LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090363.D
Acq On : 5 Oct 2016 1:01
Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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-BF100416.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	5.217	249	252	255	rVB	1146081	1385051	22.95%	1.328%
2	5.617	285	287	289	rBV	4462554	5483619	90.85%	5.256%
3	6.554	367	369	371	rBV	1915438	1835102	30.40%	1.759%
4	6.634	373	376	378	rVB	5497839	5281377	87.50%	5.062%
5	6.783	386	389	391	rBV	5859499	5982426	99.12%	5.734%
6	7.012	407	409	411	rBV	1781570	1448711	24.00%	1.389%
7	7.172	420	423	425	rVB	5209638	4509711	74.72%	4.323%
8	7.572	455	458	460	rBV	3852638	3390684	56.18%	3.250%
9	7.652	463	465	468	rVB	131653	192936	3.20%	0.185%
10	7.926	486	489	491	rBV	419640	547351	9.07%	0.525%
11	7.995	491	495	498	rVV	143527	255899	4.24%	0.245%
12	8.303	519	522	524	rBV	1705162	1746390	28.93%	1.674%
13	9.012	582	584	586	rBV	1146601	1178529	19.53%	1.130%
14	9.378	613	616	618	rVB	7117605	5917338	98.04%	5.672%
15	9.492	624	626	632	rVB3	52142	117276	1.94%	0.112%
16	9.709	643	645	648	rBV4	35158	79958	1.32%	0.077%
17	9.766	648	650	653	rVB	1674823	1429714	23.69%	1.370%
18	9.983	666	669	671	rVB3	53941	107273	1.78%	0.103%
19	10.063	673	676	677	rVV	1390498	1736914	28.78%	1.665%
20	10.086	677	678	680	rVB	65919	70458	1.17%	0.068%
21	10.258	691	693	696	rVB2	89975	120125	1.99%	0.115%
22	10.486	709	713	715	rBV	141618	209368	3.47%	0.201%
23	10.715	730	733	736	rBV2	60755	121053	2.01%	0.116%
24	10.852	742	745	747	rBV	3155008	3632636	60.18%	3.482%
25	10.966	750	755	760	rBV	211737	285457	4.73%	0.274%
26	11.058	760	763	765	rBV3	67082	106922	1.77%	0.102%
27	11.206	773	776	778	rBV3	103941	158809	2.63%	0.152%
28	11.252	778	780	782	rVV	114689	109815	1.82%	0.105%
29	11.344	786	788	791	rVB	39493	73295	1.21%	0.070%
30	11.412	792	794	796	rBV2	138204	159760	2.65%	0.153%
31	11.446	796	797	799	rVB	95868	75375	1.25%	0.072%
32	11.492	799	801	803	rBV2	83643	122419	2.03%	0.117%
33	11.549	803	806	807	rBV	2162428	1852498	30.69%	1.776%
34	11.606	810	811	814	rVB2	139890	231815	3.84%	0.222%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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-BF100416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.766	823	825	827	rBV2	483382	513544	8.51%	0.492%
36	11.846	829	832	834	rVV2	74658	93730	1.55%	0.090%
37	12.006	844	846	847	rBV	66305	95246	1.58%	0.091%
38	12.075	850	852	855	rVV	2035784	2031464	33.66%	1.947%
39	12.166	858	860	864	rVV2	131804	248526	4.12%	0.238%
40	12.246	865	867	869	rVV	129438	157059	2.60%	0.151%
41	12.349	873	876	880	rBV3	86903	198427	3.29%	0.190%
42	12.498	885	889	891	rBV3	44717	88329	1.46%	0.085%
43	12.589	895	897	899	rBV2	207499	270969	4.49%	0.260%
44	12.635	899	901	904	rVB2	59888	116958	1.94%	0.112%
45	12.761	910	912	919	rBV	890150	1467433	24.31%	1.407%
46	12.864	919	921	928	rBV	1435721	1532799	25.40%	1.469%
47	12.955	928	929	930	rBV	96777	119464	1.98%	0.115%
48	12.989	930	932	935	rVB	572903	820104	13.59%	0.786%
49	13.138	943	945	948	rBV	5376544	6035827	100.00%	5.786%
50	13.195	948	950	956	rVB4	170562	470394	7.79%	0.451%
51	13.344	962	963	964	rBV	196981	142675	2.36%	0.137%
52	13.378	964	966	968	rVB2	127737	171996	2.85%	0.165%
53	13.424	968	970	974	rVB4	69833	139005	2.30%	0.133%
54	13.504	974	977	980	rBV3	161970	290712	4.82%	0.279%
55	13.549	980	981	983	rBV2	102015	135290	2.24%	0.130%
56	13.584	983	984	986	rBV2	154617	213231	3.53%	0.204%
57	13.698	993	994	1000	rVB5	146009	303837	5.03%	0.291%
58	13.835	1003	1006	1008	rBV	311595	325243	5.39%	0.312%
59	13.938	1013	1015	1017	rBV3	73627	135842	2.25%	0.130%
60	13.995	1017	1020	1022	rBV3	351422	632648	10.48%	0.606%
61	14.030	1022	1023	1027	rVB	1168145	1728559	28.64%	1.657%
62	14.201	1034	1038	1039	rBV3	2208888	3571647	59.17%	3.424%
63	14.258	1041	1043	1046	rVV	430156	516126	8.55%	0.495%
64	14.304	1046	1047	1049	rVV2	143741	152788	2.53%	0.146%
65	14.361	1050	1052	1056	rVB2	278388	358629	5.94%	0.344%
66	14.487	1061	1063	1065	rBV	367231	325642	5.40%	0.312%
67	14.578	1069	1071	1073	rBV2	130655	217217	3.60%	0.208%
68	14.681	1077	1080	1082	rBV	3046515	4022560	66.64%	3.856%
69	14.807	1089	1091	1092	rBV2	88197	102722	1.70%	0.098%
70	14.898	1096	1099	1101	rBV	704123	856621	14.19%	0.821%
71	15.001	1105	1108	1112	rVB	308376	527917	8.75%	0.506%

LSC Area Percent Report

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Acq On : 5 Oct 2016 1:01
Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.070	1112	1114	1118	rVB2	177737	270268	4.48%	0.259%
73	15.150	1118	1121	1123	rBV	945700	1200507	19.89%	1.151%
74	15.264	1127	1131	1136	rBV	333807	815161	13.51%	0.781%
75	15.367	1136	1140	1144	rBV2	1640547	3236363	53.62%	3.102%
76	15.435	1144	1146	1152	rVB2	146437	258580	4.28%	0.248%
77	15.527	1152	1154	1156	rBV	197121	243629	4.04%	0.234%
78	15.573	1156	1158	1160	rBV	152481	172459	2.86%	0.165%
79	15.641	1161	1164	1167	rBV	339423	495906	8.22%	0.475%
80	15.710	1167	1170	1172	rBV	1185800	1433856	23.76%	1.374%
81	15.961	1189	1192	1200	rVV	1290875	1992474	33.01%	1.910%
82	16.087	1201	1203	1210	rVV3	119840	255684	4.24%	0.245%
83	16.213	1211	1214	1216	rVV	829168	1344458	22.27%	1.289%
84	16.258	1216	1218	1223	rVV	1025720	1803806	29.88%	1.729%
85	16.338	1223	1225	1226	rVV	171066	282906	4.69%	0.271%
86	16.373	1226	1228	1233	rVV3	238773	451843	7.49%	0.433%
87	16.464	1233	1236	1243	rVB3	230490	720100	11.93%	0.690%
88	17.047	1284	1287	1291	rBV	792178	1724331	28.57%	1.653%
89	17.230	1300	1303	1304	rBV	97402	223138	3.70%	0.214%
90	17.276	1304	1307	1312	rVB2	233307	700949	11.61%	0.672%
91	17.378	1313	1316	1318	rBV	204133	431277	7.15%	0.413%
92	17.458	1318	1323	1328	rVB3	574606	1763876	29.22%	1.691%
93	17.573	1329	1333	1335	rBV2	197936	502237	8.32%	0.481%
94	17.870	1354	1359	1365	rBV	666744	1789795	29.65%	1.716%
95	18.213	1386	1389	1393	rBV2	149336	363373	6.02%	0.348%
96	18.567	1416	1420	1423	rBV	219174	663698	11.00%	0.636%
97	18.716	1429	1433	1443	rVB3	336853	1022467	16.94%	0.980%
98	18.956	1450	1454	1461	rVB2	145974	447006	7.41%	0.428%
99	19.139	1467	1470	1476	rVB	157435	447570	7.42%	0.429%
100	19.527	1501	1504	1505	rBV	88396	180760	2.99%	0.173%

