LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106491.D
Acq On : 15 Jun 2018 15:01
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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	5.201	483	487	494	rBV	212347	232047	9.49%	0.878%
2	5.607	553	556	571	rVB	2154122	2391034	97.79%	9.050%
3	6.607	722	726	737	rBV	2554636	2335881	95.54%	8.842%
4	6.742	745	749	753	rBV	2532229	2330432	95.31%	8.821%
5	6.966	783	787	790	rBV	861152	703753	28.78%	2.664%
6	7.119	809	813	817	rVB	1998977	1880106	76.89%	7.117%
7	7.525	877	882	885	rBV	1595842	1582174	64.71%	5.989%
8	7.601	892	895	902	rVB2	18732	24688	1.01%	0.093%
9	8.248	1001	1005	1008	rBV	1016687	854991	34.97%	3.236%
10	9.319	1181	1187	1191	rBV	2591300	2445032	100.00%	9.255%
11	9.713	1248	1254	1258	rBV	264833	248088	10.15%	0.939%
12	9.919	1284	1289	1293	rBV2	49866	54615	2.23%	0.207%
13	10.007	1299	1304	1308	rBV	973850	902335	36.90%	3.415%
14	10.419	1372	1374	1377	rVB	65426	46953	1.92%	0.178%
15	10.795	1434	1438	1442	rBV	1452140	1346773	55.08%	5.098%
16	10.895	1452	1455	1461	rBV	57289	62969	2.58%	0.238%
17	11.342	1528	1531	1533	rBV	42987	32471	1.33%	0.123%
18	11.495	1553	1557	1560	rBV	897306	778191	31.83%	2.946%
19	11.518	1560	1561	1567	rVB	131837	97342	3.98%	0.368%
20	12.007	1640	1644	1645	rBV2	19979	24975	1.02%	0.095%
21	12.024	1645	1647	1652	rVB2	26860	26475	1.08%	0.100%
22	12.113	1658	1662	1664	rBV2	33827	36798	1.51%	0.139%
23	12.177	1670	1673	1676	rBV2	29809	29001	1.19%	0.110%
24	12.565	1737	1739	1747	rVB6	28268	40875	1.67%	0.155%
25	12.713	1761	1764	1767	rBV	267207	223919	9.16%	0.848%
26	12.748	1767	1770	1773	rVB	207101	168874	6.91%	0.639%
27	12.942	1797	1803	1805	rBV	258314	258595	10.58%	0.979%
28	12.960	1805	1806	1809	rVB	49328	39745	1.63%	0.150%
29	13.083	1822	1827	1830	rBV	2021538	1831741	74.92%	6.933%
30	13.218	1847	1850	1852	rBV	36084	26899	1.10%	0.102%
31	13.271	1856	1859	1862	rVV2	42695	47345	1.94%	0.179%
32	13.336	1867	1870	1872	rVV	30056	25715	1.05%	0.097%
33	13.448	1886	1889	1891	rBV	61918	52606	2.15%	0.199%
34	13.501	1895	1898	1899	rBV2	24640	25540	1.04%	0.097%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : #1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.542	1903	1905	1909	rVB5	26454	34689	1.42%	0.131%
36	13.607	1914	1916	1918	rBV	79257	60709	2.48%	0.230%
37	13.971	1974	1978	1985	rVB2	317935	368209	15.06%	1.394%
38	14.112	1998	2002	2004	rBV	342607	293472	12.00%	1.111%
39	14.148	2004	2008	2011	rVV2	884215	954791	39.05%	3.614%
40	14.177	2011	2013	2018	rVB	135191	122418	5.01%	0.463%
41	14.295	2031	2033	2037	rVB2	43725	42750	1.75%	0.162%
42	14.624	2084	2089	2095	rBV2	256060	423834	17.33%	1.604%
43	15.089	2166	2168	2173	rVB	97760	109221	4.47%	0.413%
44	15.236	2189	2193	2196	rBV	142250	212466	8.69%	0.804%
45	15.295	2200	2203	2206	rVV	298772	349235	14.28%	1.322%
46	15.324	2206	2208	2215	rVB3	93623	134155	5.49%	0.508%
47	15.624	2256	2259	2266	rBV	98796	143557	5.87%	0.543%
48	15.695	2266	2271	2280	rVB	609952	799138	32.68%	3.025%
49	15.918	2306	2309	2315	rVB3	91844	130923	5.35%	0.496%
50	16.165	2347	2351	2356	rVB	156054	228911	9.36%	0.866%
51	17.883	2638	2643	2653	rVB10	80943	215889	8.83%	0.817%
52	18.389	2723	2729	2737	rVB3	106699	268719	10.99%	1.017%
53	18.759	2786	2792	2799	rBV6	114124	316768	12.96%	1.199%

