LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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_M\METHODS\8270-BM021119.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	5.287	368	374	385	rBV	782618	1252742	2.88%	0.808%
2	6.869	635	643	657	rBV	771941	1441798	3.31%	0.930%
3	7.228	697	704	712	rBV	868845	1407227	3.23%	0.907%
4	7.692	777	783	795	rVB	420364	674549	1.55%	0.435%
5	8.010	830	837	846	rVB	612922	995286	2.29%	0.642%
6	8.863	974	982	996	rBV	449069	851841	1.96%	0.549%
7	10.481	1251	1257	1263	rVB	574867	901890	2.07%	0.581%
8	12.957	1672	1678	1685	rBV	1220186	1801400	4.14%	1.161%
9	13.145	1703	1710	1718	rVB	351230	548206	1.26%	0.353%
10	14.227	1889	1894	1901	rBV	577128	806142	1.85%	0.520%
11	14.345	1909	1914	1920	rVB2	912900	1407347	3.23%	0.907%
12	15.180	2052	2056	2061	rVB	638571	776770	1.79%	0.501%
13	15.845	2164	2169	2175	rVB	1123046	1622017	3.73%	1.046%
14	16.045	2199	2203	2211	rBV	709996	1213395	2.79%	0.782%
15	16.839	2334	2338	2342	rBV	677484	792487	1.82%	0.511%
16	17.098	2376	2382	2386	rBV	1257909	1884436	4.33%	1.215%
17	17.139	2386	2389	2399	rVB	1063627	1513104	3.48%	0.975%
18	17.580	2460	2464	2468	rBV	612725	721019	1.66%	0.465%
19	17.762	2490	2495	2500	rVB	7352350	8637223	19.85%	5.568%
20	17.992	2527	2534	2544	rBV2	2208201	3934763	9.04%	2.537%
21	18.274	2577	2582	2586	rBV	604561	789080	1.81%	0.509%
22	18.915	2685	2691	2693	rBV	26595470	31550609	72.51%	20.340%
23	18.951	2693	2697	2707	rVB2	32420937	43511808	100.00%	28.051%
24	19.074	2714	2718	2723	rVB	3904169	4344937	9.99%	2.801%
25	19.133	2723	2728	2729	rBV	946377	1113253	2.56%	0.718%
26	19.162	2729	2733	2739	rVB2	3304118	4737150	10.89%	3.054%
27	19.280	2748	2753	2765	rVB	4322501	5604890	12.88%	3.613%
28	19.451	2778	2782	2786	rVB2	772137	986884	2.27%	0.636%
29	19.498	2786	2790	2792	rVV2	697518	881045	2.02%	0.568%
30	19.527	2792	2795	2803	rVB	1562456	2297091	5.28%	1.481%
31	19.733	2826	2830	2834	rVB	2636452	3080449	7.08%	1.986%
32	19.945	2862	2866	2869	rBV	664579	778022	1.79%	0.502%
33	20.033	2877	2881	2884	rBV2	515271	711529	1.64%	0.459%
34	20.068	2884	2887	2893	rVB	727519	876159	2.01%	0.565%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.180	2902	2906	2910	rBV2	1003383	1180621	2.71%	0.761%
36	20.527	2962	2965	2970	rBV	438140	499201	1.15%	0.322%
37	20.992	3041	3044	3054	rVB4	638927	1016601	2.34%	0.655%
38	21.133	3065	3068	3071	rVB	605958	647834	1.49%	0.418%
39	21.297	3089	3096	3099	rBV2	2517282	4403872	10.12%	2.839%
40	21.333	3099	3102	3107	rVB	886989	1051707	2.42%	0.678%
41	21.433	3116	3119	3125	rVB2	529572	726584	1.67%	0.468%
42	21.868	3190	3193	3203	rVB2	1059346	1640029	3.77%	1.057%
43	22.327	3268	3271	3278	rVB	912196	1139596	2.62%	0.735%
44	22.544	3304	3308	3314	rVB	1286608	2046309	4.70%	1.319%
45	22.833	3354	3357	3360	rBV	832432	1132970	2.60%	0.730%
46	23.403	3450	3454	3458	rBV	900085	1308870	3.01%	0.844%
47	23.550	3474	3479	3485	rBV	1356509	2492598	5.73%	1.607%
48	24.050	3561	3564	3570	rVB	856751	1381738	3.18%	0.891%

