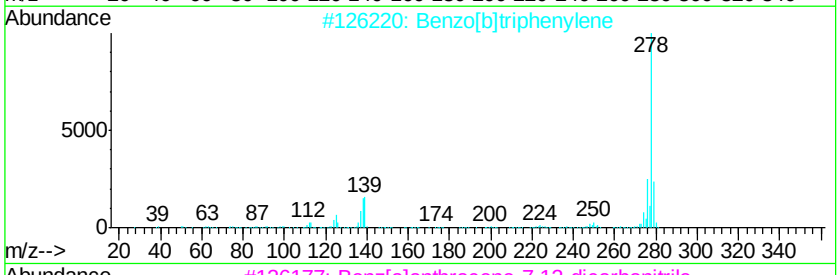
Peak Number 16 unknown16.63 Concentration Rank 11

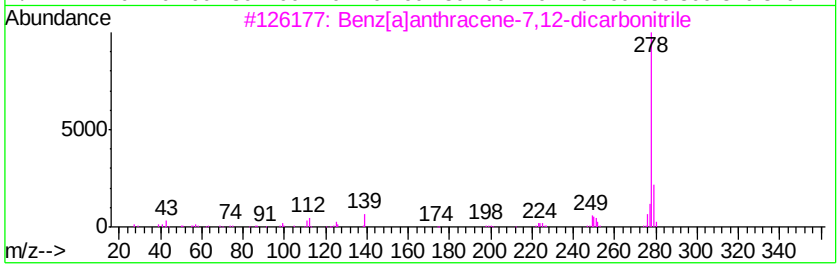
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	10.39 ng	139693	Perylene-d12	15.19

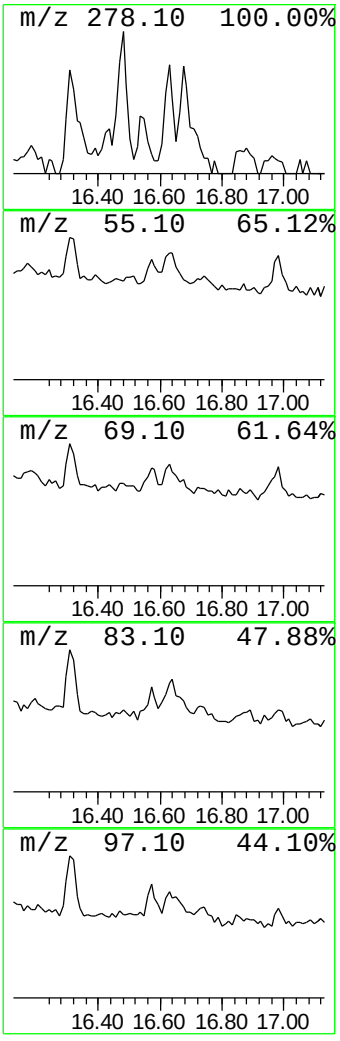
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	30
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	30
3	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	27
4	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	27
5	Picene	278	C22H14	000213-46-7	27











