LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

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-BF060716.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	1.724	11	12	22	rVB	186988	415991	14.23%	1.316%
2	1.861	22	24	36	rVV	1068567	2083892	71.28%	6.594%
3	2.010	36	37	53	rVB2	76190	203314	6.95%	0.643%
4	2.215	53	55	66	rVB2	10727	31593	1.08%	0.100%
5	3.678	180	183	187	rBV	78897	126711	4.33%	0.401%
6	4.284	234	236	240	rBV	37527	48745	1.67%	0.154%
7	4.959	293	295	304	rBV	207052	354516	12.13%	1.122%
8	5.393	330	333	335	rBV	2335175	2437728	83.39%	7.714%
9	6.433	421	424	427	rBV	1853263	2371886	81.13%	7.505%
10	6.559	433	435	438	rBV	2074357	2452092	83.88%	7.759%
11	6.787	453	455	458	rBV	589694	645125	22.07%	2.041%
12	6.947	467	469	472	rVB	2018176	1957495	66.96%	6.194%
13	7.199	489	491	493	rBV	55801	48493	1.66%	0.153%
14	7.359	502	505	508	rBV	1490305	1602950	54.83%	5.072%
15	8.079	566	568	571	rBV	1012248	885449	30.29%	2.802%
16	9.165	660	663	665	rBV	2982908	2923460	100.00%	9.251%
17	9.496	689	692	695	rBV3	23751	37097	1.27%	0.117%
18	9.553	695	697	699	rVB	481387	433098	14.81%	1.370%
19	9.736	711	713	715	rBV	34791	38408	1.31%	0.122%
20	9.782	715	717	719	rVV2	80573	121311	4.15%	0.384%
21	9.839	719	722	724	rVV	908238	991915	33.93%	3.139%
22	9.873	724	725	727	rVB	100258	80701	2.76%	0.255%
23	10.273	756	760	762	rBV	119879	117608	4.02%	0.372%
24	10.491	776	779	782	rBV	35777	59942	2.05%	0.190%
25	10.628	788	791	793	rVB	1242875	1667222	57.03%	5.276%
26	10.742	800	801	805	rBV2	91486	150446	5.15%	0.476%
27	10.811	805	807	808	rVV	81586	76393	2.61%	0.242%
28	10.845	808	810	811	rVV	82209	100111	3.42%	0.317%
29	10.879	811	813	816	rVV2	66355	121442	4.15%	0.384%
30	10.936	816	818	821	rVV3	33496	88175	3.02%	0.279%
31	10.993	821	823	824	rVV	63425	95055	3.25%	0.301%
32	11.028	824	826	828	rVV	80508	102528	3.51%	0.324%
33	11.062	828	829	833	rVB	40775	52226	1.79%	0.165%
34	11.188	839	840	846	rBV2	48558	76489	2.62%	0.242%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.314	849	851	854	rBV	981578	902760	30.88%	2.857%
36	11.405	857	859	861	rVB	226682	178728	6.11%	0.566%
37	11.565	869	873	877	rBV2	38752	109780	3.76%	0.347%
38	11.771	889	891	893	rBV	18404	32764	1.12%	0.104%
39	11.816	893	895	896	rBV	39743	32021	1.10%	0.101%
40	11.862	896	899	901	rBV	252018	359735	12.31%	1.138%
41	12.022	911	913	918	rVB	40044	53238	1.82%	0.168%
42	12.525	955	957	958	rBV	128579	127631	4.37%	0.404%
43	12.571	958	961	964	rVV2	69458	93041	3.18%	0.294%
44	12.639	965	967	973	rVV2	97633	136670	4.67%	0.432%
45	12.731	973	975	978	rVV2	410281	459399	15.71%	1.454%
46	12.788	978	980	985	rVB2	89386	146141	5.00%	0.462%
47	12.902	988	990	993	rVB	2108865	1996971	68.31%	6.319%
48	13.142	1008	1011	1013	rBV	37028	44932	1.54%	0.142%
49	13.382	1029	1032	1035	rBV3	20191	44720	1.53%	0.142%
50	13.439	1035	1037	1039	rBV	229574	216321	7.40%	0.685%
51	13.485	1039	1041	1044	rVB2	31726	48900	1.67%	0.155%
52	13.759	1063	1065	1066	rBV2	39532	38081	1.30%	0.120%
53	13.817	1068	1070	1075	rBV	118611	194964	6.67%	0.617%
54	13.942	1079	1081	1084	rBV	1229451	1318045	45.09%	4.171%
55	14.125	1095	1097	1098	rBV	73949	71859	2.46%	0.227%
56	14.457	1122	1126	1130	rBV2	64429	209789	7.18%	0.664%
57	14.800	1154	1156	1158	rVB	100117	102004	3.49%	0.323%
58	14.868	1160	1162	1164	rVV	51413	54139	1.85%	0.171%
59	14.960	1168	1170	1174	rBV	69562	114996	3.93%	0.364%
60	15.051	1175	1178	1180	rBV2	108726	132531	4.53%	0.419%
61	15.360	1202	1205	1207	rBV	461288	538850	18.43%	1.705%
62	15.588	1223	1225	1227	rBV2	41558	64774	2.22%	0.205%
63	15.817	1242	1245	1247	rBV	85095	150026	5.13%	0.475%
64	16.823	1331	1333	1336	rVB	33956	62411	2.13%	0.197%
65	17.291	1371	1374	1384	rVB4	62983	258620	8.85%	0.818%
66	18.217	1451	1455	1462	rVB6	48108	160246	5.48%	0.507%
67	19.177	1535	1539	1544	rVB5	48593	147989	5.06%	0.468%