Sum of corrected areas: 155115078

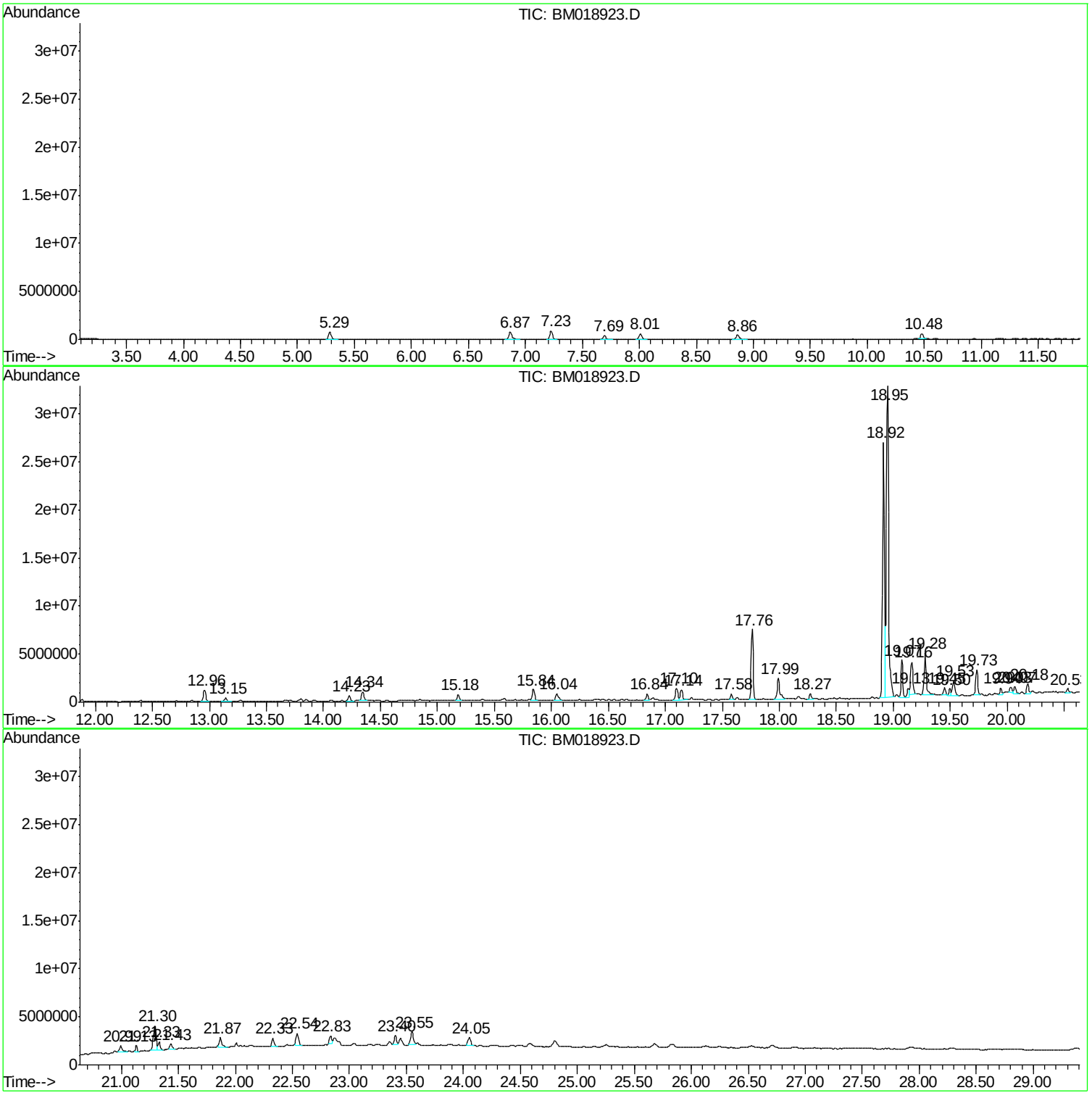
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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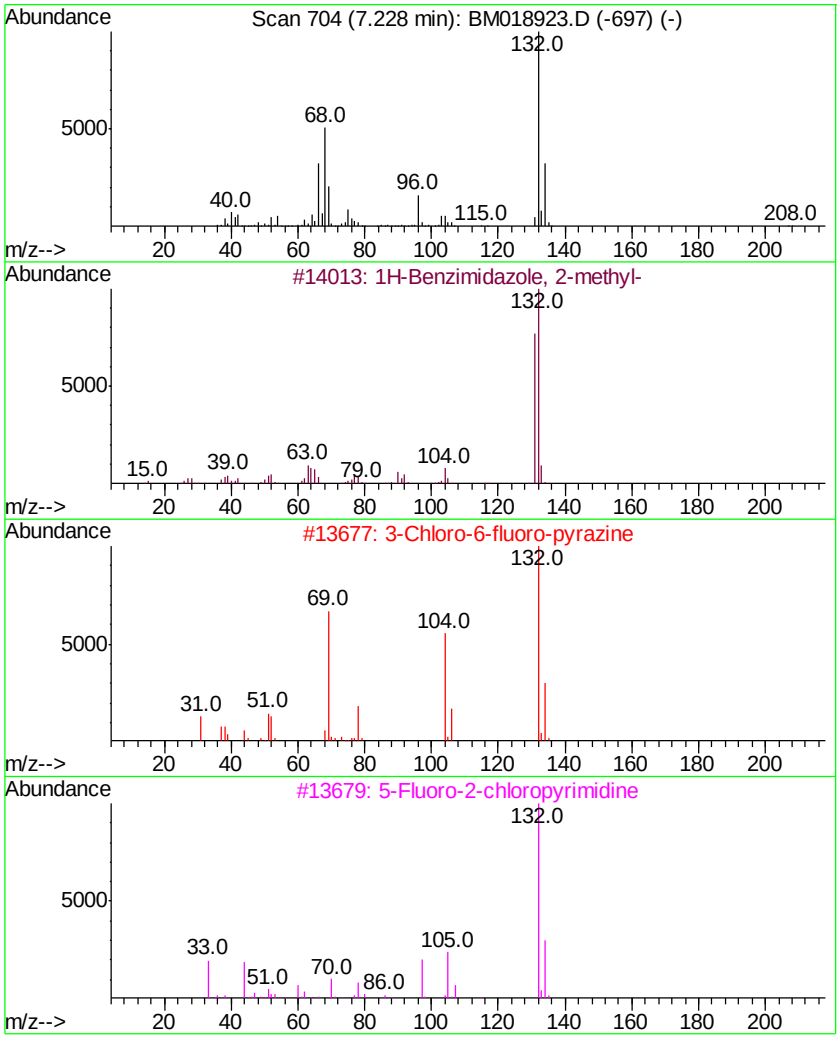
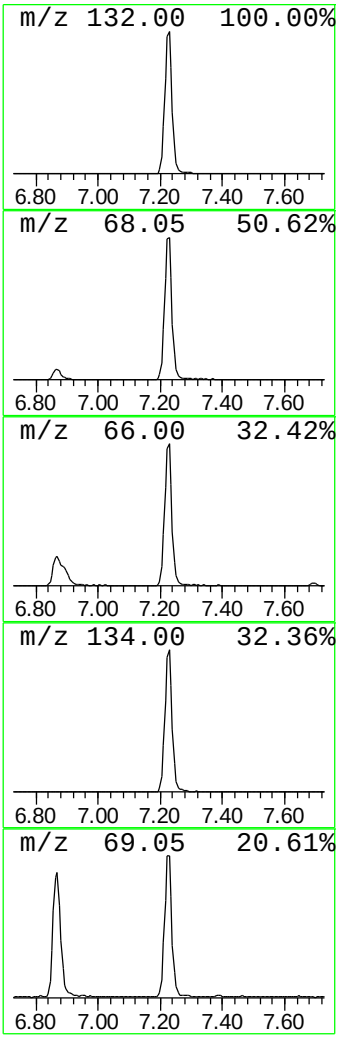
Peak Number 1 unknown7.23 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	41.72 ng	1407230	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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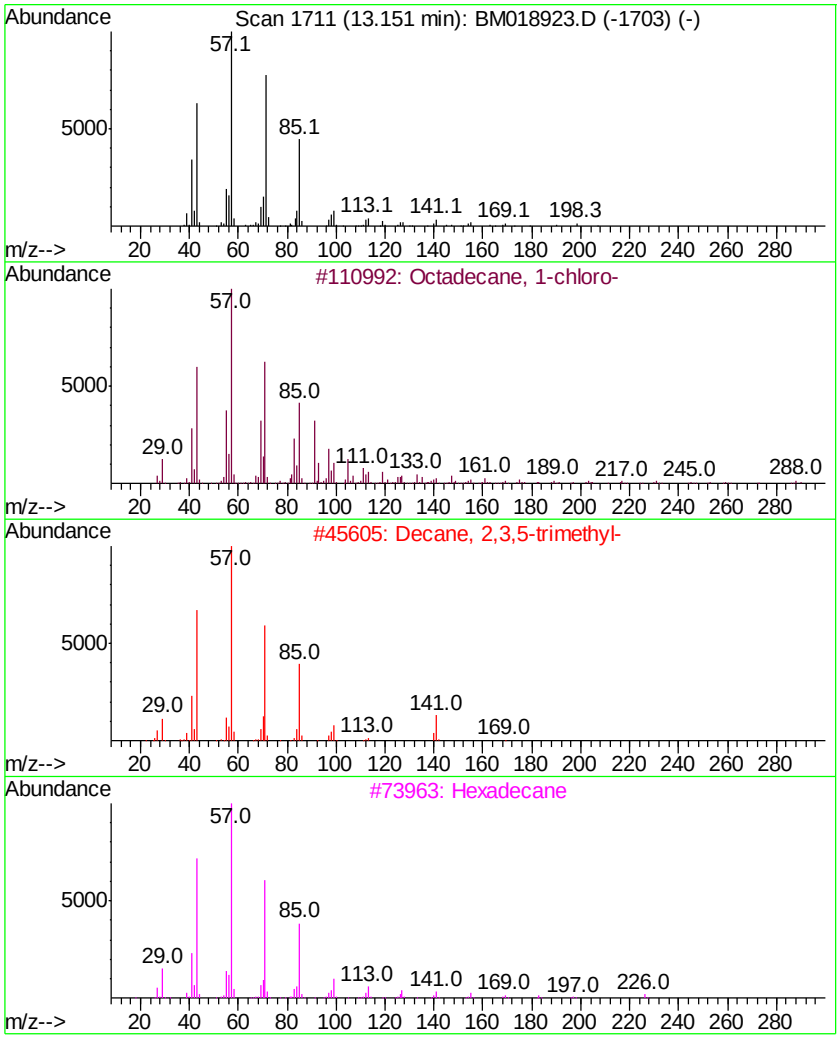
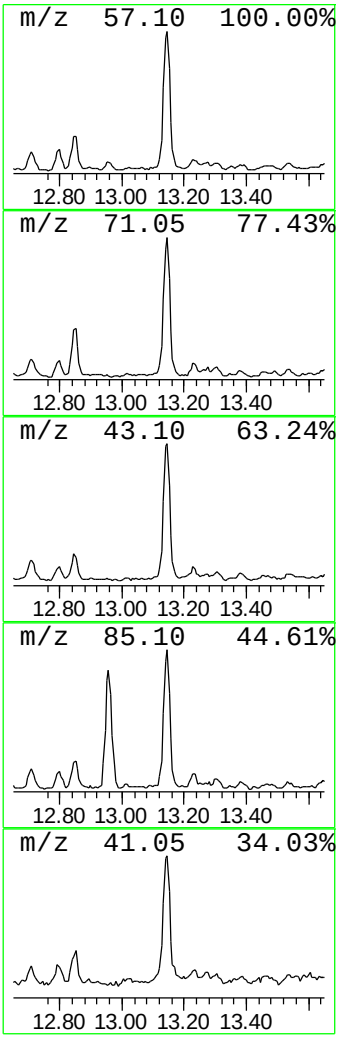
Peak Number 3 Octadecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	7.79 ng	548206	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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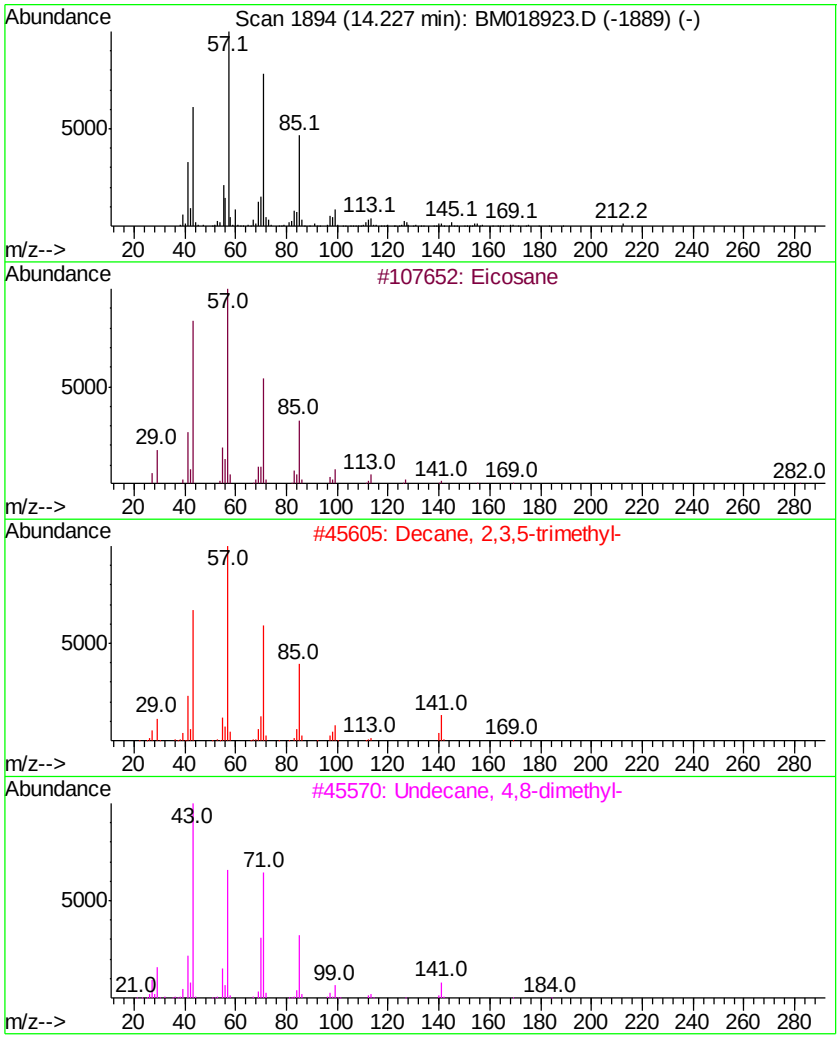
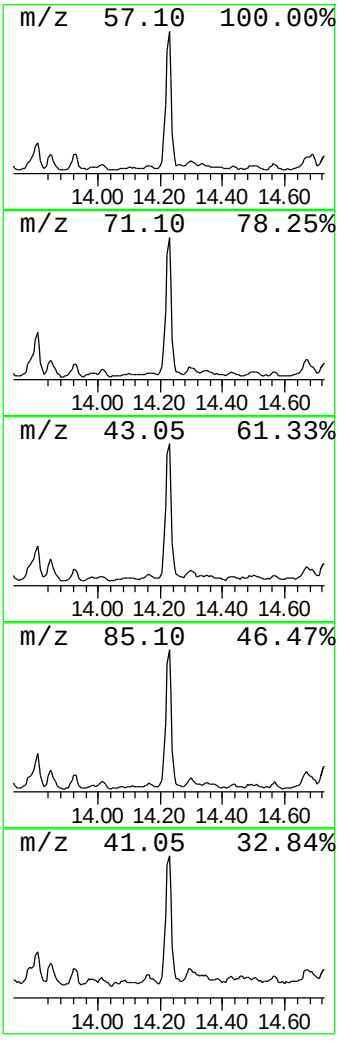
Peak Number 4 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	11.46 ng	806142	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	83
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

