LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

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-BM010919.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	5.351	378	385	402	rBV	5039923	7585783	5.43%	1.408%
2	6.934	647	654	672	rBV	5346592	8813916	6.30%	1.637%
3	7.293	708	715	724	rBV	5470998	8937933	6.39%	1.660%
4	7.757	788	794	802	rBV	1525038	2447651	1.75%	0.454%
5	8.081	842	849	856	rBV	3977434	6517246	4.66%	1.210%
6	8.928	985	993	1005	rBV	3150888	5506273	3.94%	1.022%
7	10.551	1264	1269	1275	rVB	2115015	3365202	2.41%	0.625%
8	13.022	1683	1689	1697	rBV	8035922	11939391	8.54%	2.217%
9	13.210	1716	1721	1730	rVB	924191	1431806	1.02%	0.266%
10	13.869	1827	1833	1837	rVB2	977470	1495182	1.07%	0.278%
11	14.292	1900	1905	1912	rBV	1306329	1753660	1.25%	0.326%
12	14.410	1919	1925	1931	rVB2	3376481	5058925	3.62%	0.939%
13	15.245	2063	2067	2072	rVB	1513595	1830629	1.31%	0.340%
14	15.904	2169	2179	2185	rBV	8154241	12135481	8.68%	2.253%
15	16.110	2209	2214	2222	rBV	1589728	2617492	1.87%	0.486%
16	16.904	2345	2349	2353	rBV	1446011	1739730	1.24%	0.323%
17	17.157	2386	2392	2396	rBV	4650615	6617726	4.73%	1.229%
18	17.198	2396	2399	2405	rVB	1489038	2113021	1.51%	0.392%
19	17.645	2470	2475	2480	rBV	1322159	1770143	1.27%	0.329%
20	17.827	2500	2506	2511	rVB	32311409	39427093	28.20%	7.321%
21	18.062	2538	2546	2558	rBV	7024517	11539128	8.25%	2.143%
22	18.339	2588	2593	2596	rBV	1323498	1758820	1.26%	0.327%
23	18.986	2695	2703	2705	rBV	87808774	127243798	91.00%	23.626%
24	19.021	2705	2709	2718	rVB2	93297719	139822738	100.00%	25.962%
25	19.092	2718	2721	2724	rVB2	1301256	1425800	1.02%	0.265%
26	19.139	2724	2729	2734	rVB	16616472	18150845	12.98%	3.370%
27	19.192	2734	2738	2740	rBV	2433023	3104159	2.22%	0.576%
28	19.221	2740	2743	2749	rVB	6047630	7761565	5.55%	1.441%
29	19.345	2756	2764	2775	rBV	10344611	14270749	10.21%	2.650%
30	19.509	2788	2792	2797	rBV	3317517	3958168	2.83%	0.735%
31	19.556	2797	2800	2802	rVV3	1336603	1493123	1.07%	0.277%
32	19.586	2802	2805	2814	rVB	1525145	2572352	1.84%	0.478%
33	19.798	2835	2841	2845	rBV	17010899	20901562	14.95%	3.881%
34	20.003	2873	2876	2879	rBV	2400302	2582706	1.85%	0.480%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

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-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.098	2888	2892	2895	rBV3	1050171	1829990	1.31%	0.340%
36	20.127	2895	2897	2904	rVB	2690236	2980556	2.13%	0.553%
37	20.239	2912	2916	2920	rBV	3047870	3470783	2.48%	0.644%
38	20.280	2920	2923	2930	rVV4	1979396	3358370	2.40%	0.624%
39	20.345	2930	2934	2938	rVB	1972996	2613419	1.87%	0.485%
40	20.551	2962	2969	2973	rVV5	1099645	2065845	1.48%	0.384%
41	20.592	2973	2976	2984	rVB	1295329	1440758	1.03%	0.268%
42	21.056	3052	3055	3060	rVB	1721918	1821045	1.30%	0.338%
43	21.192	3075	3078	3084	rVB	2445255	2705509	1.93%	0.502%
44	21.356	3100	3106	3110	rBV	6467257	9032917	6.46%	1.677%
45	21.939	3201	3205	3218	rVB2	2908389	4460170	3.19%	0.828%
46	22.633	3317	3323	3330	rBV	2841556	5363773	3.84%	0.996%
47	22.927	3370	3373	3381	rBV2	916796	1730886	1.24%	0.321%
48	23.644	3490	3495	3501	rVB2	3199375	6008879	4.30%	1.116%

Sum of corrected areas: 538572696

LSC Report - Integrated Chromatogram

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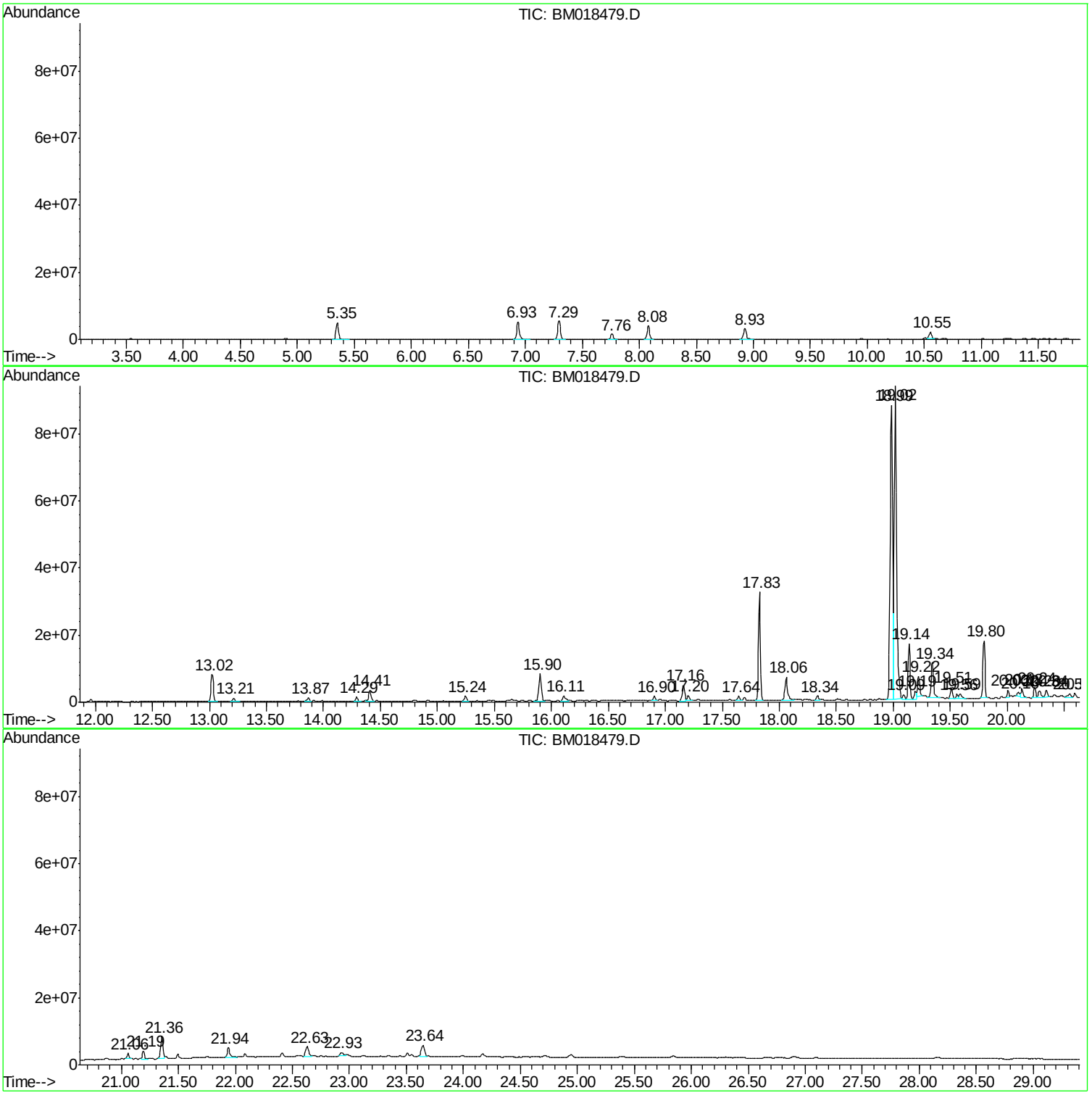
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