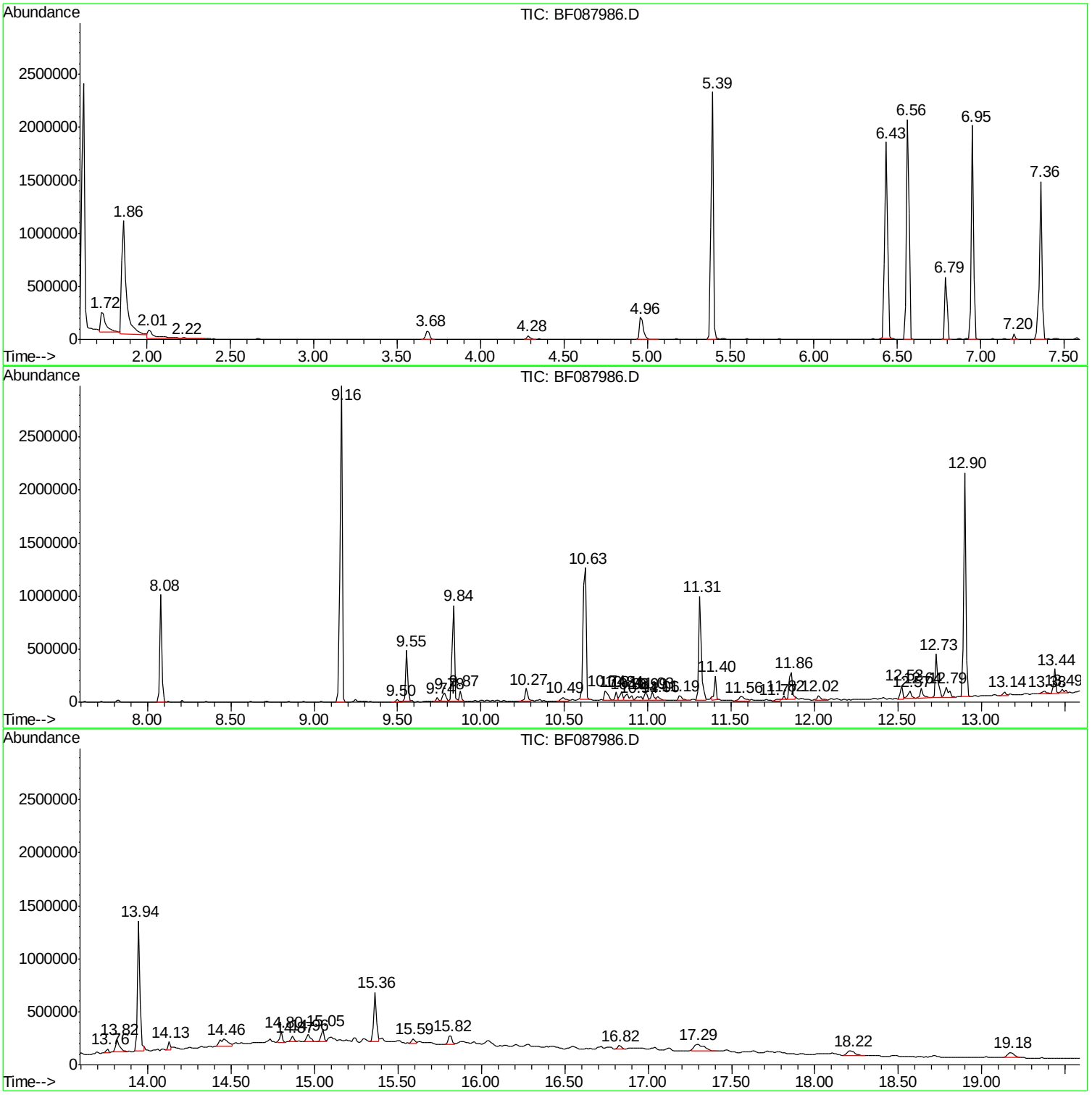
Sum of corrected areas: 31602683

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

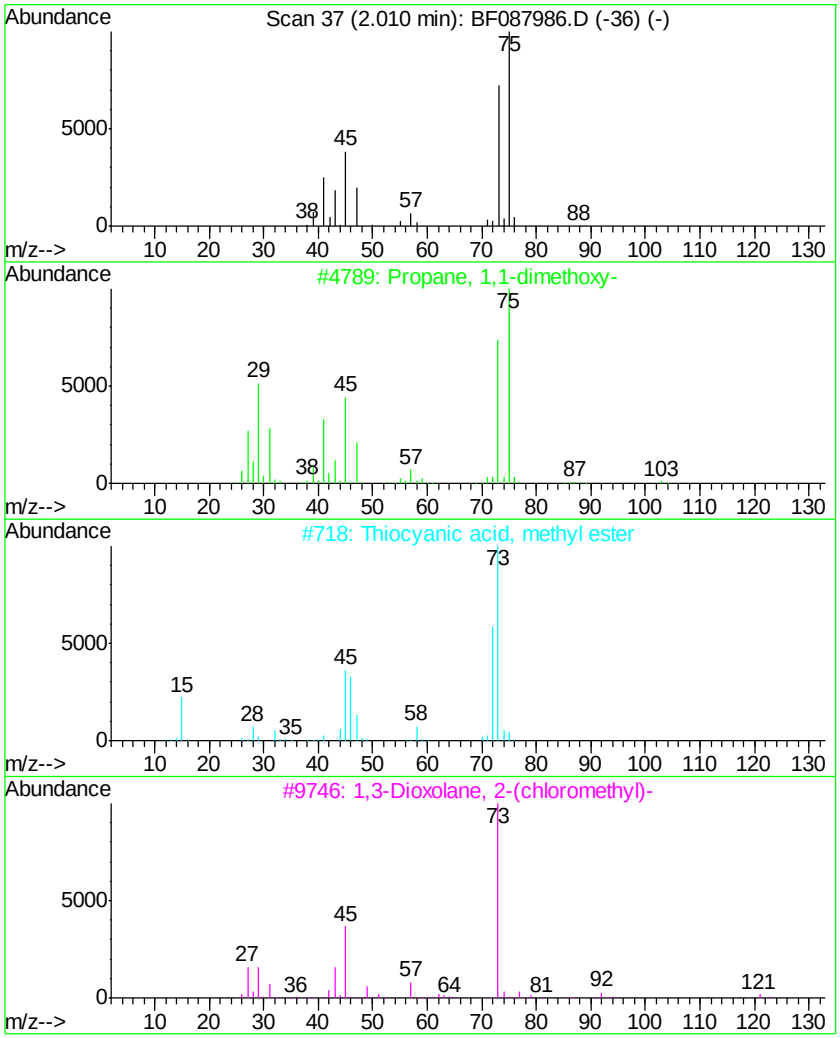
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

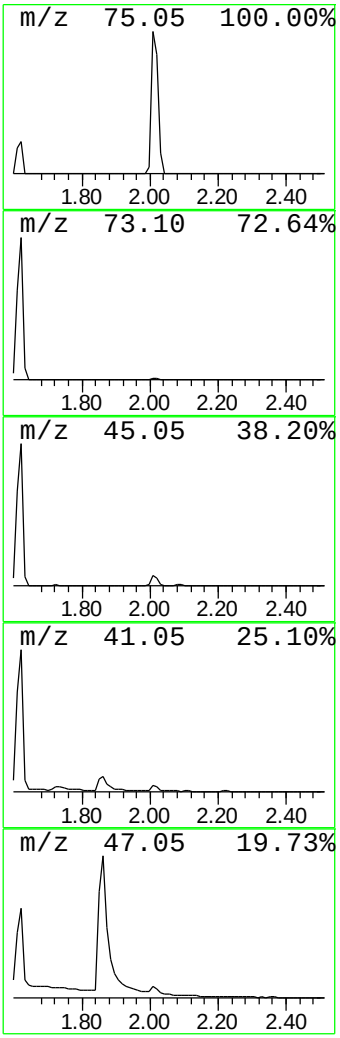
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	6.30 ng	203314	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
3	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9
4	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

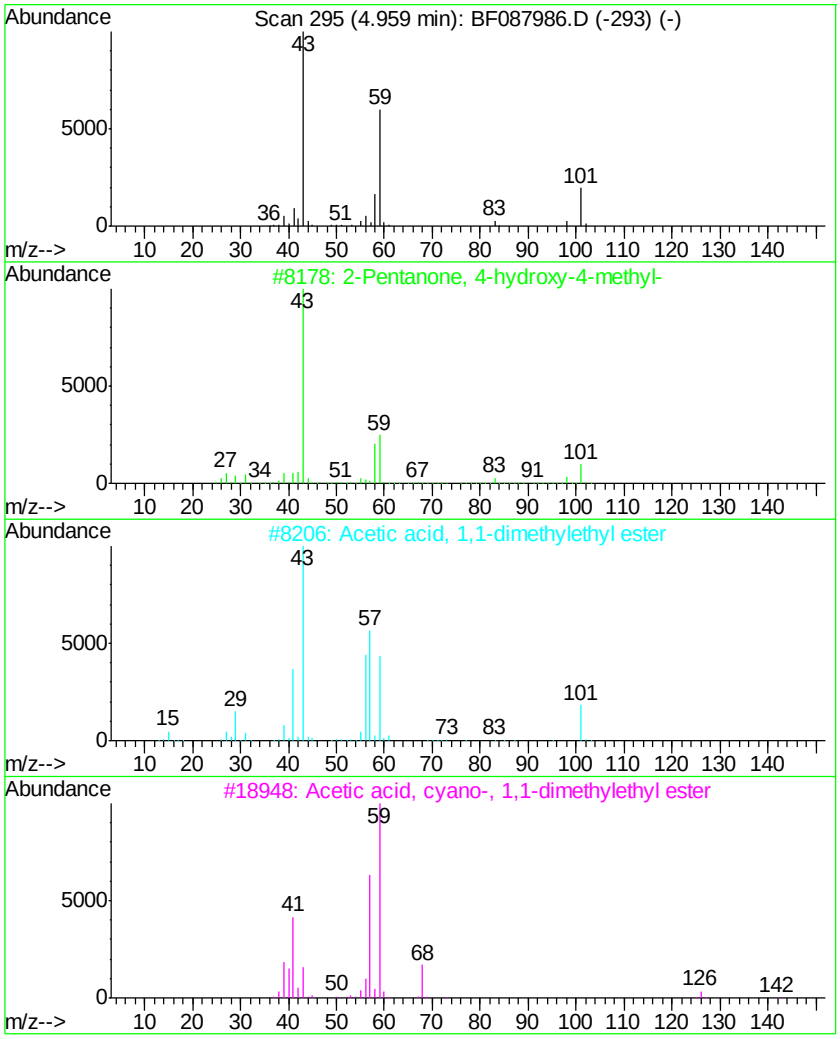
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

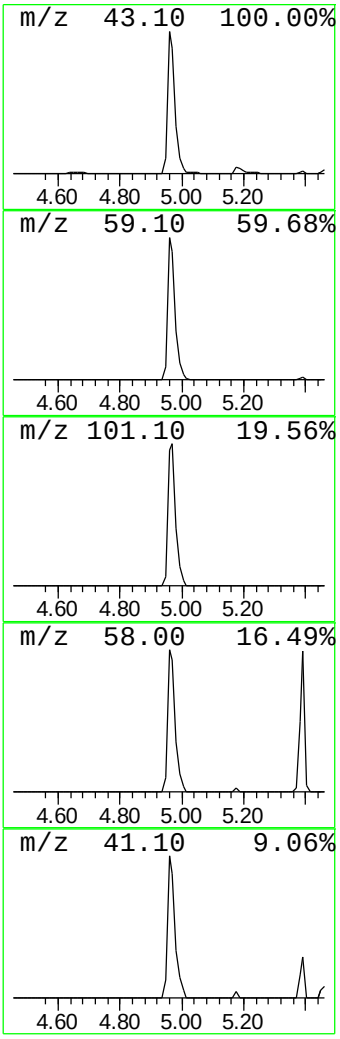
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	10.99 ng	354516	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