Sum of corrected areas: 104325721

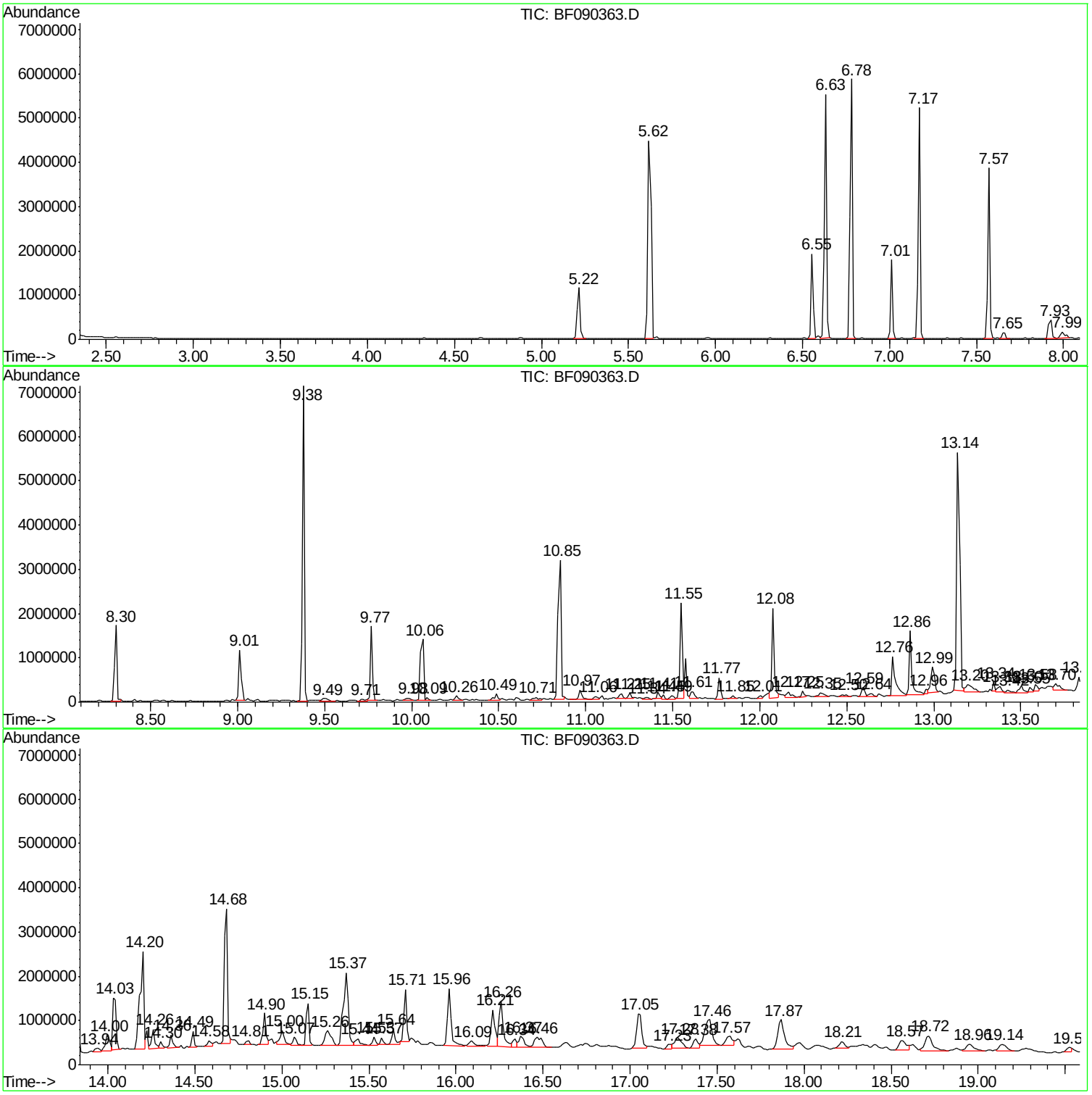
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090363.D
Acq On : 5 Oct 2016 1:01
Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.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\BF100416\
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

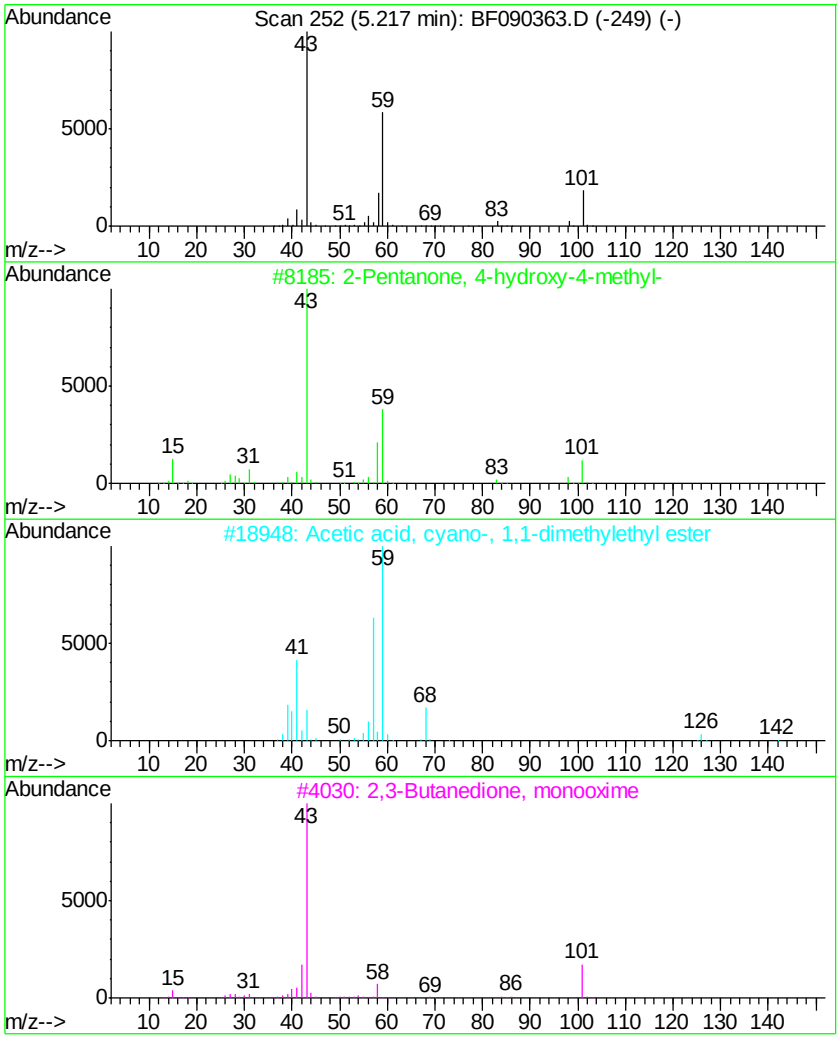
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

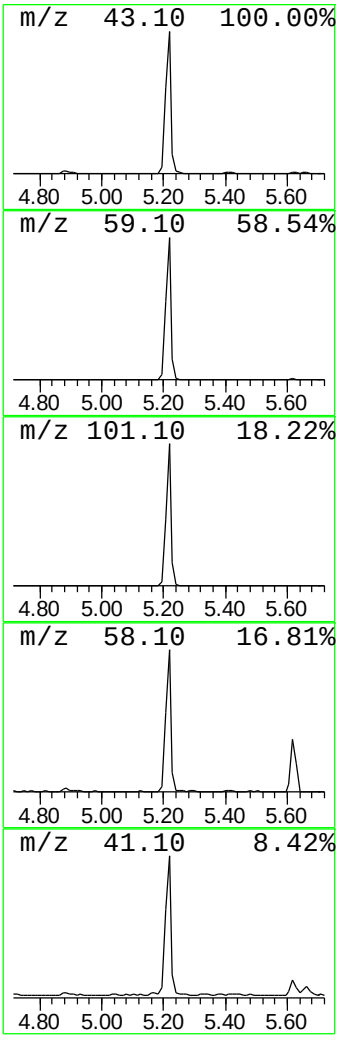
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	19.12 ng	1385050	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090363.D
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Operator : UM/SJ
Sample : H5025-02
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Instrument : BNA_F
ClientSampleId : PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

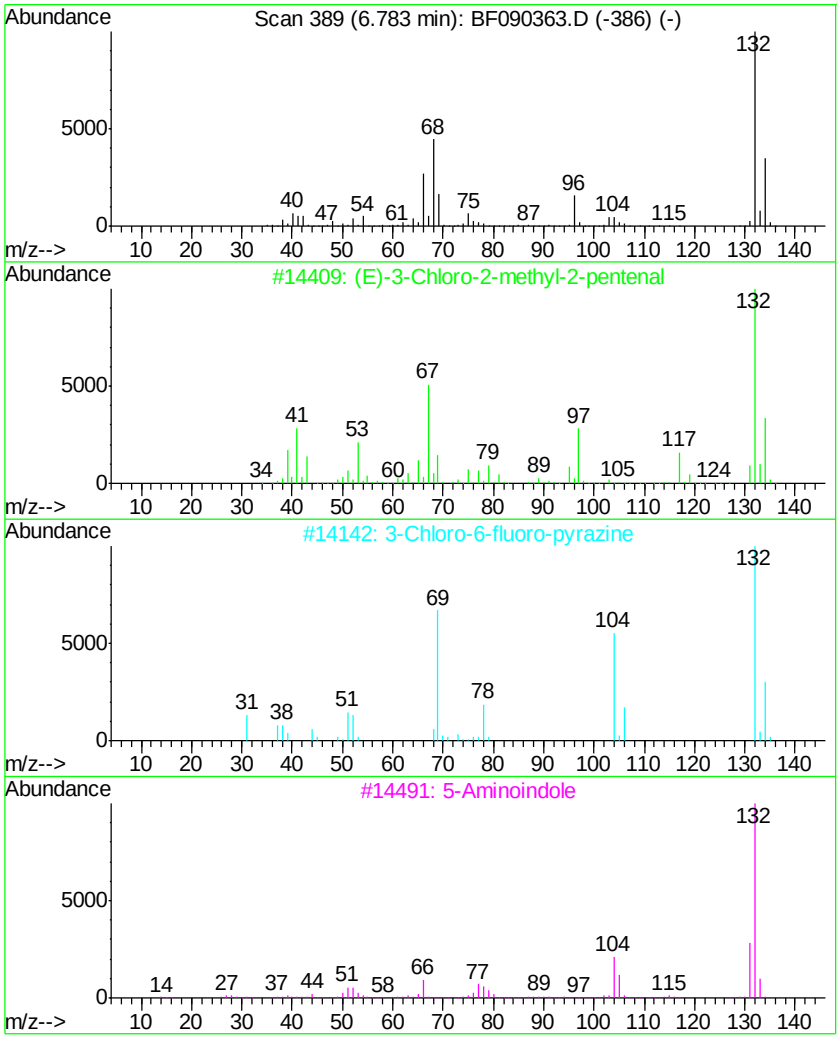
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