Sum of corrected areas: 26418832

LSC Report - Integrated Chromatogram

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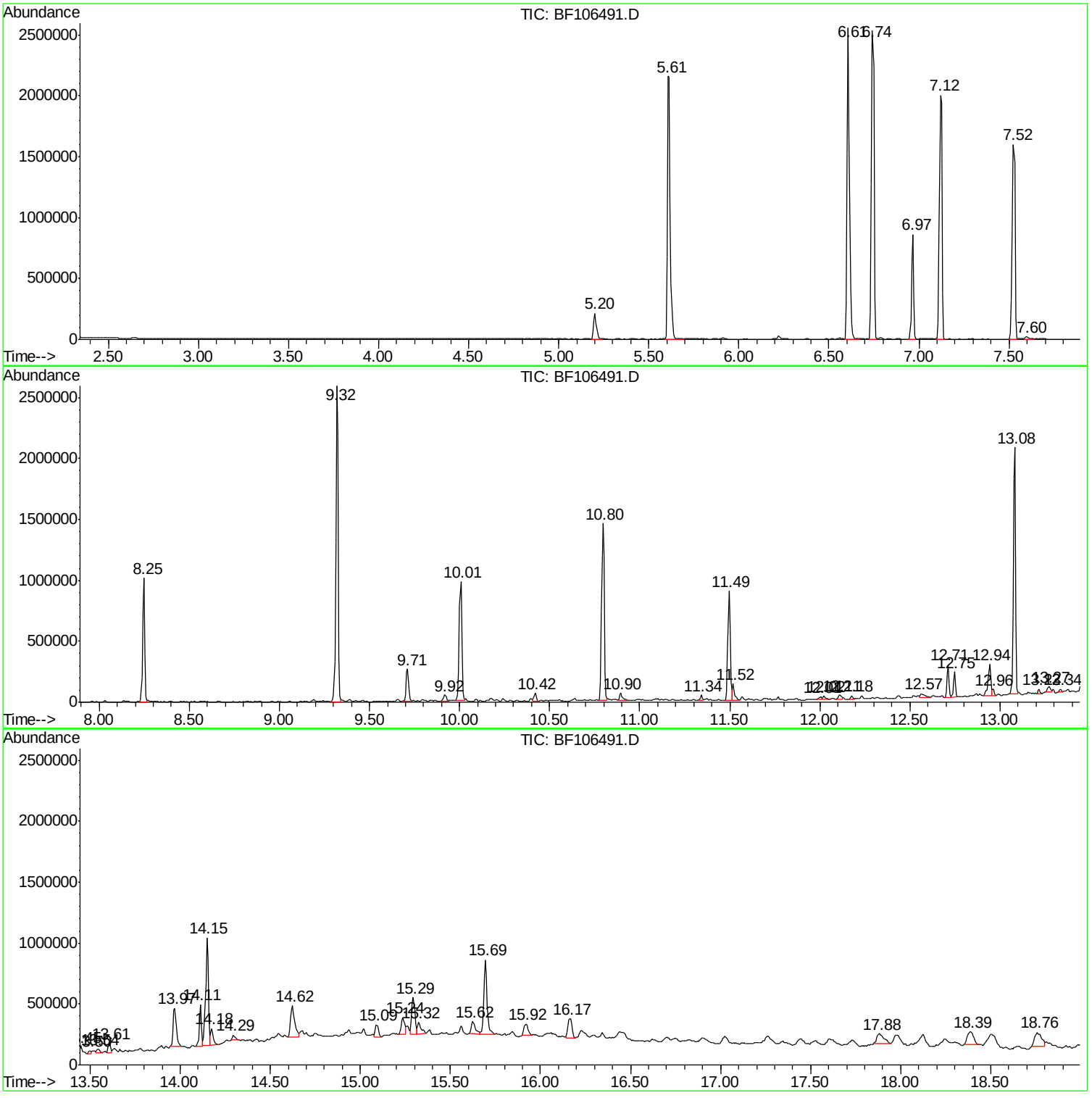
Data File : BF106491.D
Acq On : 15 Jun 2018 15:01
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106491.D
Acq On : 15 Jun 2018 15:01
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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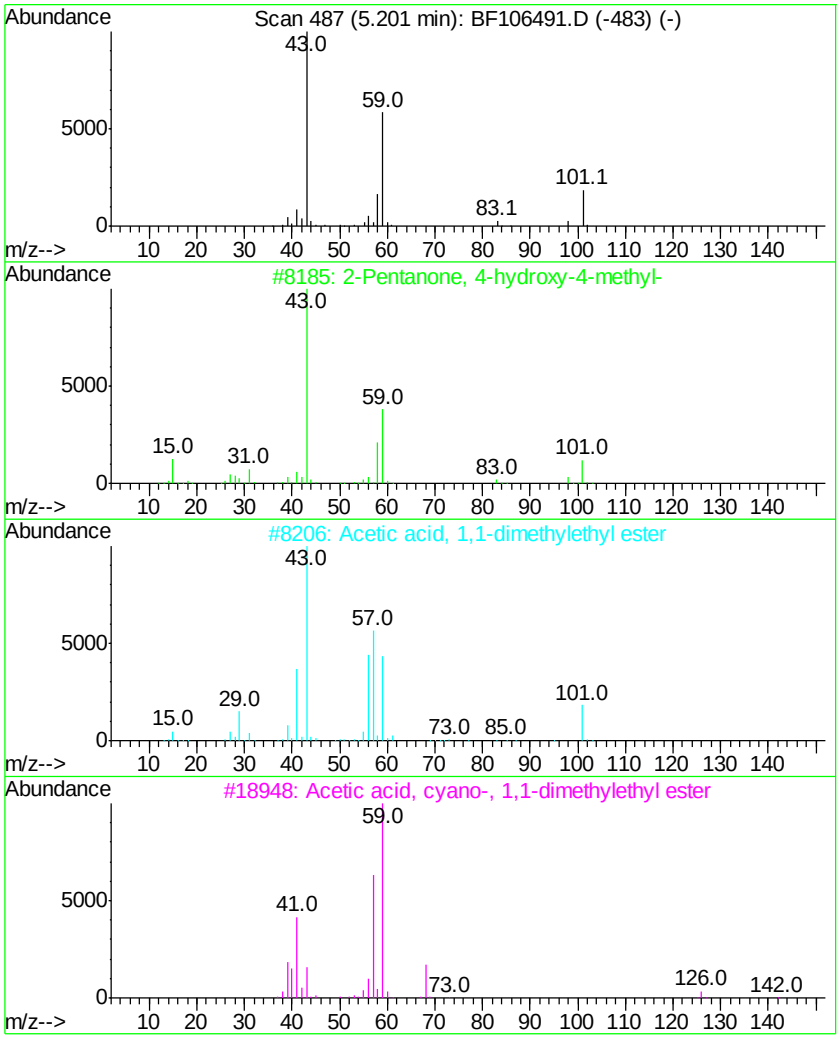
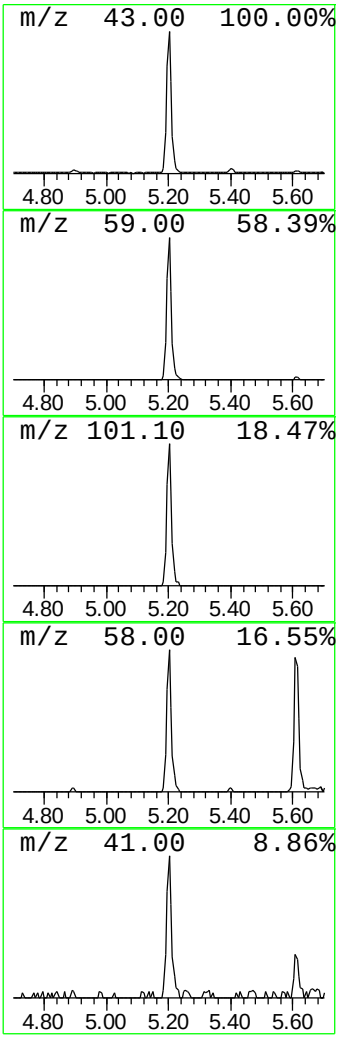
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.59 ng	232047	1,4-Dichlorobenzene-d4	6.97

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106491.D
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Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

