LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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	16	rVV	169518	295810	13.20%	1.087%
2	1.781	16	17	25	rVV	1230276	2122263	94.68%	7.795%
3	1.895	25	27	33	rVV	58270	106072	4.73%	0.390%
4	1.975	33	34	42	rVB	22517	42764	1.91%	0.157%
5	2.501	77	80	84	rVB	41107	61654	2.75%	0.226%
6	4.856	283	286	291	rBV	258320	457462	20.41%	1.680%
7	5.301	322	325	327	rBV	1817458	2059907	91.89%	7.566%
8	5.690	357	359	363	rBB	34957	34709	1.55%	0.127%
9	6.147	397	399	402	rVB	20462	26927	1.20%	0.099%
10	6.353	413	417	419	rBV	1728202	2043432	91.16%	7.506%
11	6.467	424	427	429	rBV	1995938	1960759	87.47%	7.202%
12	6.696	445	447	449	rBV	511421	452233	20.17%	1.661%
13	6.856	458	461	463	rBV	1658283	1765444	78.76%	6.485%
14	7.267	493	497	499	rBV	1238609	1444332	64.43%	5.305%
15	7.382	503	507	510	rVB	25489	32667	1.46%	0.120%
16	7.736	535	538	540	rVB2	77211	89983	4.01%	0.331%
17	7.976	557	559	562	rBV	522867	523172	23.34%	1.922%
18	9.062	651	654	656	rBV	2505916	2241613	100.00%	8.234%
19	9.450	686	688	691	rBV	308727	382544	17.07%	1.405%
20	9.725	710	712	714	rBV	462863	508904	22.70%	1.869%
21	10.376	767	769	772	rBV2	22378	37890	1.69%	0.139%
22	10.513	778	781	784	rBV	1085206	1070772	47.77%	3.933%
23	10.571	784	786	788	rVB	74374	84539	3.77%	0.311%
24	10.651	791	793	797	rBV	25292	46538	2.08%	0.171%
25	11.096	830	832	833	rBV	29751	36470	1.63%	0.134%
26	11.199	840	841	845	rVV2	351669	458223	20.44%	1.683%
27	11.279	845	848	850	rVB2	37987	54948	2.45%	0.202%
28	11.439	860	862	866	rVB2	26070	34401	1.53%	0.126%
29	11.519	866	869	871	rBV	23584	25220	1.13%	0.093%
30	11.748	886	889	893	rVV	54044	96124	4.29%	0.353%
31	11.816	893	895	899	rVB	19497	30638	1.37%	0.113%
32	12.319	935	939	945	rVB6	23453	63411	2.83%	0.233%
33	12.411	945	947	949	rBV	283593	256307	11.43%	0.941%
34	12.628	964	966	968	rBV	117568	177544	7.92%	0.652%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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	12.685	968	971	974	rVB3	14767	30238	1.35%	0.111%
36	12.788	978	980	983	rVB	1346918	1339792	59.77%	4.921%
37	12.959	992	995	998	rBV	16342	35158	1.57%	0.129%
38	13.028	998	1001	1003	rBV3	22489	43501	1.94%	0.160%
39	13.062	1003	1004	1006	rBV	26980	33712	1.50%	0.124%
40	13.268	1018	1022	1023	rBV3	12484	25312	1.13%	0.093%
41	13.497	1040	1042	1044	rVB2	22007	32024	1.43%	0.118%
42	13.577	1047	1049	1051	rBV	29313	51304	2.29%	0.188%
43	13.691	1057	1059	1063	rVB2	120852	166559	7.43%	0.612%
44	13.828	1068	1071	1077	rBV2	630546	839480	37.45%	3.084%
45	13.931	1078	1080	1082	rBV3	18948	33223	1.48%	0.122%
46	14.022	1086	1088	1092	rBV4	20627	42468	1.89%	0.156%
47	14.137	1096	1098	1100	rBV2	23665	26985	1.20%	0.099%
48	14.217	1103	1105	1106	rBV	26548	26975	1.20%	0.099%
49	14.331	1112	1115	1120	rBV2	166389	293177	13.08%	1.077%
50	14.480	1126	1128	1130	rBV	1676322	1509358	67.33%	5.544%
51	14.640	1138	1142	1144	rBV2	31741	77664	3.46%	0.285%
52	14.685	1144	1146	1148	rVB	36086	40491	1.81%	0.149%
53	14.742	1149	1151	1153	rVB	274773	255873	11.41%	0.940%
54	14.822	1156	1158	1162	rBV	117464	215911	9.63%	0.793%
55	14.937	1164	1168	1172	rBV	480108	759755	33.89%	2.791%
56	15.085	1180	1181	1184	rVB	55097	79099	3.53%	0.291%
57	15.142	1184	1186	1189	rVB	75390	91522	4.08%	0.336%
58	15.200	1189	1191	1194	rBV	243147	334803	14.94%	1.230%
59	15.428	1208	1211	1213	rBV	94844	128106	5.71%	0.471%
60	15.634	1226	1229	1231	rBV	255513	375125	16.73%	1.378%
61	15.680	1231	1233	1237	rVB2	81538	128944	5.75%	0.474%
62	16.331	1287	1290	1298	rVB4	73702	176664	7.88%	0.649%
63	16.480	1301	1303	1310	rVV2	38138	93825	4.19%	0.345%
64	16.594	1310	1313	1315	rVV	48863	92973	4.15%	0.342%
65	16.651	1315	1318	1323	rVB5	24527	80326	3.58%	0.295%
66	16.868	1334	1337	1345	rVB2	39120	107419	4.79%	0.395%
67	17.005	1345	1349	1352	rBV2	61650	149398	6.66%	0.549%
68	17.280	1371	1373	1377	rBV4	13851	33698	1.50%	0.124%
69	17.566	1395	1398	1405	rVB5	31241	93259	4.16%	0.343%
70	17.897	1423	1427	1433	rVB5	37908	117984	5.26%	0.433%
71	18.137	1445	1448	1454	rVB5	14581	42078	1.88%	0.155%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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	18.297	1459	1462	1467	rVB4	16032	42647	1.90%	0.157%
73	18.789	1503	1505	1514	rVB5	14973	51825	2.31%	0.190%

Sum of corrected areas: 27224331

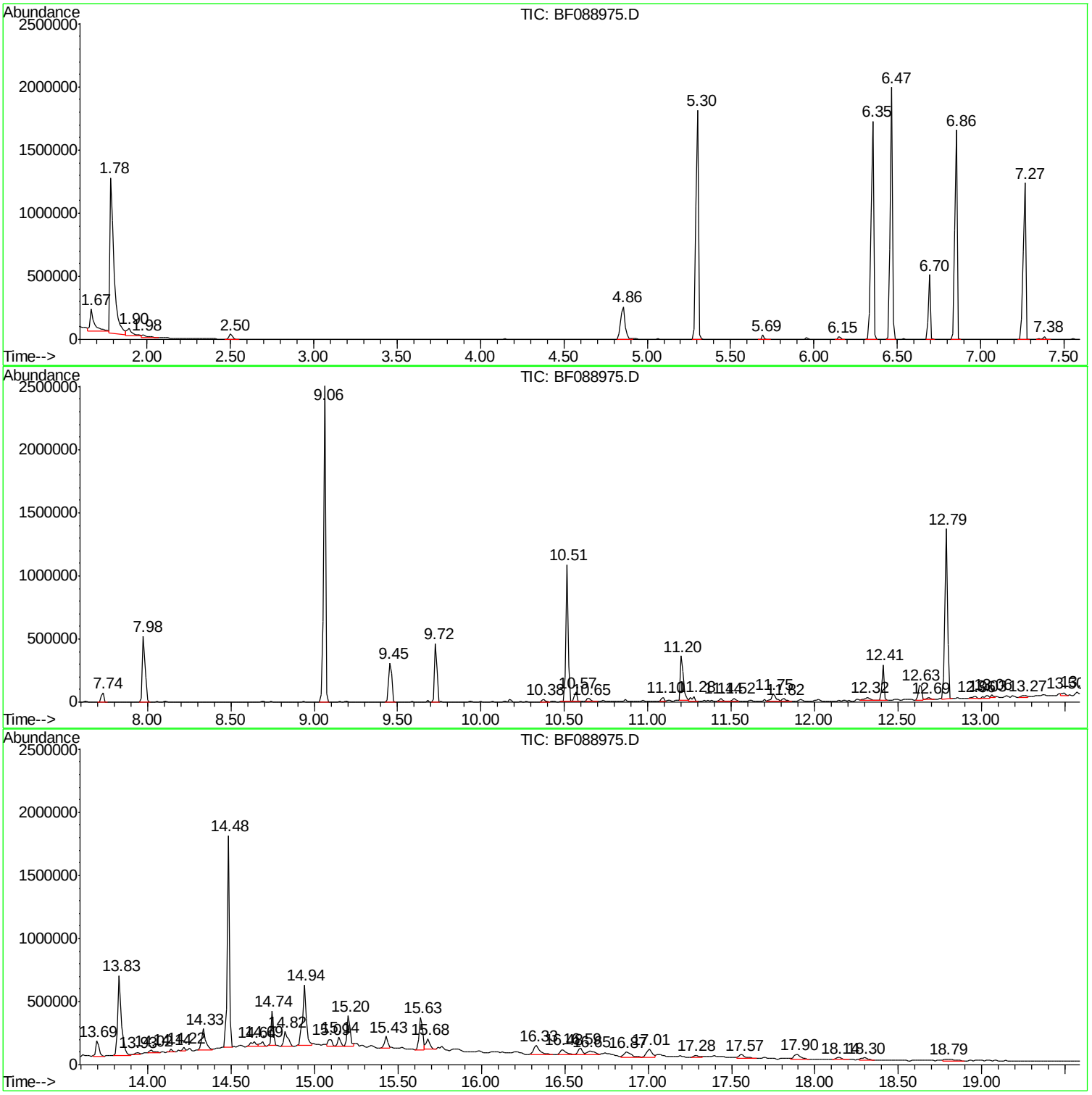
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