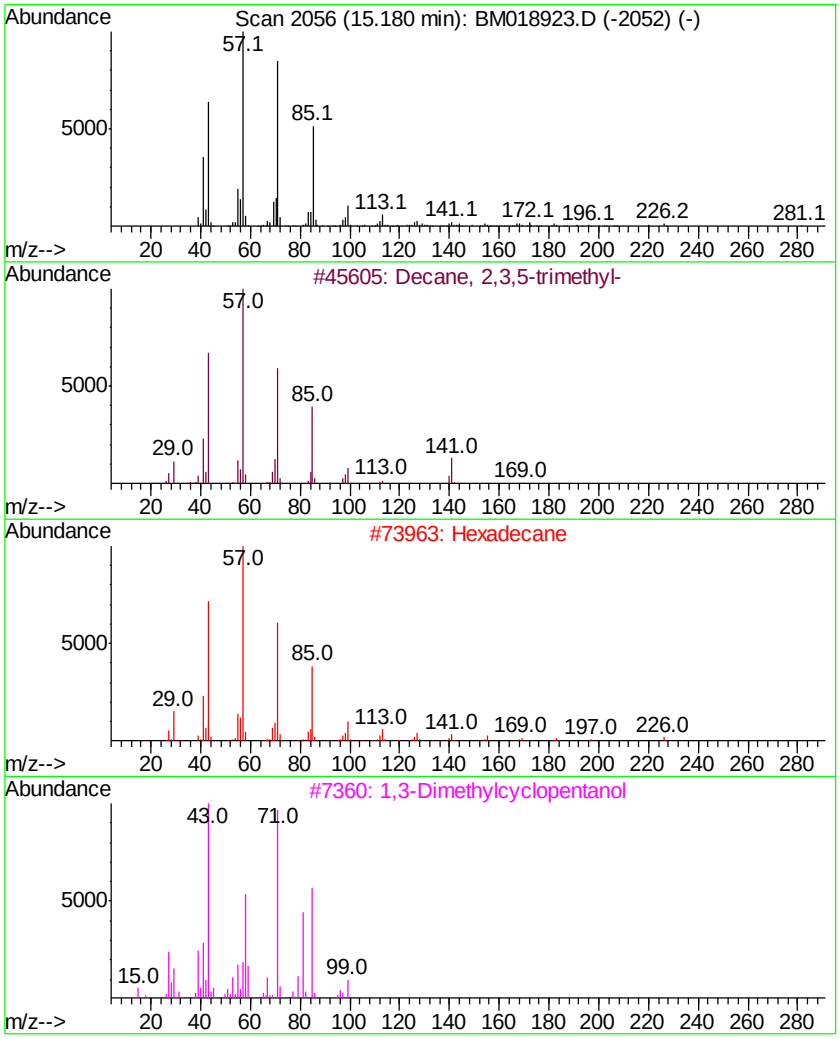
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

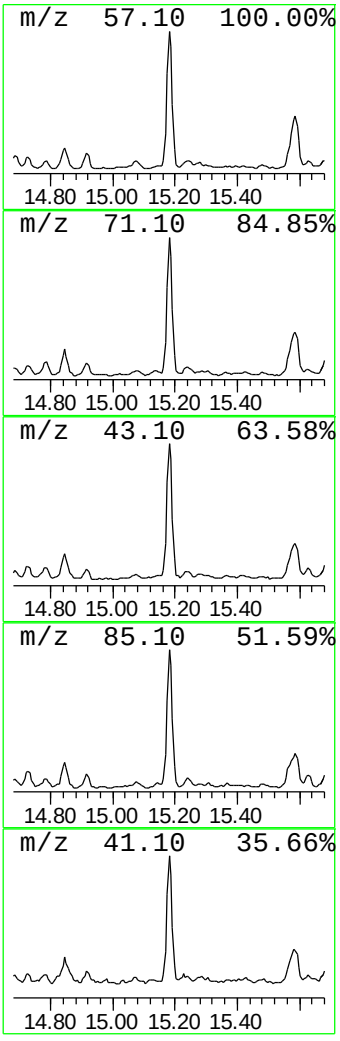
****

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	11.04 ng	776770	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72
4	Nonadecane	268	C19H40	000629-92-5	68
5	10-Methylnonadecane	282	C20H42	056862-62-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

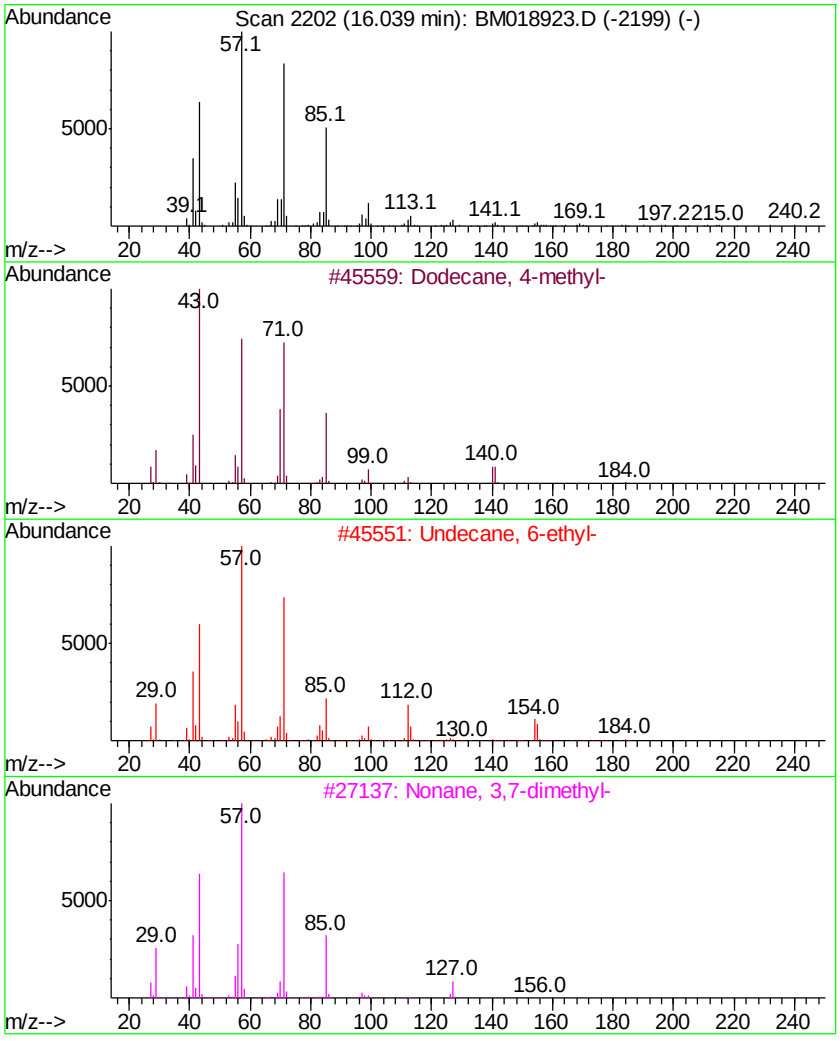
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