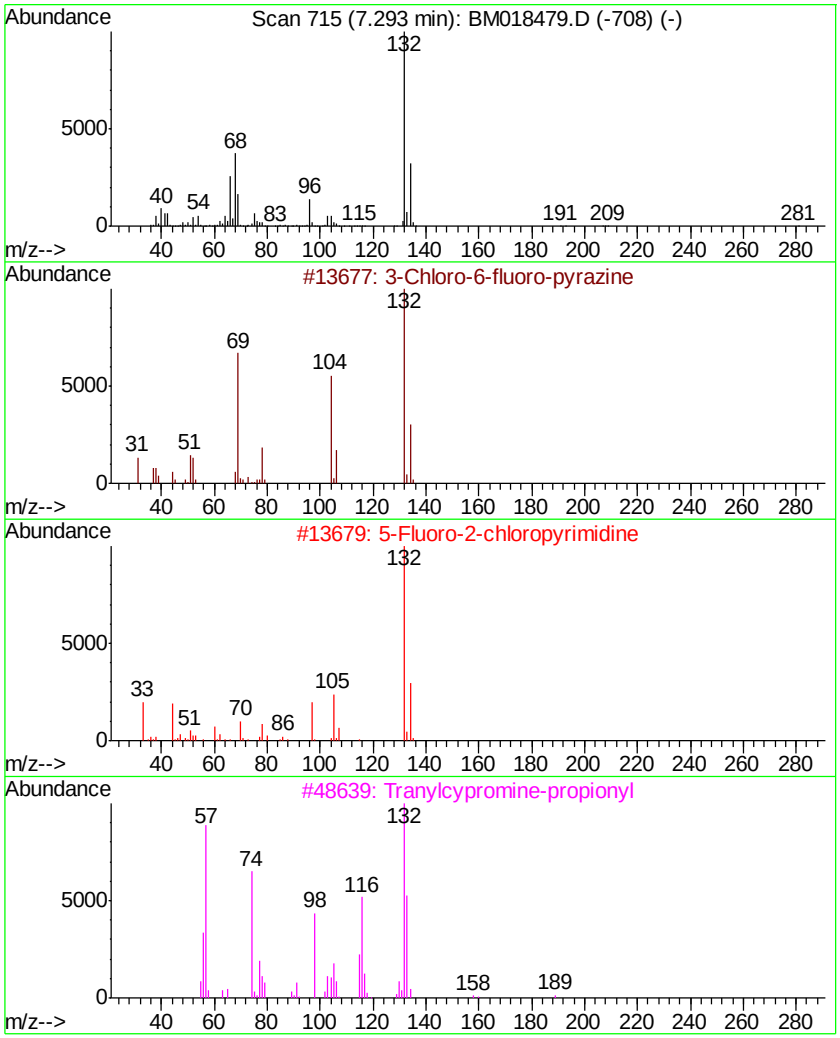
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

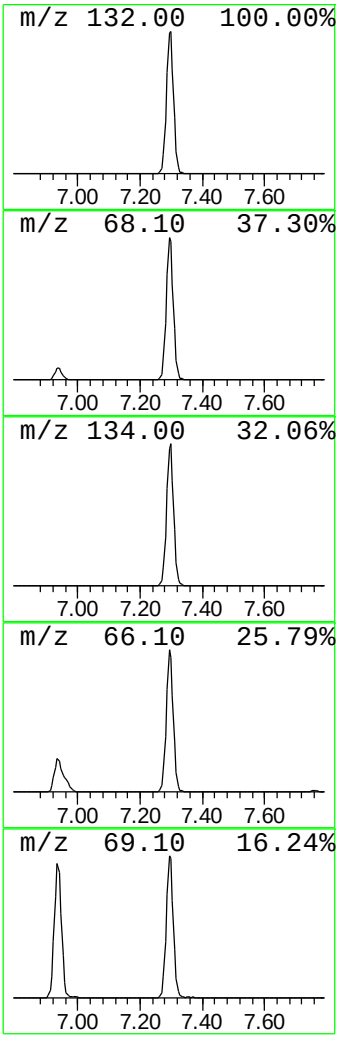
****

Peak Number 1 unknown7.29 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	73.03 ng	8937930	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
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\BM010919\
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Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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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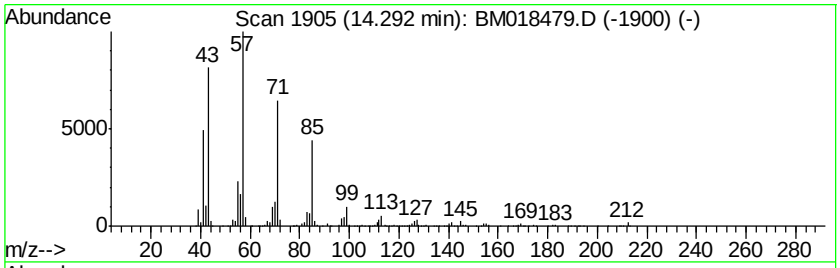
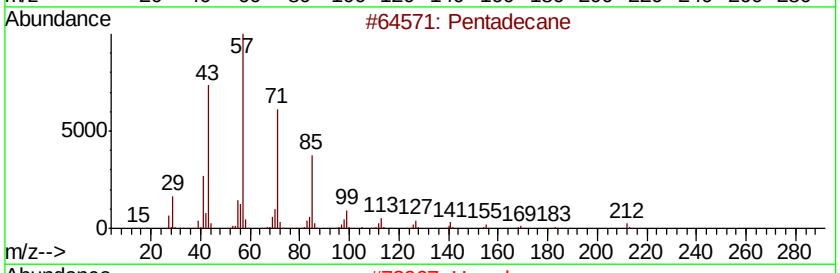
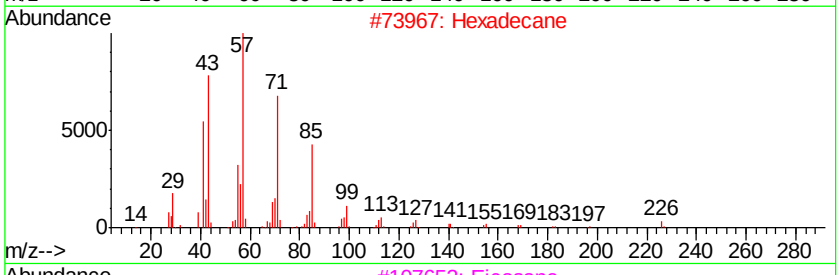
Peak Number 3 Pentadecane Concentration Rank 16

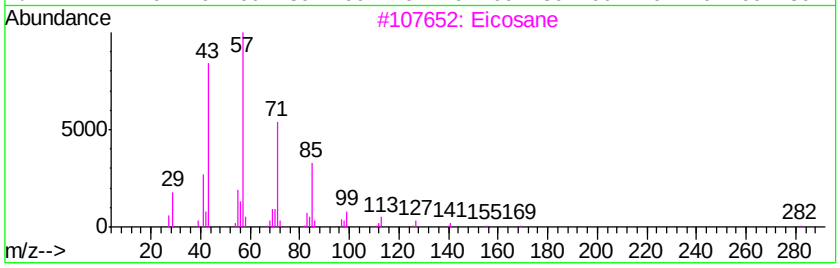
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	6.93 ng	1753660	Acenaphthene-d10	14.41

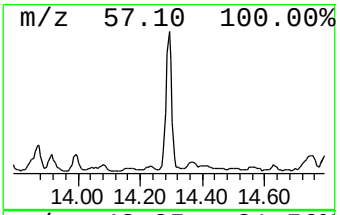
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Nonadecane	268	C19H40	000629-92-5	90