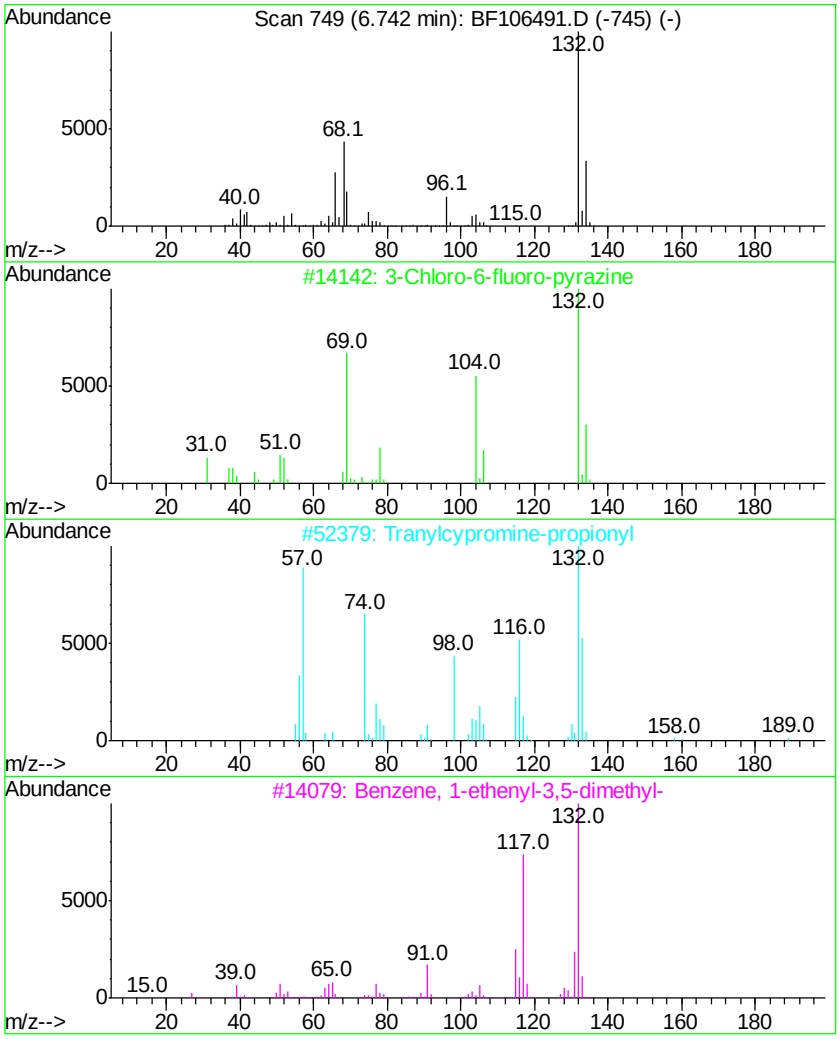
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

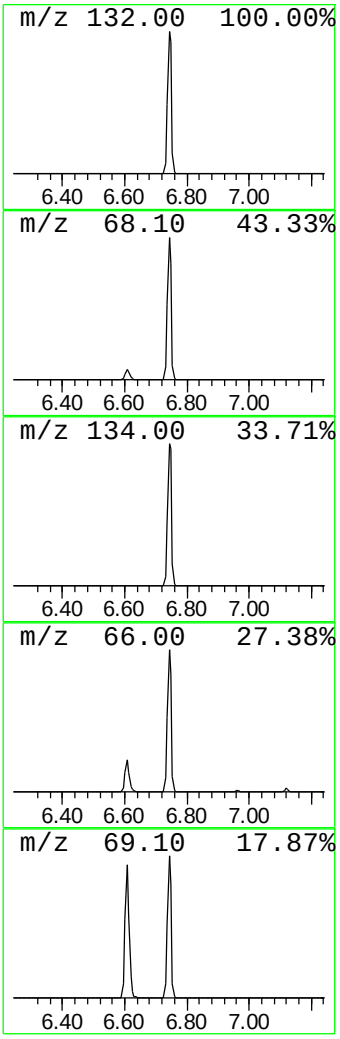
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	66.23 ng	2330430	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

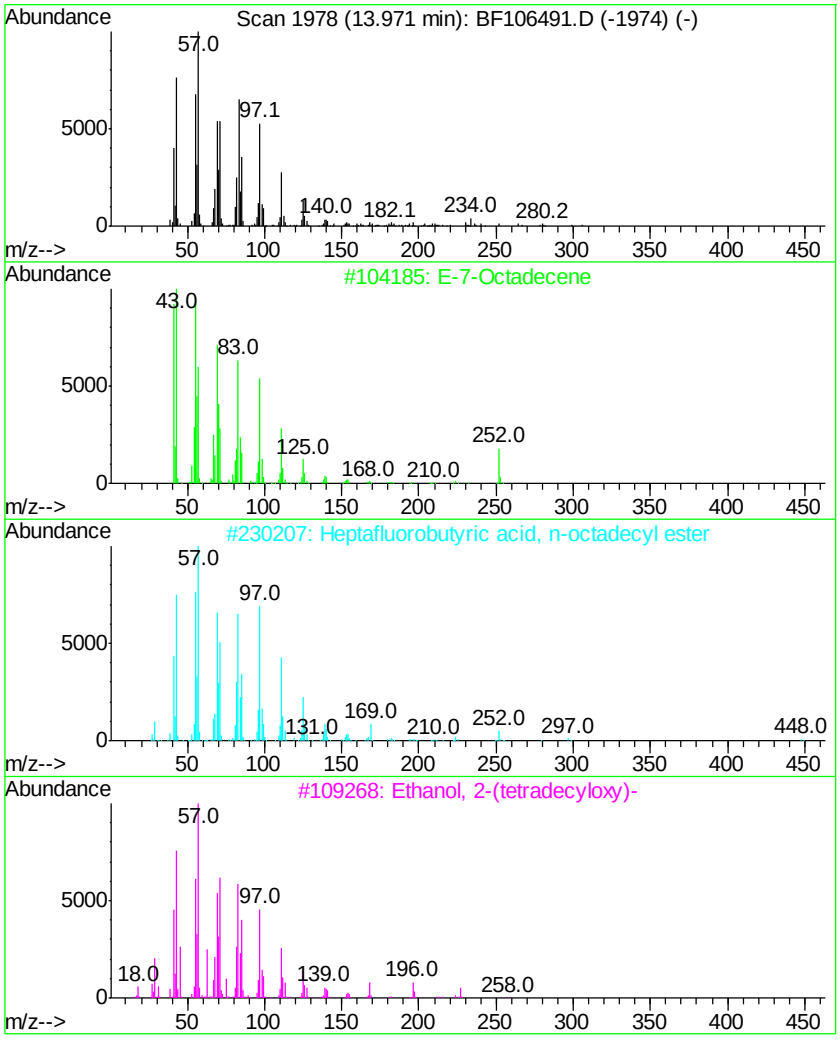
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

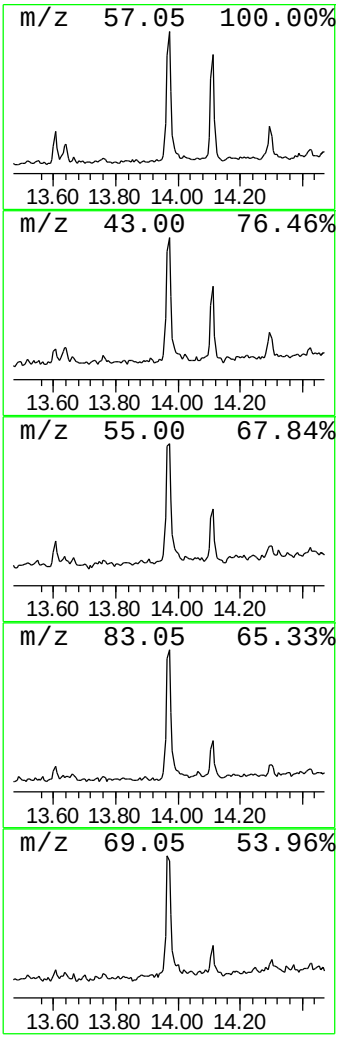
****

Peak Number 4 E-7-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.71 ng	368209	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	93
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