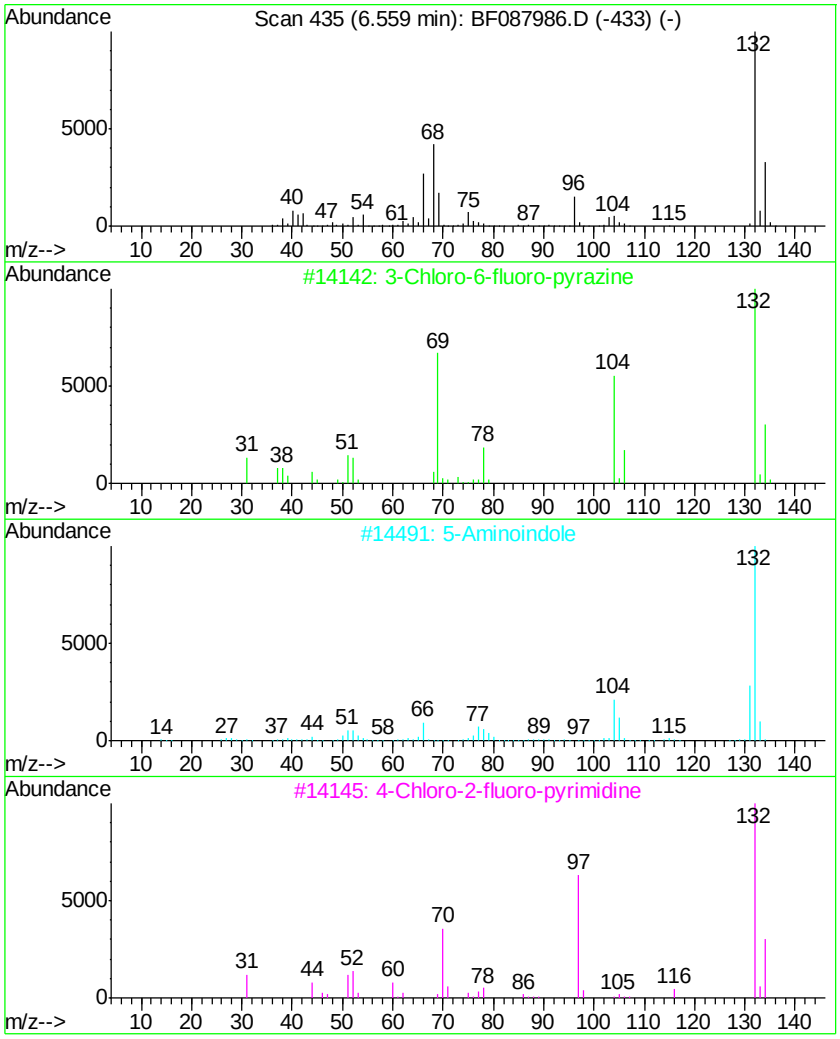
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

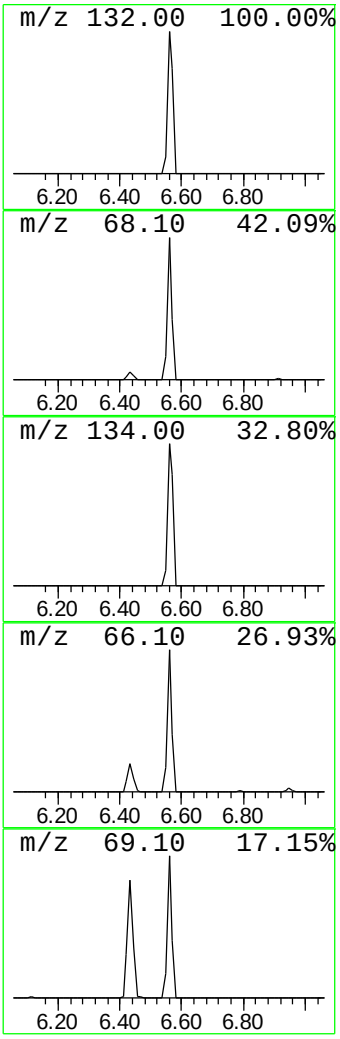
****

Peak Number 6 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	76.02 ng	2452090	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

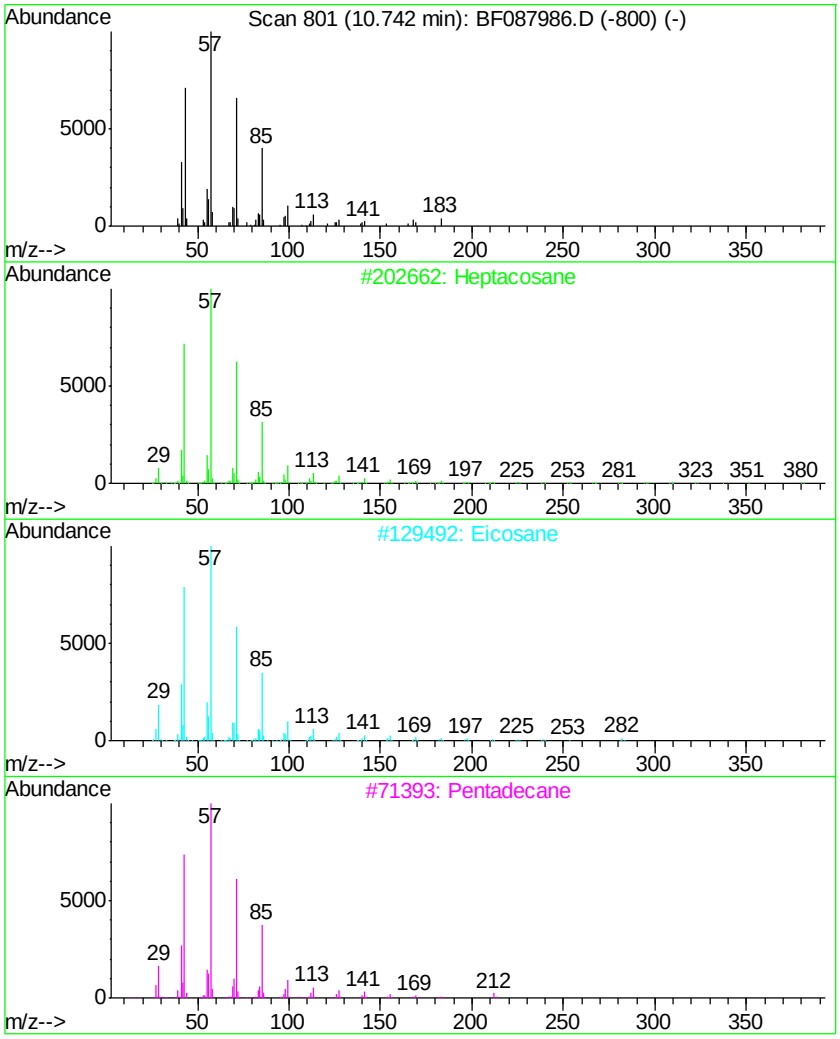
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

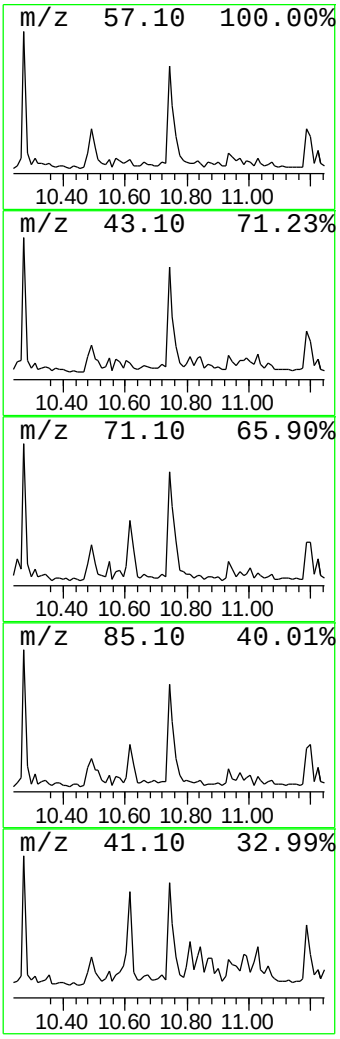
****

Peak Number 8 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.33 ng	150446	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

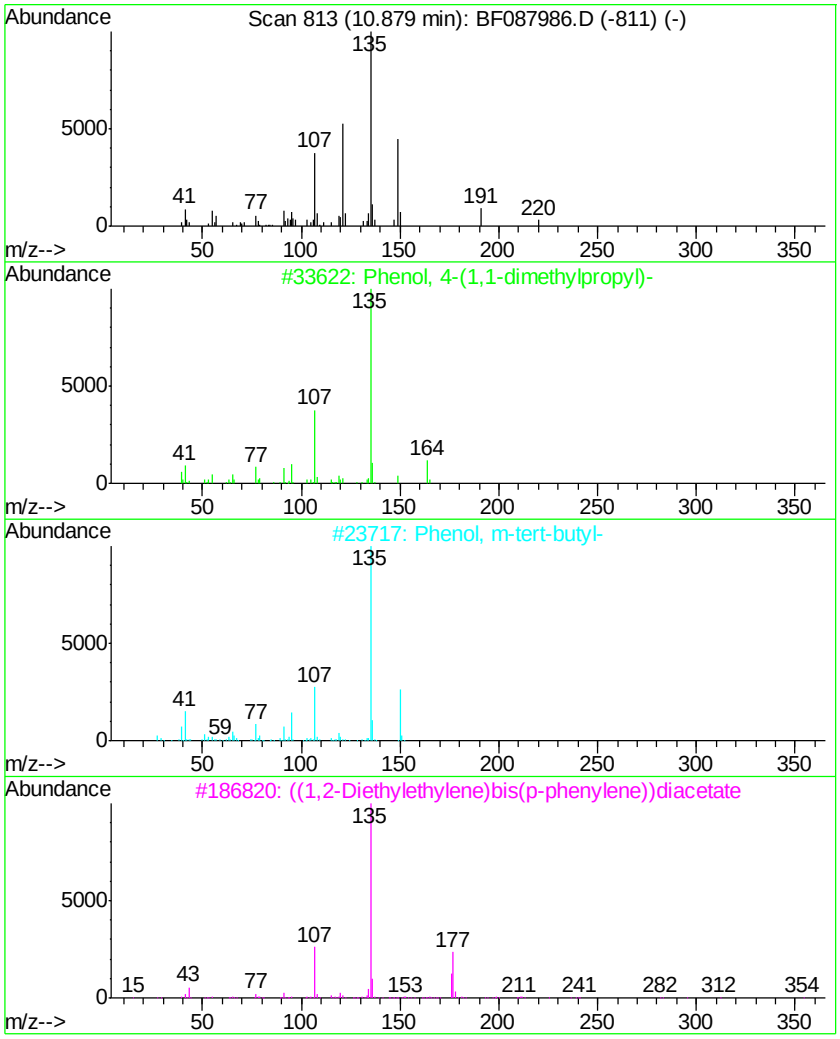
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