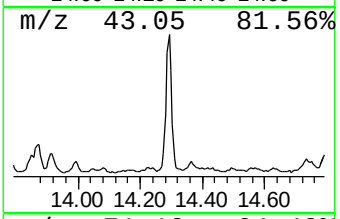


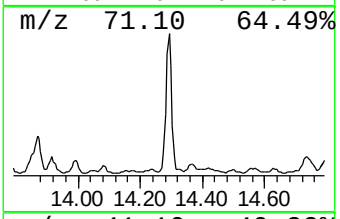


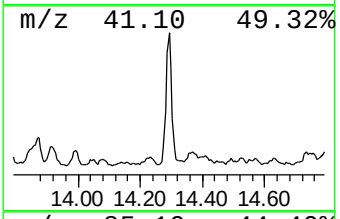


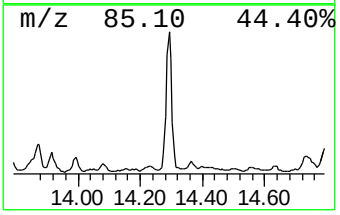












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

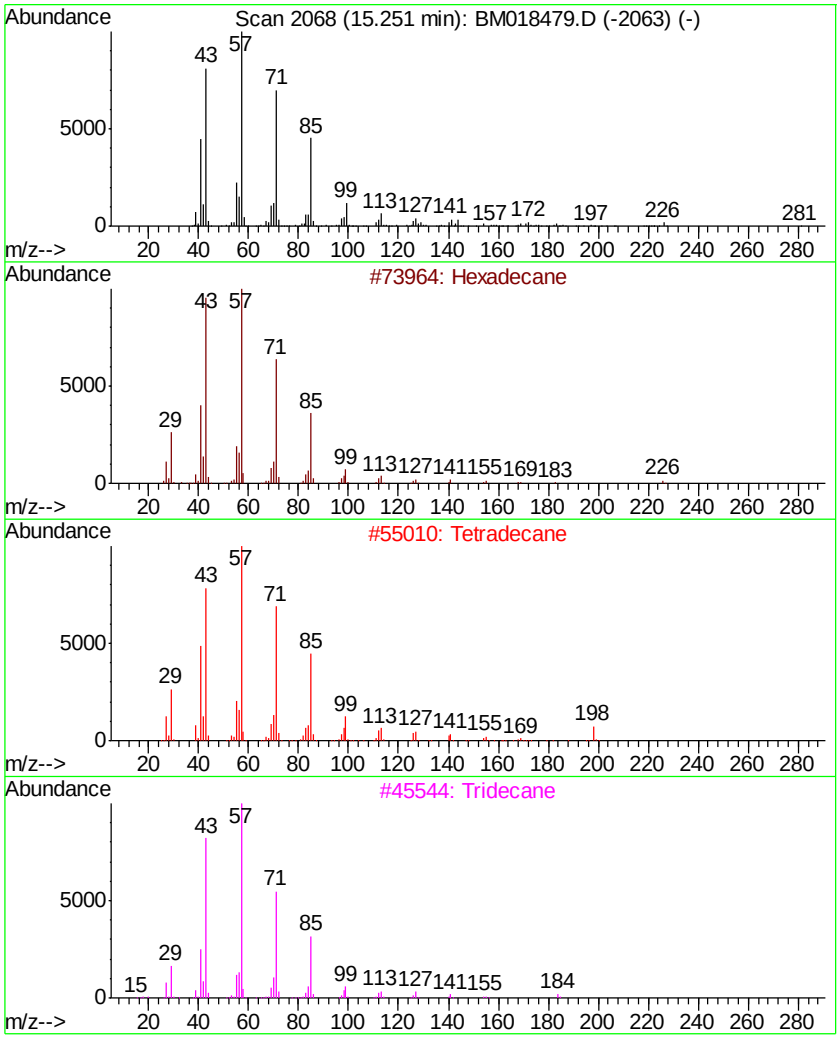
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

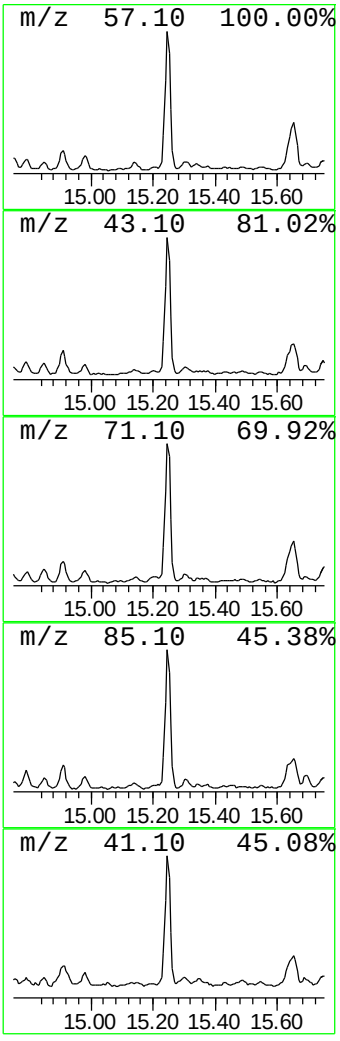
****

Peak Number 4 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	7.24 ng	1830630	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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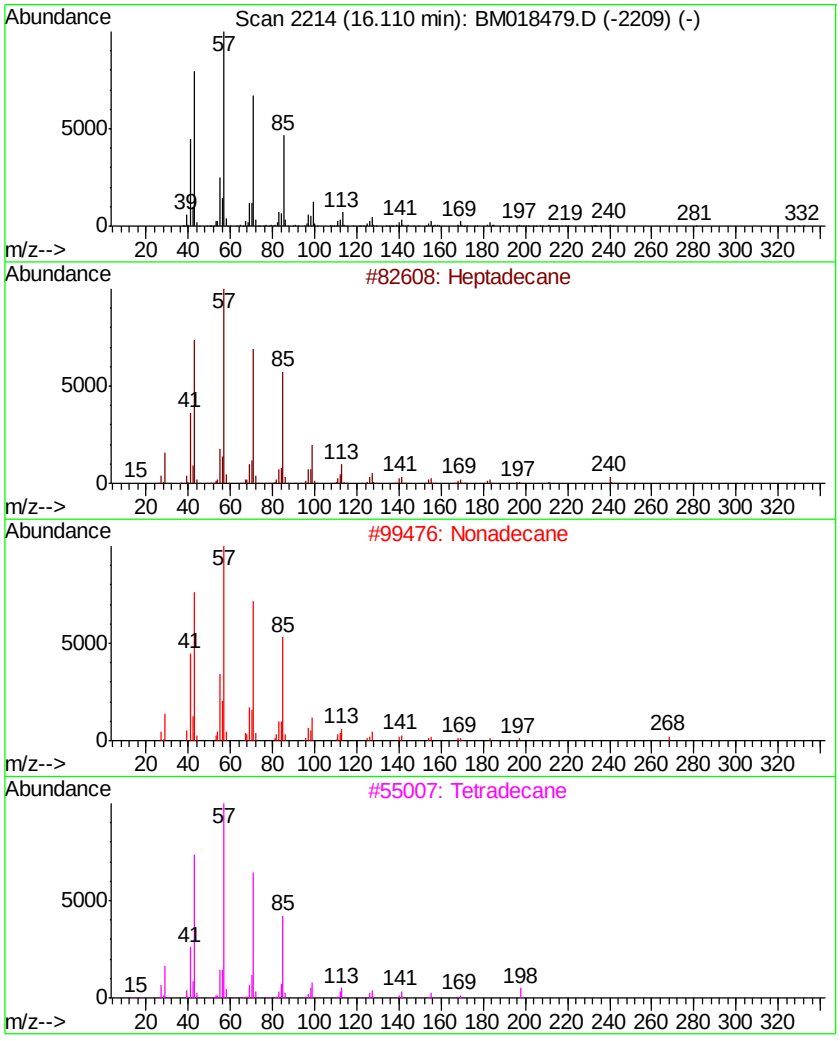
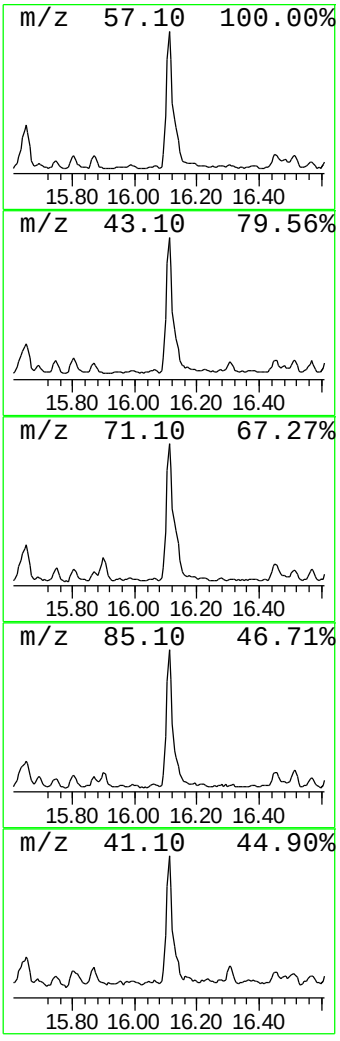
****

Peak Number 5 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	7.91 ng	2617490	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

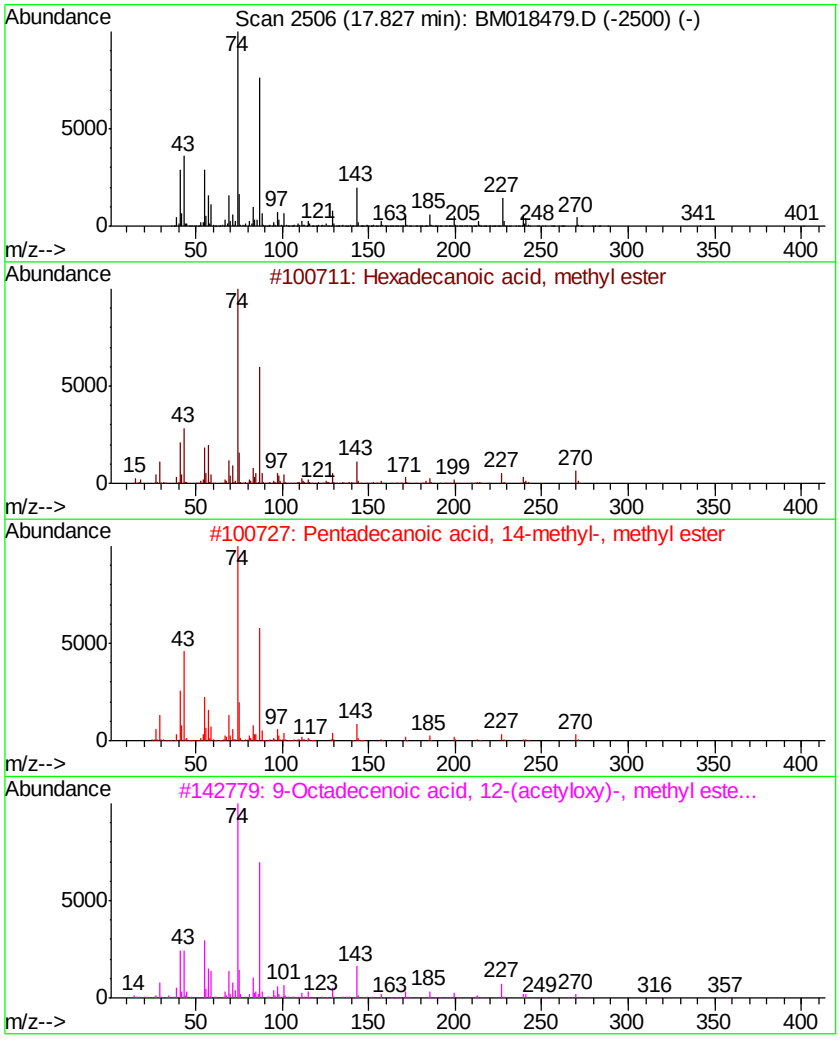
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