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Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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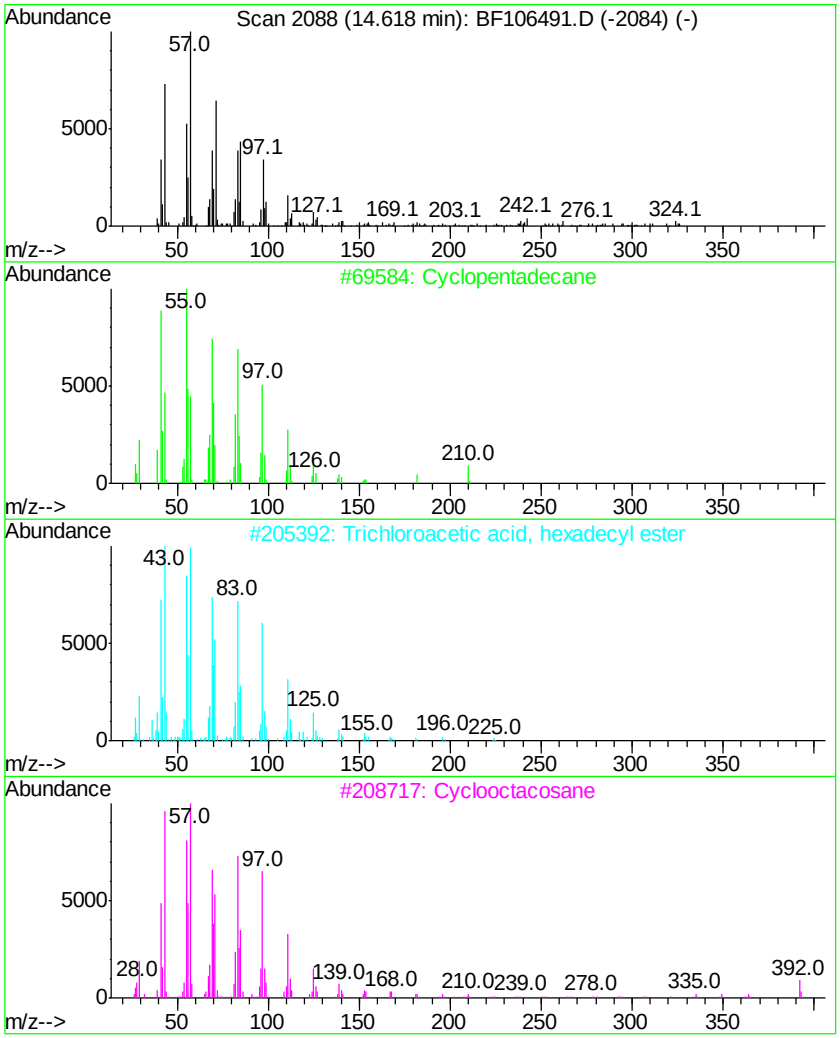
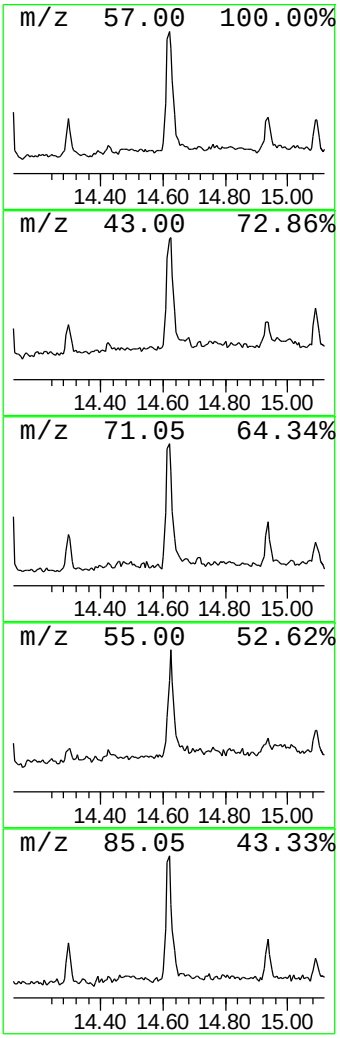
Peak Number 5 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	8.88 ng	423834	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Cyclooctacosane	392	C28H56	000297-24-5	91
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Library Search Compound Report

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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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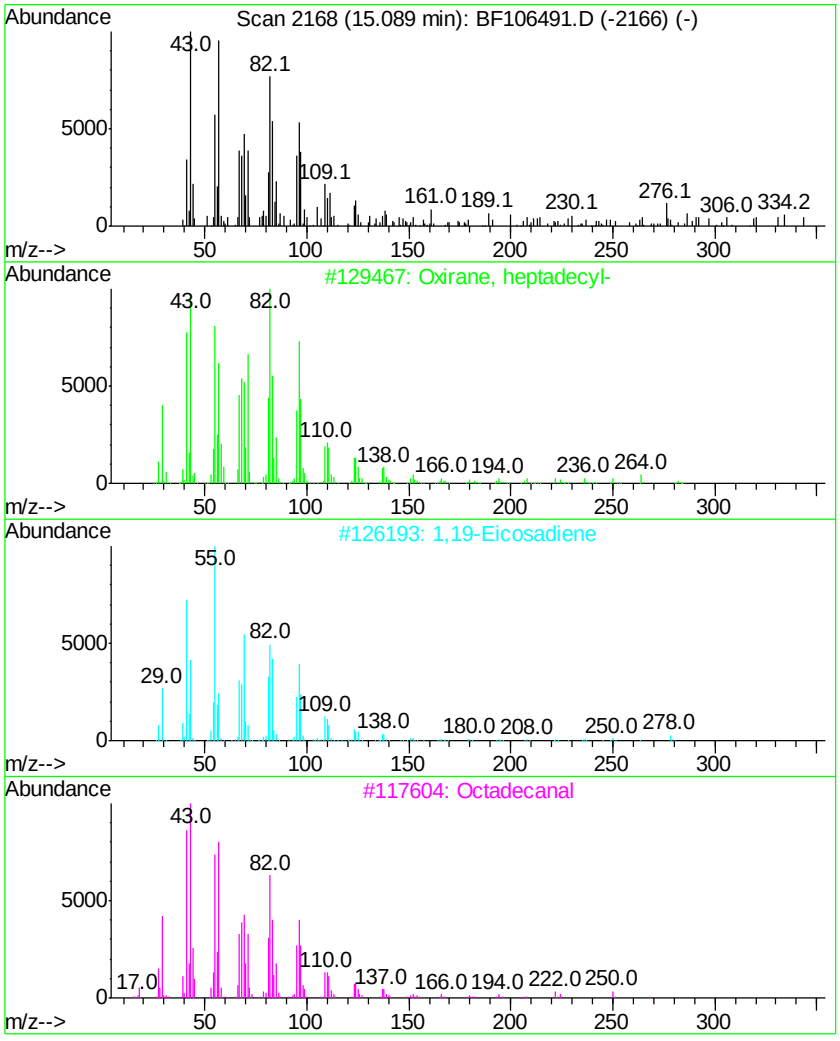
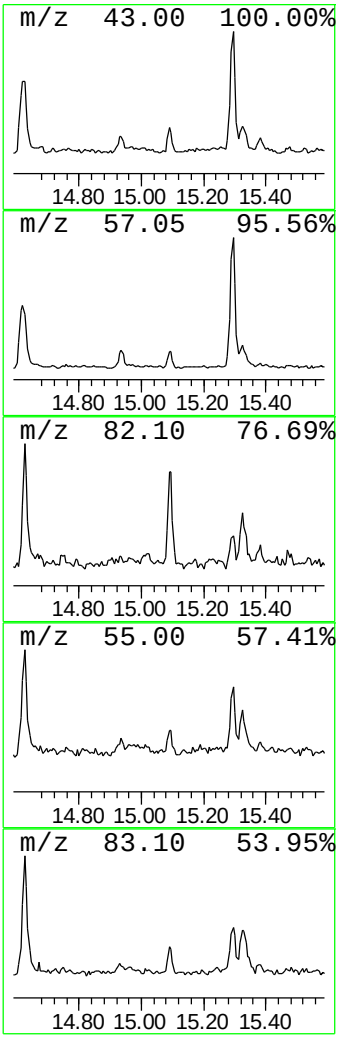
Peak Number 6 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.73 ng	109221	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Hexadecanal	240	C16H32O	000629-80-1	91
5	Heptadecanal	254	C17H34O	1000376-70-0	91