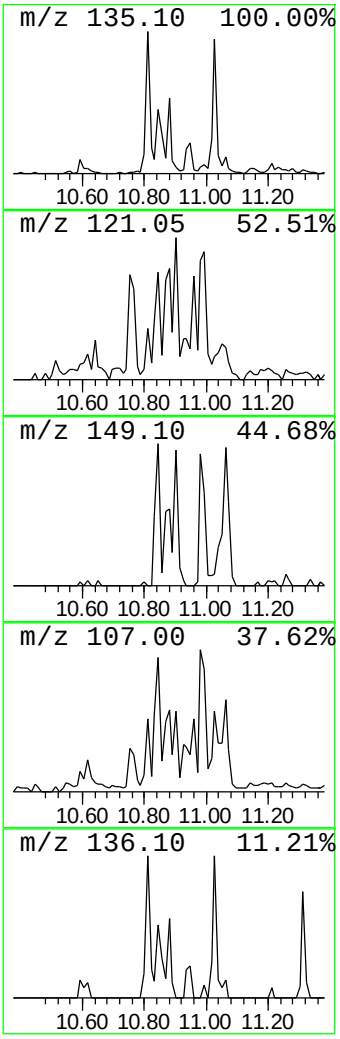
****

Peak Number 9 unknown10.88 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.69 ng	121442	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	47
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	47
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	47
4	Tricyclo[3.3.1.1(3,7)]decane-1-c...	284	C18H24N2O	1000319-87-4	47
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

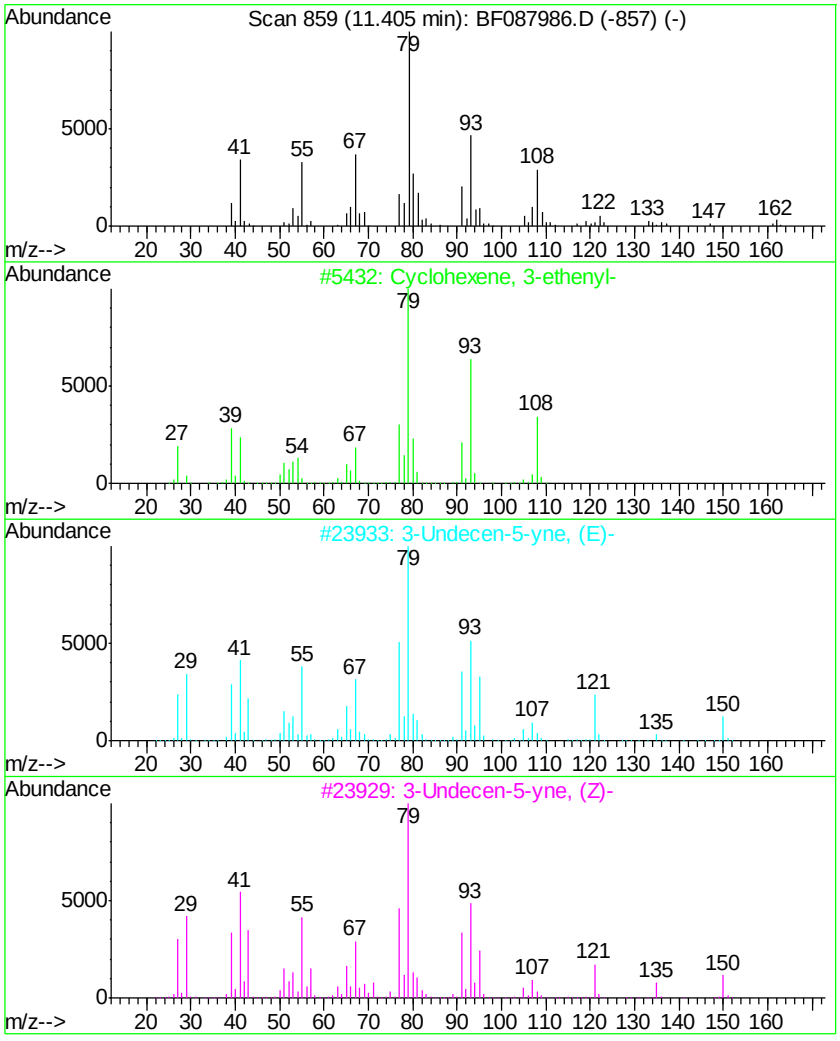
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

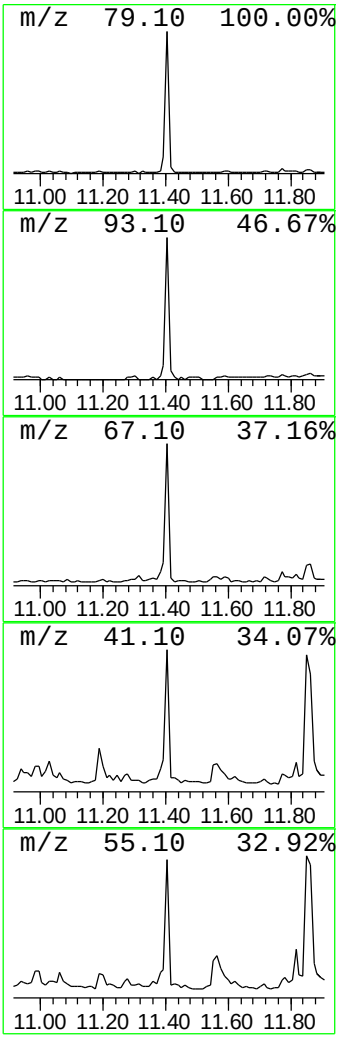
****

Peak Number 10 Cyclohexene, 3-ethenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.96 ng	178728	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-ethenyl-	108	C8H12	000766-03-0	72
2	3-Undecen-5-yne, (E)-	150	C11H18	074744-29-9	53
3	3-Undecen-5-yne, (Z)-	150	C11H18	074744-27-7	53
4	1,3-Cyclooctadiene	108	C8H12	001700-10-3	49
5	1,4-Cyclooctadiene, (Z,Z)-	108	C8H12	016327-22-3	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

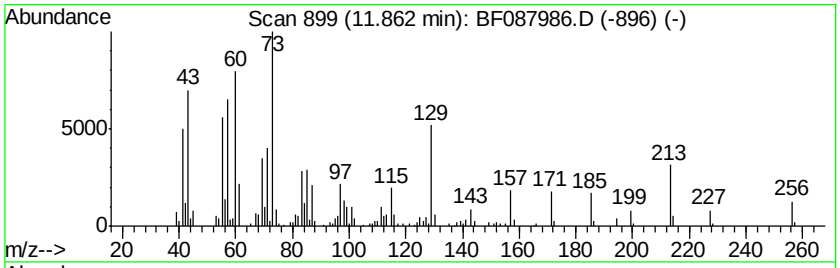
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

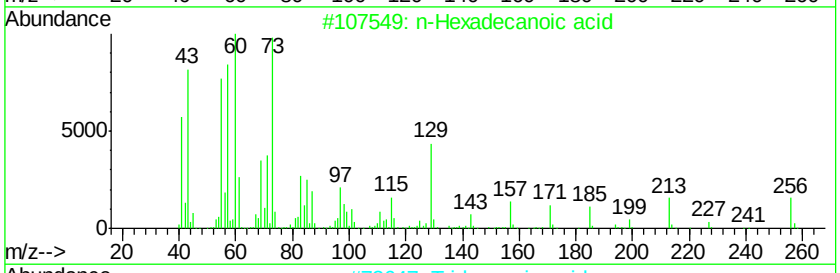
****

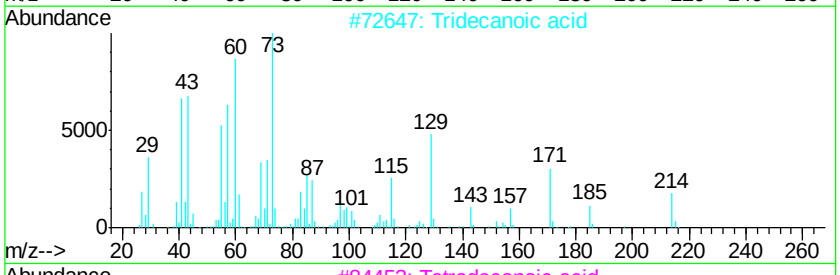
Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

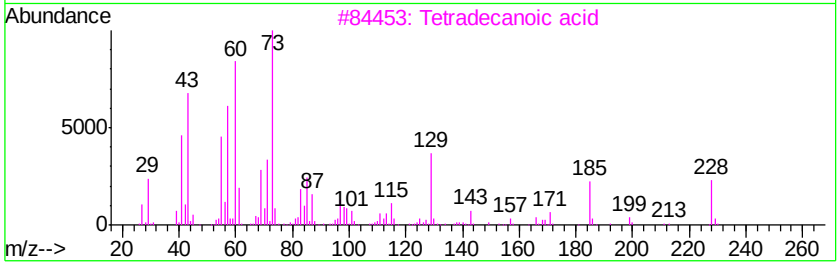
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.97 ng	359735	Phenanthrene-d10	11.31