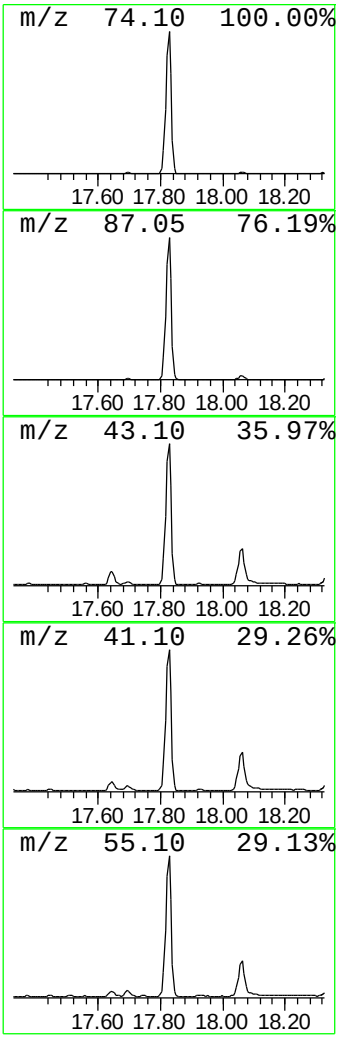
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	119.16 ng	39427100	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

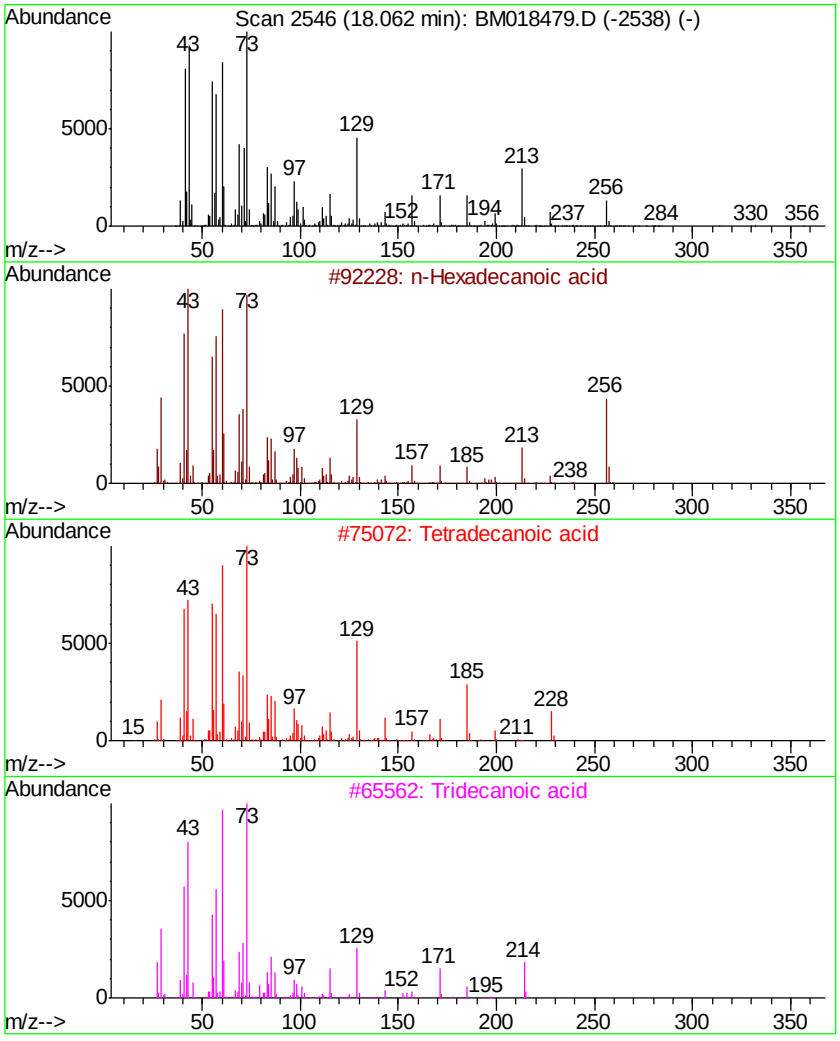
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

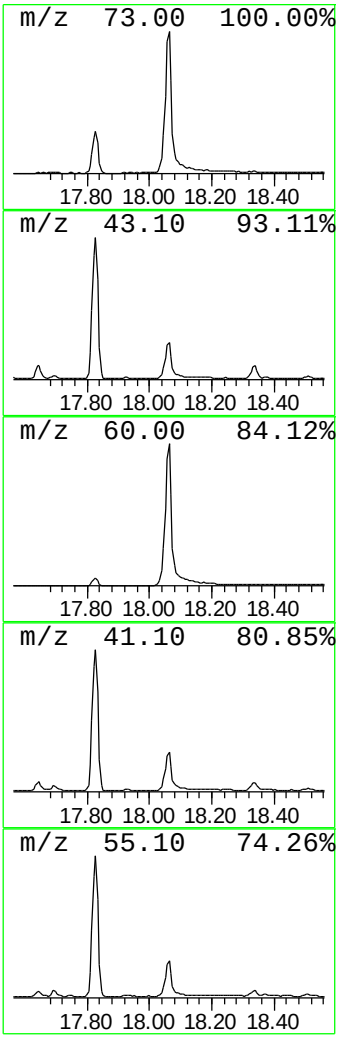
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	34.87 ng	11539100	Phenanthrene-d10	17.16

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018479.D
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Sample : K1008-01
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Instrument : BNA_M
ClientSampleId : HD-02-010819

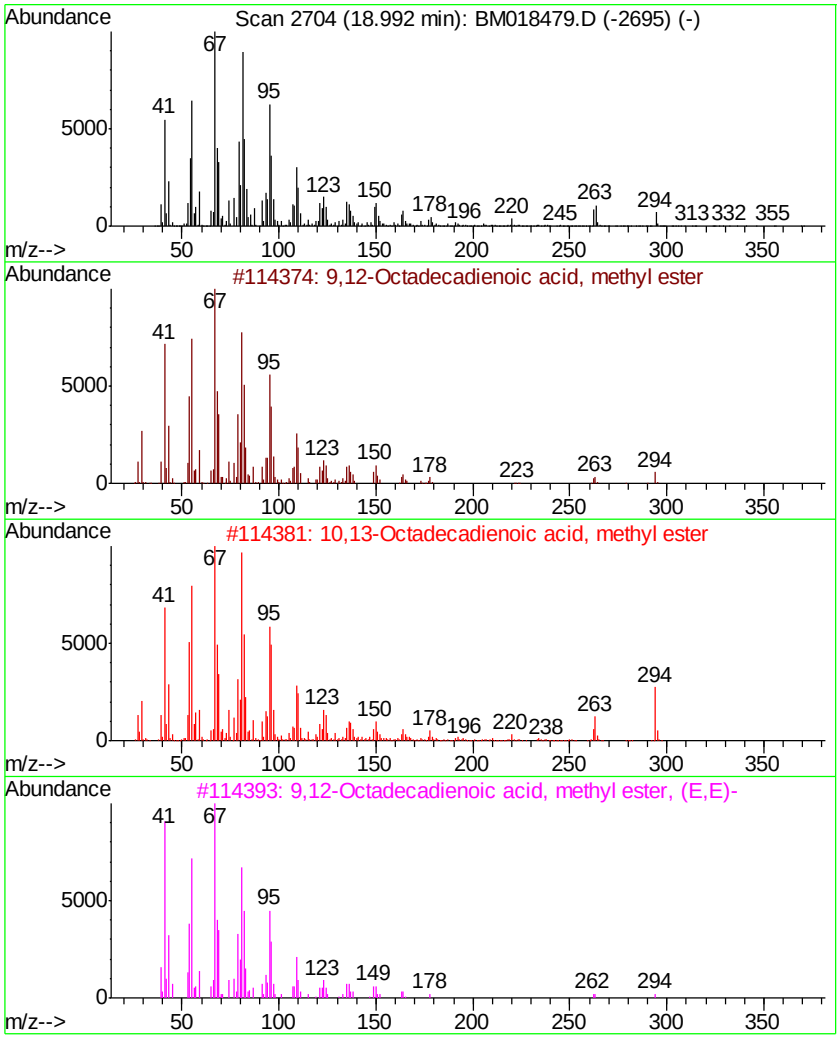
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