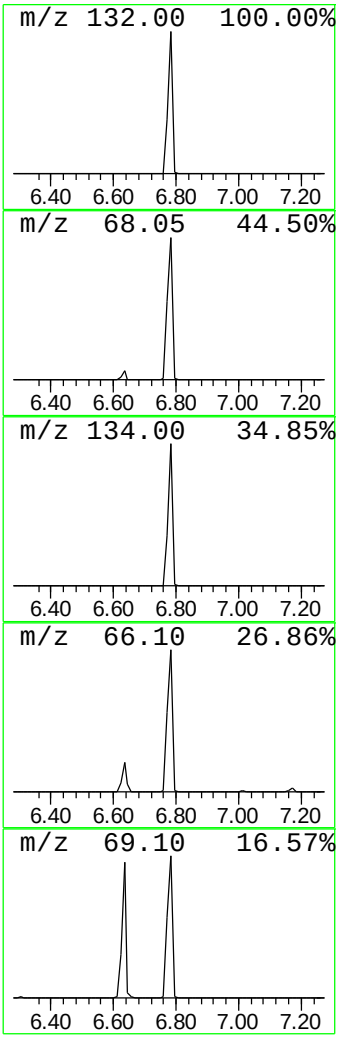
****

Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	82.59 ng	5982430	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

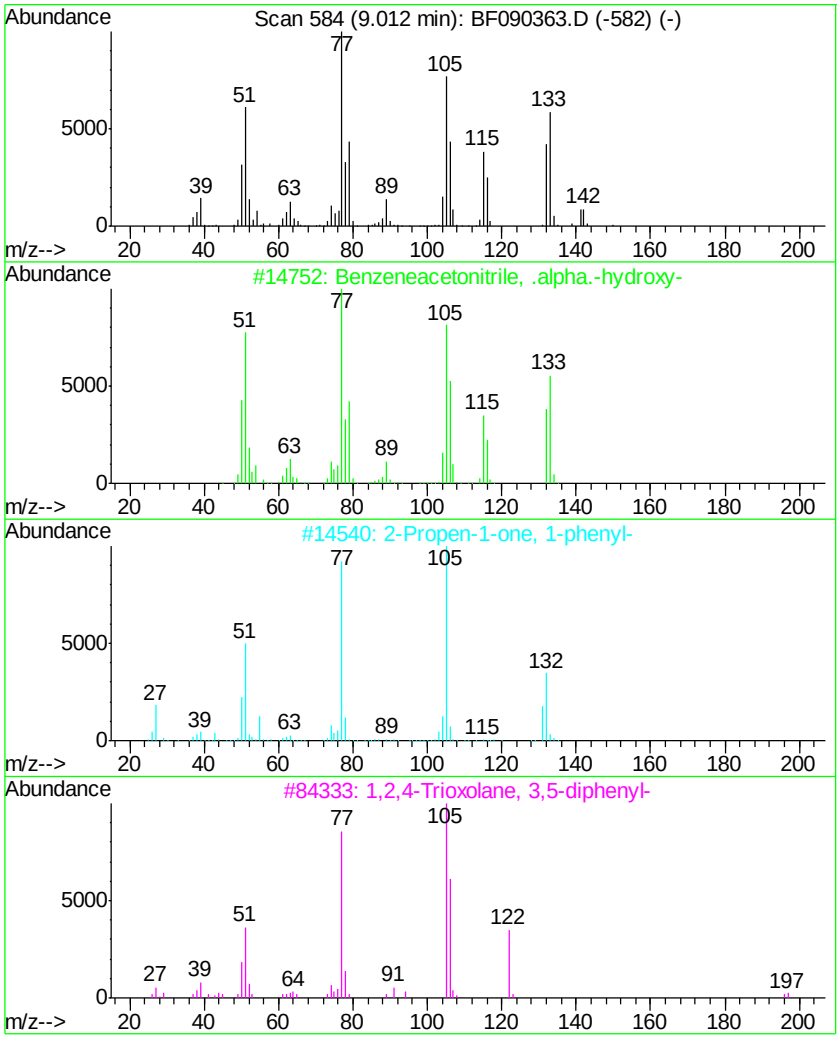
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

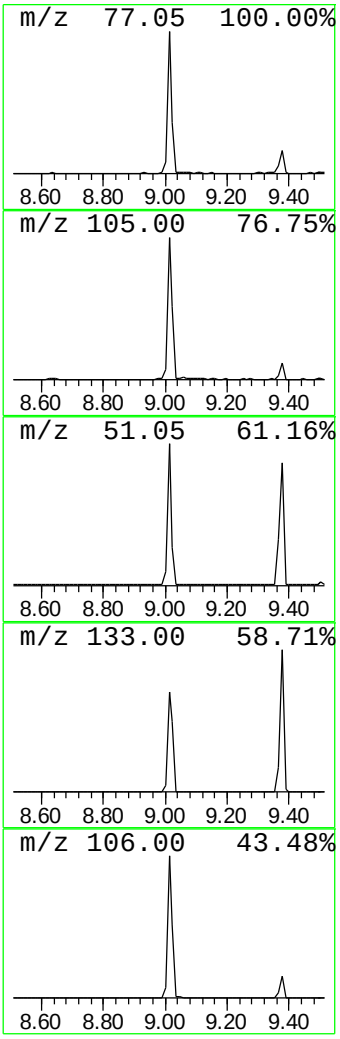
****

Peak Number 4 Benzeneacetonitrile, .alpha... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	13.50 ng	1178530	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	98
2	2-Propen-1-one, 1-phenyl-	132	C9H8O	000768-03-6	38
3	1,2,4-Trioxolane, 3,5-diphenyl-	228	C14H12O3	023888-15-5	35
4	Benzaldehyde	106	C7H6O	000100-52-7	35
5	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090363.D
Acq On : 5 Oct 2016 1:01
Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

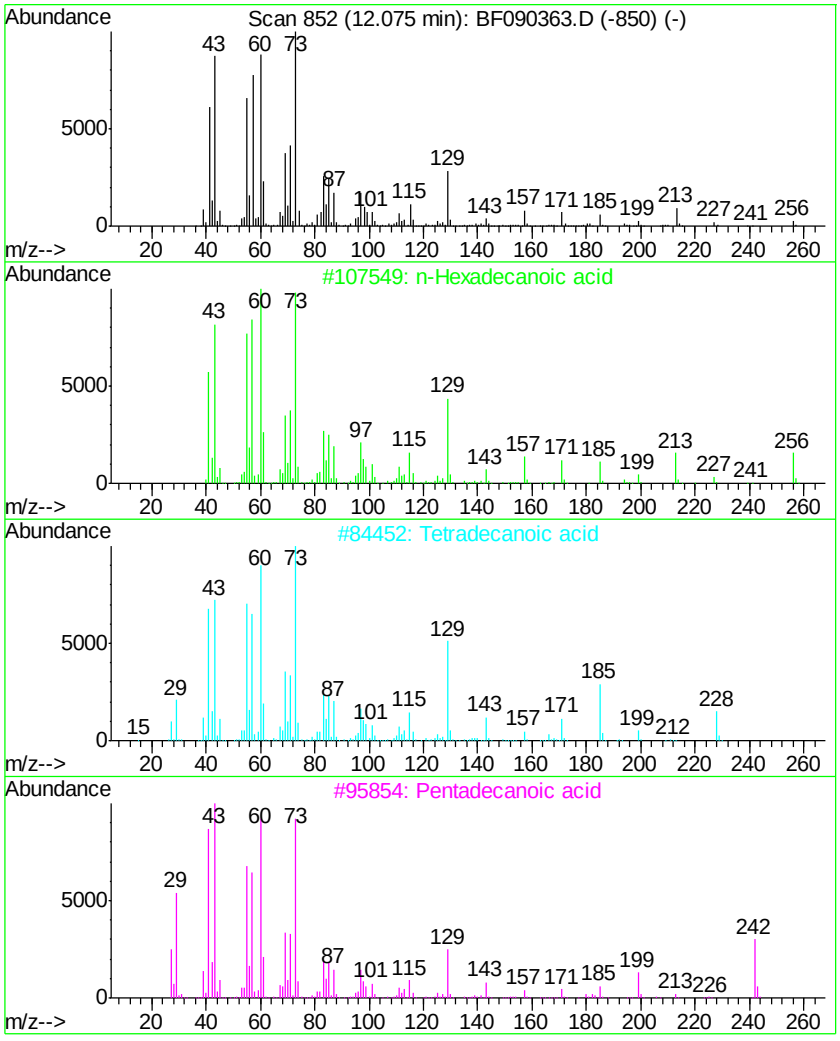
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