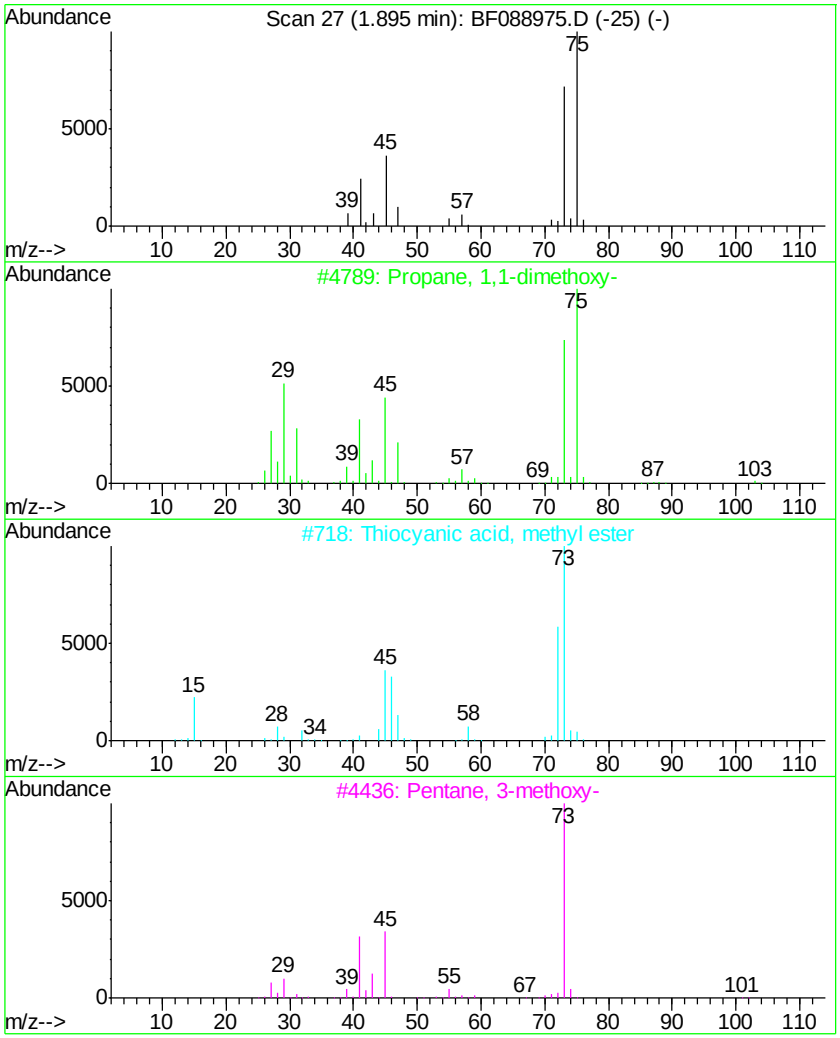
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

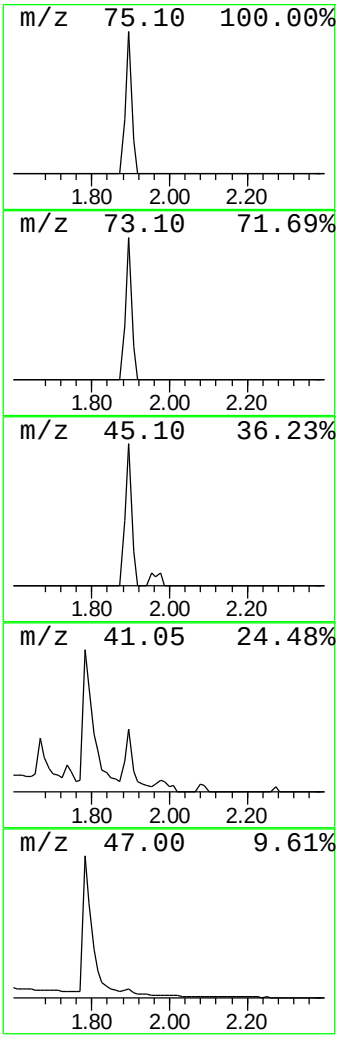
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	4.69 ng	106072	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	56
2	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	12
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	8





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

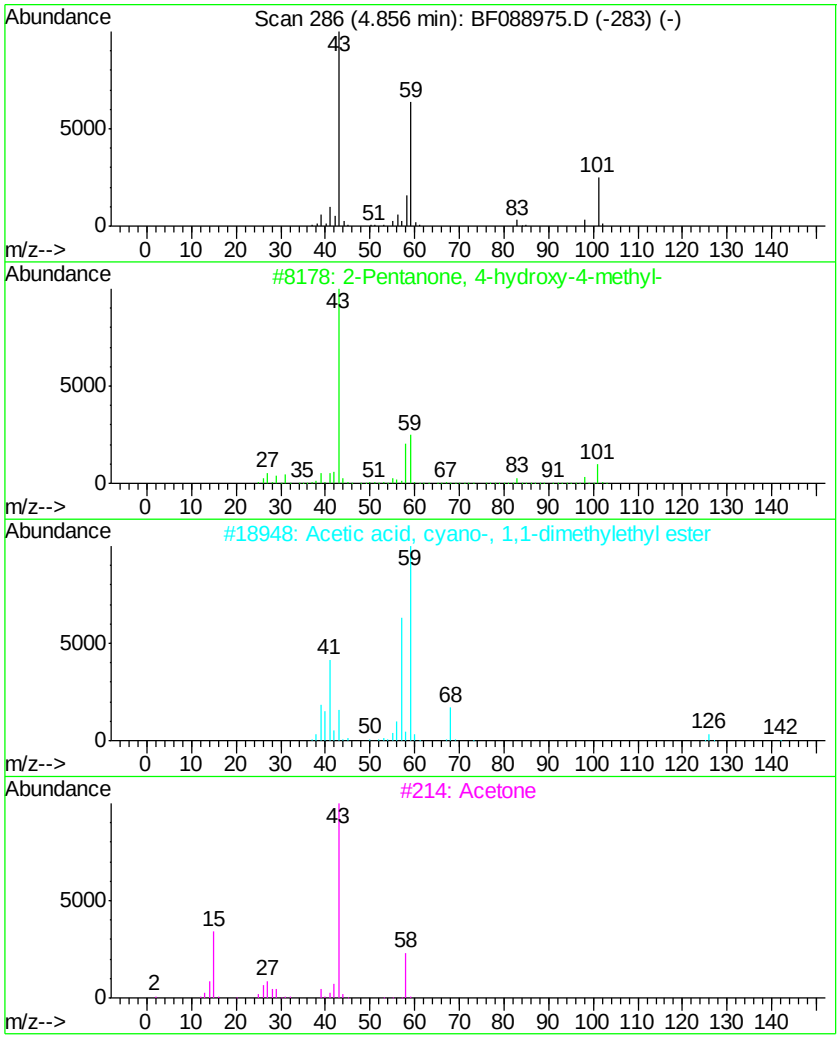
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

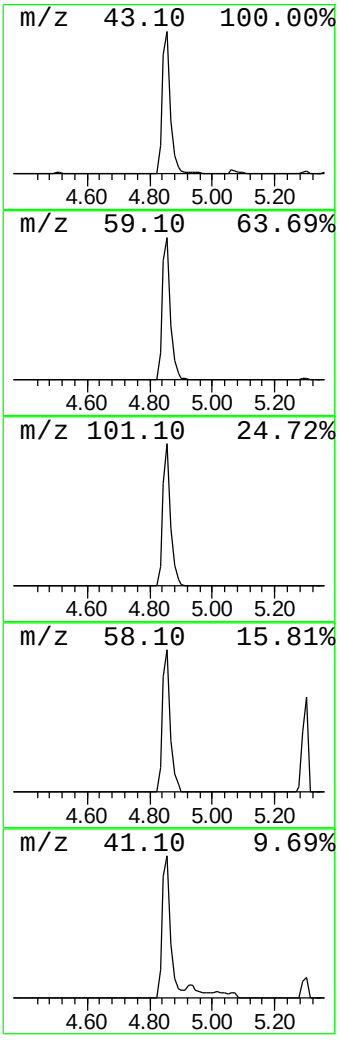
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	20.23 ng	457462	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

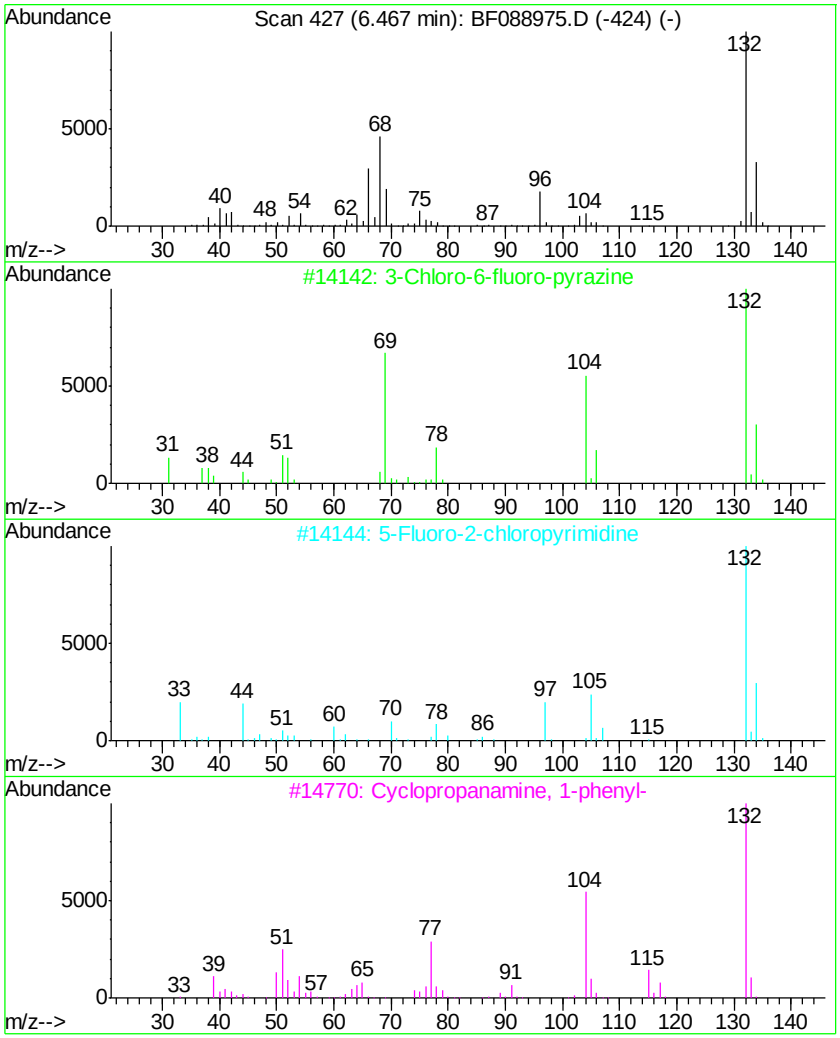
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