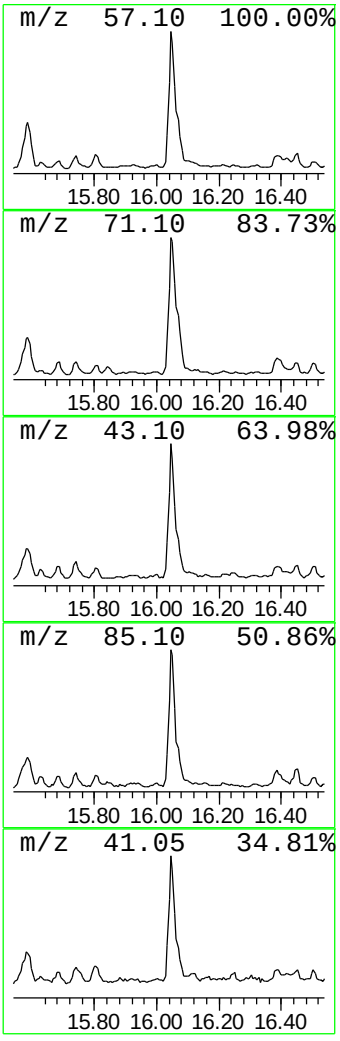
****

Peak Number 6 Dodecane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	12.88 ng	1213400	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	74
5	Decane, 5-propyl-	184	C13H28	017312-62-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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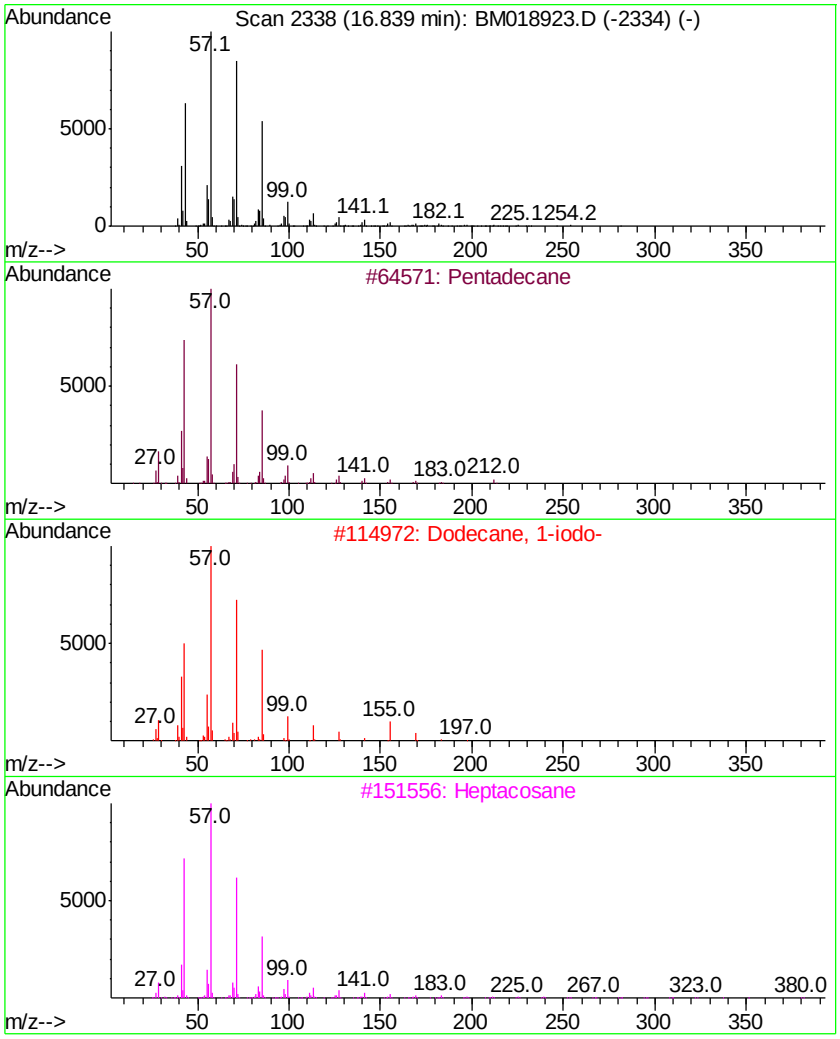
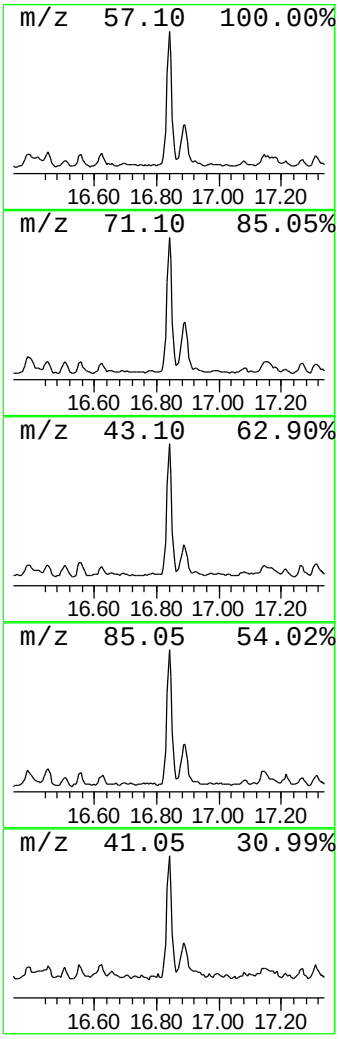
Peak Number 7 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	8.41 ng	792487	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Heneicosane	296	C21H44	000629-94-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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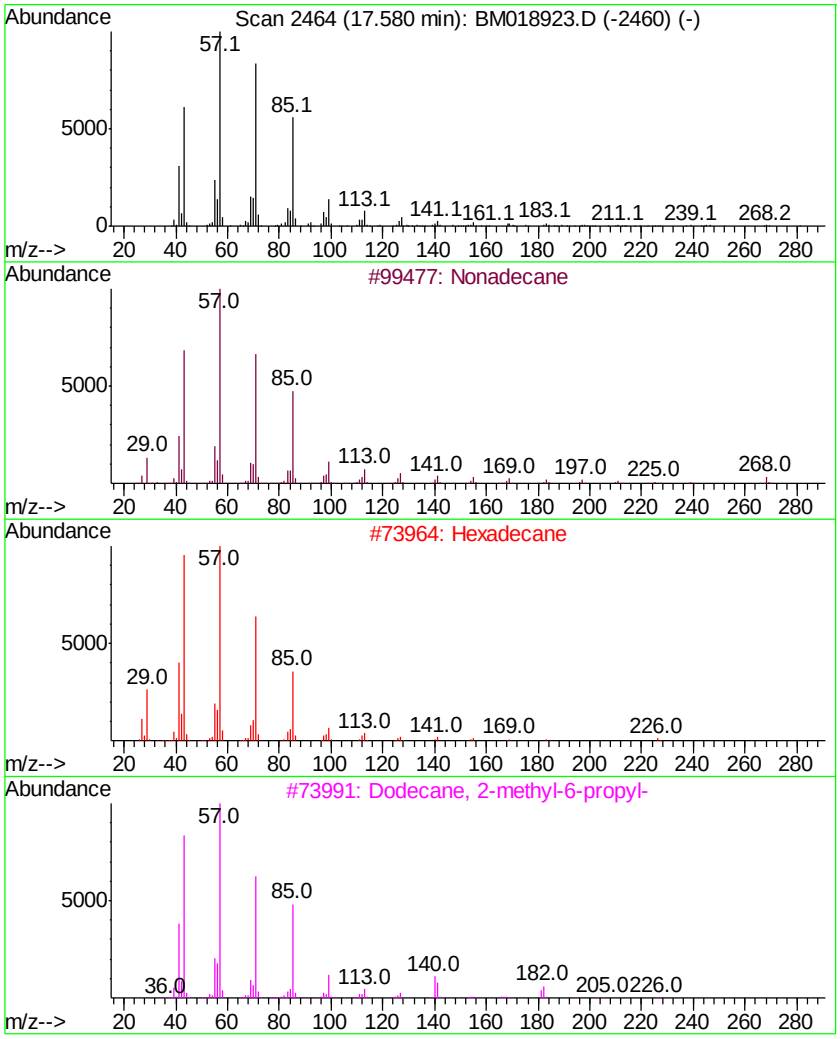
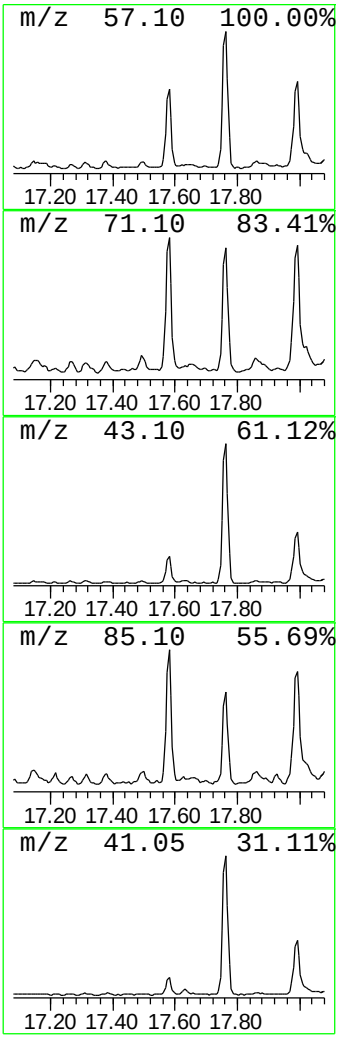
Peak Number 8 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	7.65 ng	721019	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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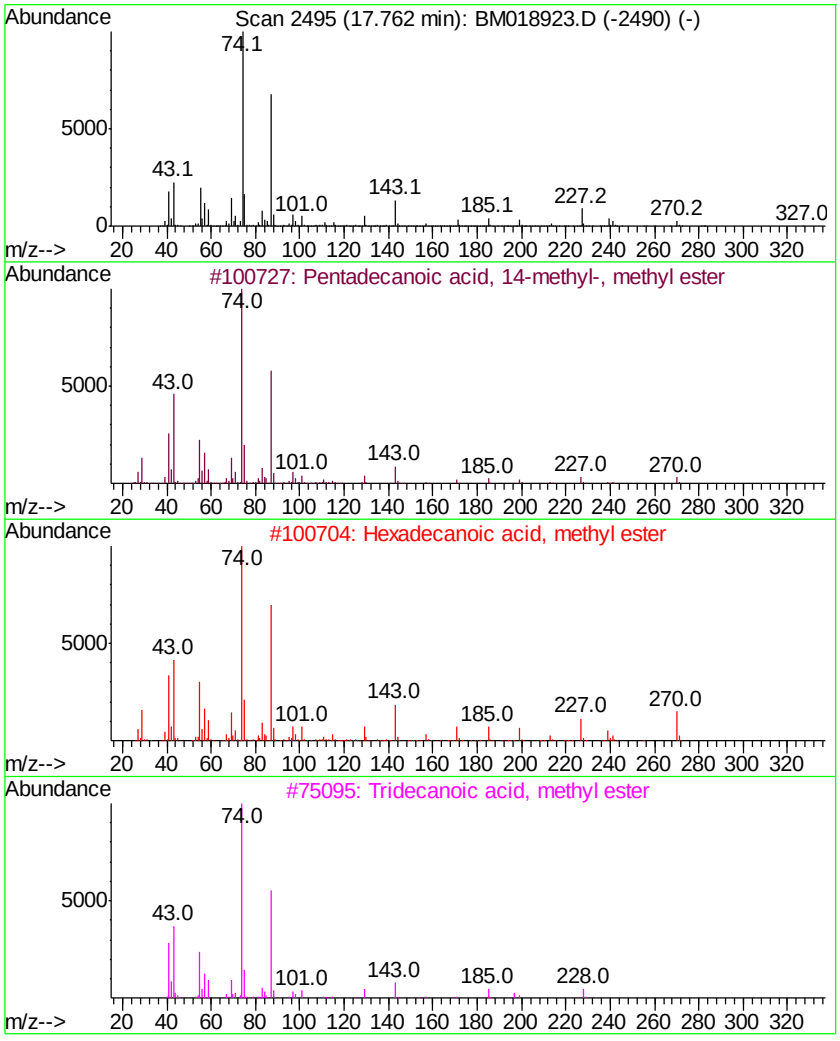
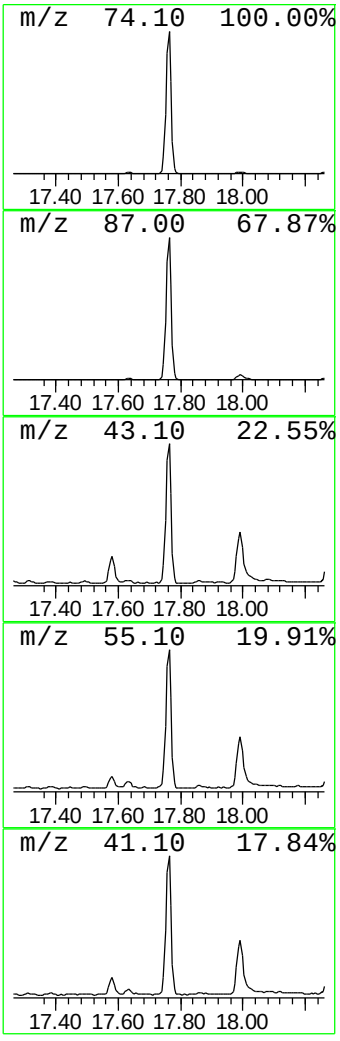
Peak Number 9 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	91.67 ng	8637220	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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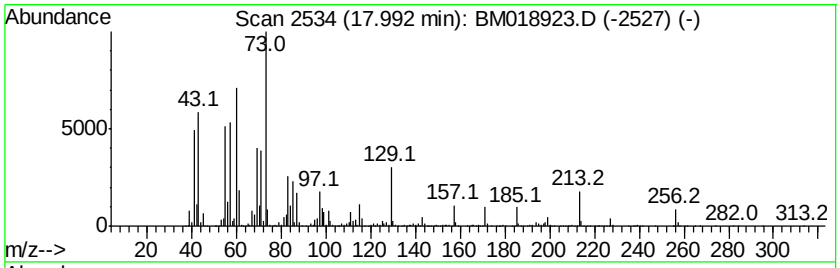
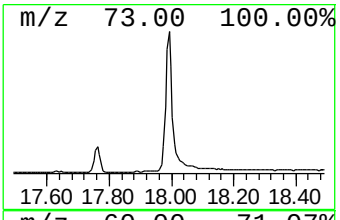
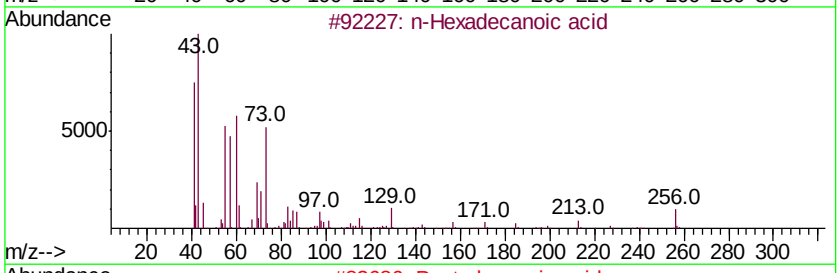
Peak Number 10 n-Hexadecanoic acid Concentration Rank 5