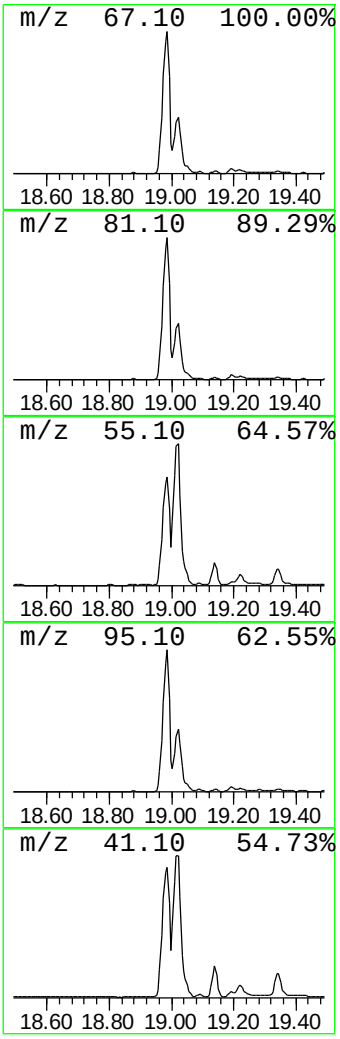
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	384.55 ng	127244000	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98





Library Search Compound Report

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Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

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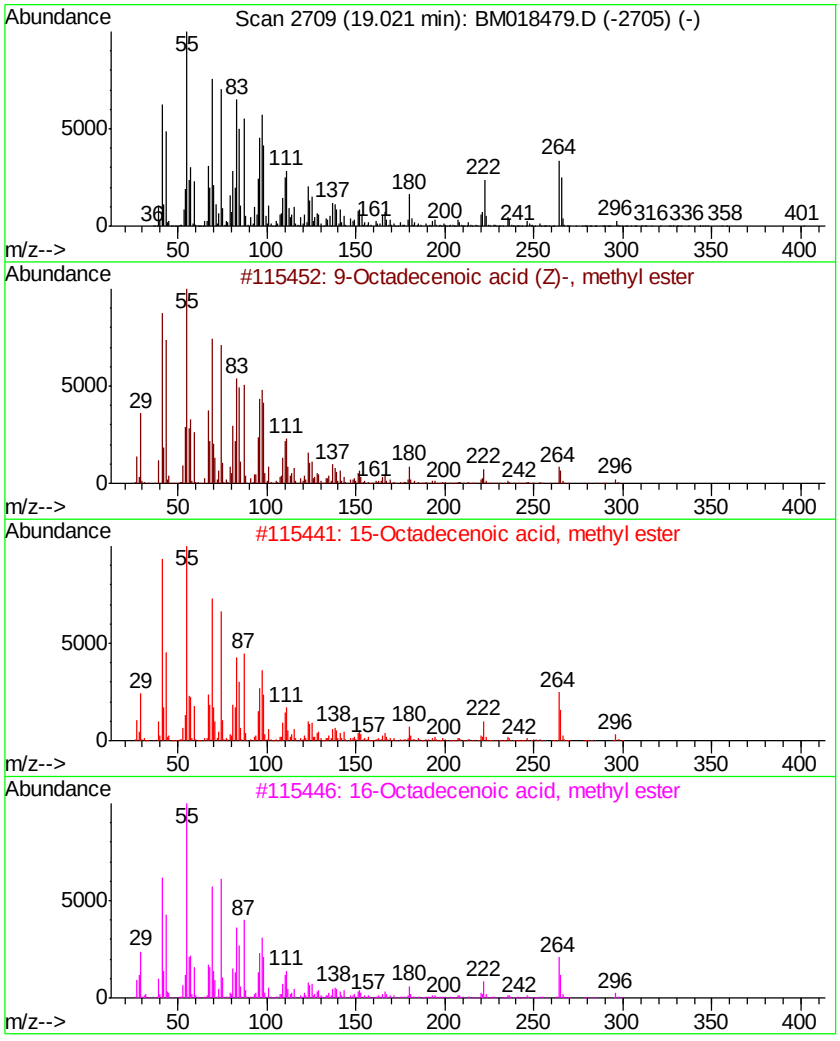
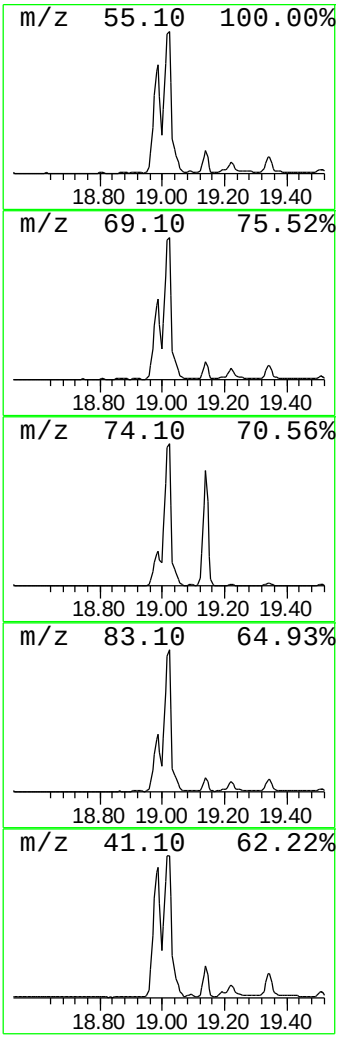
Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	422.57 ng	139823000	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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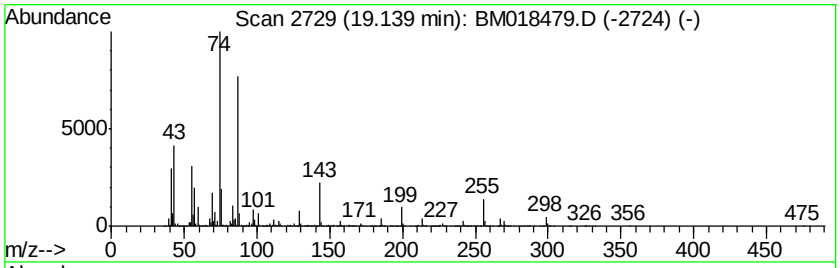
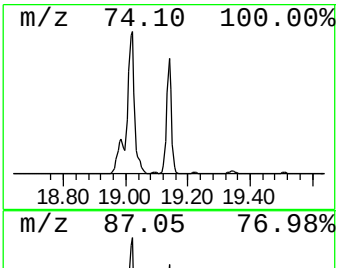
Peak Number 10 Octadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	54.86 ng	18150800	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Library Search Compound Report

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Data File : BM018479.D
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Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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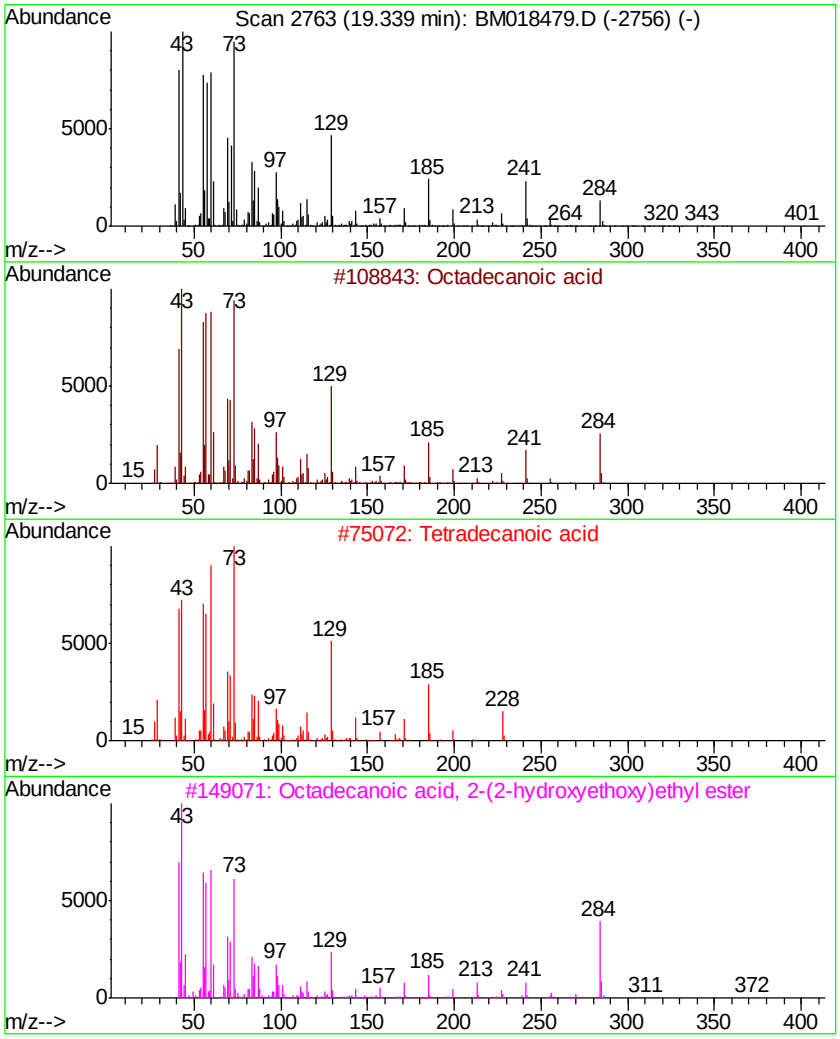
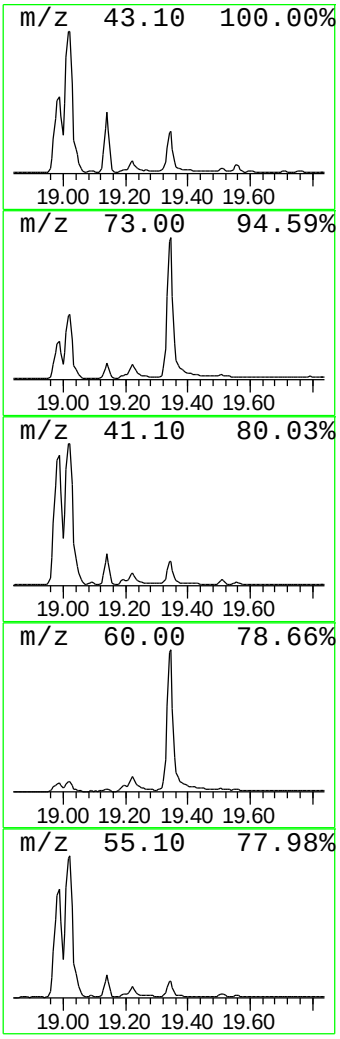
Peak Number 11 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	31.60 ng	14270700	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Library Search Compound Report