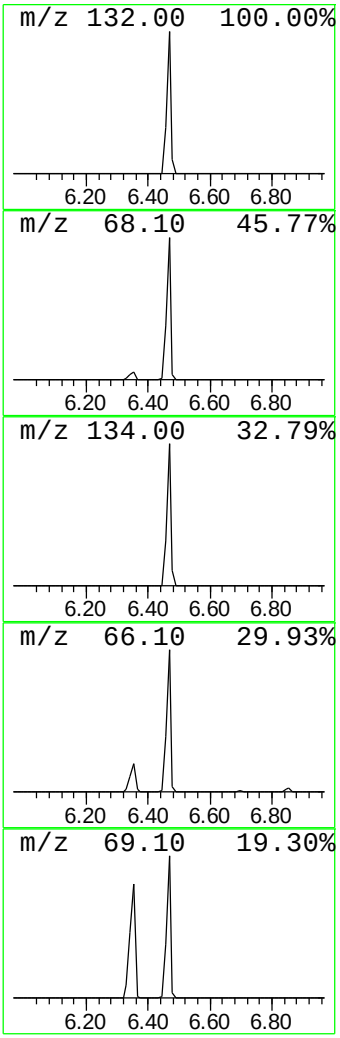
****

Peak Number 5 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	86.71 ng	1960760	1,4-Dichlorobenzene-d4	6.70

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	16
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

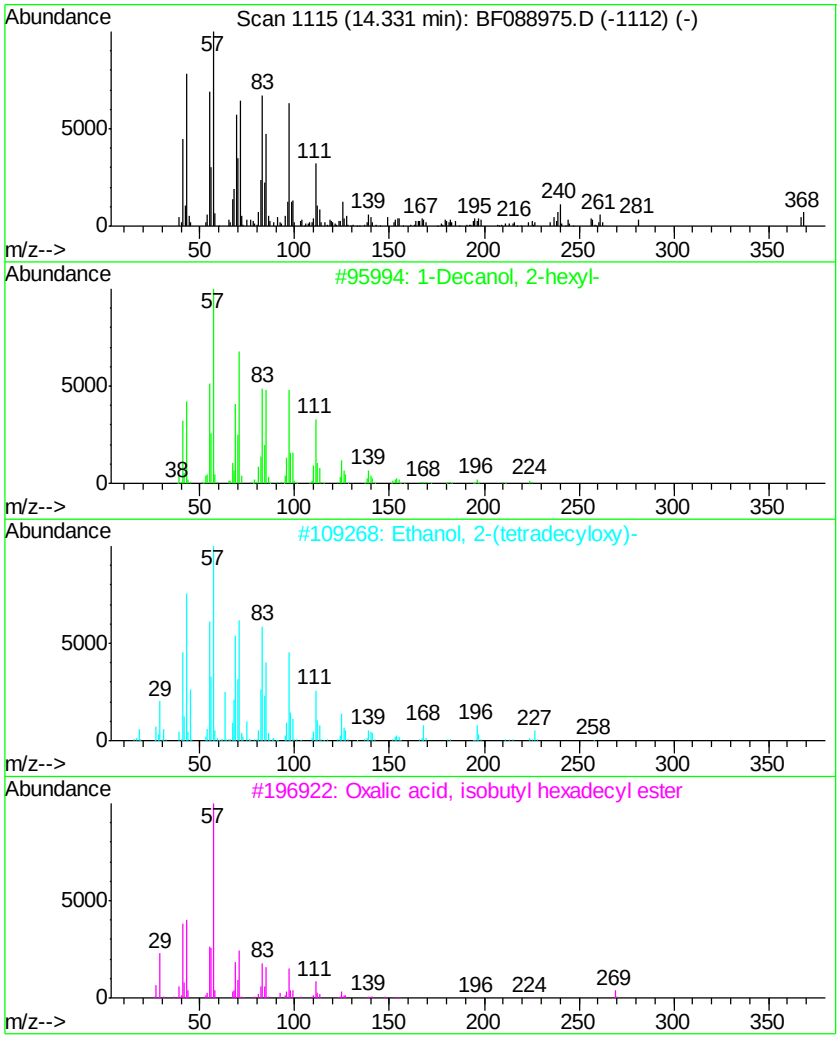
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

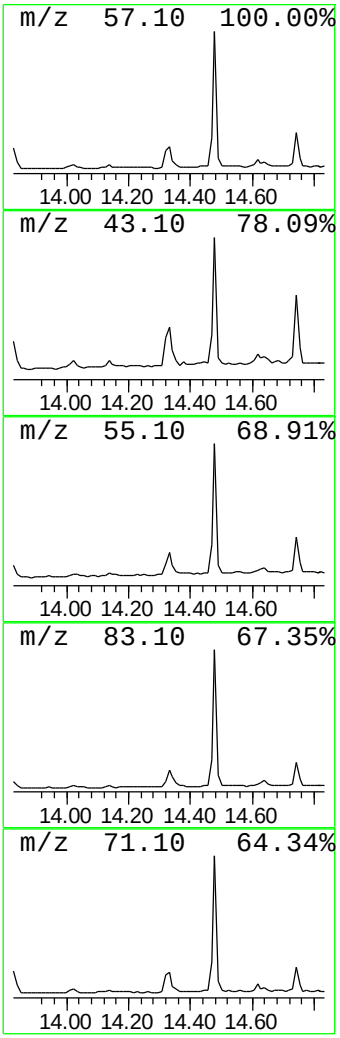
****

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	6.98 ng	293177	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

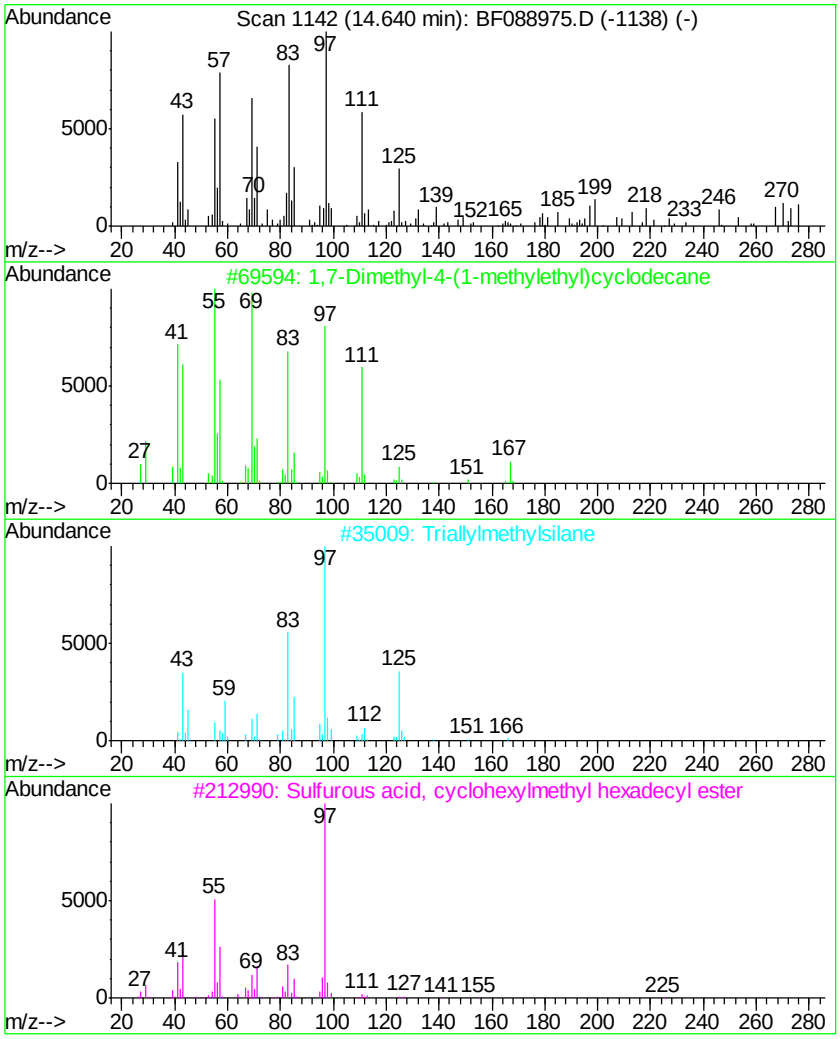
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