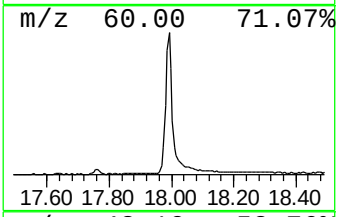
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	41.76 ng	3934760	Phenanthrene-d10	17.10

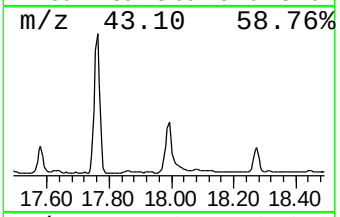
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecane	198	C14H30	000629-59-4	35
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	27

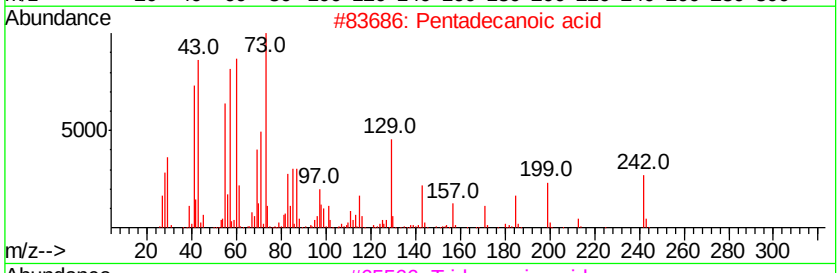


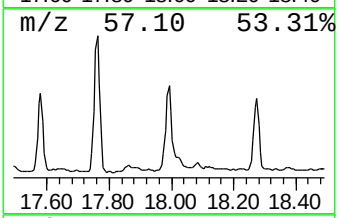


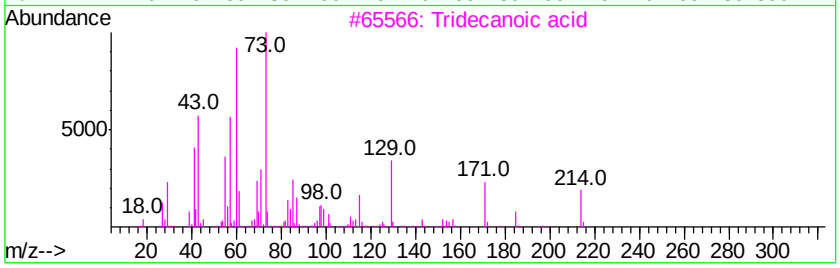


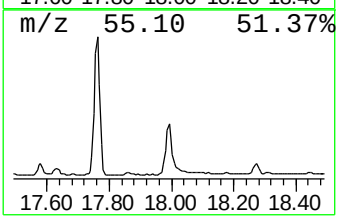












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Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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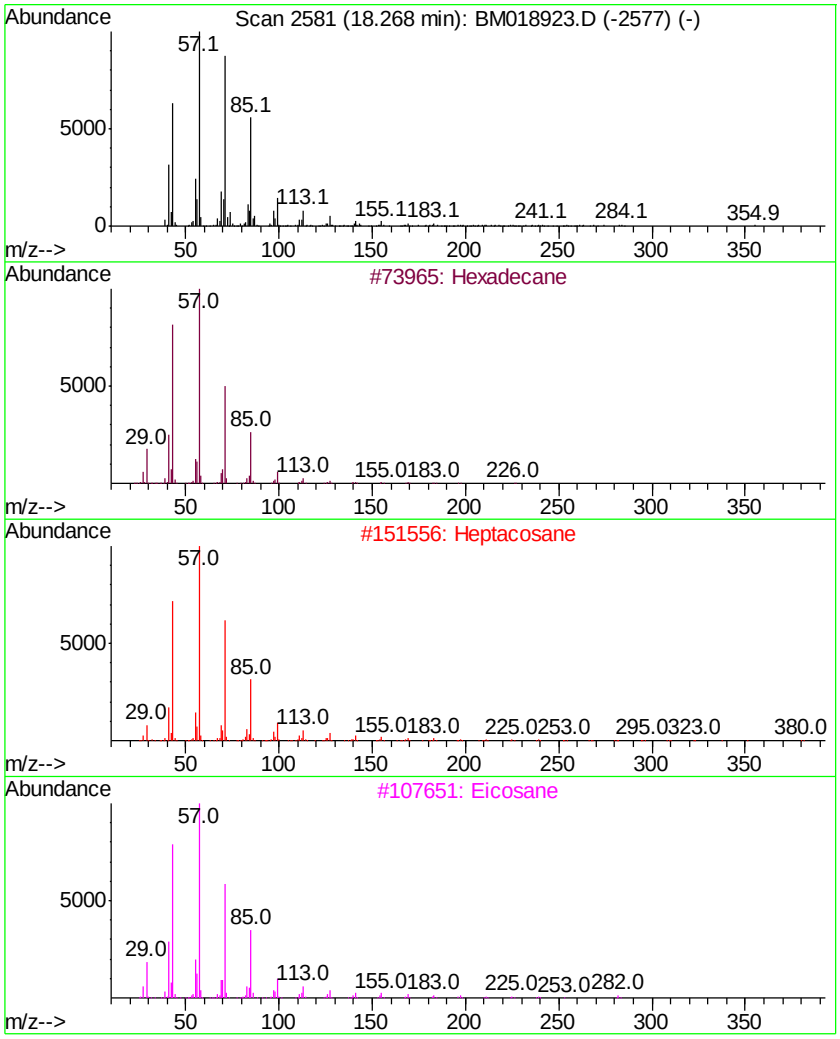
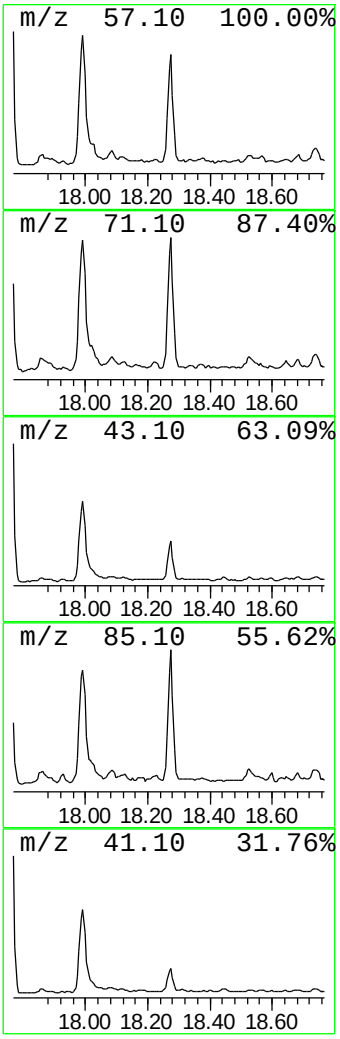
Peak Number 11 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	8.37 ng	789080	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heptacosane	380	C27H56	000593-49-7	83
3	Eicosane	282	C20H42	000112-95-8	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	72





Library Search Compound Report

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Data File : BM018923.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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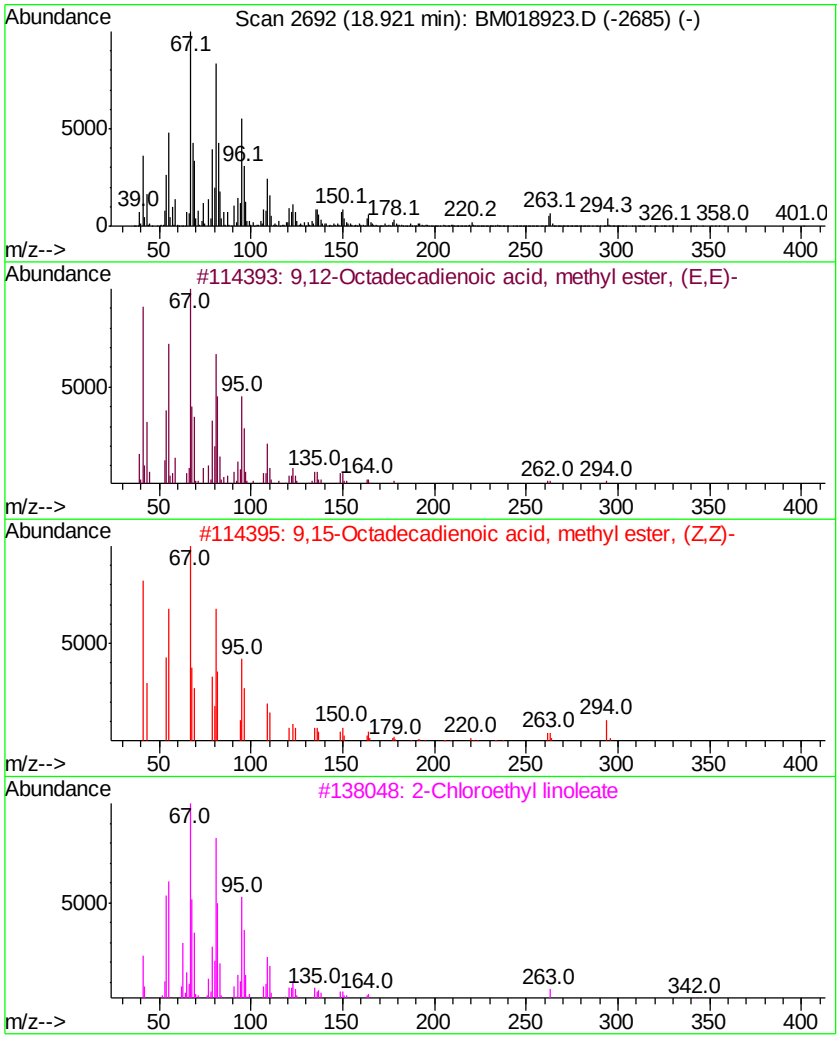
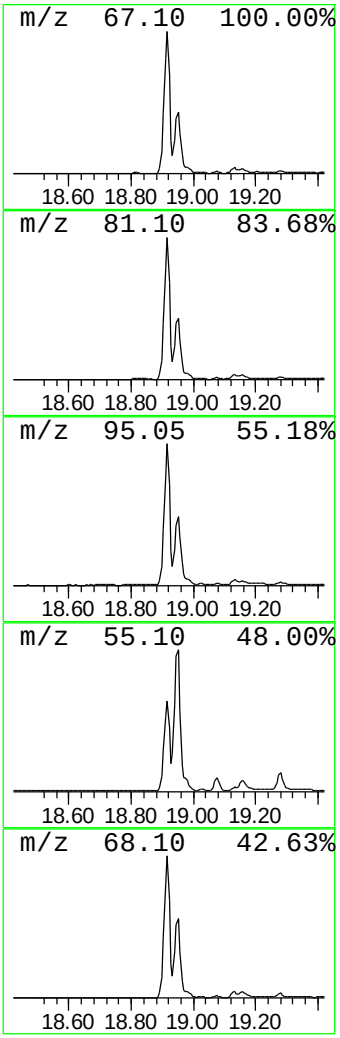
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	334.86 ng	31550600	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	96
4	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	95
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	86