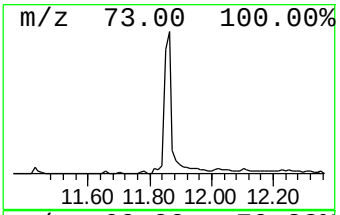
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70

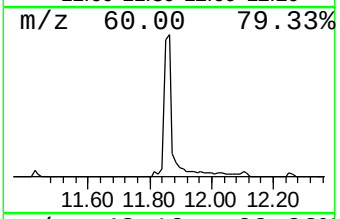


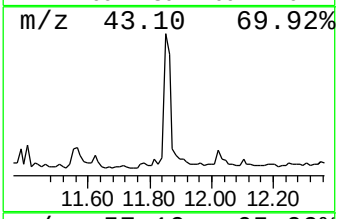


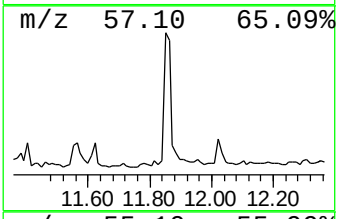


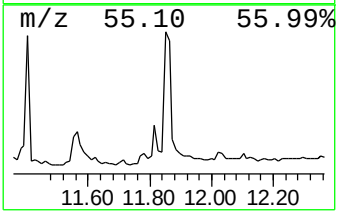












Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

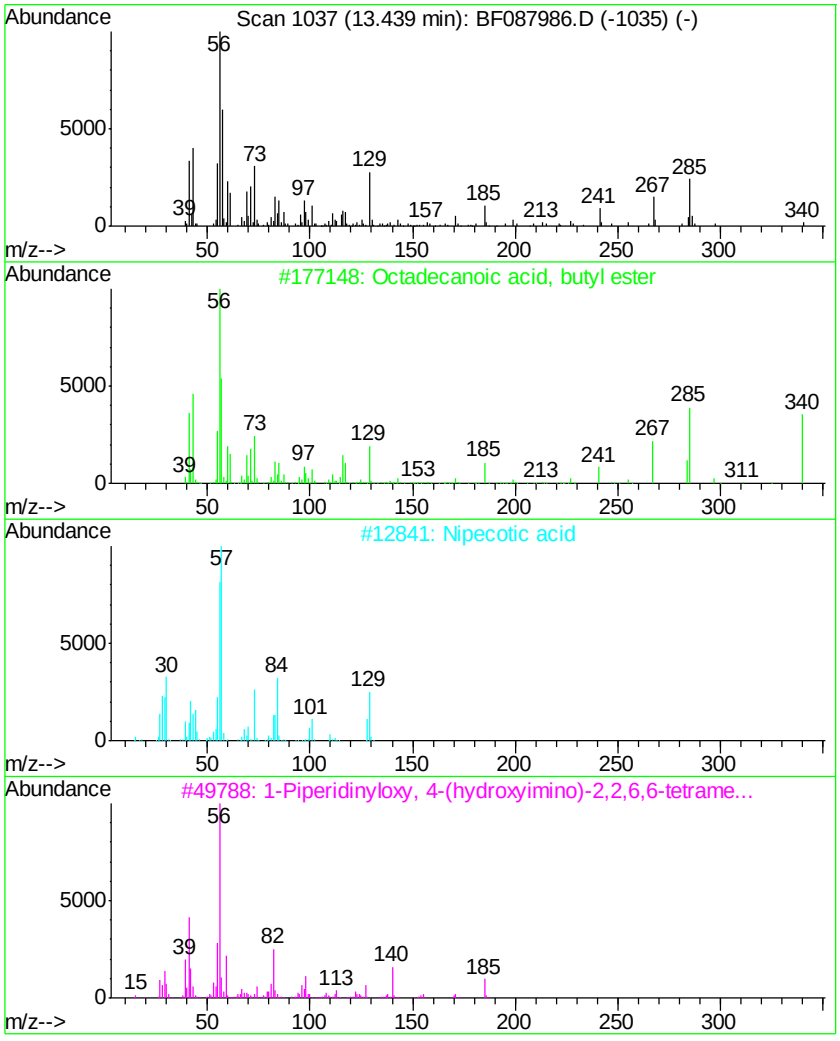
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

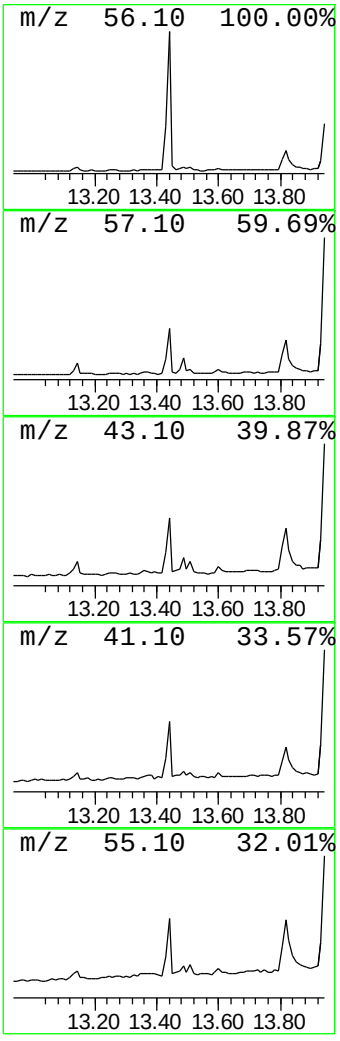
****

Peak Number 12 Octadecanoic acid, butyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.28 ng	216321	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2	Nipecotic acid	129	C6H11NO2	000498-95-3	47
3	1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	35
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	35
5	7-Methyl-octadecan-7-ol	284	C19H40O	1000194-50-8	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

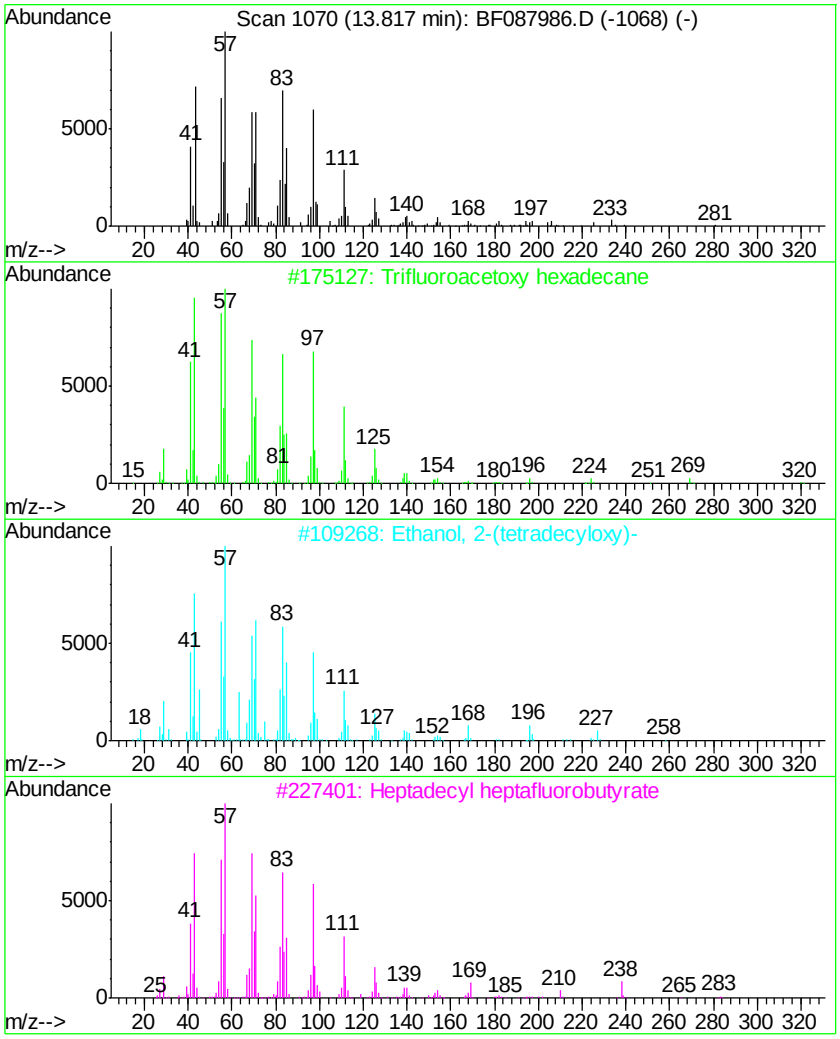
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