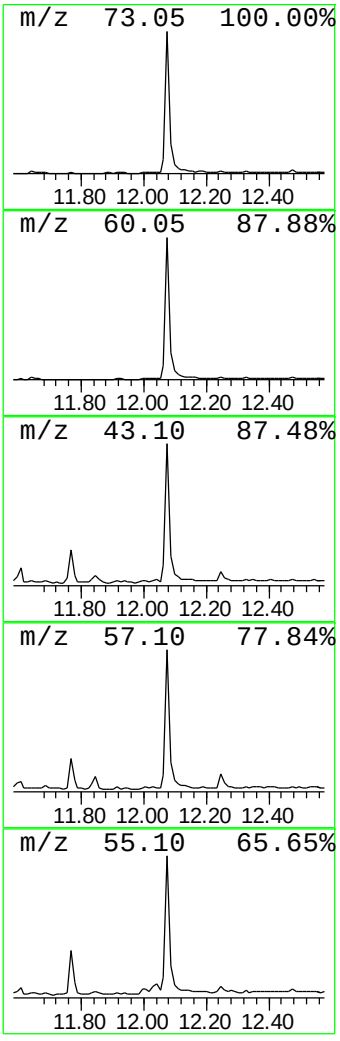
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	21.93 ng	2031460	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Undecane	156	C11H24	001120-21-4	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090363.D
Acq On : 5 Oct 2016 1:01
Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

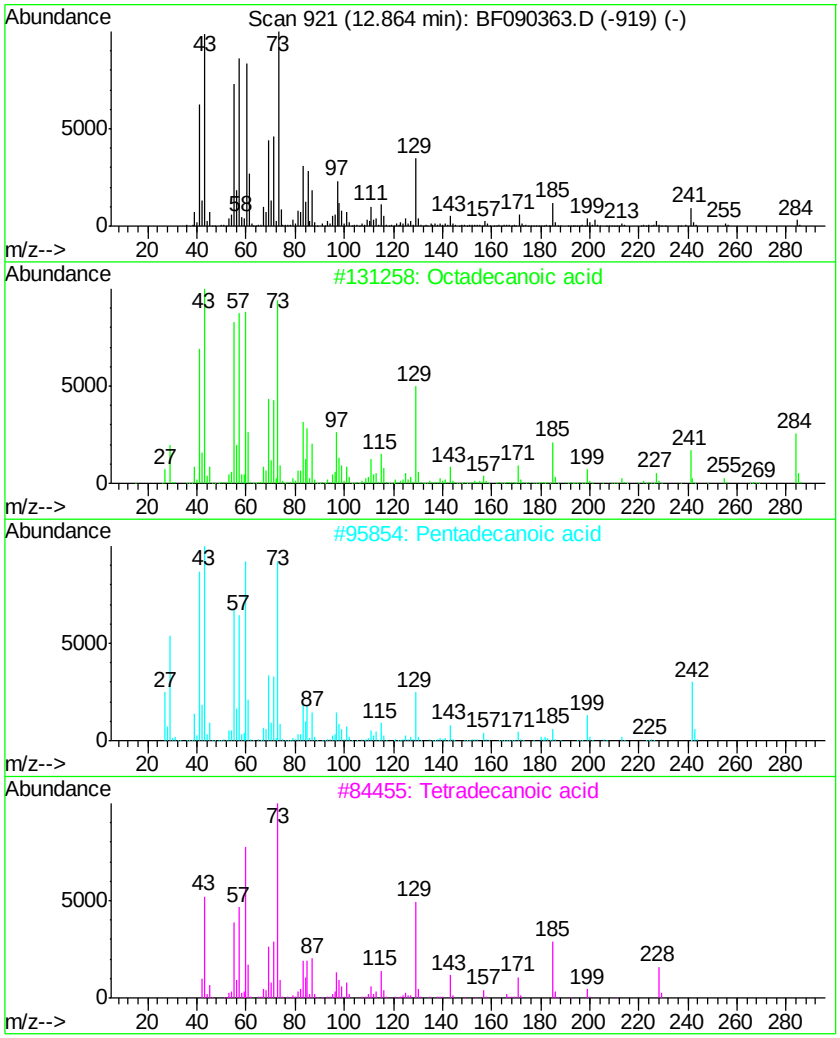
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