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Sample : K1356-11 2X
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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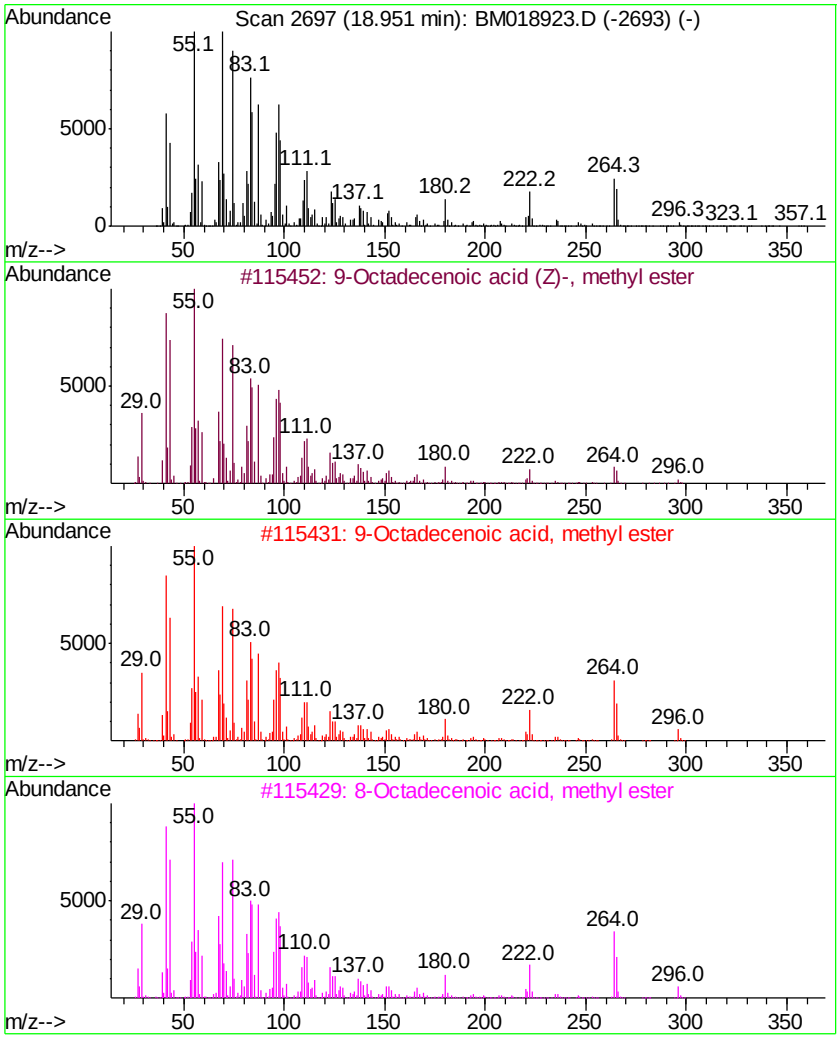
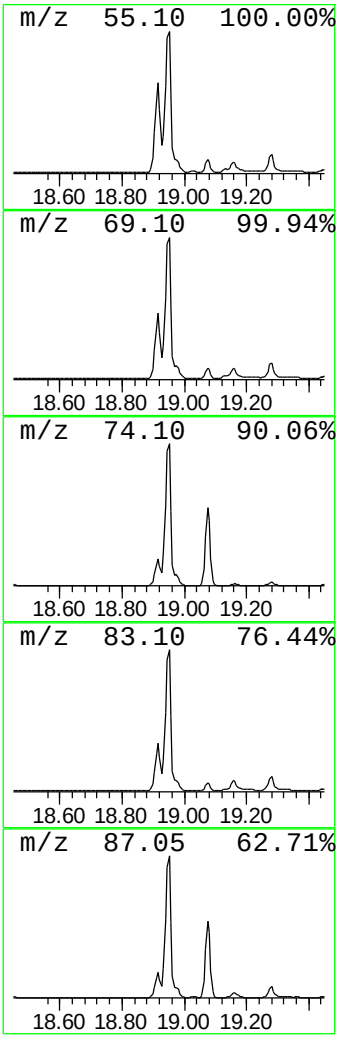
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	461.80 ng	43511800	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	95
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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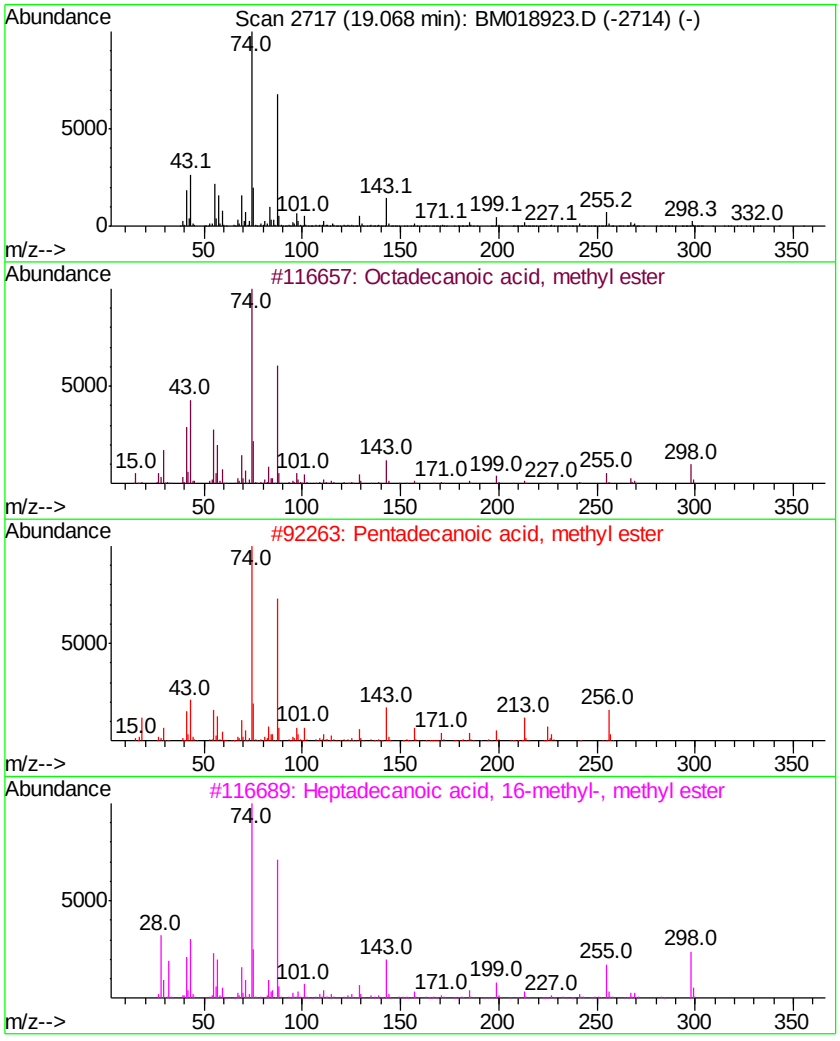
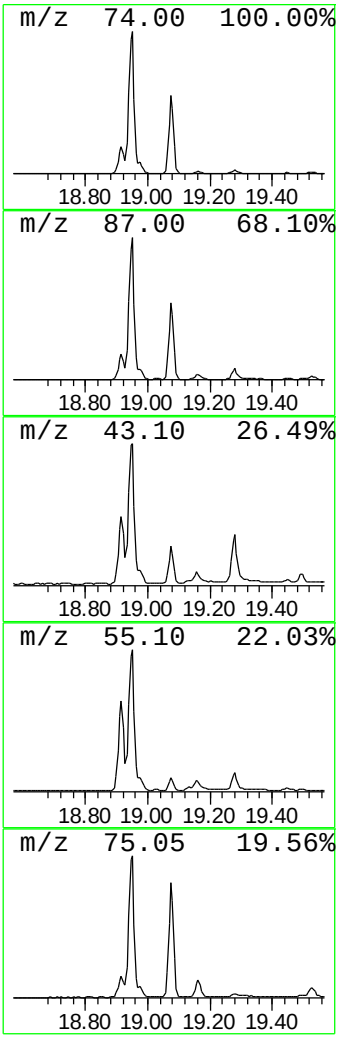
Peak Number 14 Octadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	46.11 ng	4344940	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	94
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93