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Instrument : BNA_F
ClientSampleId : #1

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TIC Library : C:\DATABASE\NIST11.L
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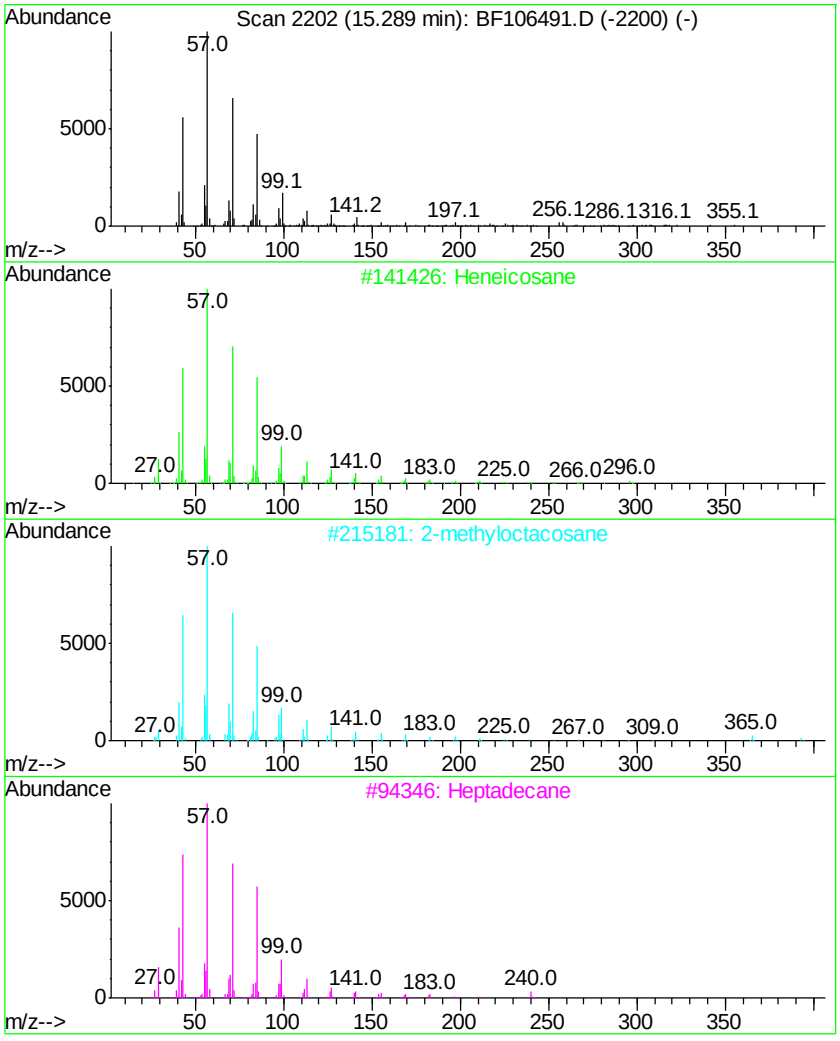
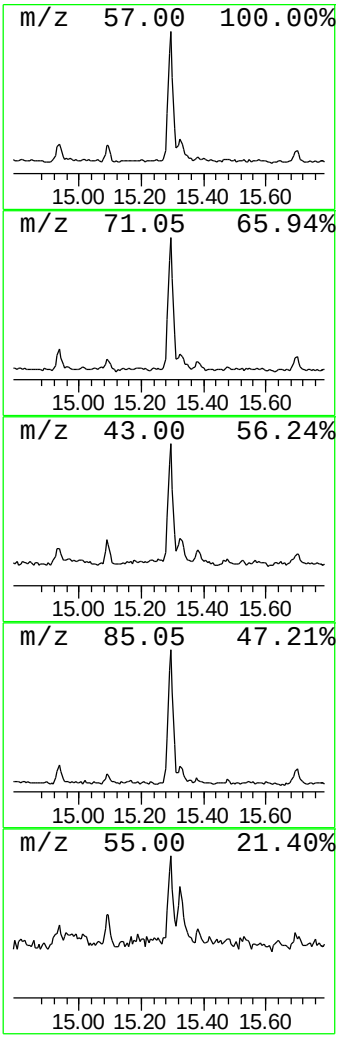
Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	8.74 ng	349235	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Hexadecane	226	C16H34	000544-76-3	83