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Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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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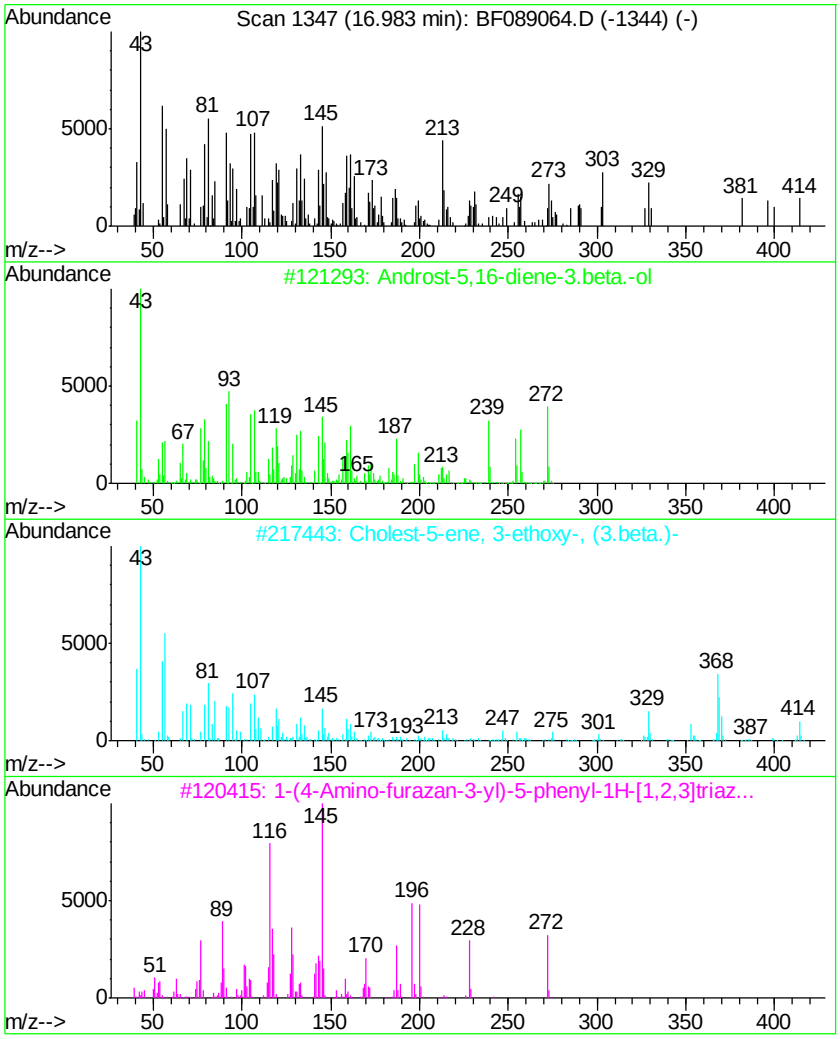
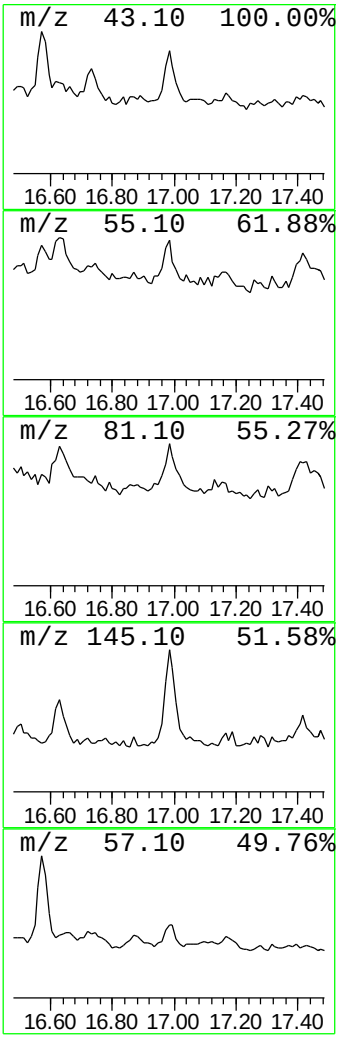
Peak Number 17 Androst-5,16-diene-3.beta.-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	13.48 ng	181271	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-5,16-diene-3.beta.-ol	272	C19H28O	001224-94-8	50
2	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	11
3	1-(4-Amino-furazan-3-yl)-5-phenyl...	272	C11H8N6O3	1000300-80-4	10
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	10
5	.beta.-d-Lyxofuranoside, phenyl,...	306	C15H19BO6	128902-53-4	10