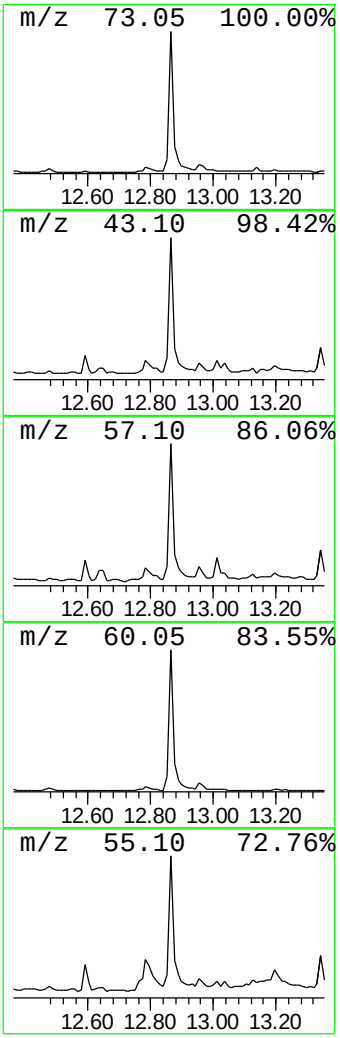
****

Peak Number 6 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	16.55 ng	1532800	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090363.D
Acq On : 5 Oct 2016 1:01
Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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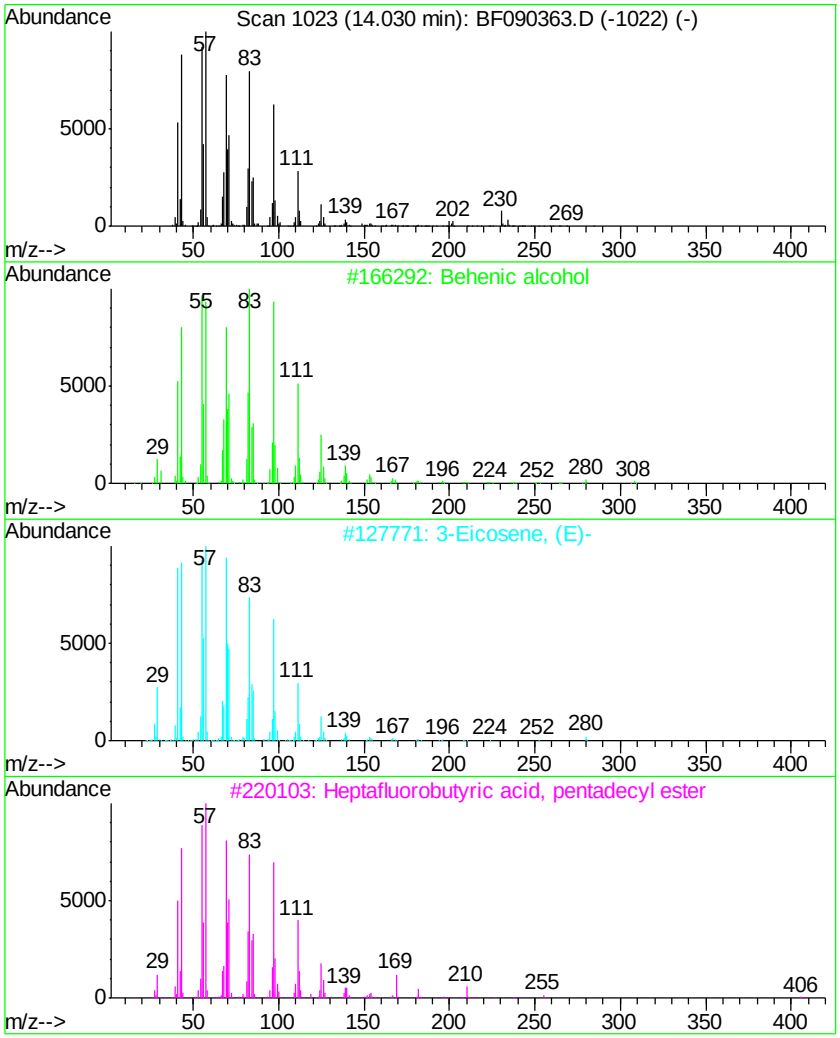
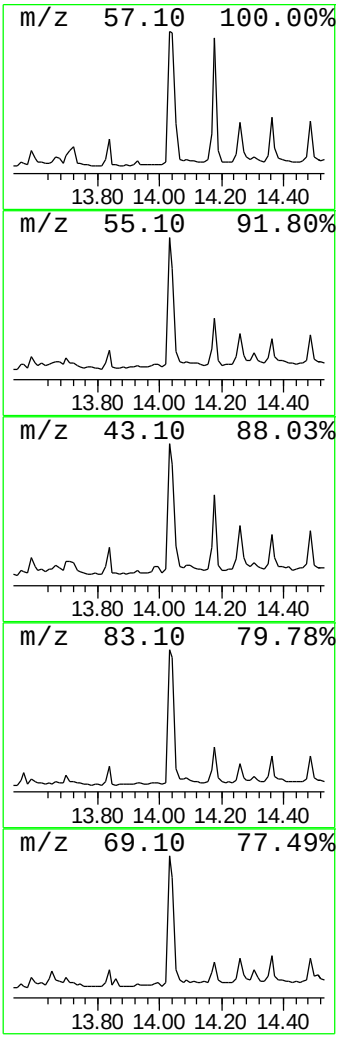
Peak Number 7 Behenic alcohol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	9.68 ng	1728560	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Acq On : 5 Oct 2016 1:01
Operator : UM/SJ
Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.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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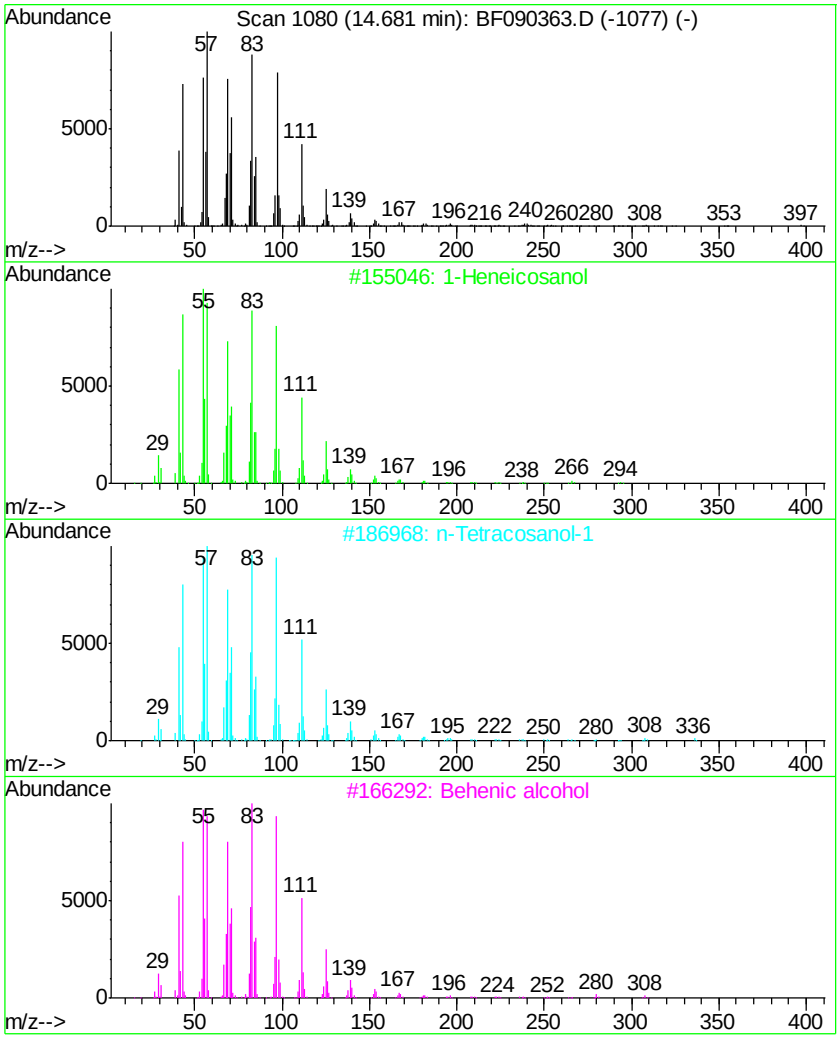
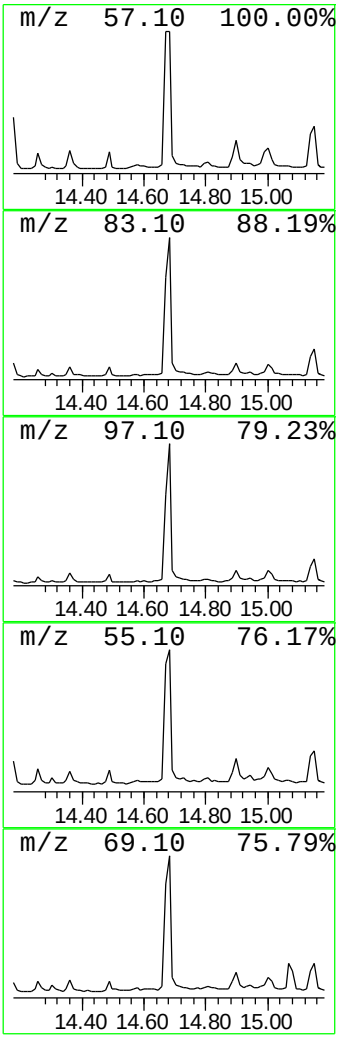
Peak Number 8 1-Heneicosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	22.53 ng	4022560	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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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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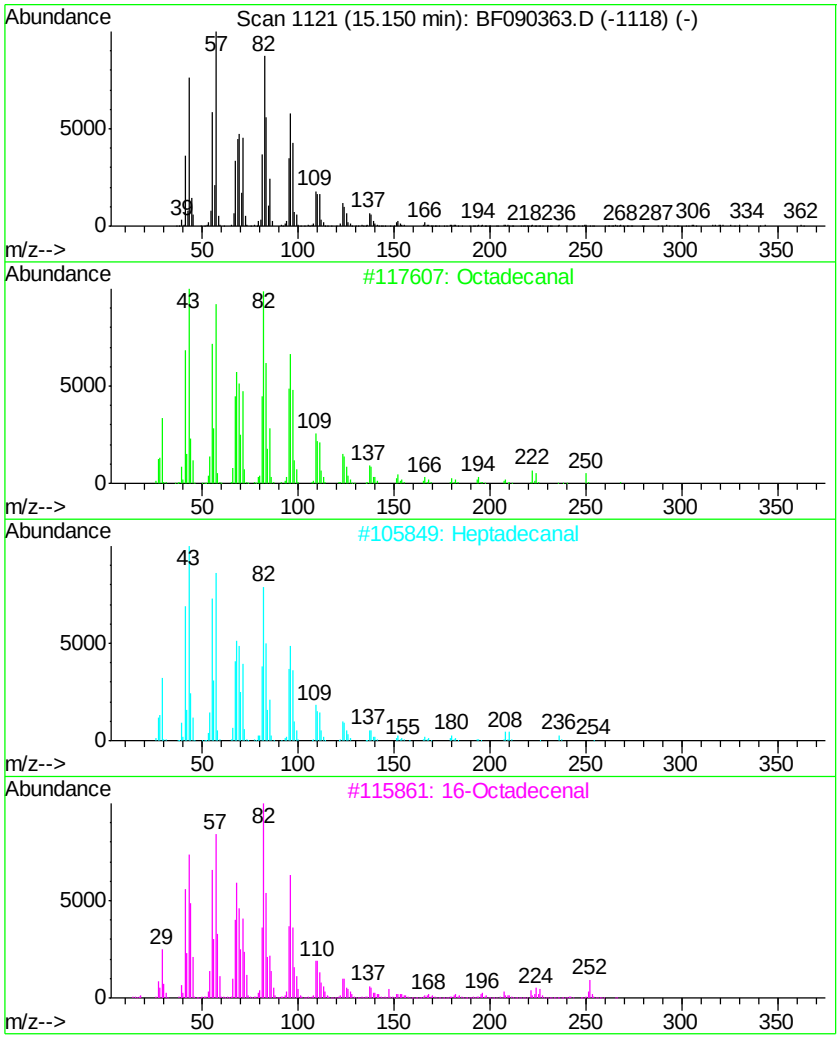
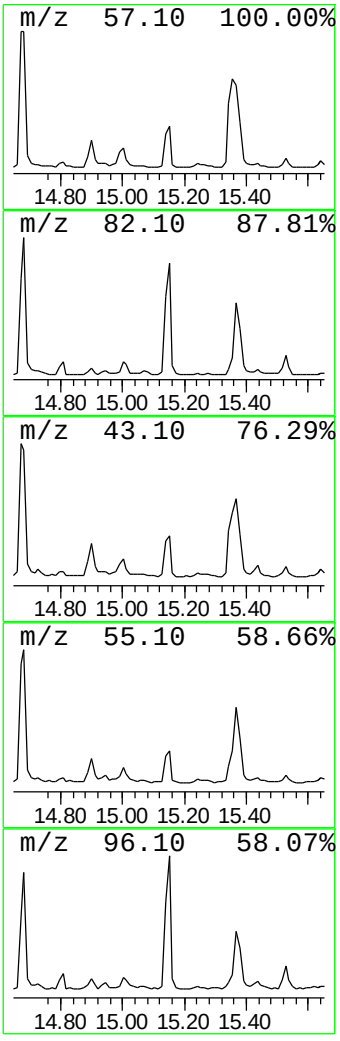
Peak Number 9 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	16.75 ng	1200510	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Heptadecanal	254	C17H34O	1000376-70-0	94
3	16-Octadecenal	266	C18H34O	056554-87-1	94
4	14-Octadecenal	266	C18H34O	056554-89-3	94
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