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Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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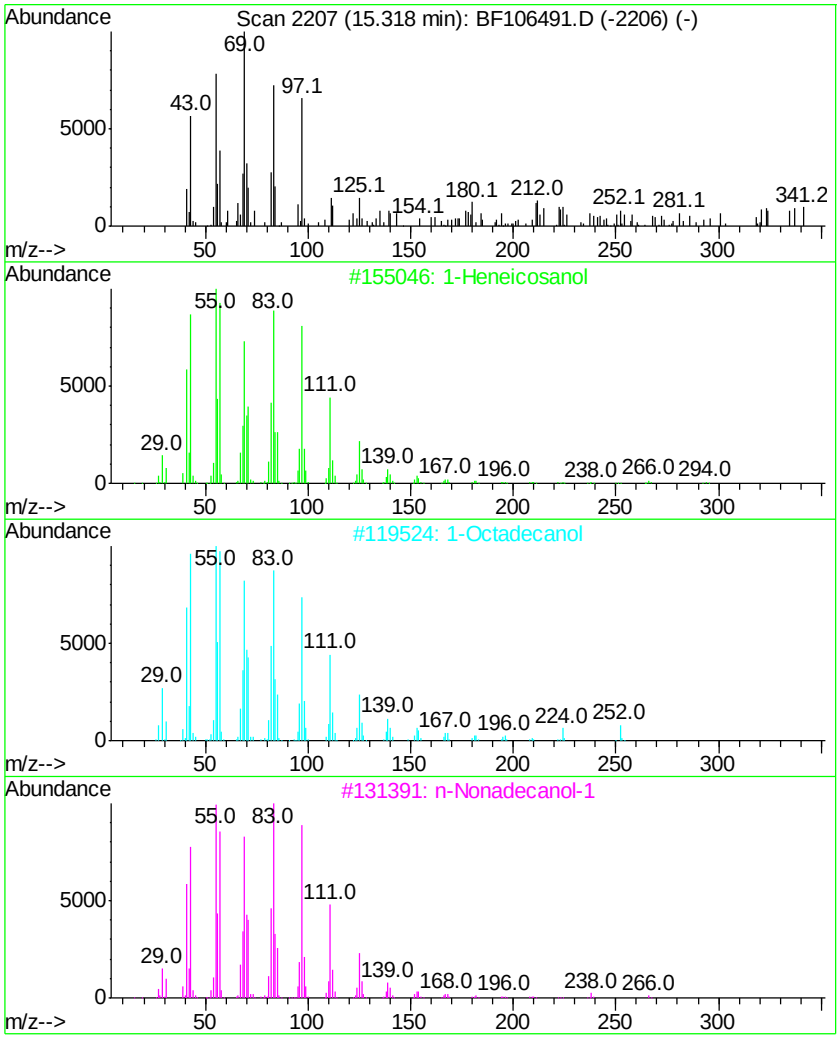
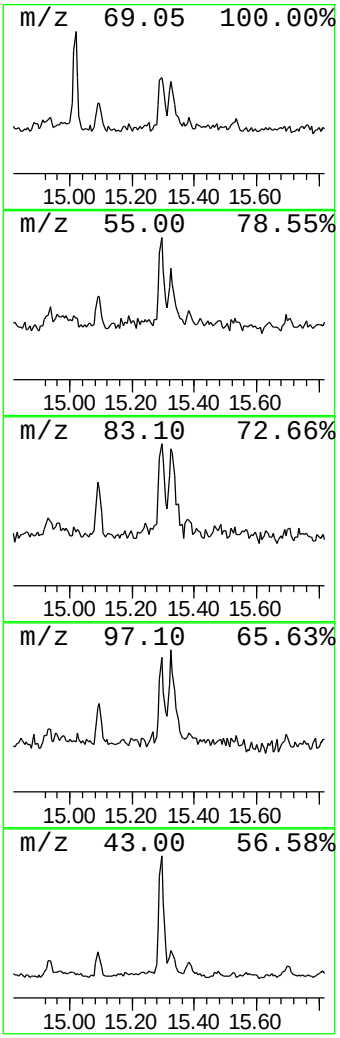
Peak Number 8 1-Heneicosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.36 ng	134155	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106491.D
Acq On : 15 Jun 2018 15:01
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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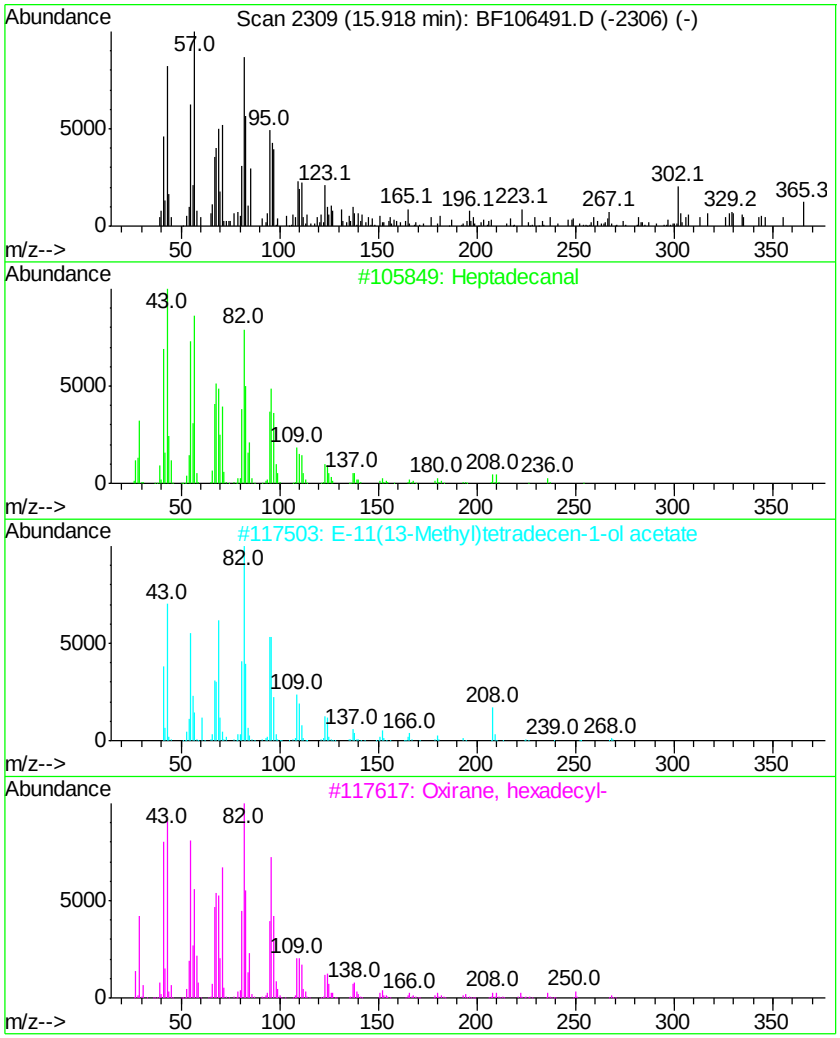
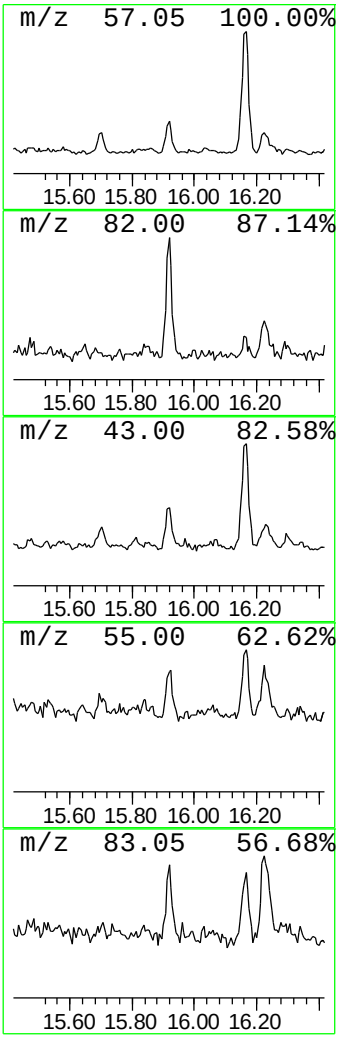
Peak Number 9 Heptadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.28 ng	130923	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	89
2	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	86
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	78
4	Octadecanal	268	C18H36O	000638-66-4	70
5	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	60