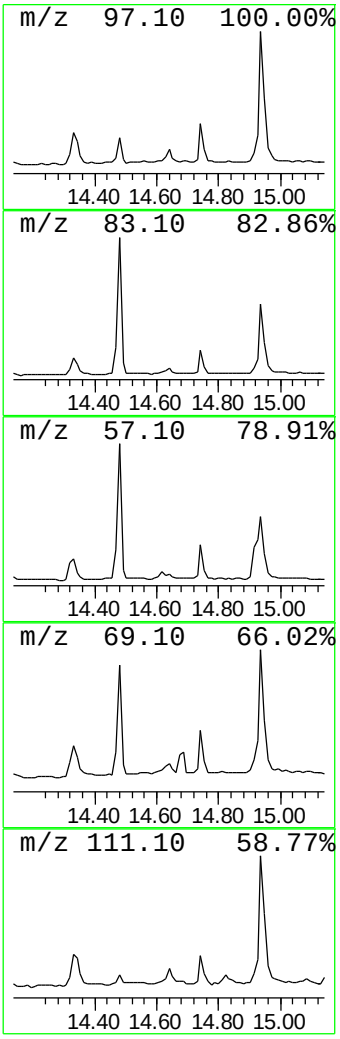
****

Peak Number 8 1,7-Dimethyl-4-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.64 ng	77664	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	58
2	Triallylmethylsilane	166	C10H18Si	001112-91-0	49
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	43
4	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	30
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

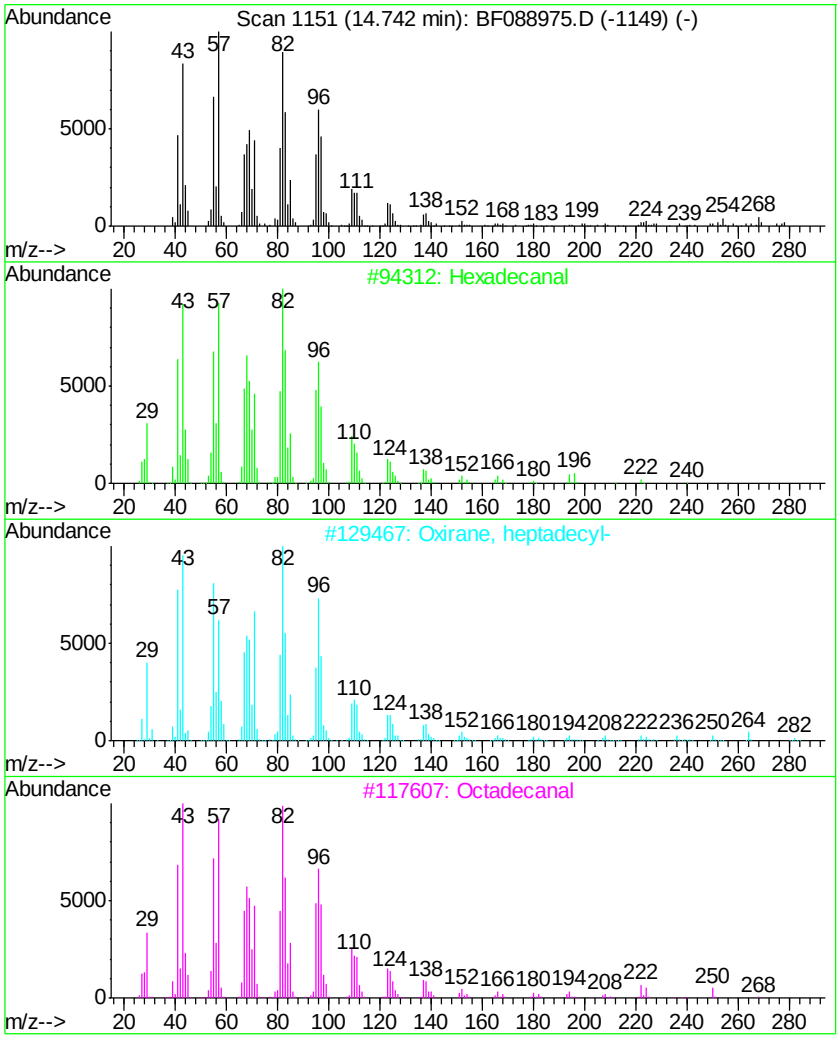
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

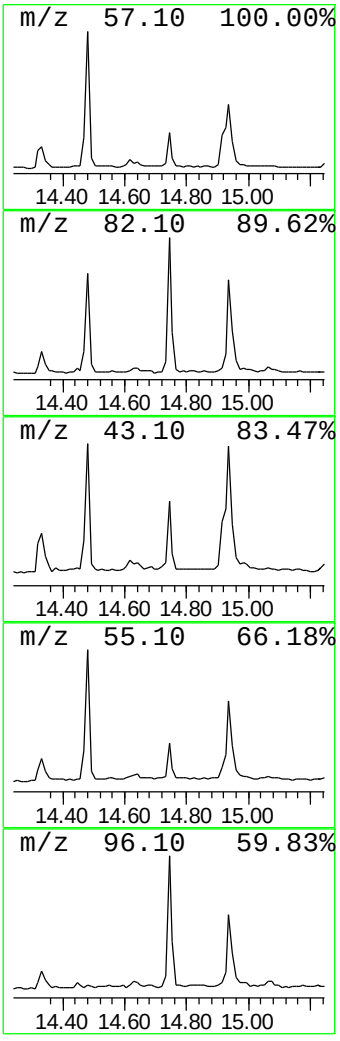
****

Peak Number 9 Hexadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	15.29 ng	255873	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	93
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	17-Octadecenal	266	C18H34O	056554-86-0	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

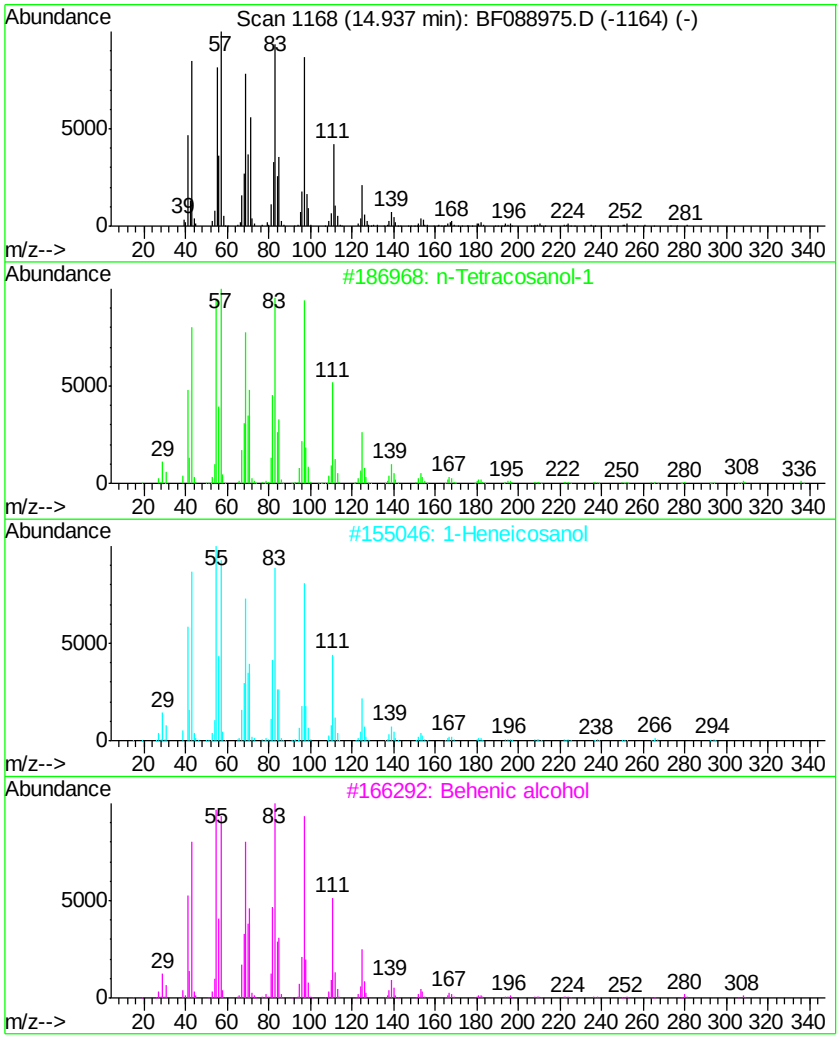
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

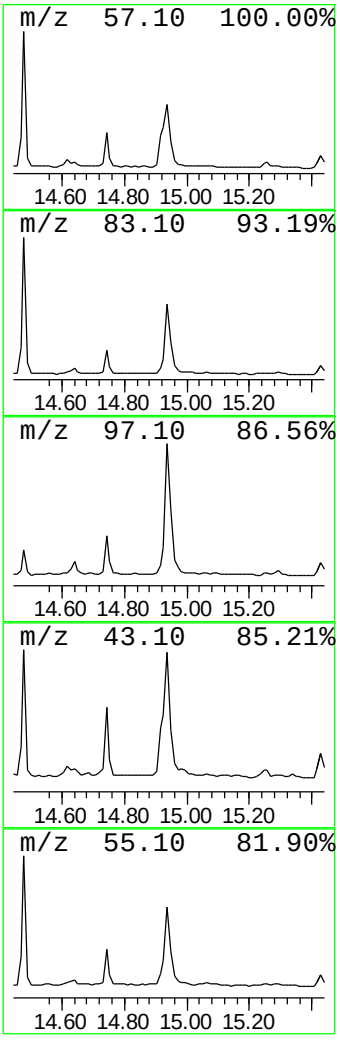
****

Peak Number 10 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	45.39 ng	759755	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

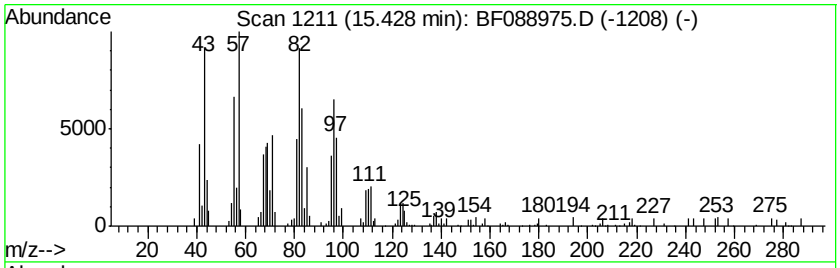
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