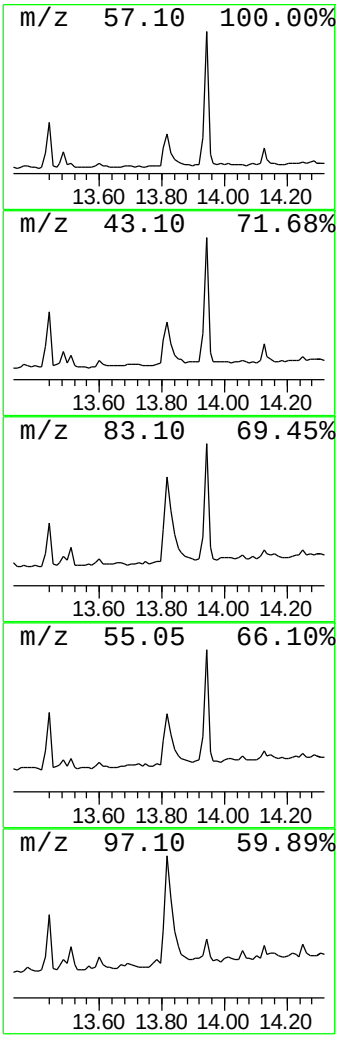
****

Peak Number 13 Trifluoroacetoxy hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.96 ng	194964	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

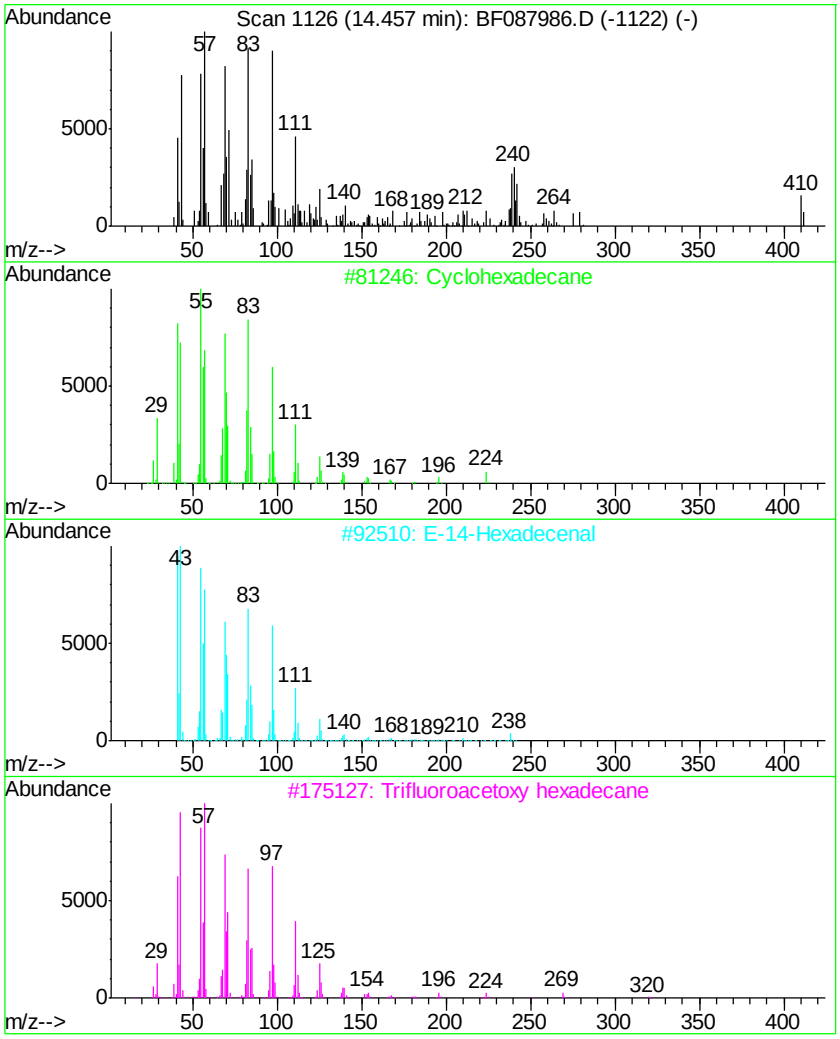
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

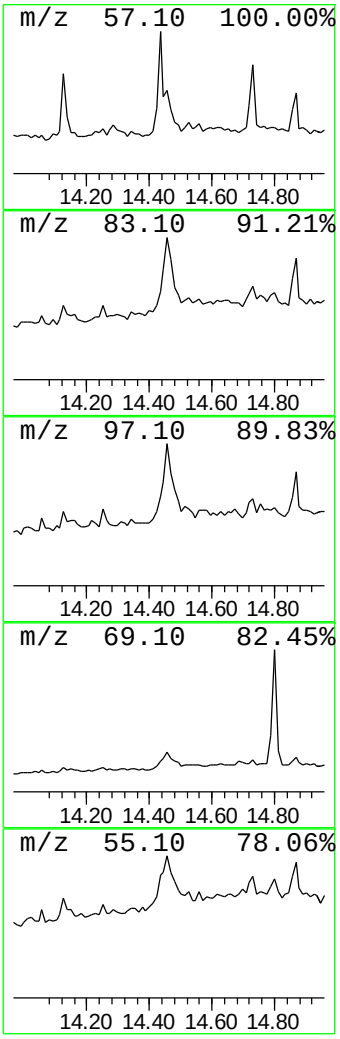
****

Peak Number 14 Cyclohexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.18 ng	209789	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	87
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	70
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
4	Cyclopentadecane	210	C15H30	000295-48-7	64
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

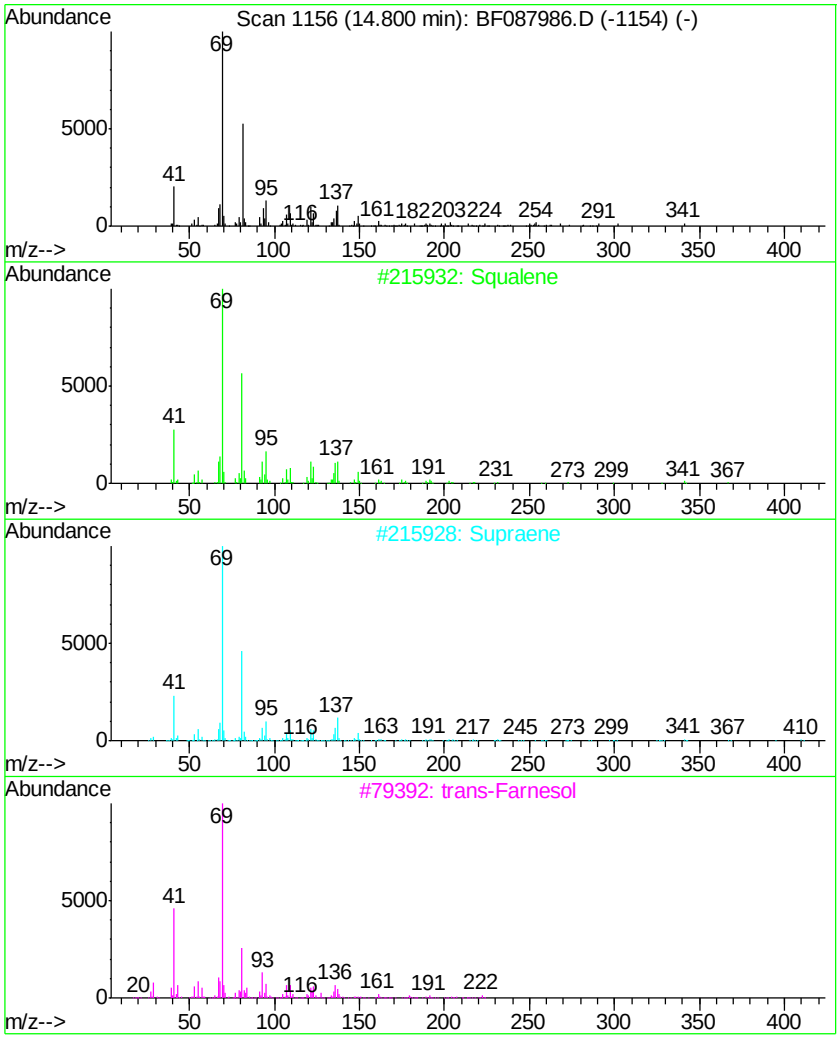
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

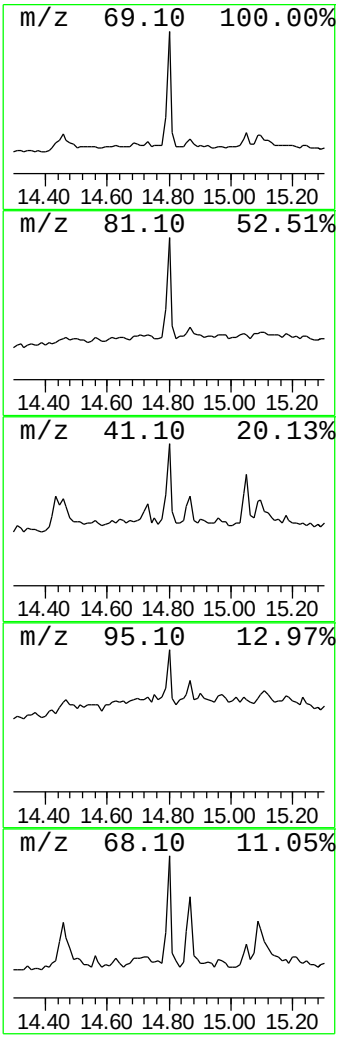
****

Peak Number 15 Squalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.79 ng	102004	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	83
3	trans-Farnesol	222	C15H26O	000106-28-5	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