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Acq On : 15 Jun 2018 15:01
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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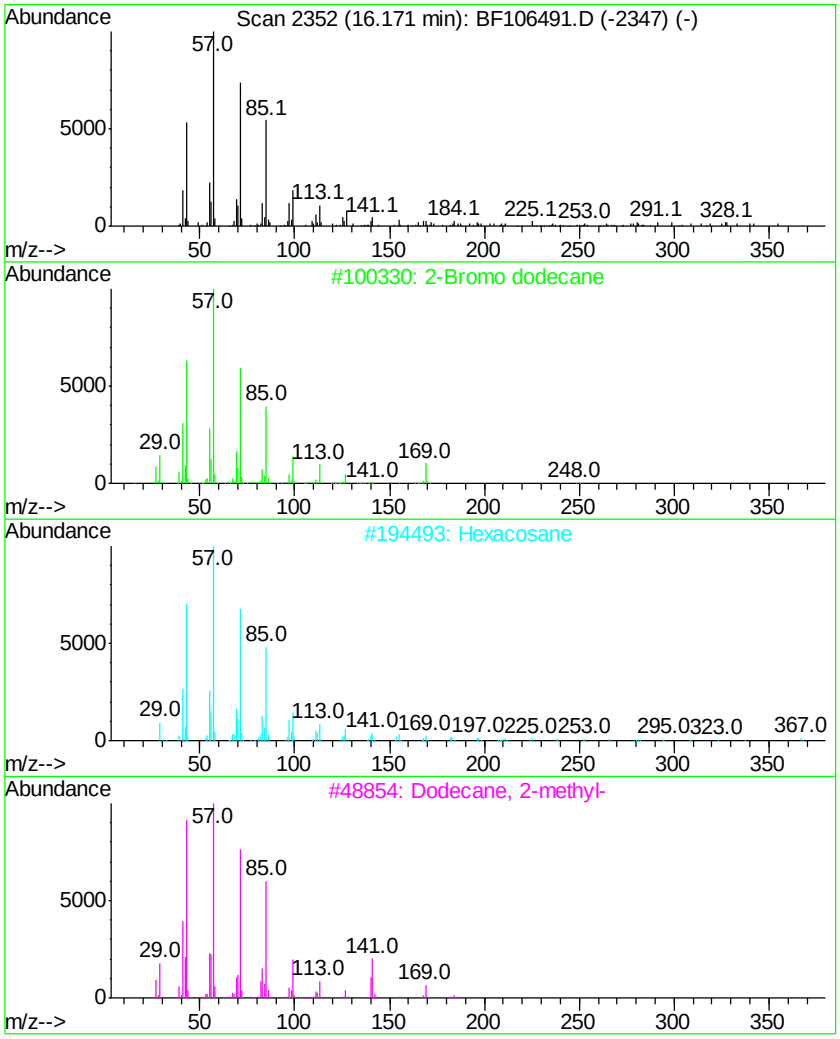
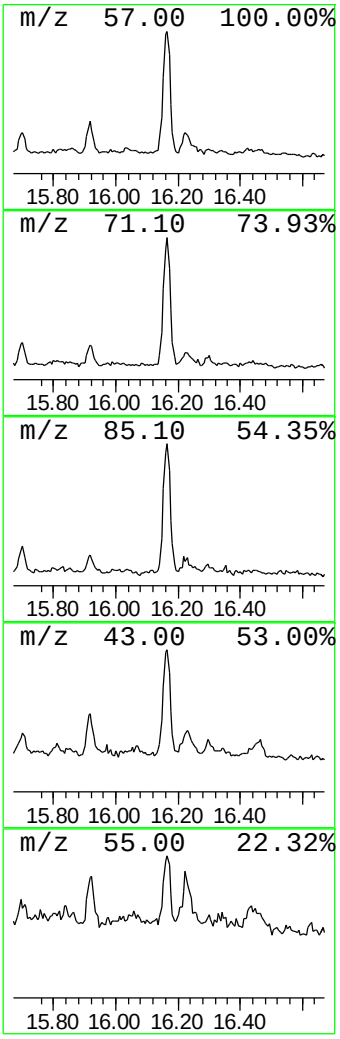
Peak Number 10 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	5.73 ng	228911	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octadecane	254	C18H38	000593-45-3	83