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Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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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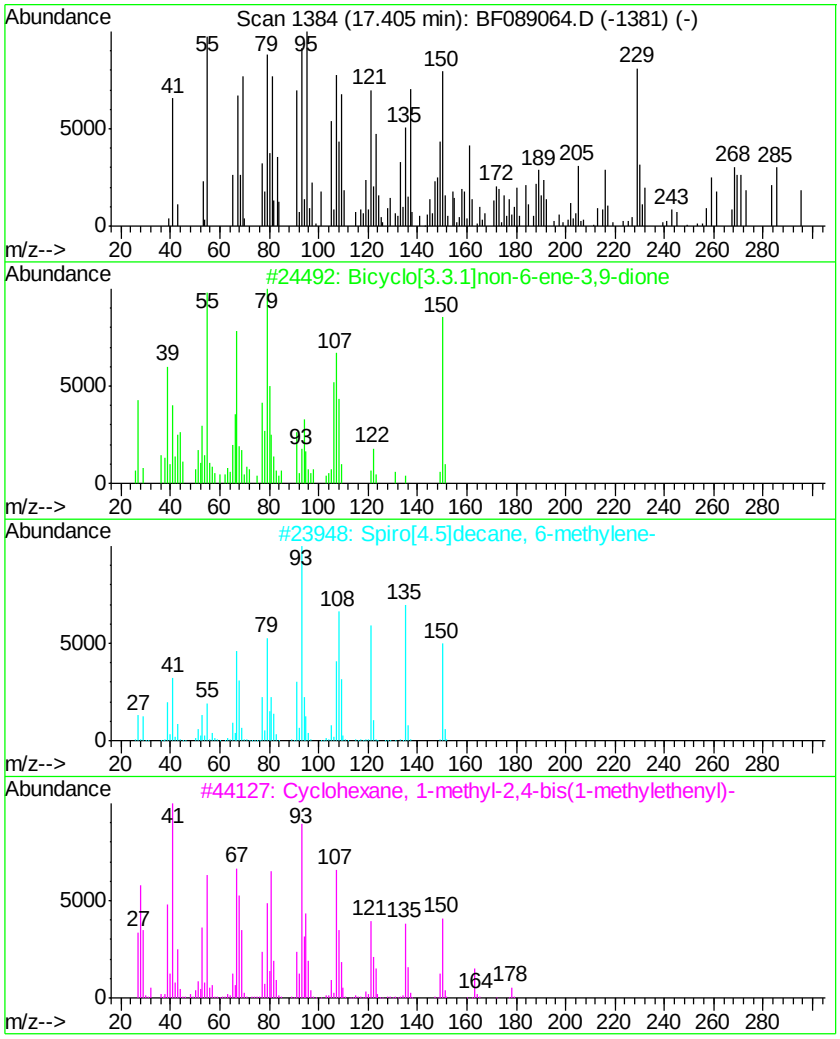
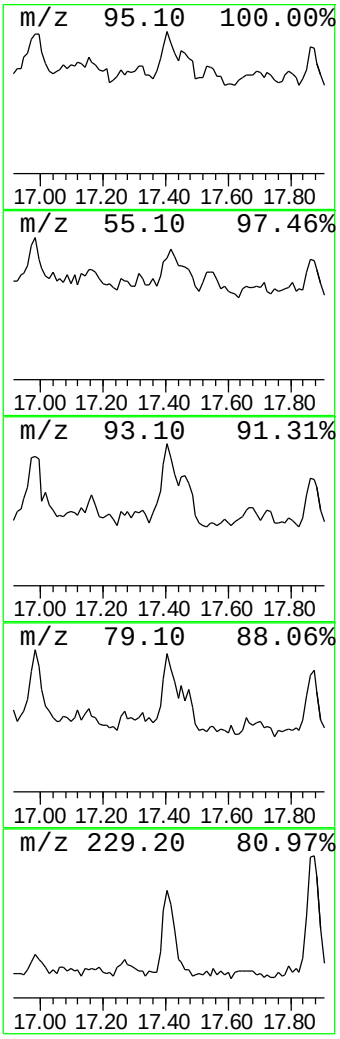
Peak Number 18 unknown17.41 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	9.54 ng	128281	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]non-6-ene-3,9-dione	150	C9H10O2	1000193-44-0	38
2	Spiro[4.5]decane, 6-methylene-	150	C11H18	019144-01-5	30
3	Cyclohexane, 1-methyl-2,4-bis(1-...	178	C13H22	061142-58-3	25
4	Cyclohexene, 2,4-dimethyl-1-(1-m...	150	C11H18	056763-60-1	25
5	p-Cymen-7-ol	150	C10H14O	000536-60-7	25