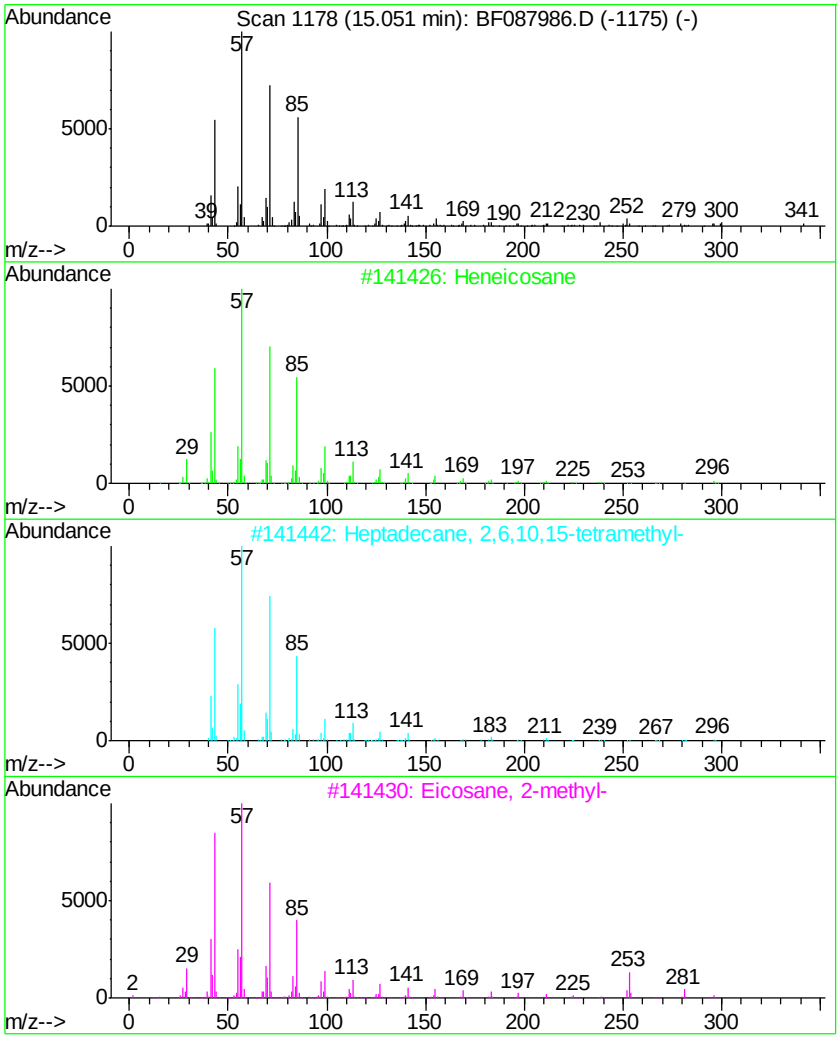
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

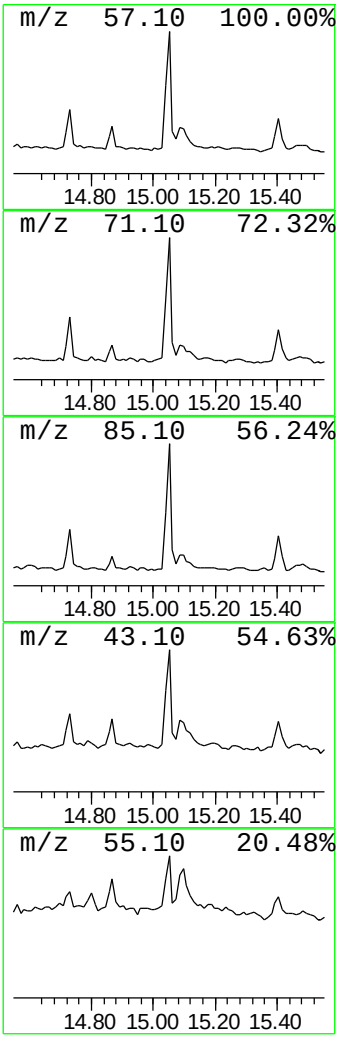
****

Peak Number 16 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	4.92 ng	132531	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

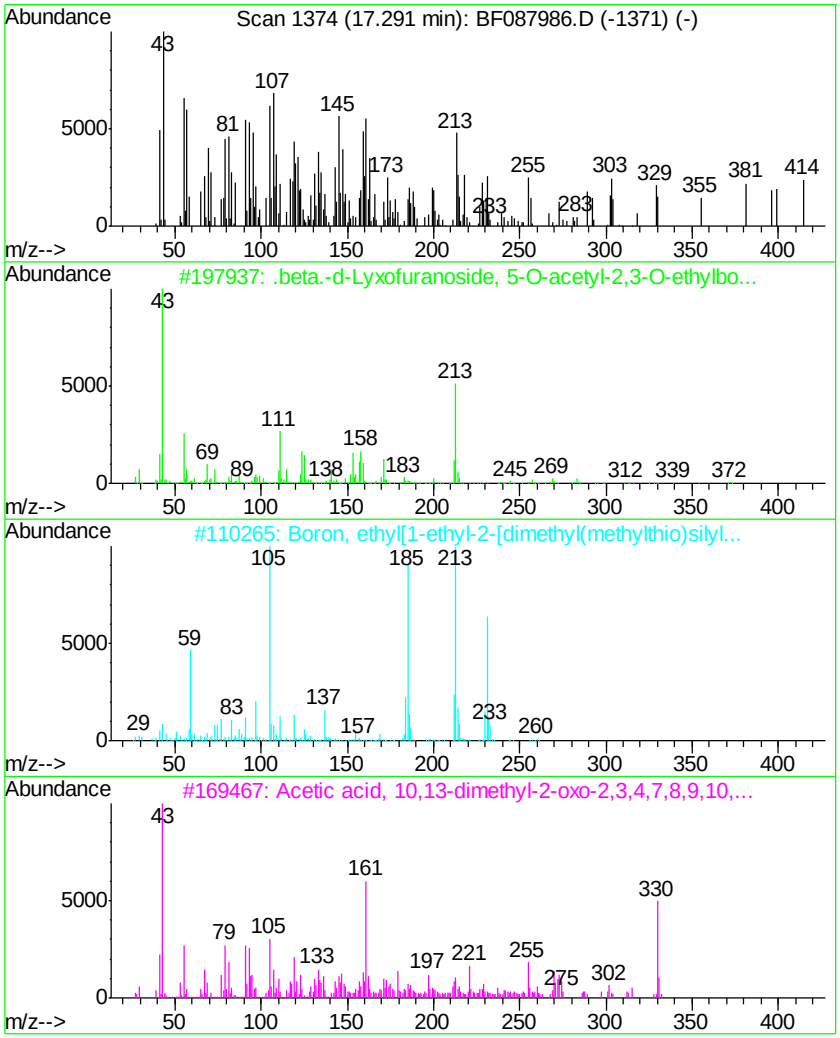
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

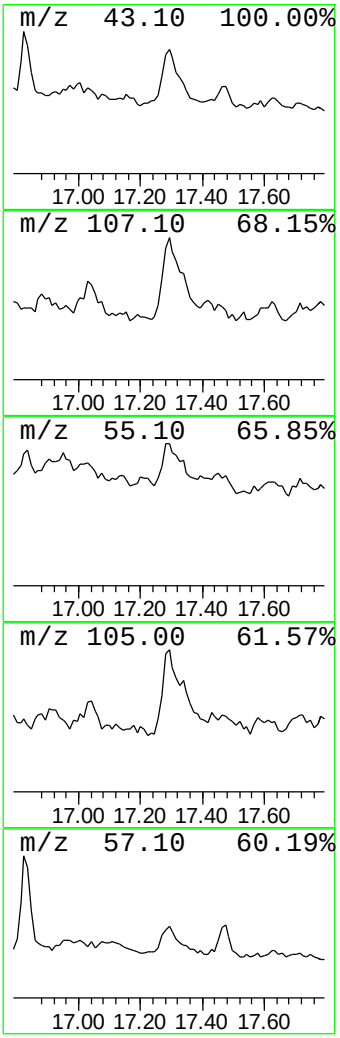
****

Peak Number 18 unknown17.29 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	9.60 ng	258620	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-d-Lyxofuranoside, 5-O-ace...	372	C18H33BO5S	1000154-39-0	10
2	Boron, ethyl[1-ethyl-2-[dimethyl...	260	C11H25BS2Si	127880-41-5	9
3	Acetic acid, 10,13-dimethyl-2-ox...	330	C21H30O3	1000190-79-2	9
4	4-(4-Fluorophenyl)-3-morpholin-4...	318	C17H19FN2O3	151054-91-0	9
5	2-Amino-6-benzyloxytoluene	213	C14H15NO	065361-82-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