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Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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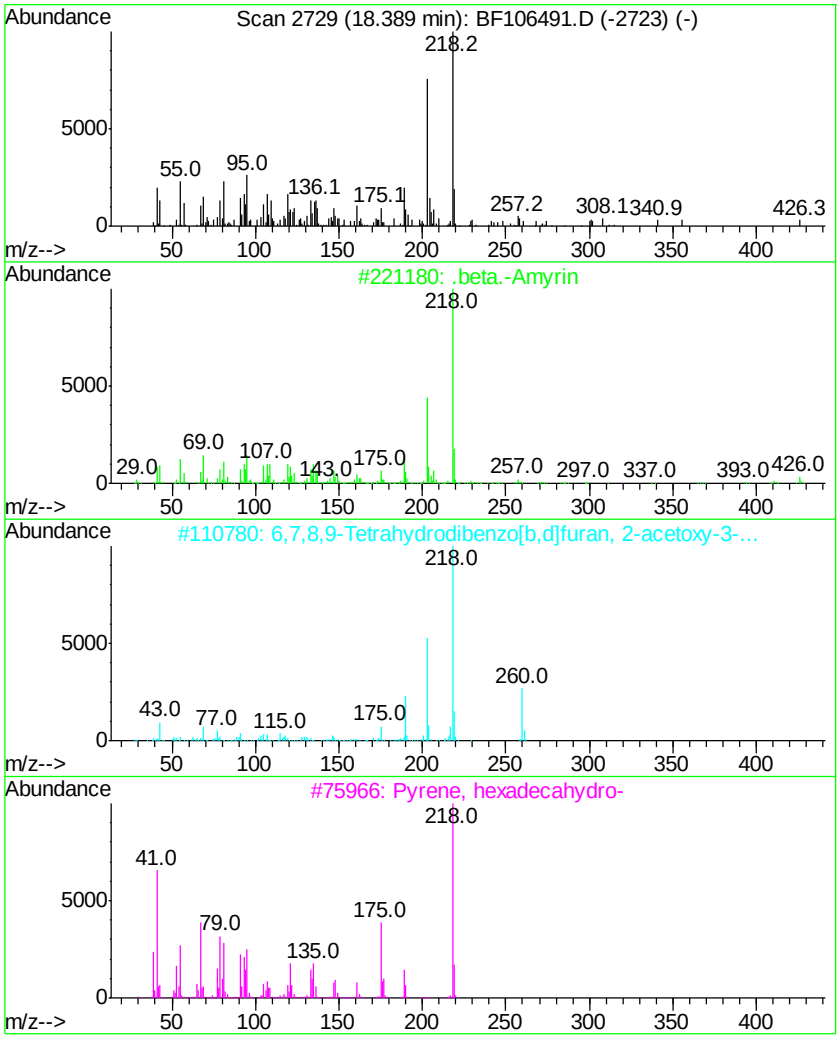
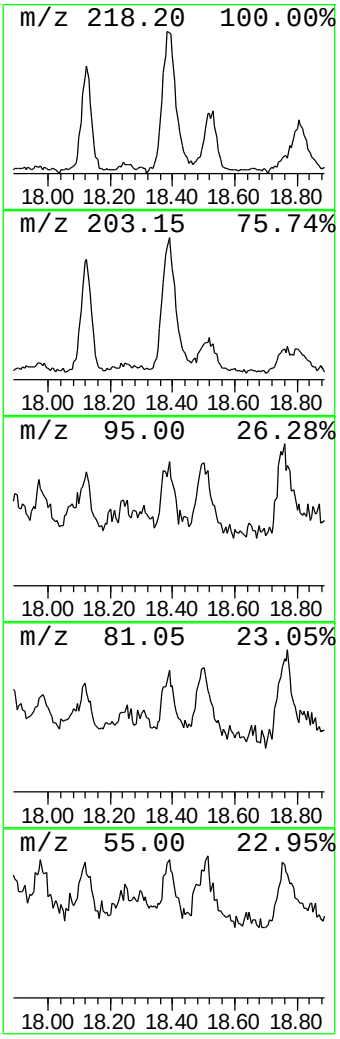
Peak Number 12 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	6.73 ng	268719	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	91
2	6,7,8,9-Tetrahydrodibenzo[b,d]fu...	260	C15H16O4	1000196-34-3	64
3	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	46
4	2H-1-Benzopyran-2-one, 7-acetyl-...	260	C14H12O5	129812-32-4	43
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106491.D
Acq On : 15 Jun 2018 15:01
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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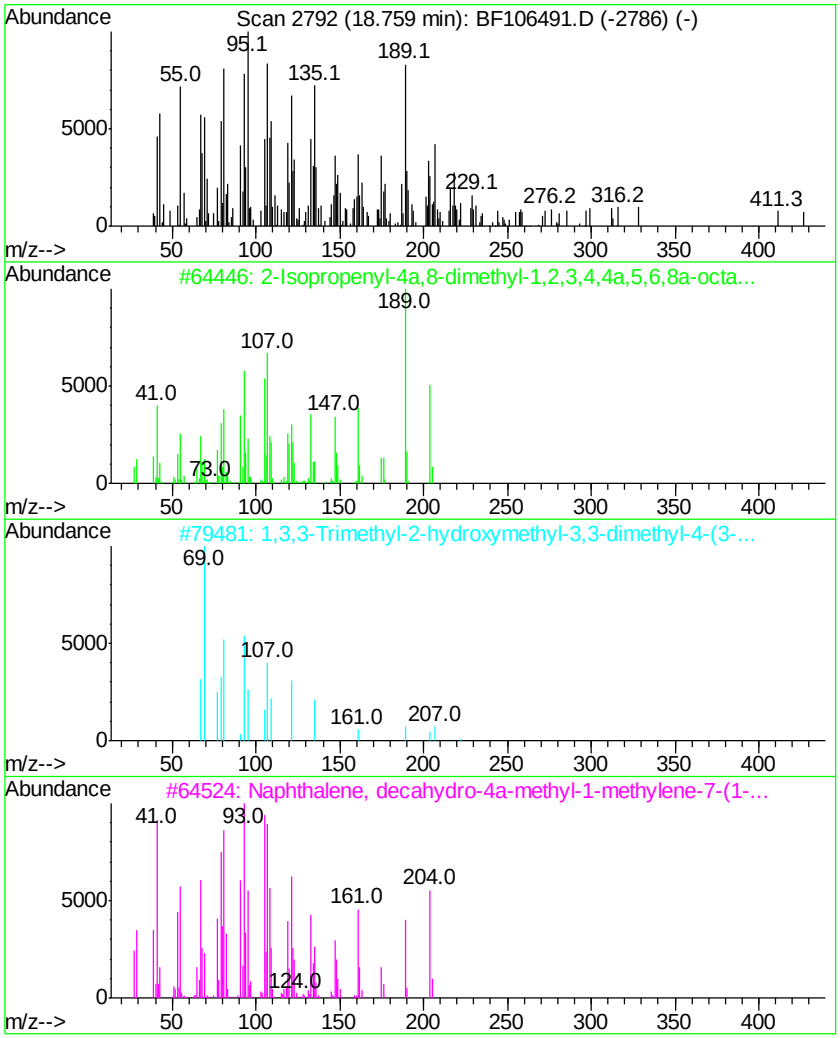
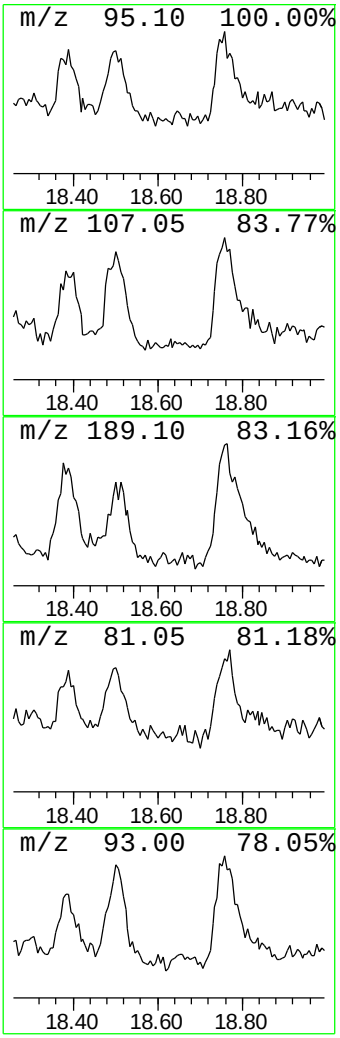
Peak Number 13 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	7.93 ng	316768	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	90
2	1,3,3-Trimethyl-2-hydroxymethyl-...	222	C15H26O	1000144-10-7	84
3	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	78
4	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	78
5	Cyclopropa[d]naphthalen-2(4aH)-o...	204	C14H20O	004677-90-1	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106491.D
Acq On : 15 Jun 2018 15:01
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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...	5.20	6.6	ng	232047	1	6.97	703753	20.0
unknown6.74	6.74	66.2	ng	2330430	1	6.97	703753	20.0
E-7-Octadecene	13.97	7.7	ng	368209	5	14.15	954791	20.0
Cyclopentadecane	14.62	8.9	ng	423834	5	14.15	954791	20.0
Oxirane, heptadecyl-	15.09	2.7	ng	109221	6	15.69	799138	20.0
Heneicosane	15.29	8.7	ng	349235	6	15.69	799138	20.0
1-Heneicosanol	15.32	3.4	ng	134155	6	15.69	799138	20.0
Heptadecanal	15.92	3.3	ng	130923	6	15.69	799138	20.0
2-Bromo dodecane	16.17	5.7	ng	228911	6	15.69	799138	20.0
.beta.-Amyrin	18.39	6.7	ng	268719	6	15.69	799138	20.0
2-Isopropenyl-4a,...	18.76	7.9	ng	316768	6	15.69	799138	20.0