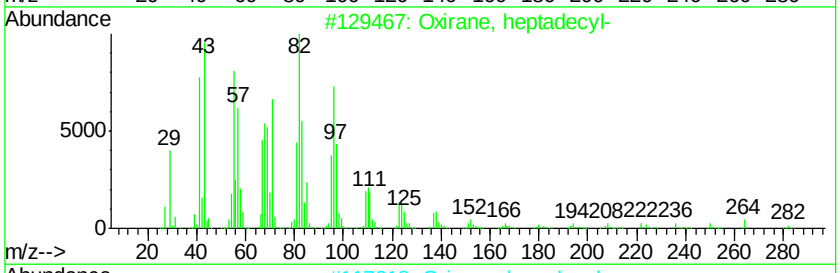
****

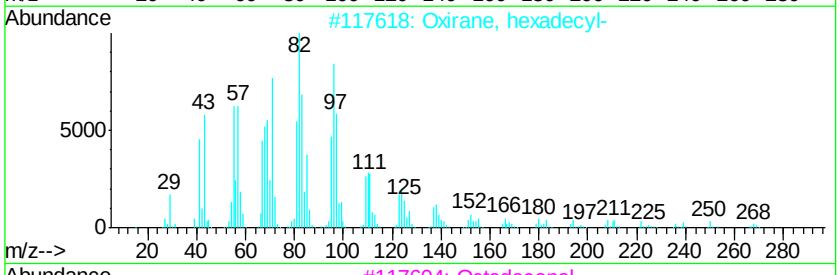
Peak Number 12 Oxirane, heptadecyl- Concentration Rank 12

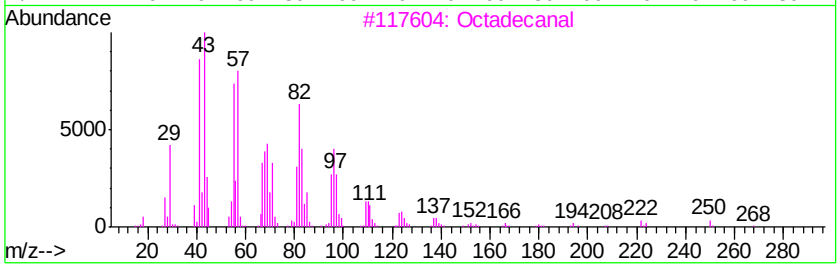
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	7.65 ng	128106	Perylene-d12	15.20

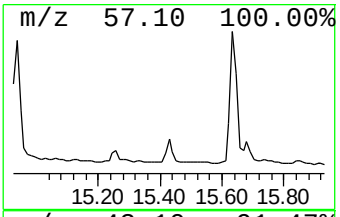
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	1,19-Eicosadiene	278	C20H38	014811-95-1	81
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	81

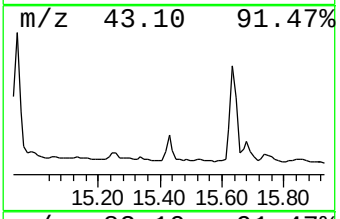


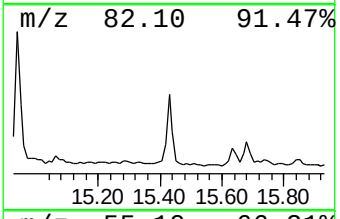


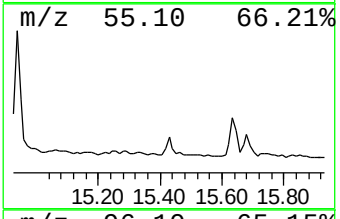


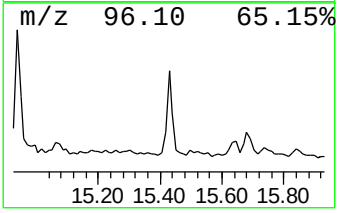












Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

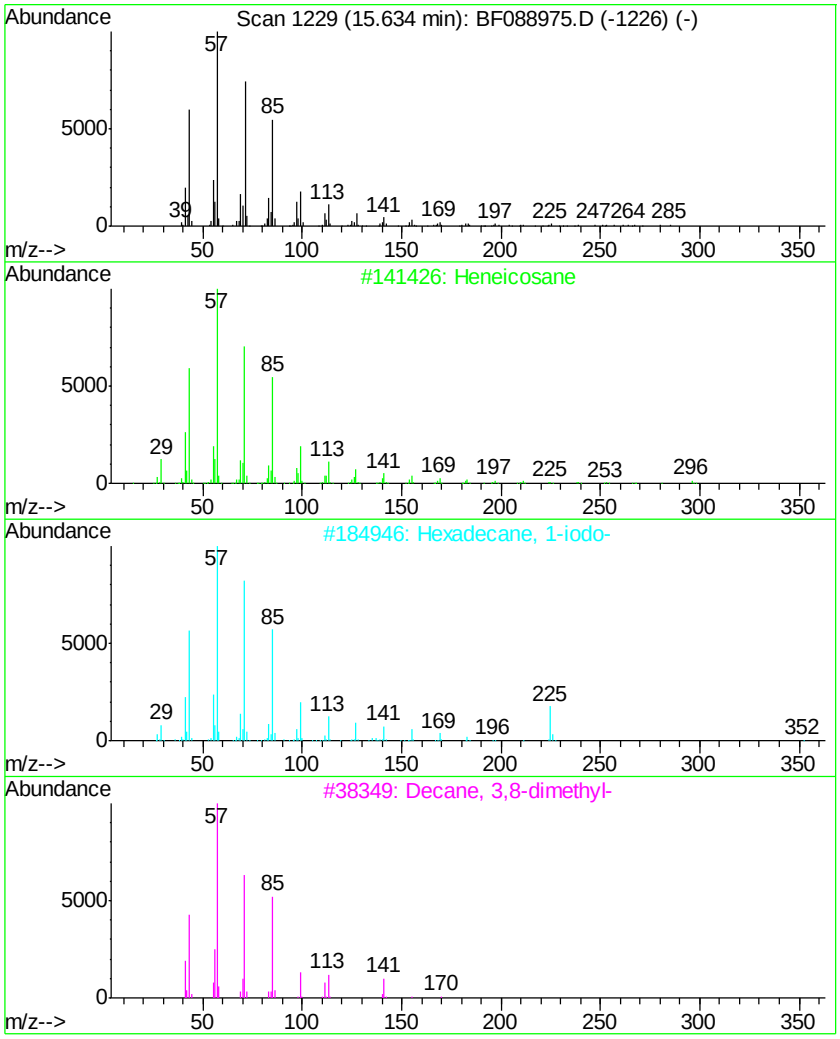
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

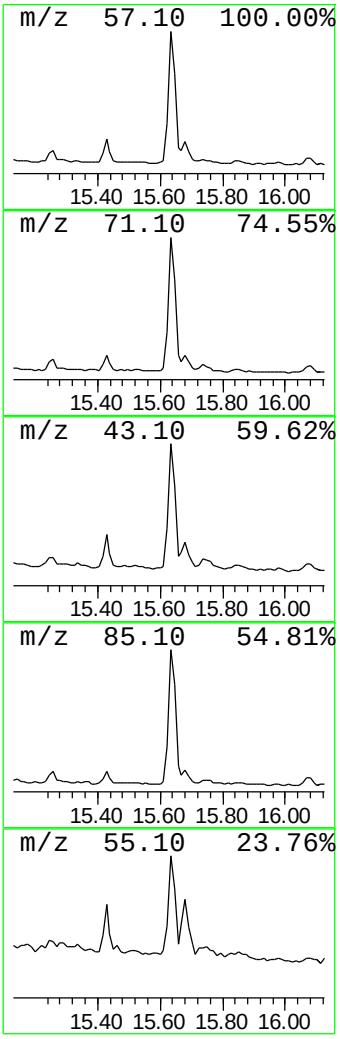
****

Peak Number 13 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	22.41 ng	375125	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

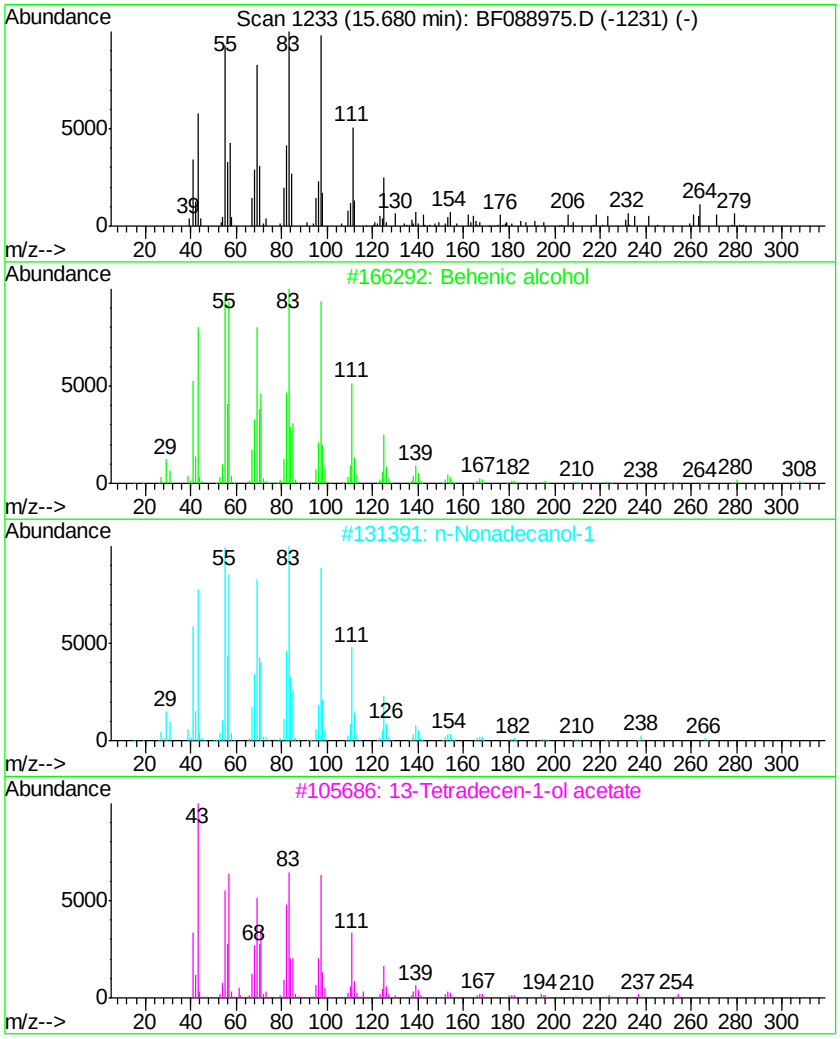
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