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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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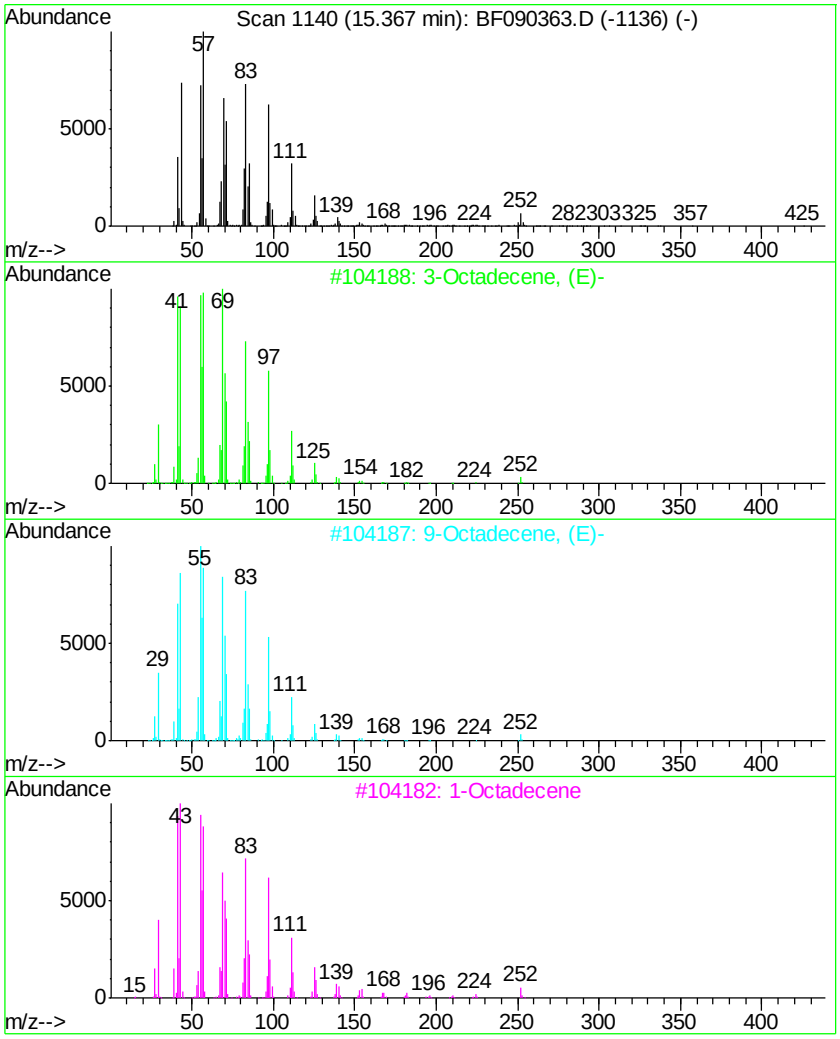
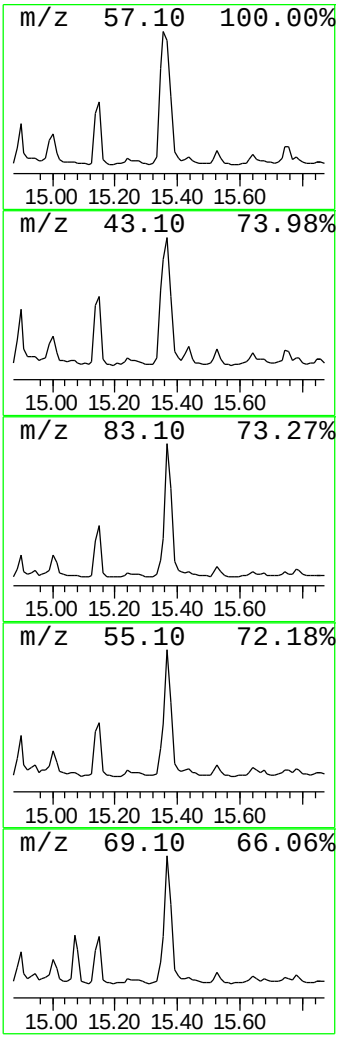
Peak Number 10 3-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	45.14 ng	3236360	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	92
3	1-Octadecene	252	C18H36	000112-88-9	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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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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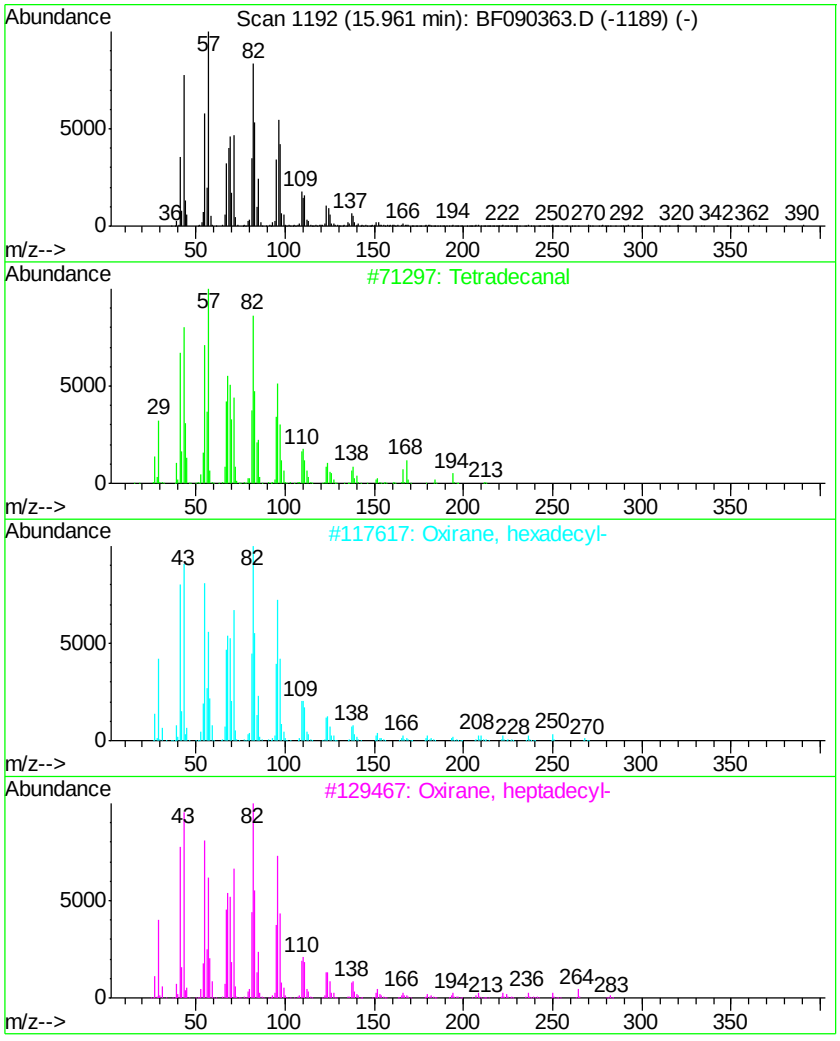
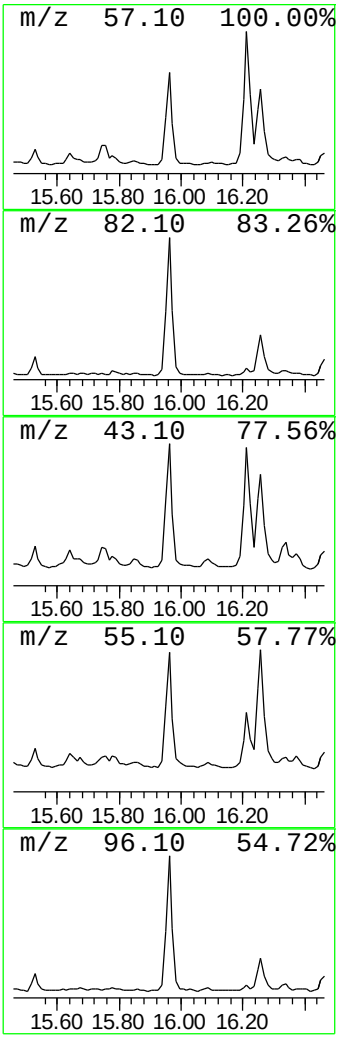
Peak Number 11 Tetradecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	27.79 ng	1992470	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Pentadecanal-	226	C15H30O	002765-11-9	74