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Sample : K1356-11 2X
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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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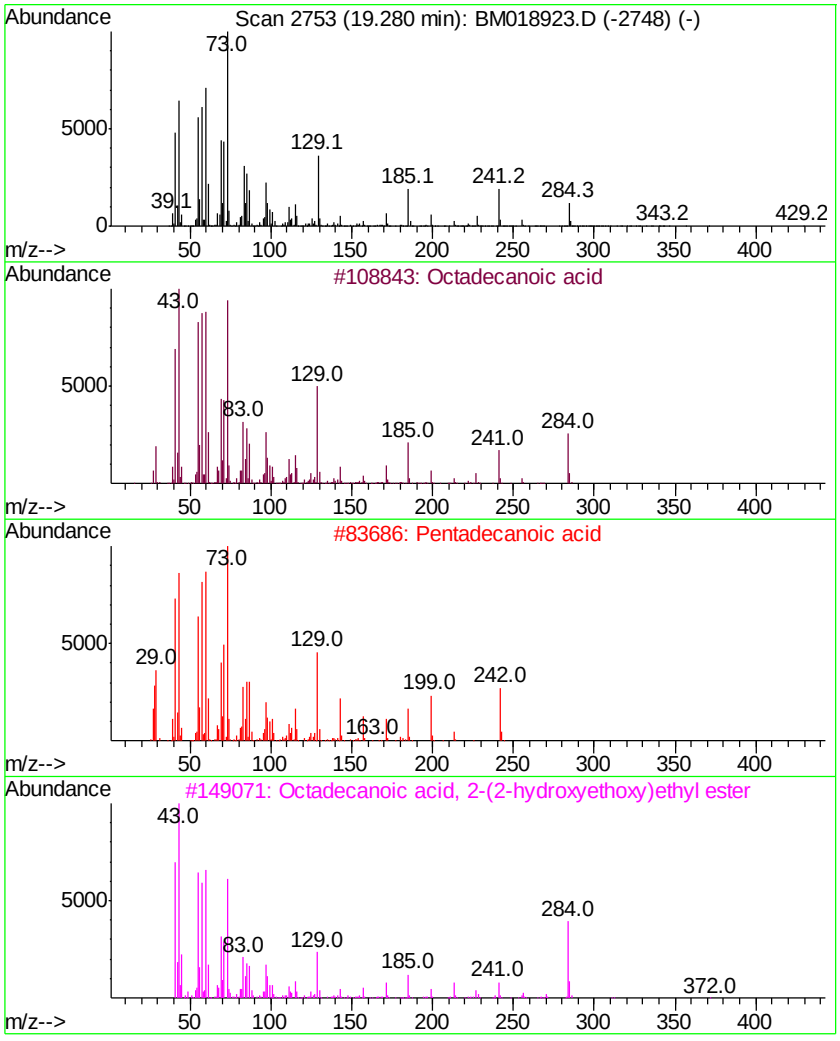
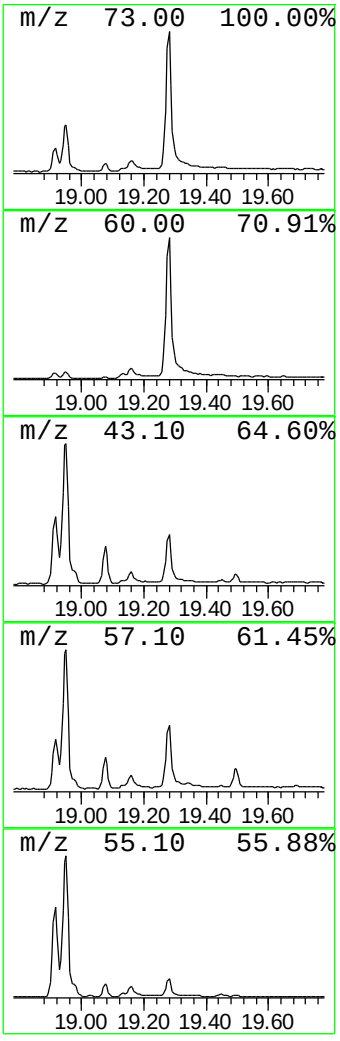
Peak Number 15 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	25.45 ng	5604890	Chrysene-d12	21.30

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	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





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Sample : K1356-11 2X
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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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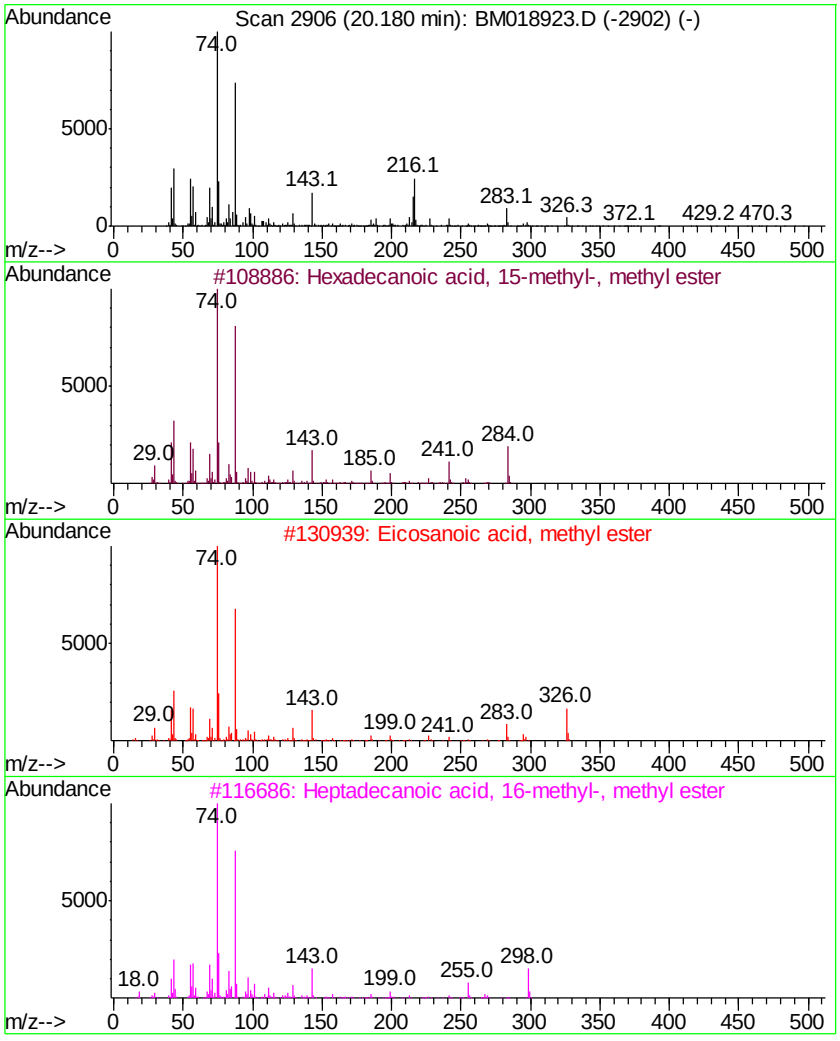
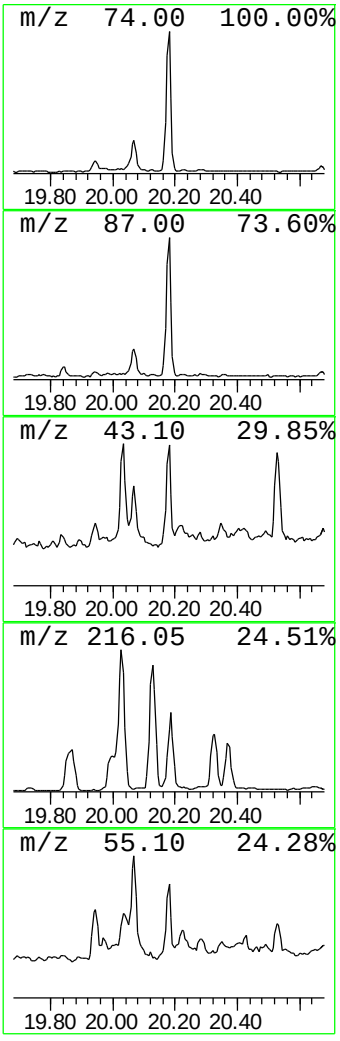
Peak Number 16 Hexadecanoic acid, 15-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	5.36 ng	1180620	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	95
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	74





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Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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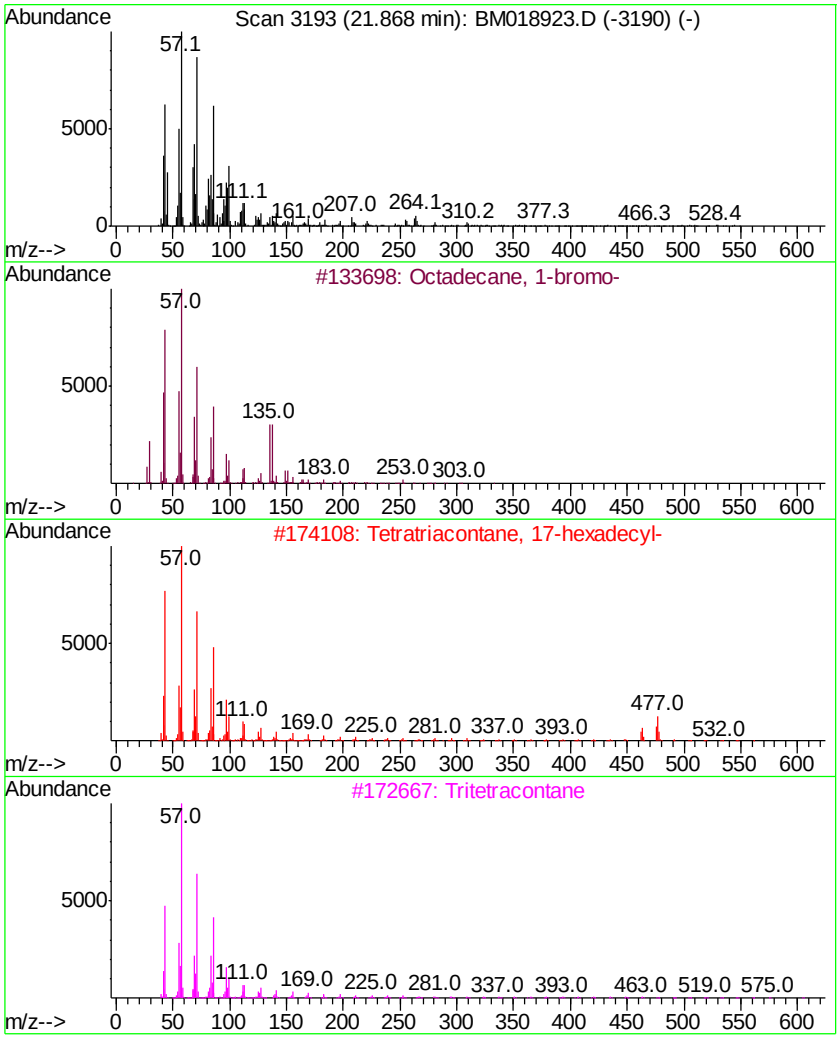
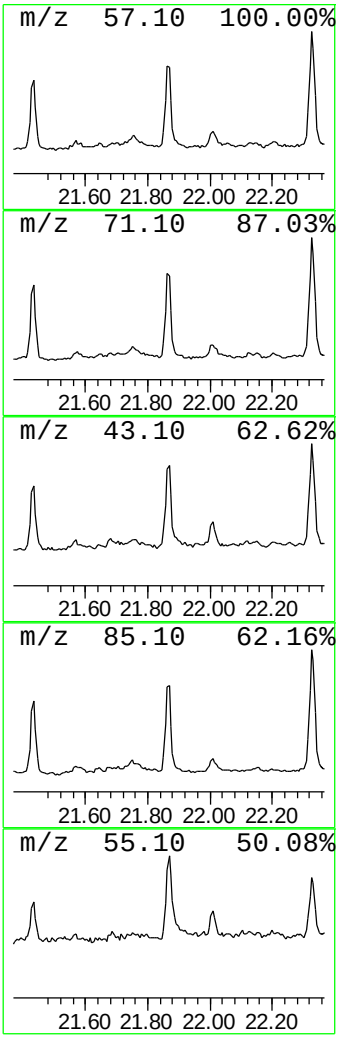
Peak Number 17 Octadecane, 1-bromo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	7.45 ng	1640030	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	90
2	Tetratriacontane, 17-hexadecyl-	703	C50H102	055256-07-0	74
3	Tritetracontane	605	C43H88	007098-21-7	74
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
5	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	64