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Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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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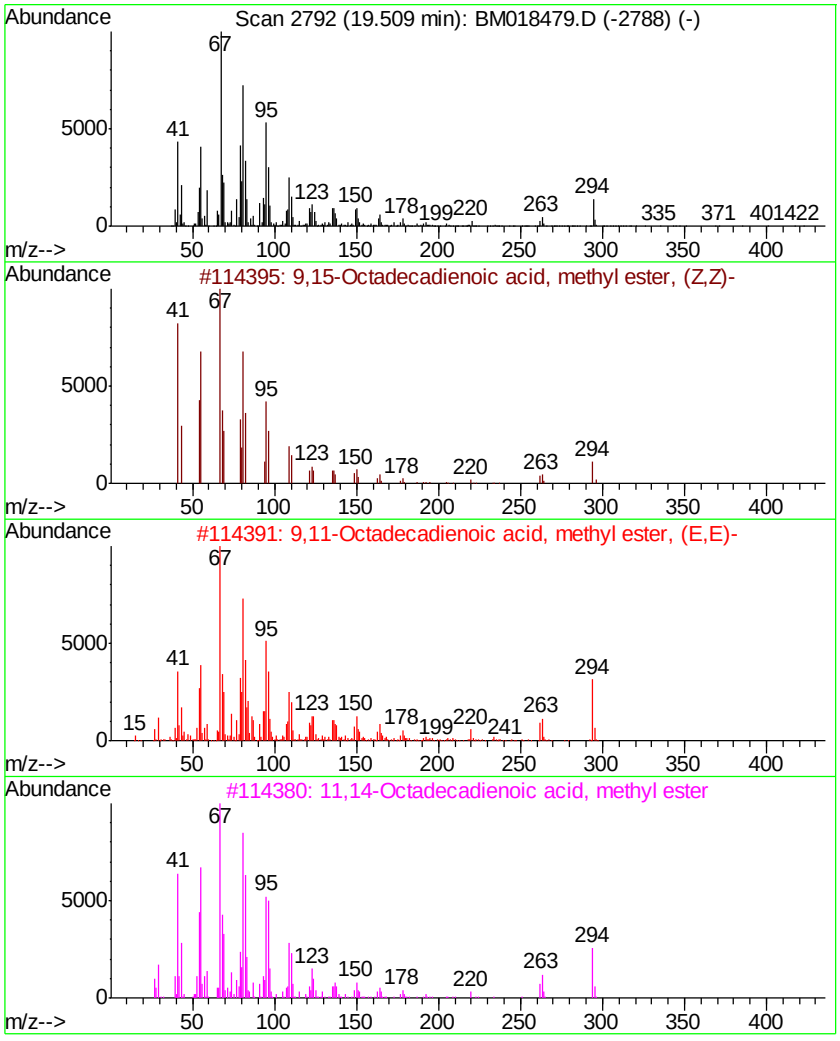
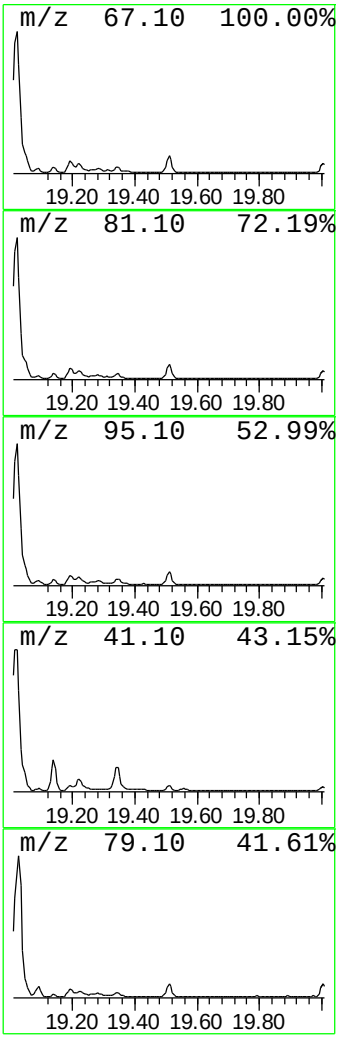
Peak Number 12 9,15-Octadecadienoic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	8.76 ng	3958170	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
2	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	94
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	86
4	7-Hexadecyne	222	C16H30	074685-28-2	86
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	81





Library Search Compound Report

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Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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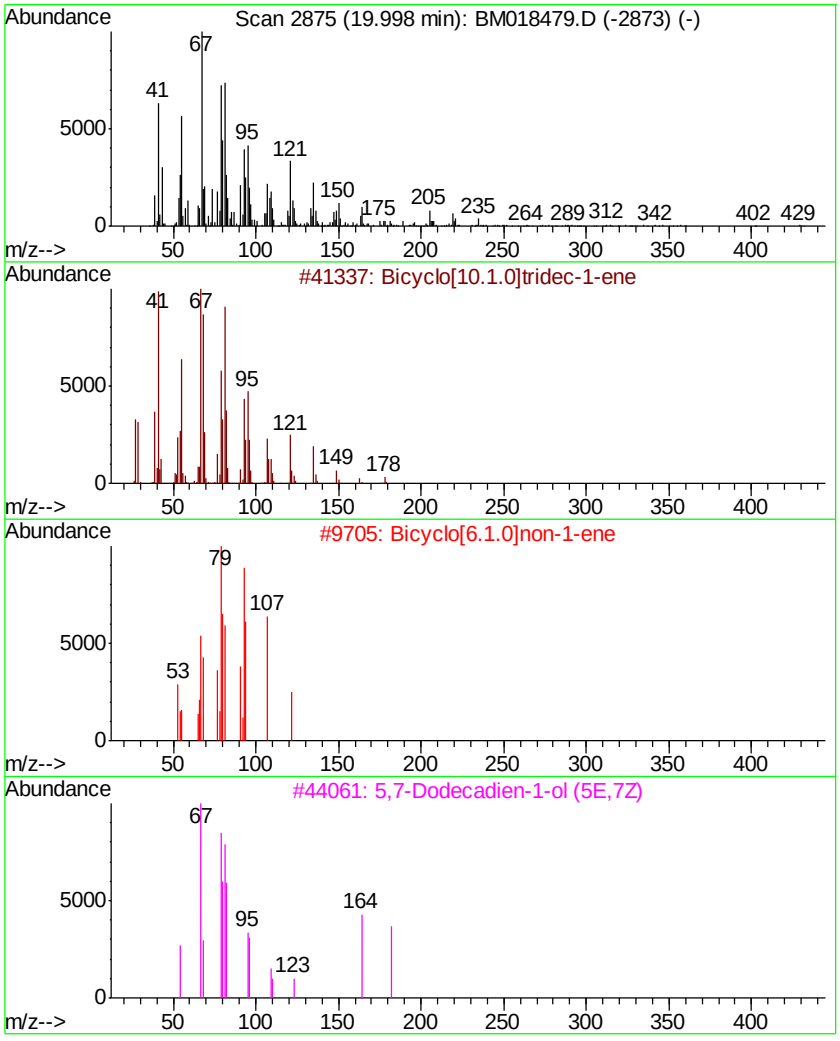
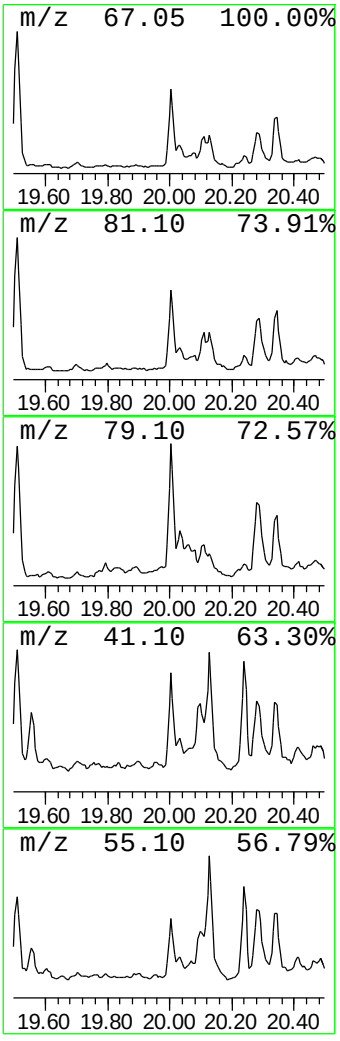
Peak Number 13 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	5.72 ng	2582710	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	74
2	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	70
3	5,7-Dodecadien-1-ol (5E,7Z)	182	C12H22O	1000222-02-4	70
4	Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	58
5	1-Propanone, 1-(4-cycloocten-1-yl)-	166	C11H18O	054703-58-1	50