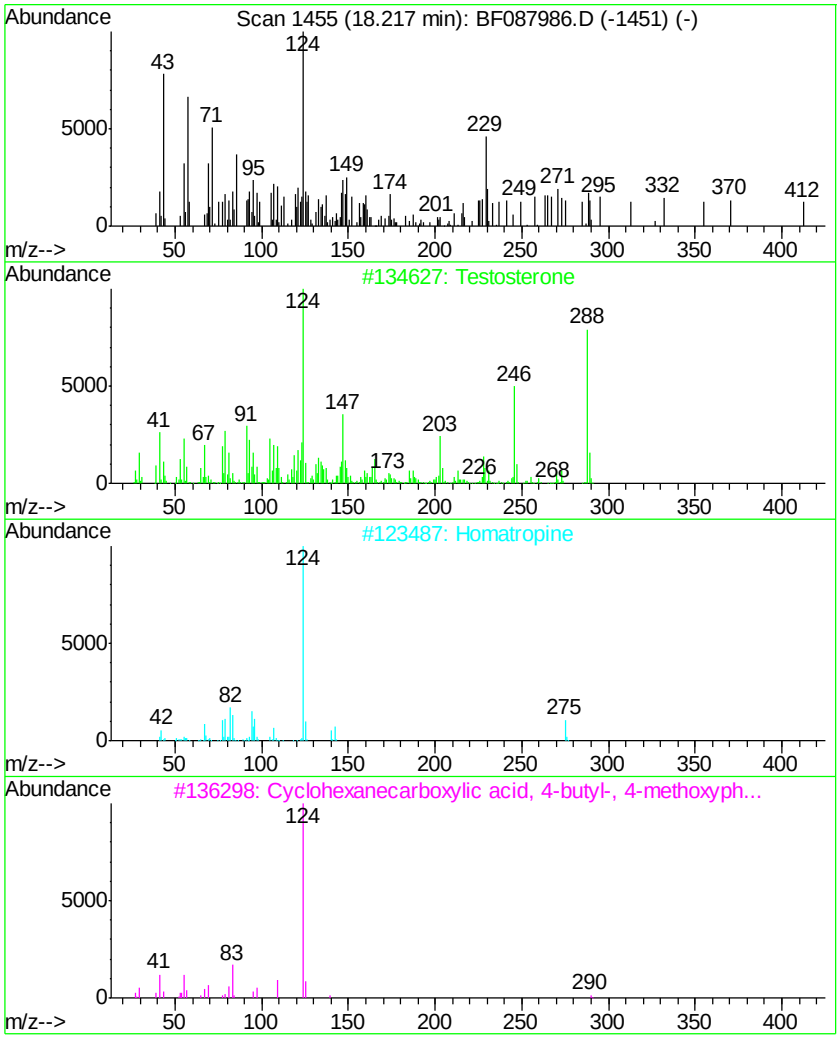
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

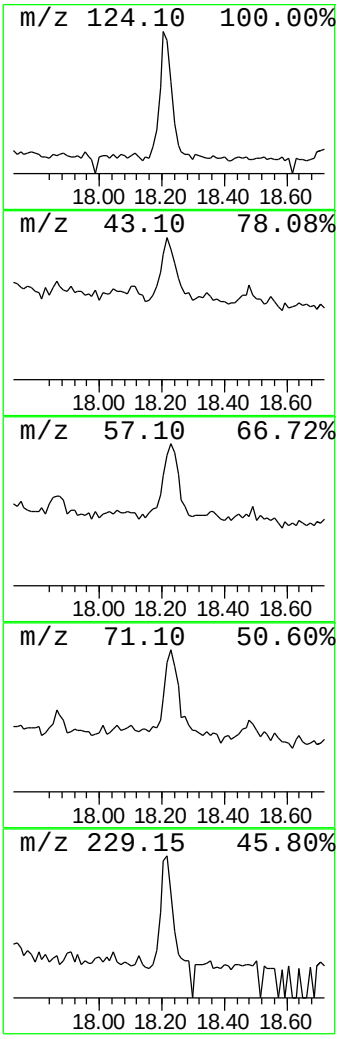
****

Peak Number 19 unknown18.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.95 ng	160246	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	46
2	Homatropine	275	C16H21NO3	000087-00-3	38
3	Cyclohexanecarboxylic acid, 4-bu...	290	C18H26O3	067589-46-2	30
4	Benzeneethanamine, N-(2,2,2-trif...	215	C11H12F3N	054815-09-7	30
5	Cyclopropanecarboxylic acid, 4-m...	192	C11H12O3	1000307-52-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

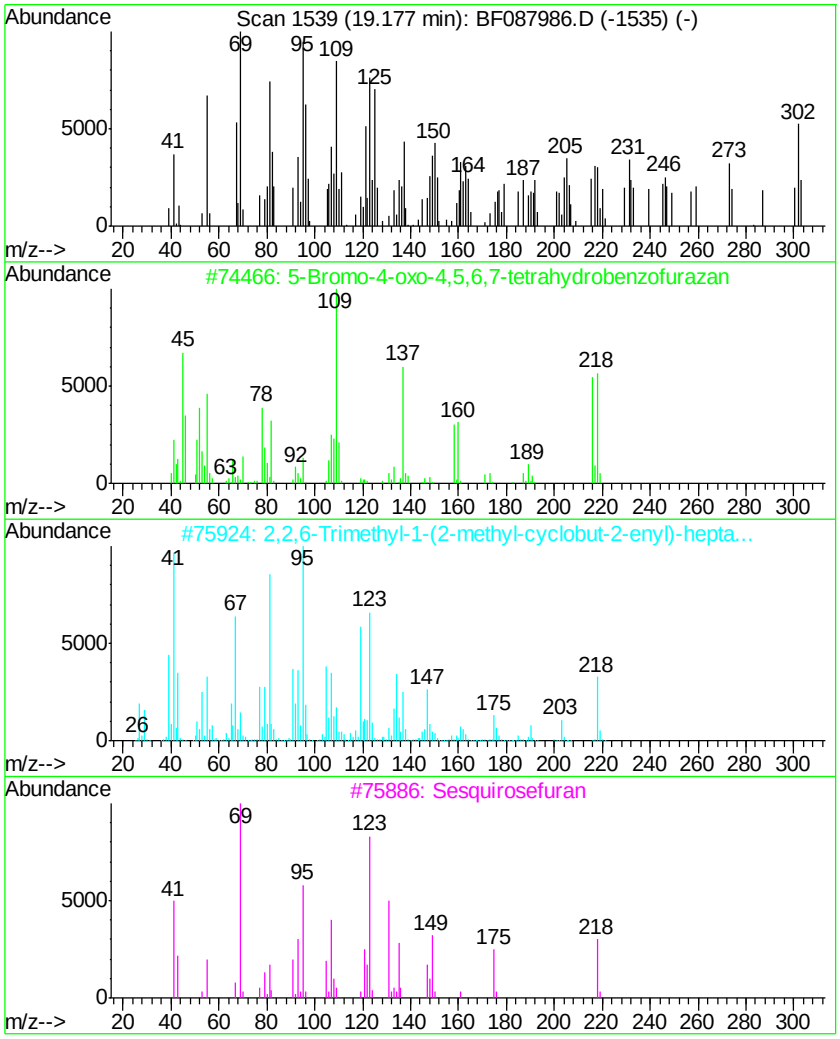
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

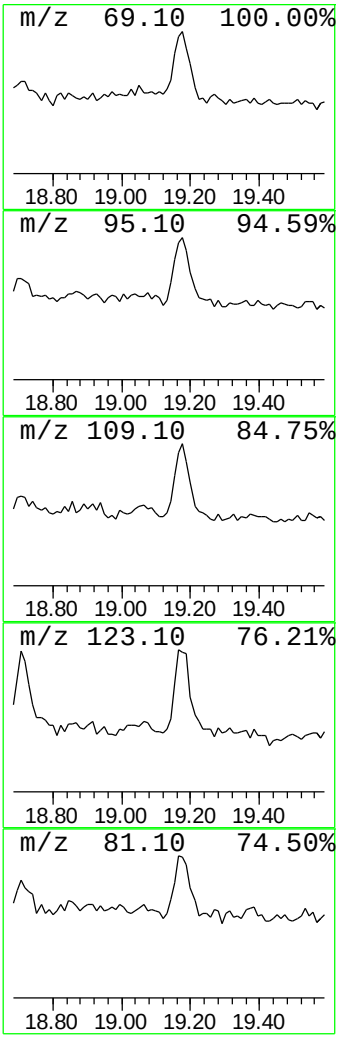
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	5.49 ng	147989	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	60
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	50
3	Sesquirosefuran	218	C15H22O	039007-93-7	47
4	2(1H)-Naphthalenone, 5-[2-(3-fur...	302	C20H30O2	059742-40-4	46
5	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087986.D
Acq On : 13 Jun 2016 16:41
Operator : UM/SJ
Sample : H3449-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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...	2.01	6.3	ng	203314	1	6.79	645125	20.0
2-Pentanone, 4-hy...	4.96	11.0	ng	354516	1	6.79	645125	20.0
unknown6.56	6.56	76.0	ng	2452090	1	6.79	645125	20.0
Heptacosane	10.74	3.3	ng	150446	4	11.31	902760	20.0
unknown10.88	10.88	2.7	ng	121442	4	11.31	902760	20.0
Cyclohexene, 3-et...	11.41	4.0	ng	178728	4	11.31	902760	20.0
n-Hexadecanoic acid	11.86	8.0	ng	359735	4	11.31	902760	20.0
Octadecanoic acid...	13.44	3.3	ng	216321	5	13.94	1318050	20.0
Trifluoroacetoxy ...	13.82	3.0	ng	194964	5	13.94	1318050	20.0
Cyclohexadecane	14.46	3.2	ng	209789	5	13.94	1318050	20.0
Squalene	14.80	3.8	ng	102004	6	15.36	538850	20.0
Heneicosane	15.05	4.9	ng	132531	6	15.36	538850	20.0
unknown17.29	17.29	9.6	ng	258620	6	15.36	538850	20.0
unknown18.22	18.22	6.0	ng	160246	6	15.36	538850	20.0
5-Bromo-4-oxo-4,5...	19.18	5.5	ng	147989	6	15.36	538850	20.0