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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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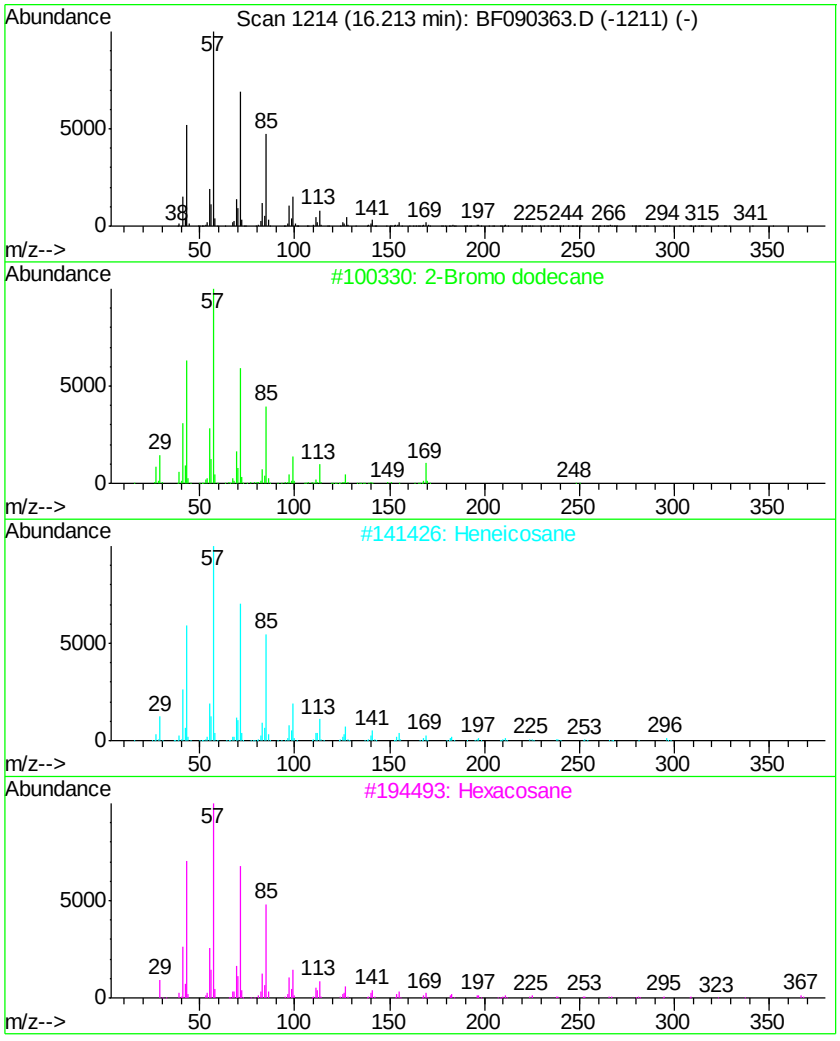
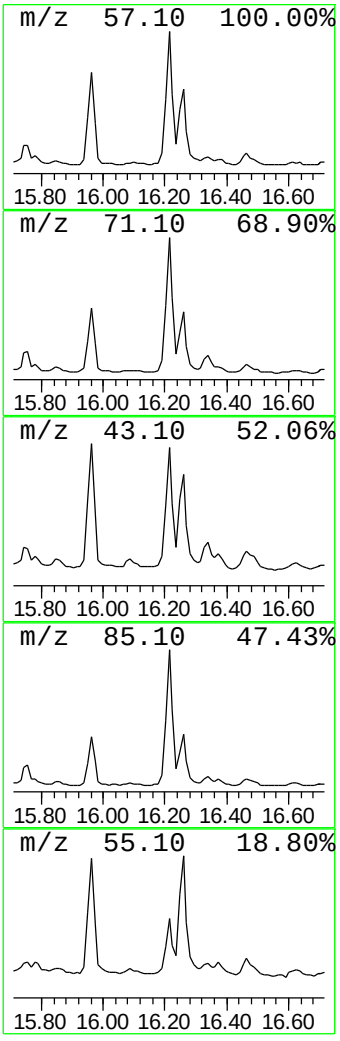
Peak Number 12 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	18.75 ng	1344460	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Pentacosane	352	C25H52	000629-99-2	90





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Operator : UM/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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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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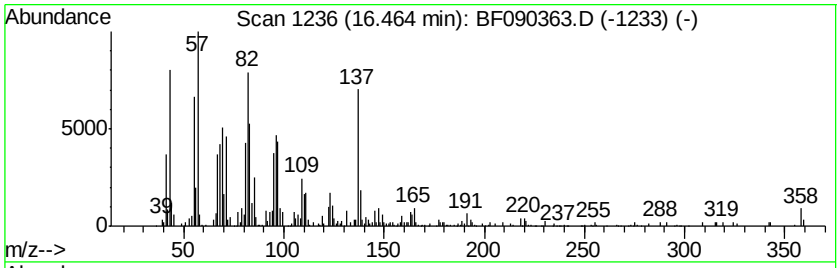
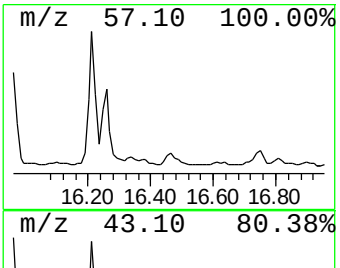
Peak Number 14 Oxirane, heptadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	10.04 ng	720100	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Pentadecanal-	226	C15H30O	002765-11-9	87
4	Octadecanal	268	C18H36O	000638-66-4	83
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	64





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Acq On : 5 Oct 2016 1:01
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Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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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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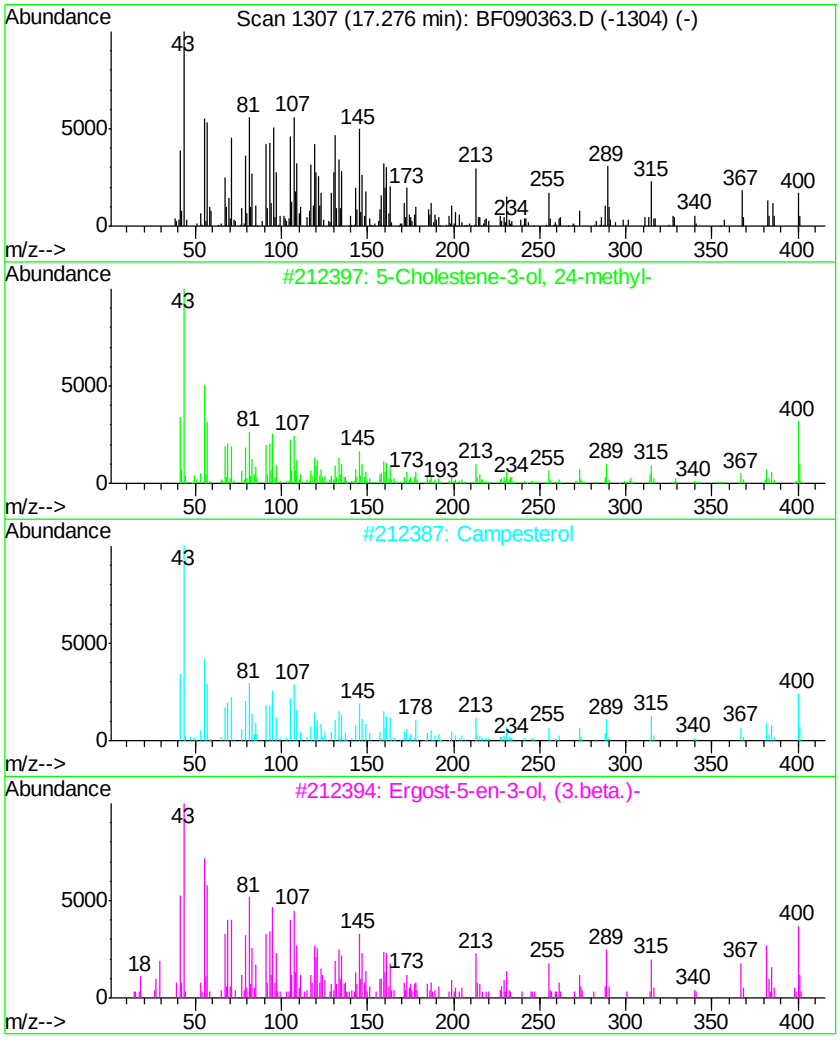
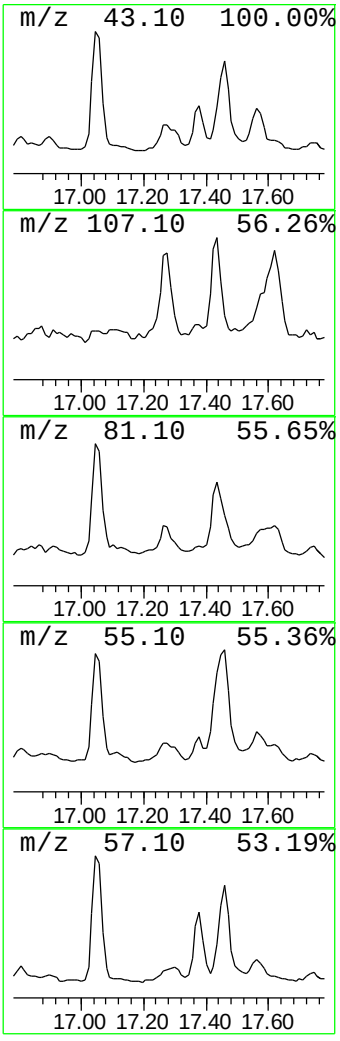
Peak Number 16 5-Cholestene-3-ol, 24-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	9.78 ng	700949	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	95
2	Campesterol	400	C28H48O	000474-62-4	95
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	91
4	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	53
5	Cholest-5-en-3-ol (3.beta.)-, pr...	442	C30H50O2	000633-31-8	52