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Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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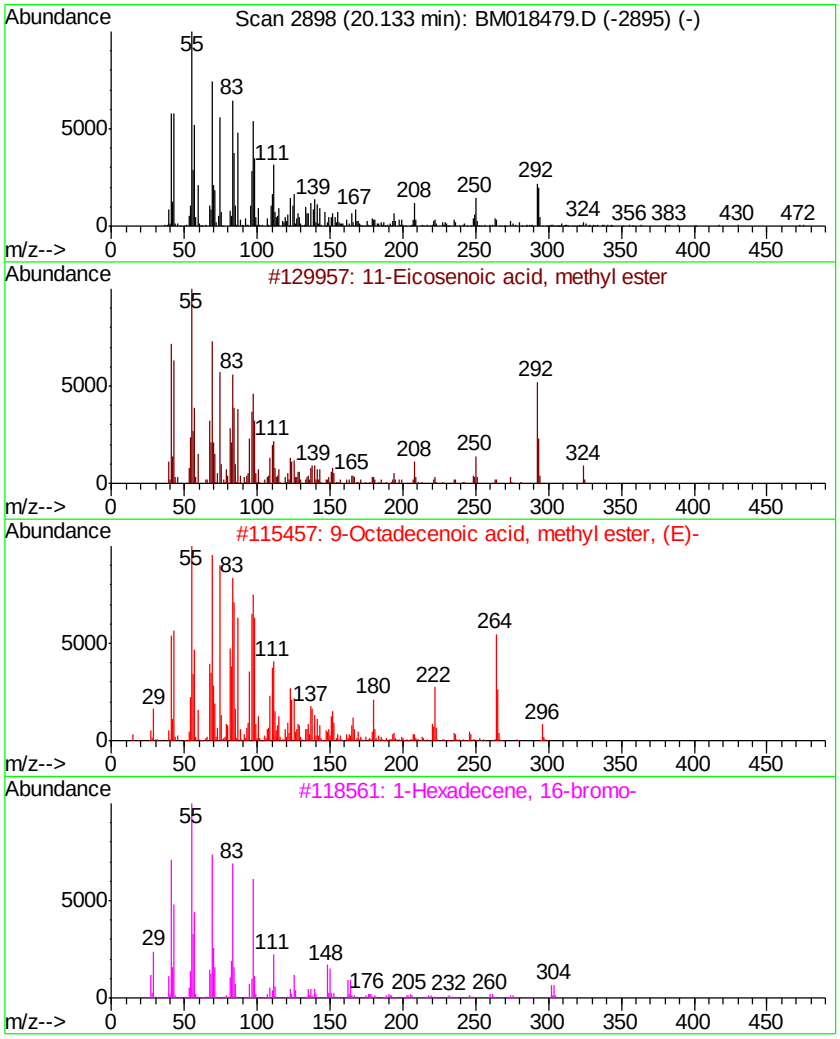
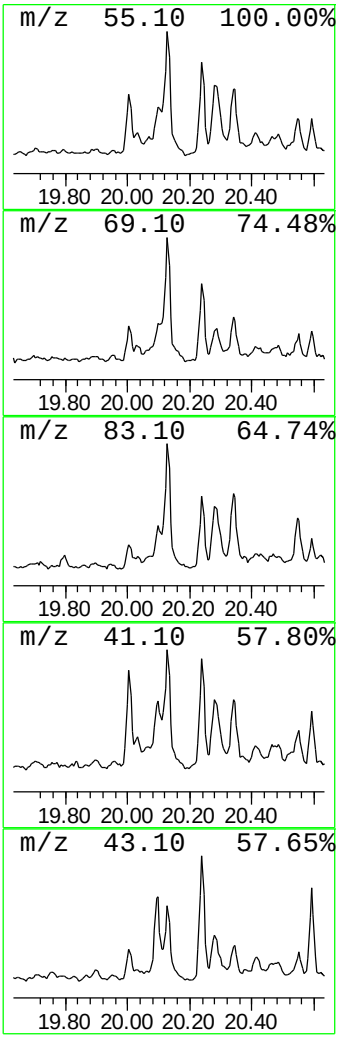
Peak Number 14 11-Eicosenoic acid, methyl ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	6.60 ng	2980560	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	60
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	46
3	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	43
4	Z-10-Tetradecen-1-ol acetate	254	C16H30O2	1000130-99-3	42
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	41





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Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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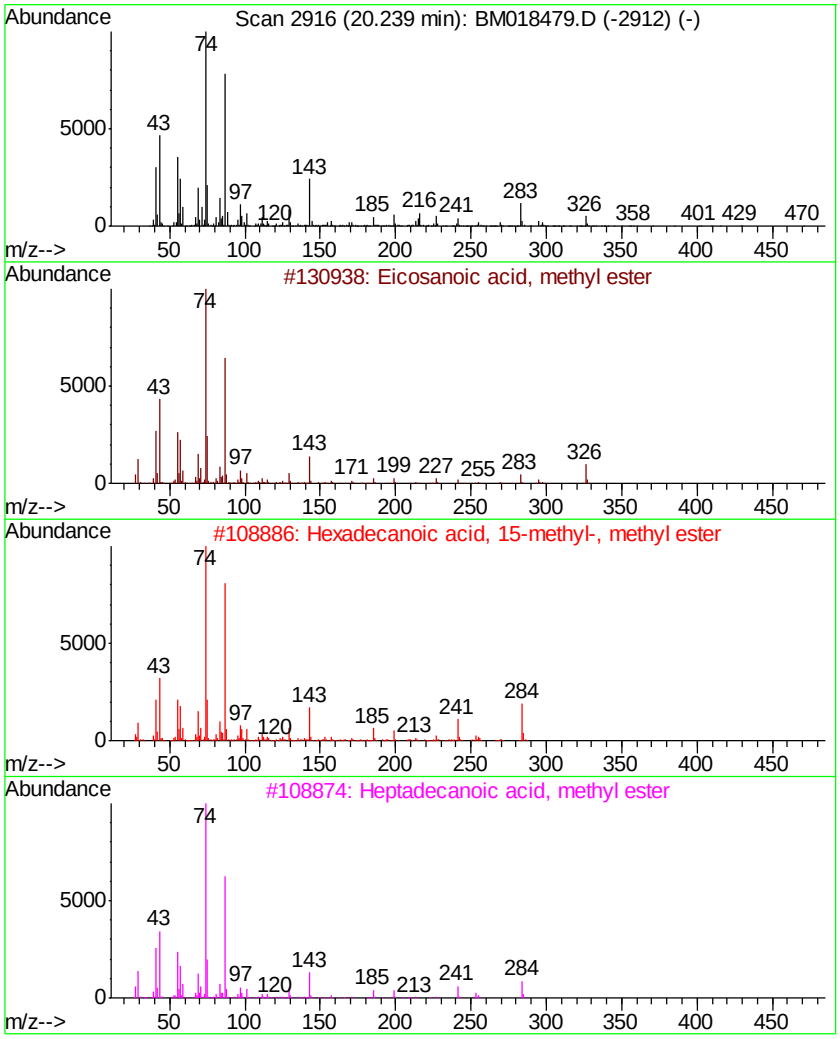
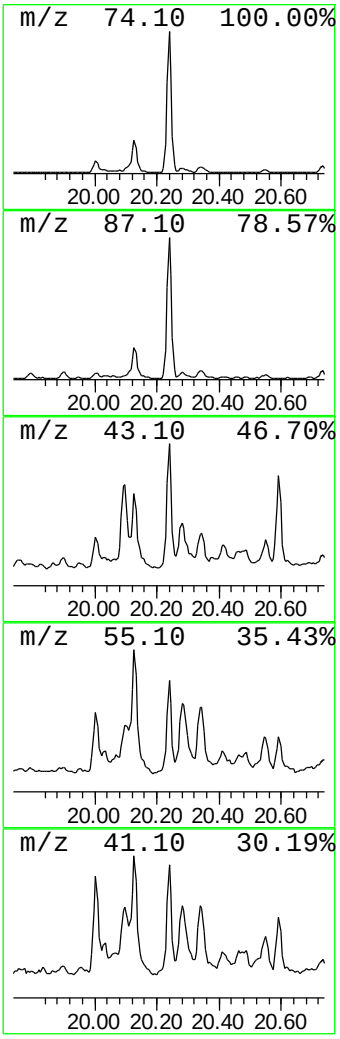
Peak Number 15 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	7.68 ng	3470780	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	87