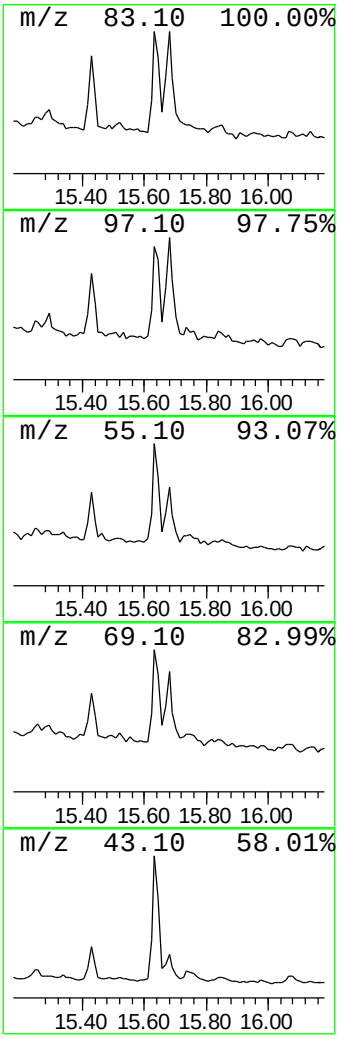
****

Peak Number 14 Behenic alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.70 ng	128944	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	86
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	52
4	1-Octadecanol, methyl ether	284	C19H40O	1000333-92-7	49
5	1-Heneicosanol	312	C21H44O	015594-90-8	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

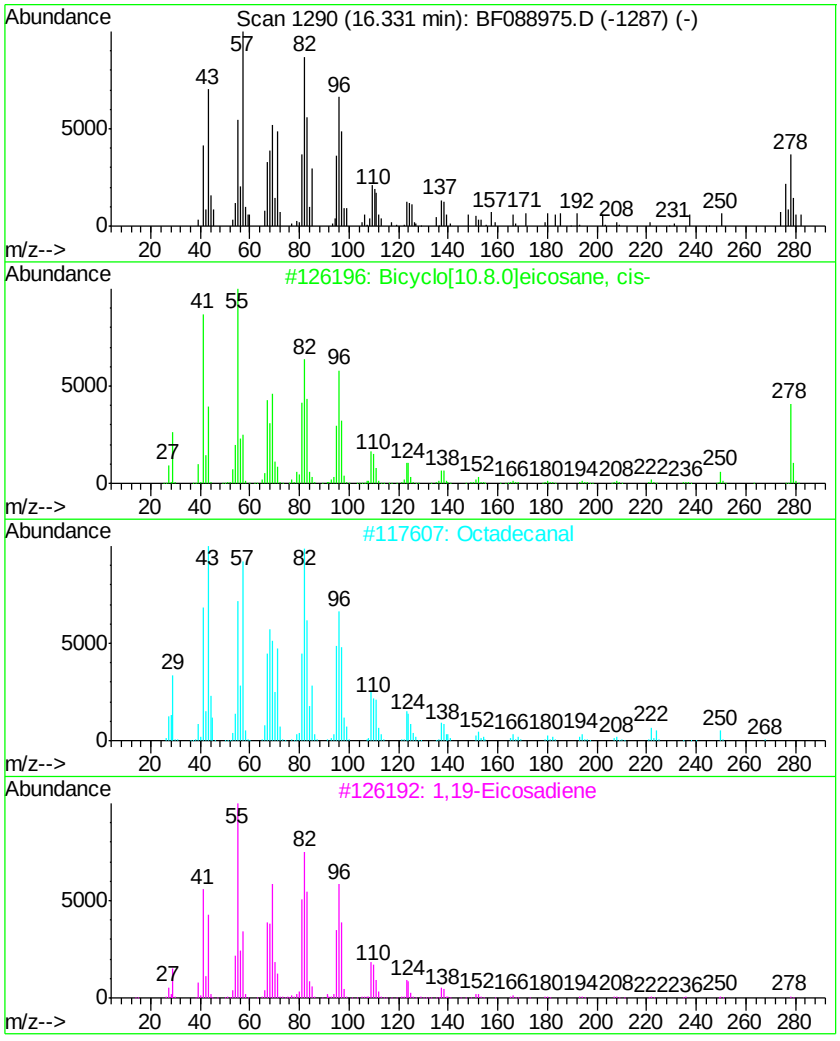
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

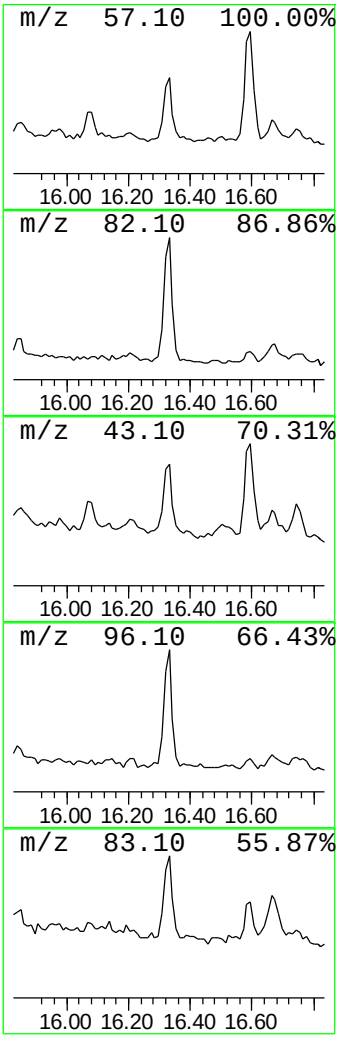
****

Peak Number 15 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	10.55 ng	176664	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	90
2	Octadecanal	268	C18H36O	000638-66-4	81
3	1,19-Eicosadiene	278	C20H38	014811-95-1	74
4	Heptadecanal	254	C17H34O	1000376-70-0	72
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

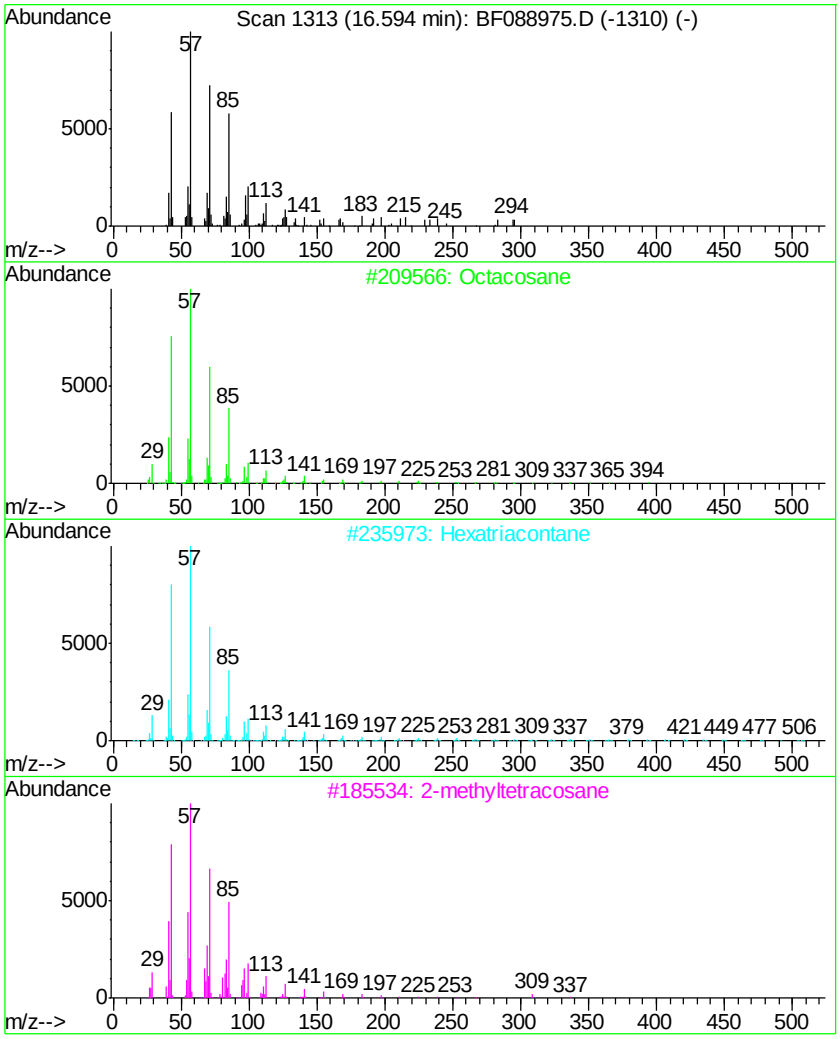
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