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Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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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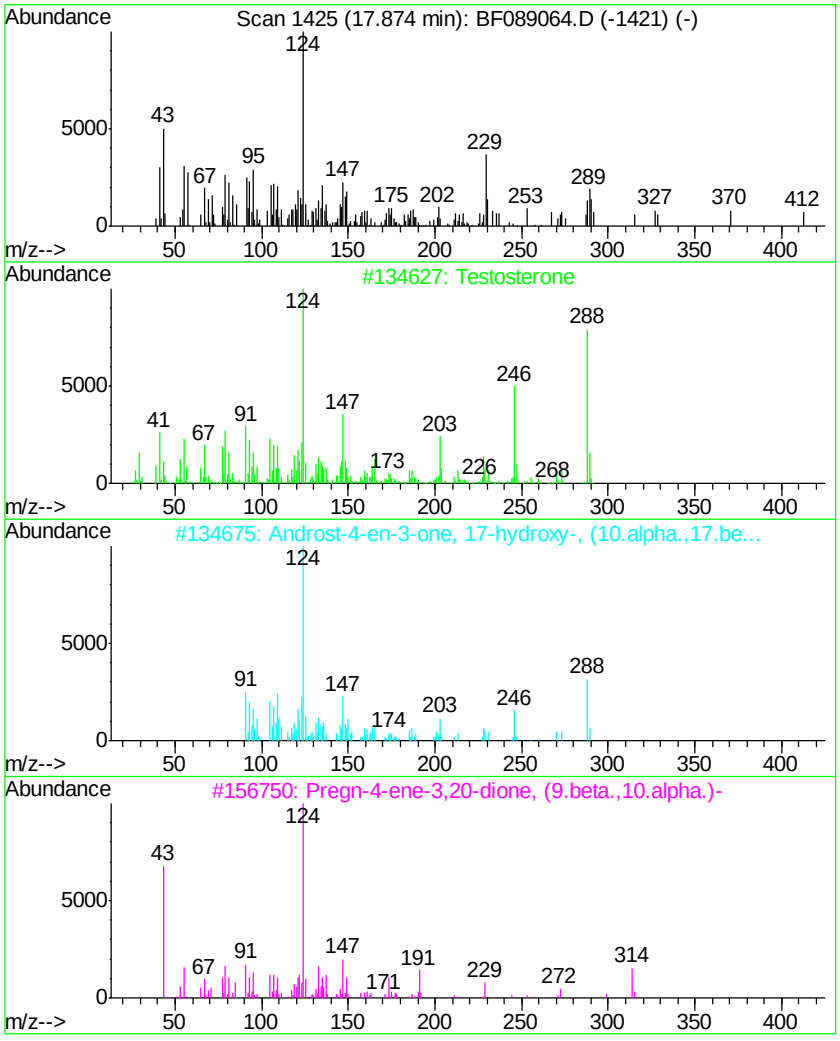
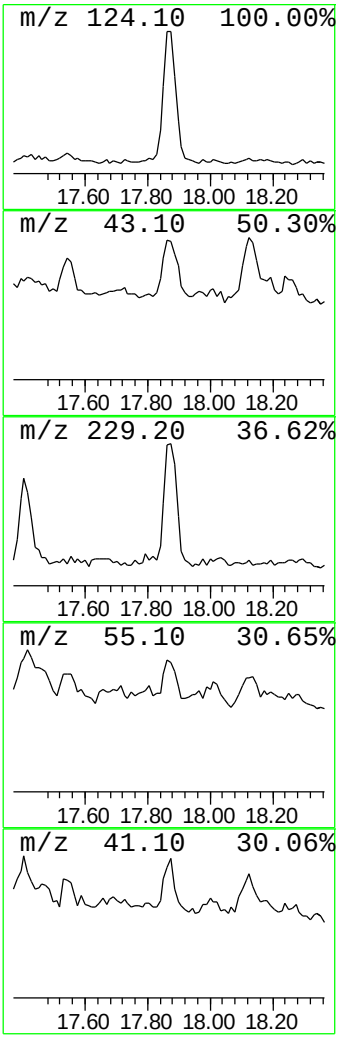
Peak Number 19 Testosterone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	16.34 ng	219708	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	64
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	60
3	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	46
4	5.beta.-Androstane, 3.beta., 11....	308	C19H32O3	032230-59-4	43
5	6-Chlorobicyclo[2.2.1]hept-2-ene...	186	C9H11ClO2	1000186-61-9	42