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Sample : H5025-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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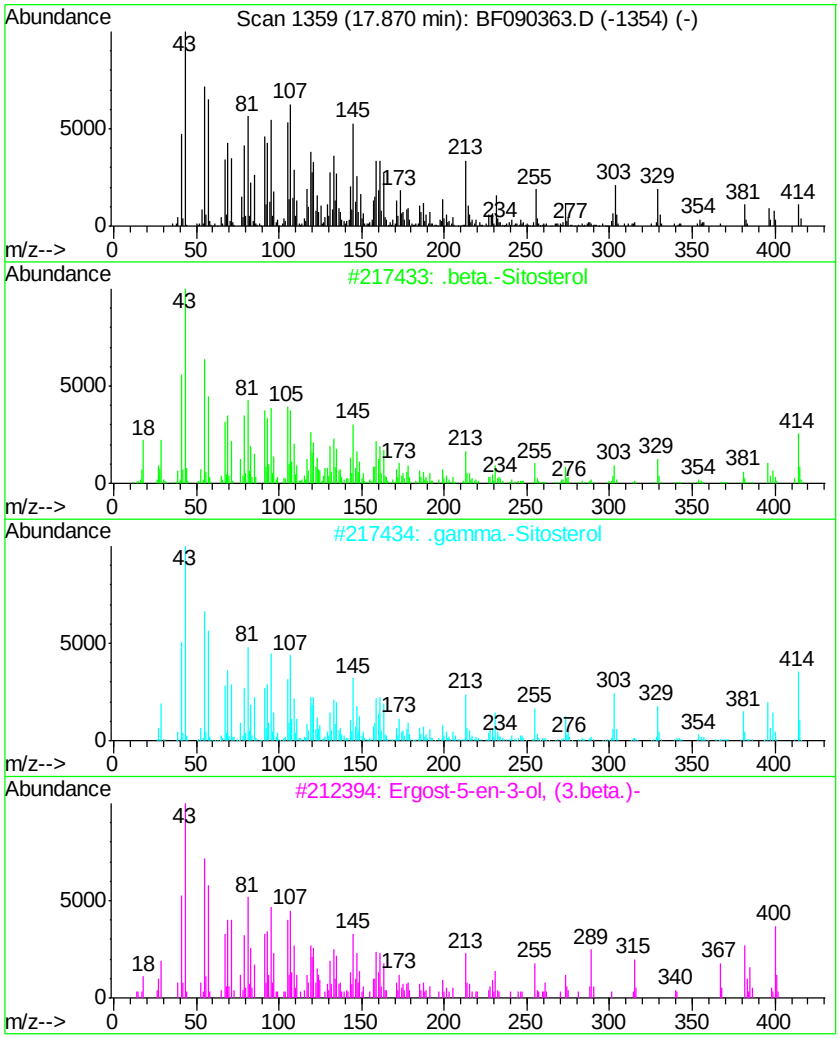
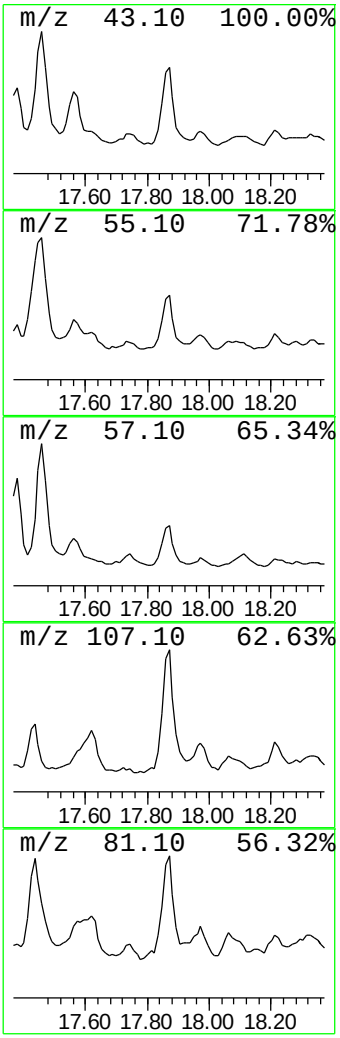
Peak Number 18 .beta.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	24.96 ng	1789800	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	60
4	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	53
5	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	49





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Sample : H5025-02
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-2

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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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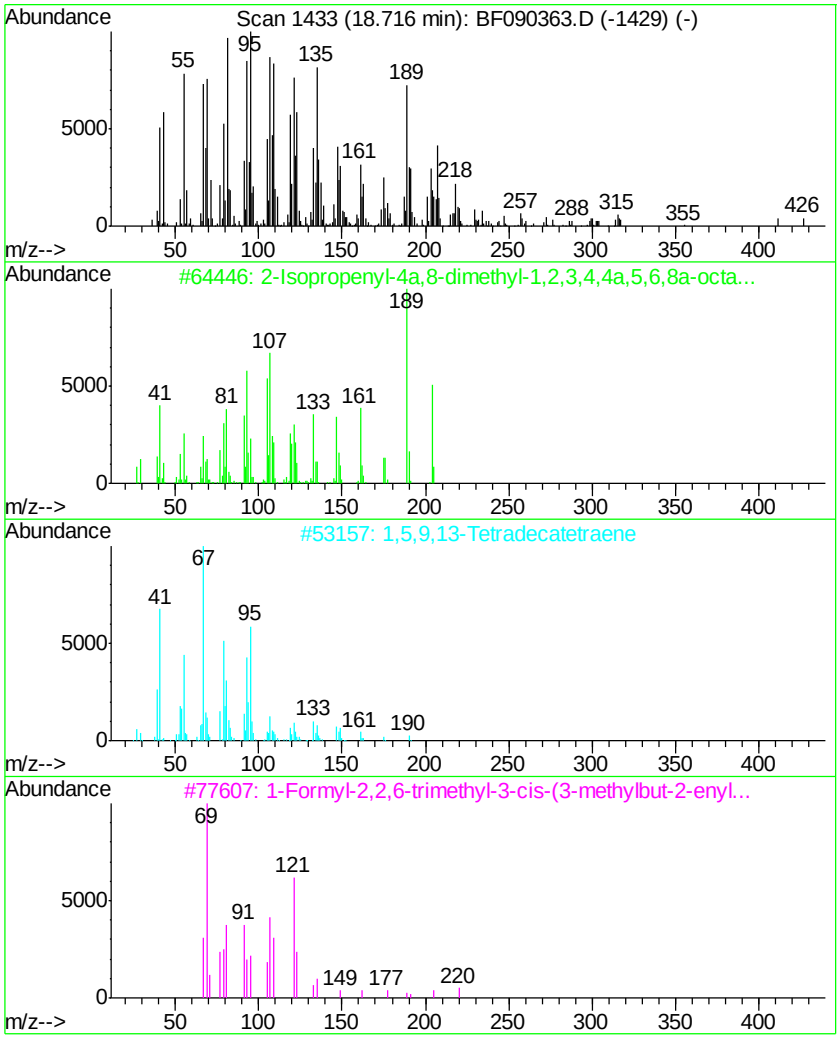
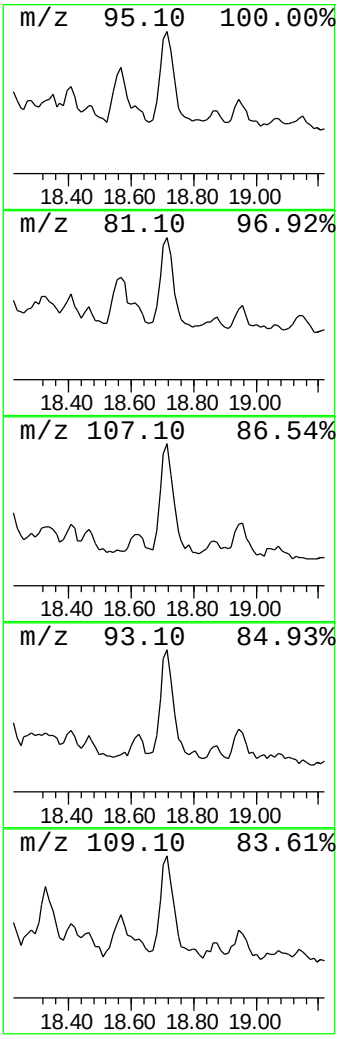
Peak Number 20 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	14.26 ng	1022470	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	80
2	1,5,9,13-Tetradecatetraene	190	C14H22	051487-38-8	74
3	1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	55
4	Caparratriene	206	C15H26	1000374-08-7	49
5	Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-97-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090363.D
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Sample : H5025-02
Misc :
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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...	5.22	19.1	ng	1385050	1	7.01	1448710	20.0
unknown6.78	6.78	82.6	ng	5982430	1	7.01	1448710	20.0
Benzeneacetonitri...	9.01	13.5	ng	1178530	2	8.30	1746390	20.0
n-Hexadecanoic acid	12.08	21.9	ng	2031460	4	11.55	1852500	20.0
Octadecanoic acid	12.86	16.6	ng	1532800	4	11.55	1852500	20.0
Behenic alcohol	14.03	9.7	ng	1728560	5	14.20	3571650	20.0
1-Heneicosanol	14.68	22.5	ng	4022560	5	14.20	3571650	20.0
Octadecanal	15.15	16.8	ng	1200510	6	15.71	1433860	20.0
3-Octadecene, (E)-	15.37	45.1	ng	3236360	6	15.71	1433860	20.0
Tetradecanal	15.96	27.8	ng	1992470	6	15.71	1433860	20.0
2-Bromo dodecane	16.21	18.8	ng	1344460	6	15.71	1433860	20.0
Oxirane, heptadecyl-	16.46	10.0	ng	720100	6	15.71	1433860	20.0
5-Cholestene-3-ol...	17.28	9.8	ng	700949	6	15.71	1433860	20.0
.beta.-Sitosterol	17.87	25.0	ng	1789800	6	15.71	1433860	20.0
2-Isopropenyl-4a,...	18.72	14.3	ng	1022470	6	15.71	1433860	20.0