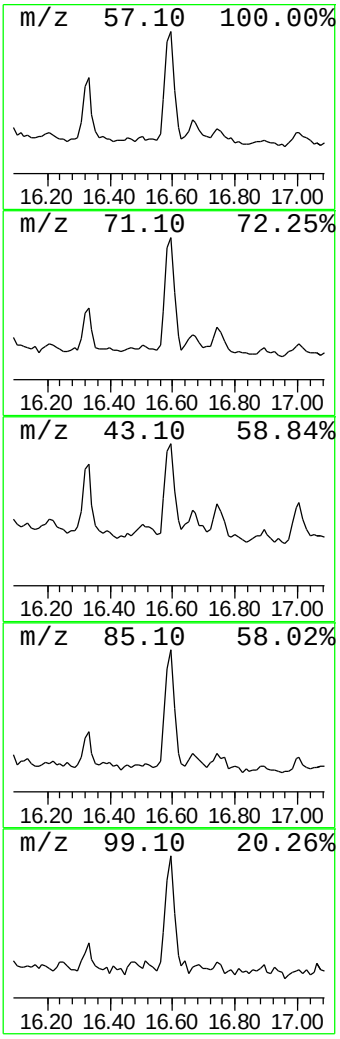
****

Peak Number 16 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.55 ng	92973	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hexatriacontane	507	C36H74	000630-06-8	86
3	2-methyltetracosane	352	C25H52	1000376-72-6	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

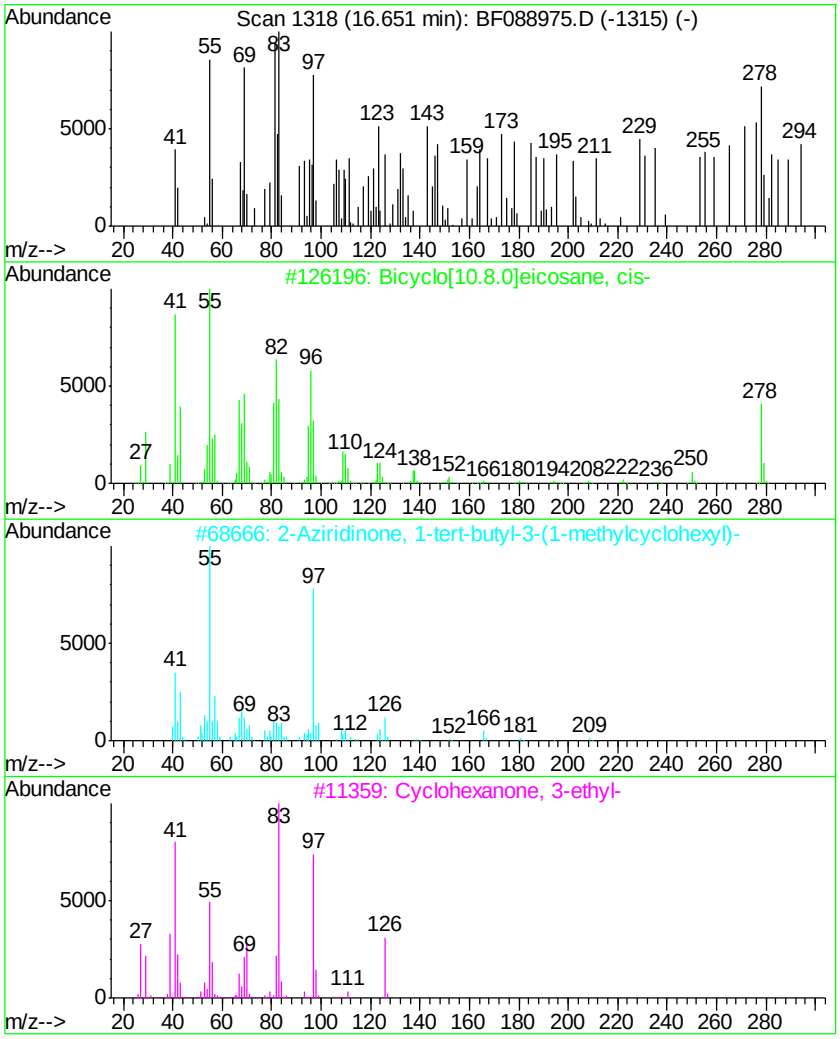
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

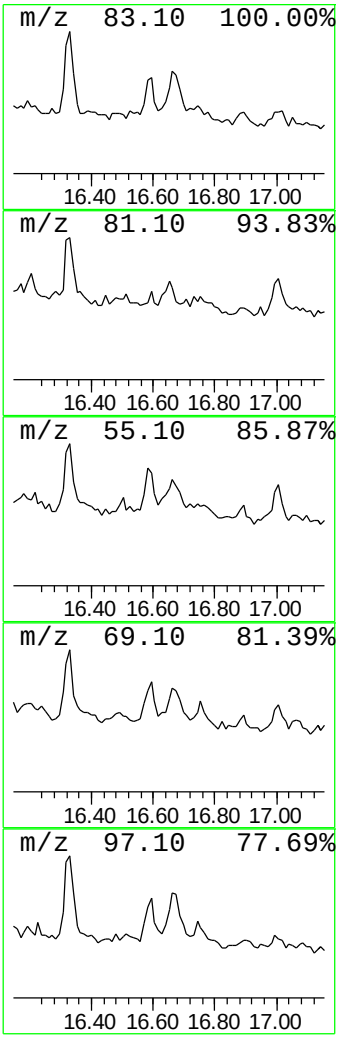
****

Peak Number 17 unknown16.65 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.80 ng	80326	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	22
2	2-Aziridinone, 1-tert-butyl-3-(1...	209	C13H23NO	024161-49-7	11
3	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	11
4	Cyclohexane, 1,1'-tetradecyliden...	362	C26H50	055334-08-2	10
5	Dodecane, 1-cyclopentyl-4-(3-cyc...	348	C25H48	007225-68-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

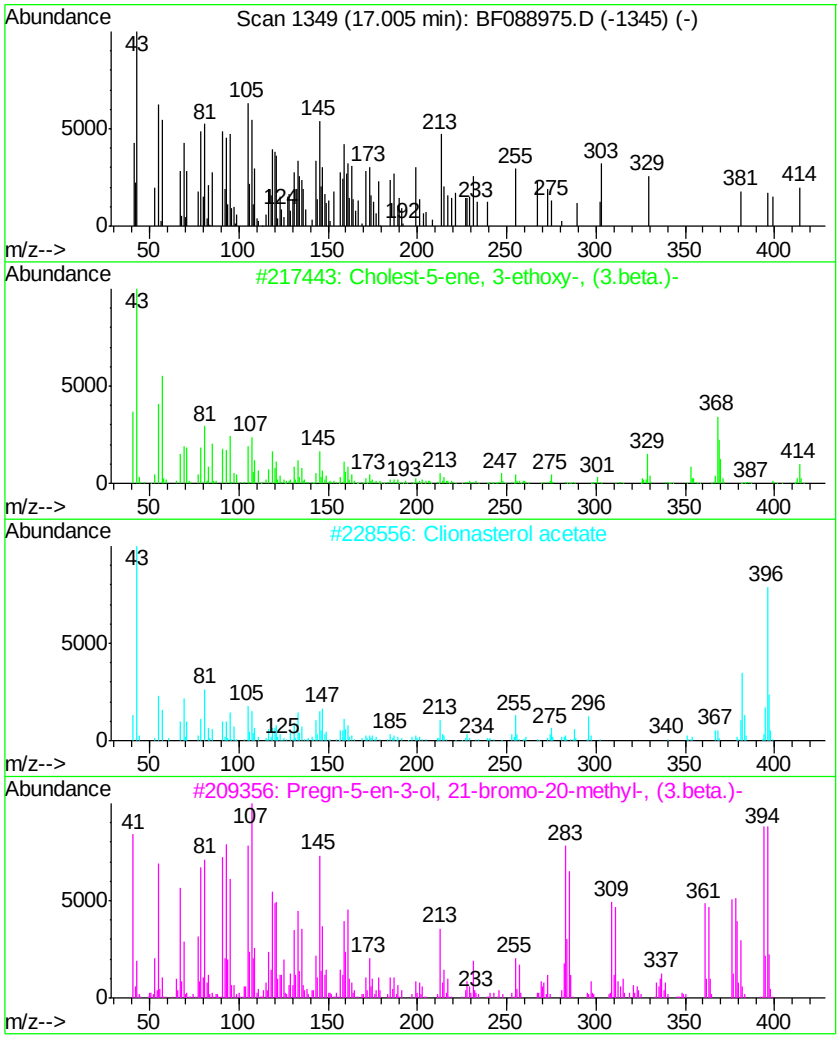
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

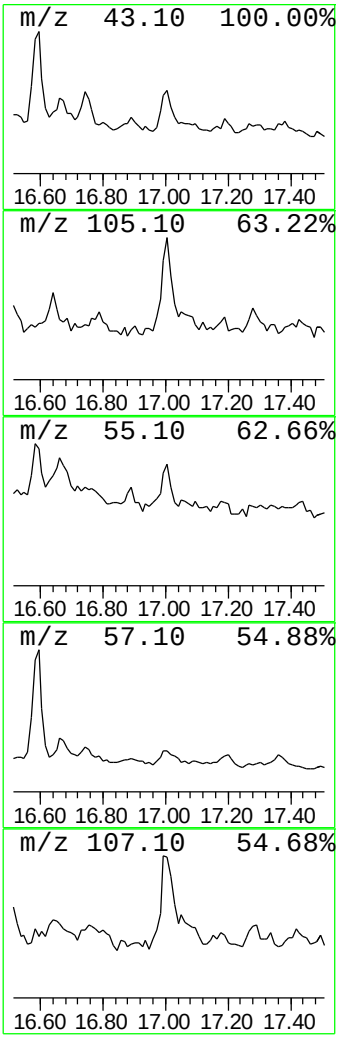
****

Peak Number 18 unknown17.01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	8.92 ng	149398	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	43
2	Clionasterol acetate	456	C31H52O2	004651-54-1	32
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	27
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	22
5	Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