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TIC Integration Parameters: LSCINT.P

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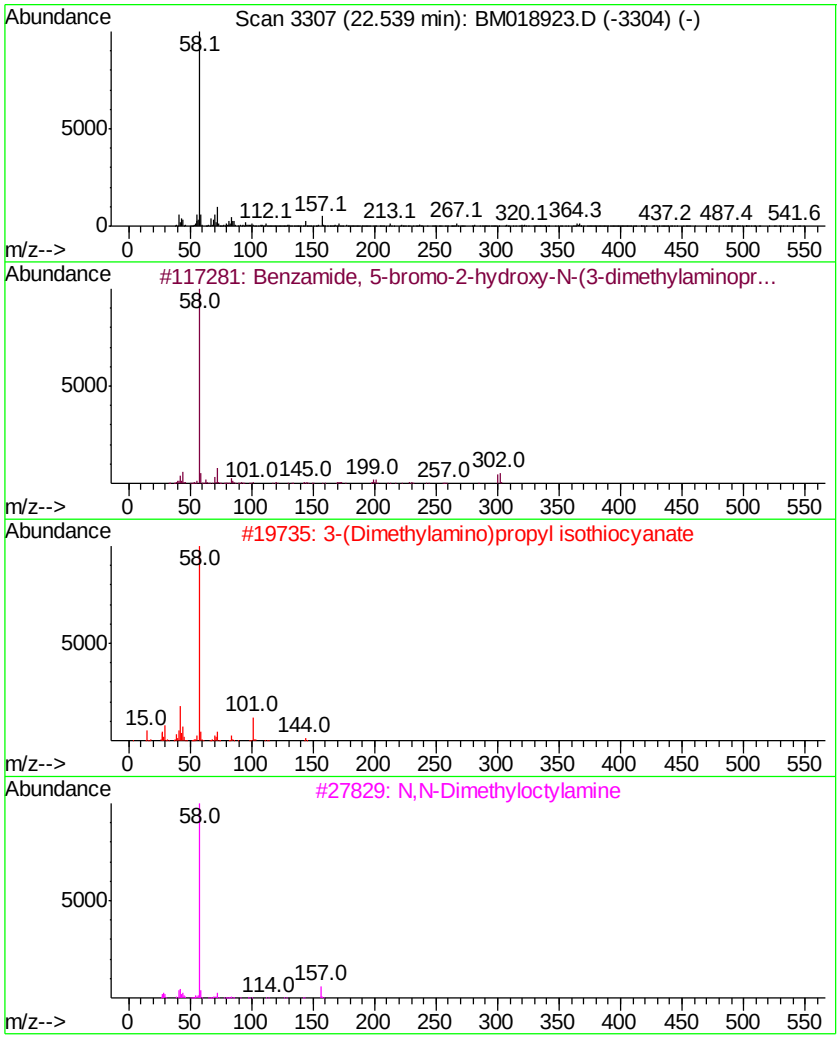
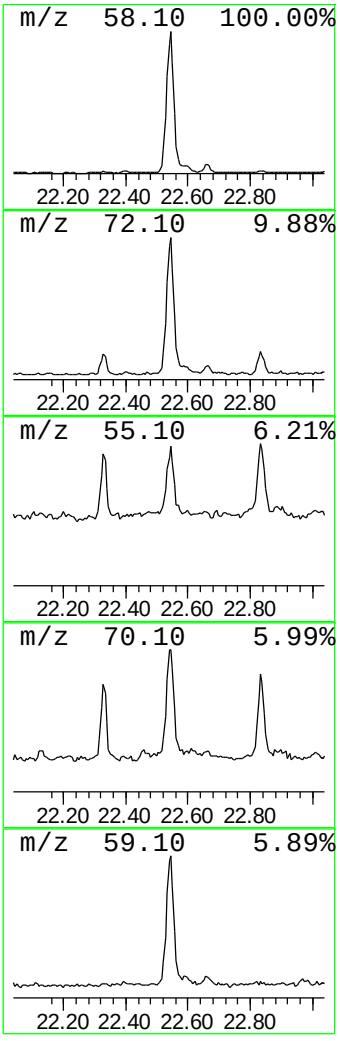
Peak Number 19 Benzamide, 5-bromo-2-hydrox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	16.42 ng	2046310	Perylene-d12	23.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
4	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	64
5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	59





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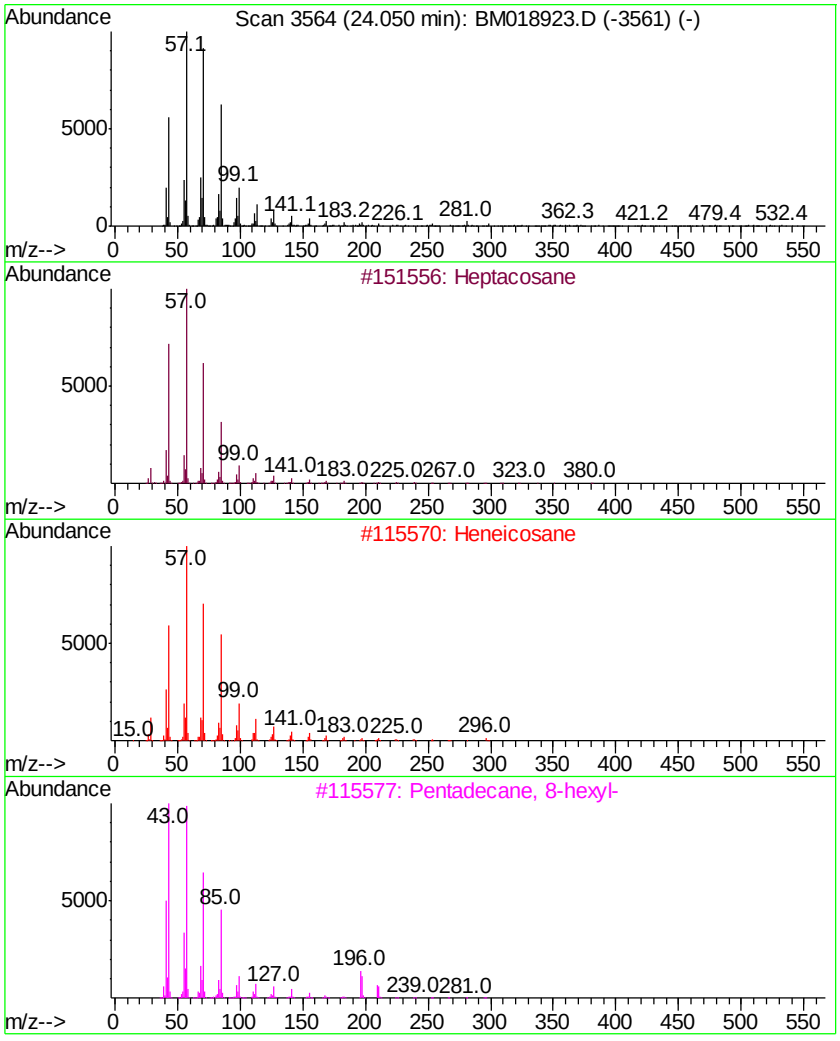
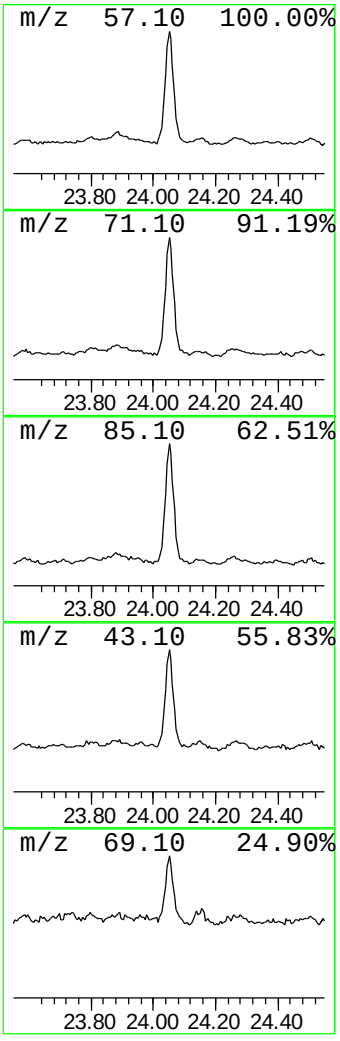
Peak Number 20 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	11.09 ng	1381740	Perylene-d12	23.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022519\
Data File : BM018923.D
Acq On : 25 Feb 2019 20:59
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.23	7.23	41.7	ng	1407230	1	7.69	674549	20.0
Octadecane, 1-chl...	13.15	7.8	ng	548206	3	14.35	1407350	20.0
Eicosane	14.23	11.5	ng	806142	3	14.35	1407350	20.0
Decane, 2,3,5-tri...	15.18	11.0	ng	776770	3	14.35	1407350	20.0
Dodecane, 4-methyl-	16.04	12.9	ng	1213400	4	17.10	1884440	20.0
Pentadecane	16.84	8.4	ng	792487	4	17.10	1884440	20.0
Nonadecane	17.58	7.7	ng	721019	4	17.10	1884440	20.0
Pentadecanoic aci...	17.76	91.7	ng	8637220	4	17.10	1884440	20.0
n-Hexadecanoic acid	17.99	41.8	ng	3934760	4	17.10	1884440	20.0
Hexadecane	18.27	8.4	ng	789080	4	17.10	1884440	20.0
9,12-Octadecadien...	18.92	334.9	ng	31550600	4	17.10	1884440	20.0
9-Octadecenoic ac...	18.95	461.8	ng	43511800	4	17.10	1884440	20.0
Octadecanoic acid...	19.07	46.1	ng	4344940	4	17.10	1884440	20.0
Octadecanoic acid	19.28	25.4	ng	5604890	5	21.30	4403870	20.0
Hexadecanoic acid...	20.18	5.4	ng	1180620	5	21.30	4403870	20.0
Octadecane, 1-bromo-	21.87	7.5	ng	1640030	5	21.30	4403870	20.0
Benzamide, 5-brom...	22.54	16.4	ng	2046310	6	23.55	2492600	20.0
Heptacosane	24.05	11.1	ng	1381740	6	23.55	2492600	20.0