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Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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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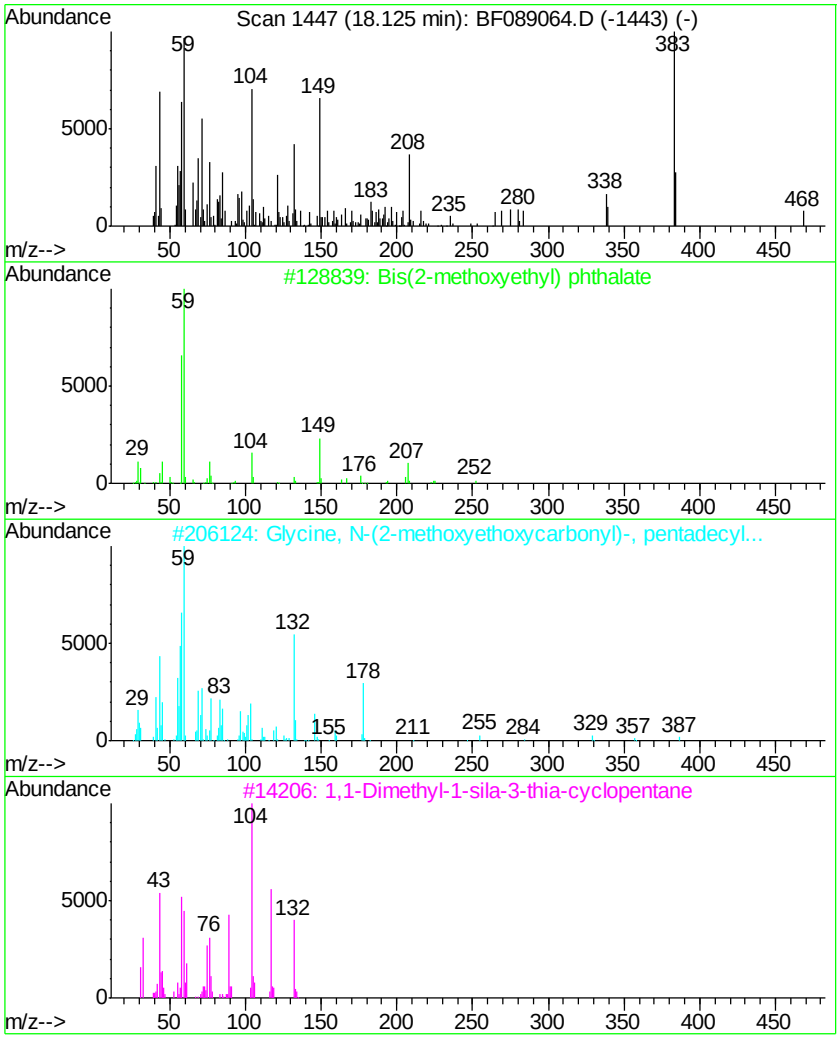
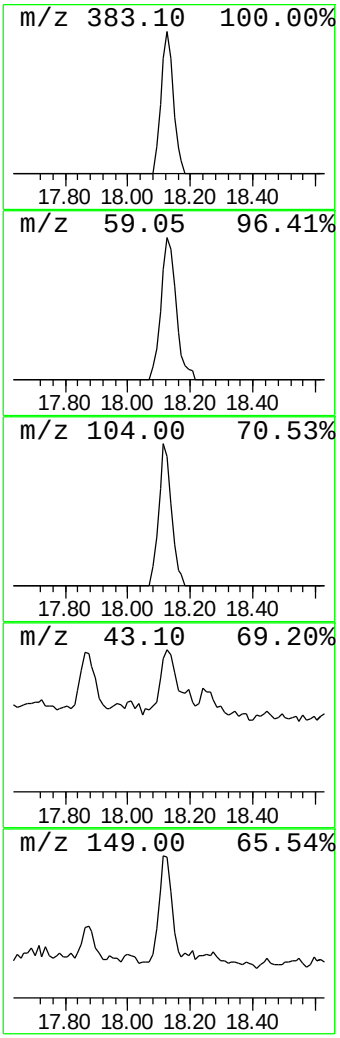
Peak Number 20 unknown18.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	13.35 ng	179560	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-methoxyethyl) phthalate	282	C14H18O6	000117-82-8	32
2	Glycine, N-(2-methoxyethoxycarbo...	387	C21H41NO5	1000328-06-3	12
3	1,1-Dimethyl-1-sila-3-thia-cyclo...	132	C5H12SSi	085465-27-6	10
4	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	10
5	2-Tetradecanone	212	C14H28O	002345-27-9	10





Tentatively Identified Compound (LSC) summary

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Data File : BF089064.D
Acq On : 16 Jul 2016 19:43
Operator : UM/SJ
Sample : H3951-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB07(0-2in)

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...	4.81	15.2	ng	284571	1	6.66	375614	20.0
Butanoic acid, 3-...	5.02	5.0	ng	94752	1	6.66	375614	20.0
unknown6.44	6.44	99.0	ng	1859330	1	6.66	375614	20.0
unknown11.06	11.06	3.7	ng	90784	4	11.19	489555	20.0
Phenanthrene, 1-m...	11.68	3.9	ng	96085	4	11.19	489555	20.0
4,9,13,17-Tetrame...	14.66	5.8	ng	78651	6	15.19	268951	20.0
(Z)-14-Tricosenyl...	14.73	6.0	ng	81232	6	15.19	268951	20.0
Heptadecane	14.90	34.8	ng	467503	6	15.19	268951	20.0
Hexacosane	15.62	74.0	ng	995602	6	15.19	268951	20.0
Oxirane, hexadecyl-	16.31	9.1	ng	122423	6	15.19	268951	20.0
Heneicosane	16.57	5.7	ng	76284	6	15.19	268951	20.0
unknown16.63	16.63	10.4	ng	139693	6	15.19	268951	20.0
Androst-5,16-dien...	16.98	13.5	ng	181271	6	15.19	268951	20.0
unknown17.41	17.41	9.5	ng	128281	6	15.19	268951	20.0
Testosterone	17.87	16.3	ng	219708	6	15.19	268951	20.0
unknown18.13	18.13	13.4	ng	179560	6	15.19	268951	20.0