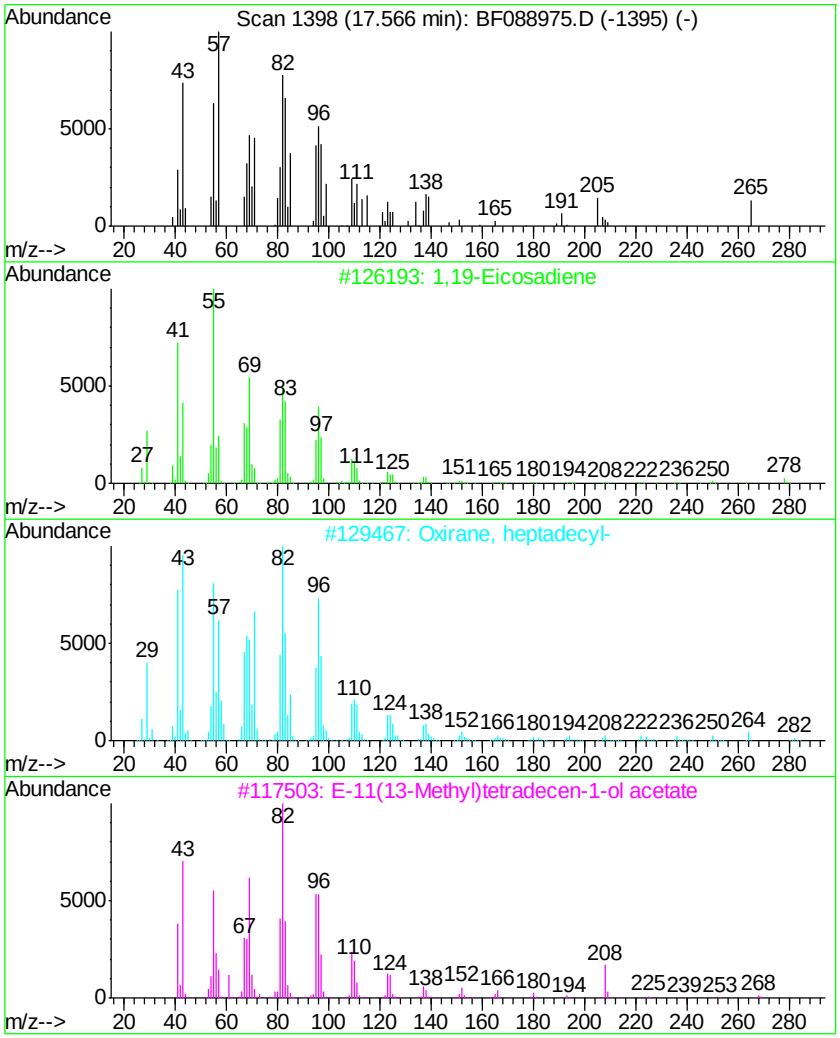
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

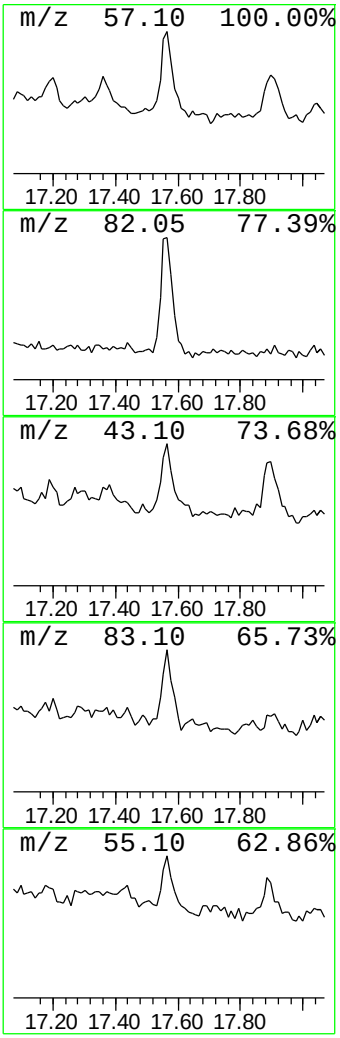
****

Peak Number 19 1,19-Eicosadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	5.57 ng	93259	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	64
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	49
3	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	43
4	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	27
5	N-Ethoxy-2-carbomenthyloxyaziridine	269	C15H27NO3	060999-68-0	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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

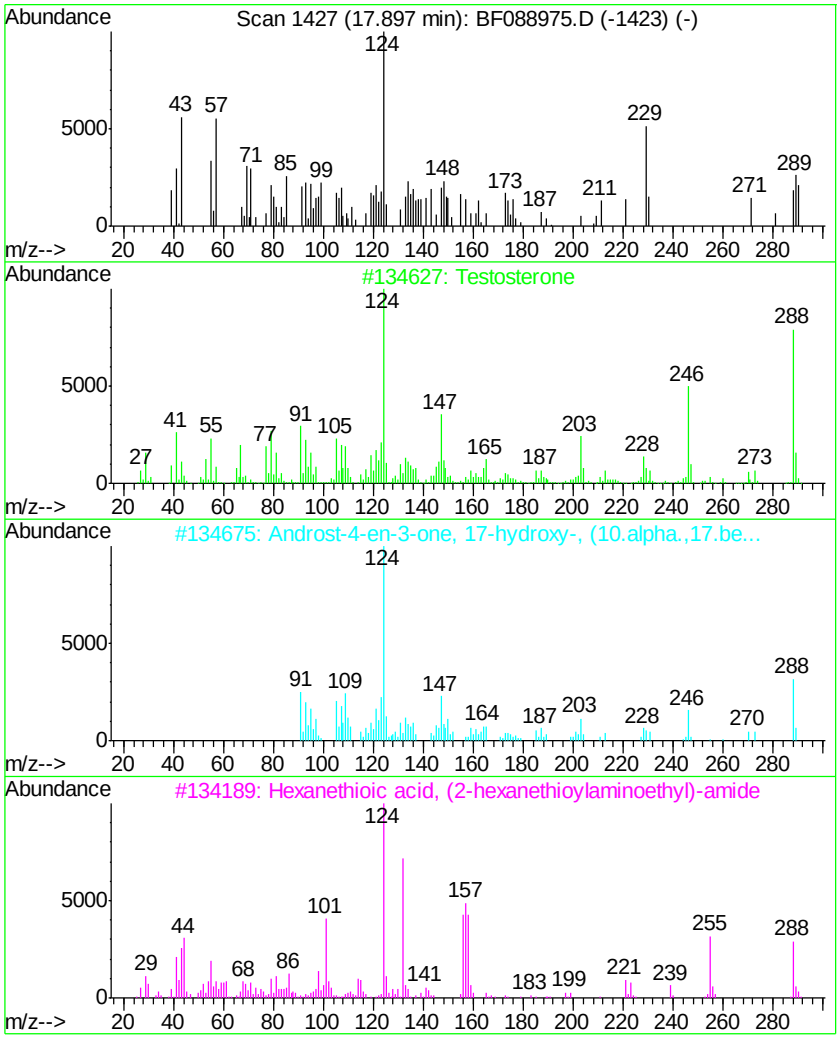
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

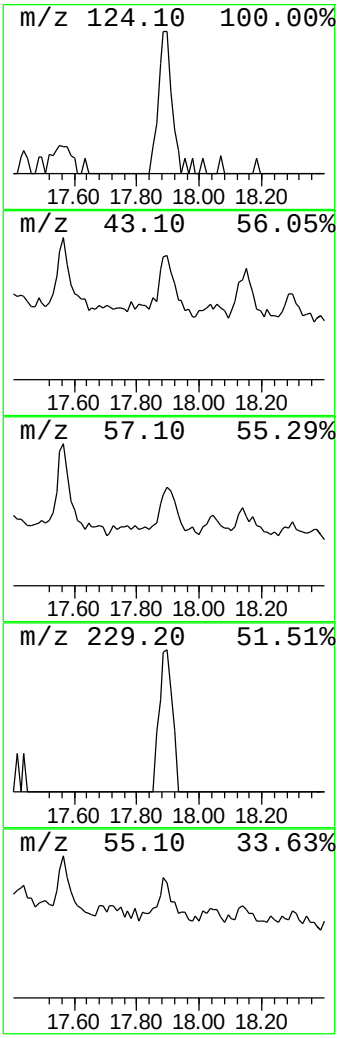
****

Peak Number 20 unknown17.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.05 ng	117984	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	41
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	41
3	Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	25
4	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	25
5	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088975.D
Acq On : 13 Jul 2016 23:36
Operator : UM/SJ
Sample : H3946-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M8-B3(0-5)C

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
Propane, 1,1-dime...	1.90	4.7	ng	106072	1	6.70	452233	20.0
2-Pentanone, 4-hy...	4.86	20.2	ng	457462	1	6.70	452233	20.0
unknown6.47	6.47	86.7	ng	1960760	1	6.70	452233	20.0
1-Decanol, 2-hexyl-	14.33	7.0	ng	293177	5	13.83	839480	20.0
1,7-Dimethyl-4-(1...	14.64	4.6	ng	77664	6	15.20	334803	20.0
Hexadecanal	14.74	15.3	ng	255873	6	15.20	334803	20.0
n-Tetracosanol-1	14.94	45.4	ng	759755	6	15.20	334803	20.0
Oxirane, heptadecyl-	15.43	7.7	ng	128106	6	15.20	334803	20.0
Heneicosane	15.63	22.4	ng	375125	6	15.20	334803	20.0
Behenic alcohol	15.68	7.7	ng	128944	6	15.20	334803	20.0
Bicyclo[10.8.0]ei...	16.33	10.6	ng	176664	6	15.20	334803	20.0
Octacosane	16.59	5.5	ng	92973	6	15.20	334803	20.0
unknown16.65	16.65	4.8	ng	80326	6	15.20	334803	20.0
unknown17.01	17.01	8.9	ng	149398	6	15.20	334803	20.0
1,19-Eicosadiene	17.57	5.6	ng	93259	6	15.20	334803	20.0
unknown17.90	17.90	7.0	ng	117984	6	15.20	334803	20.0