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Sample : K1008-01
Misc :
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Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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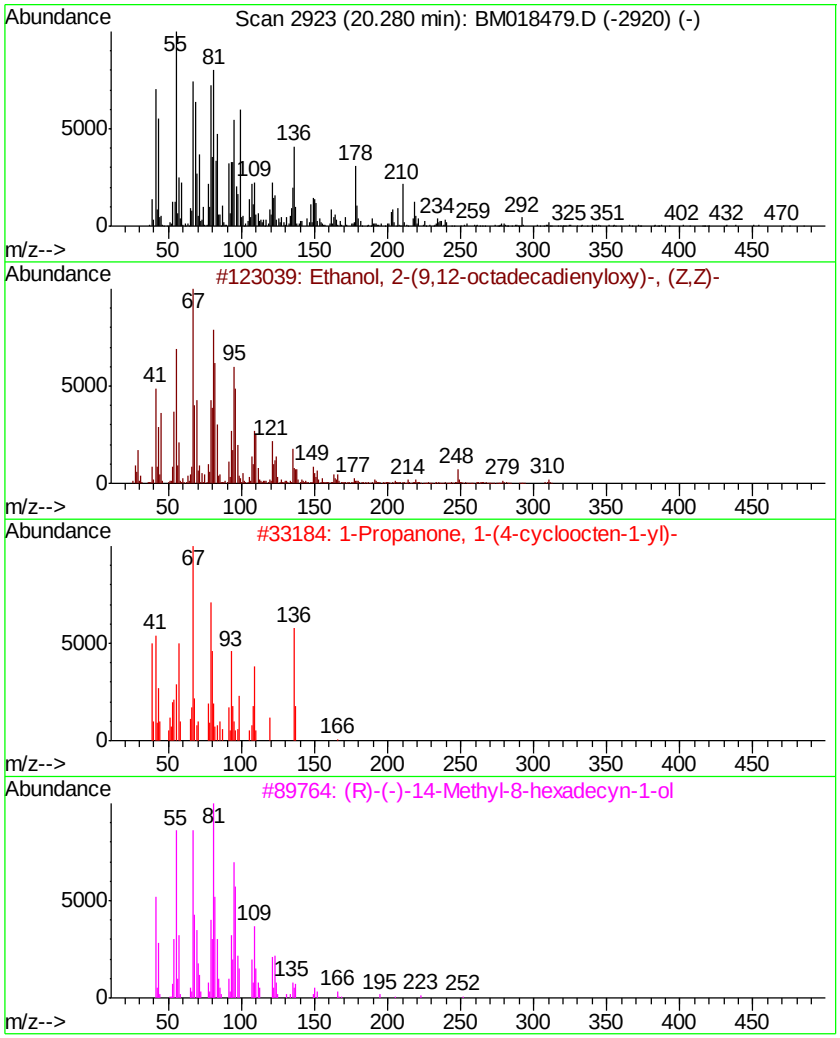
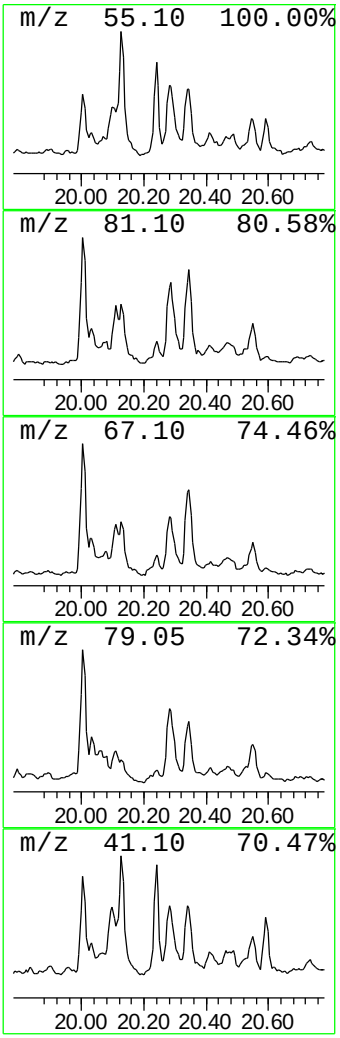
Peak Number 16 Ethanol, 2-(9,12-octadecadi... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	7.44 ng	3358370	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	83
2	1-Propanone, 1-(4-cycloocten-1-yl)-	166	C11H18O	054703-58-1	70
3	(R)-(-)-14-Methyl-8-hexadecyn-1-ol	252	C17H32O	064566-18-3	53
4	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	51
5	9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	51





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Sample : K1008-01
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Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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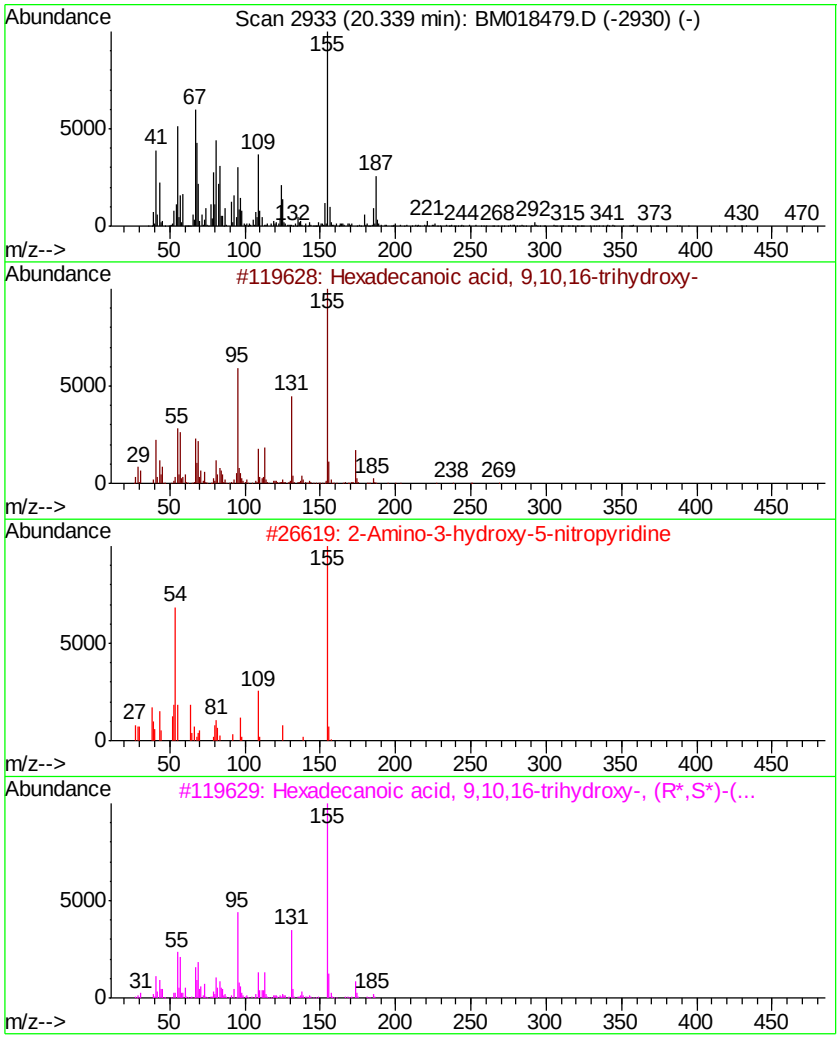
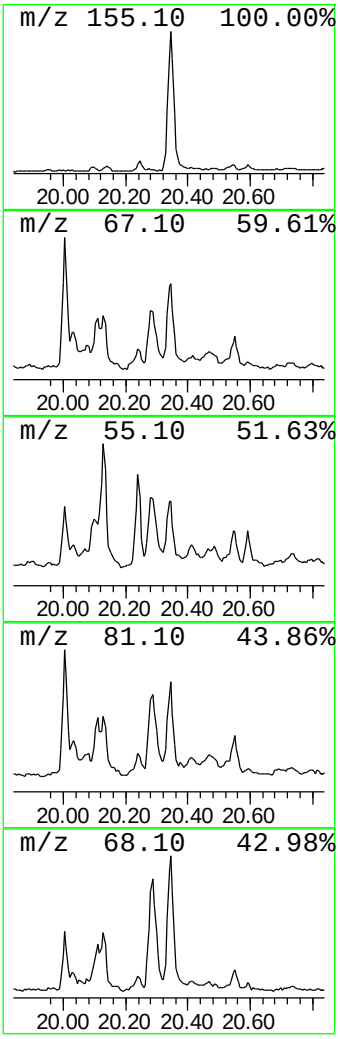
Peak Number 17 unknown20.34 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	5.79 ng	2613420	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	006949-98-0	37
2	2-Amino-3-hydroxy-5-nitropyridine	155	C5H5N3O3	1000289-29-0	35
3	Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	000533-87-9	35
4	Thiazolidine, 2-(2-furyl)-	155	C7H9NOS	051859-60-0	35
5	9-Oxabicyclo[3.3.1]nona-2-ene, 6...	198	C10H14O2S	039869-51-7	32





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Misc :
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TIC Library : C:\DATABASE\NIST02.L
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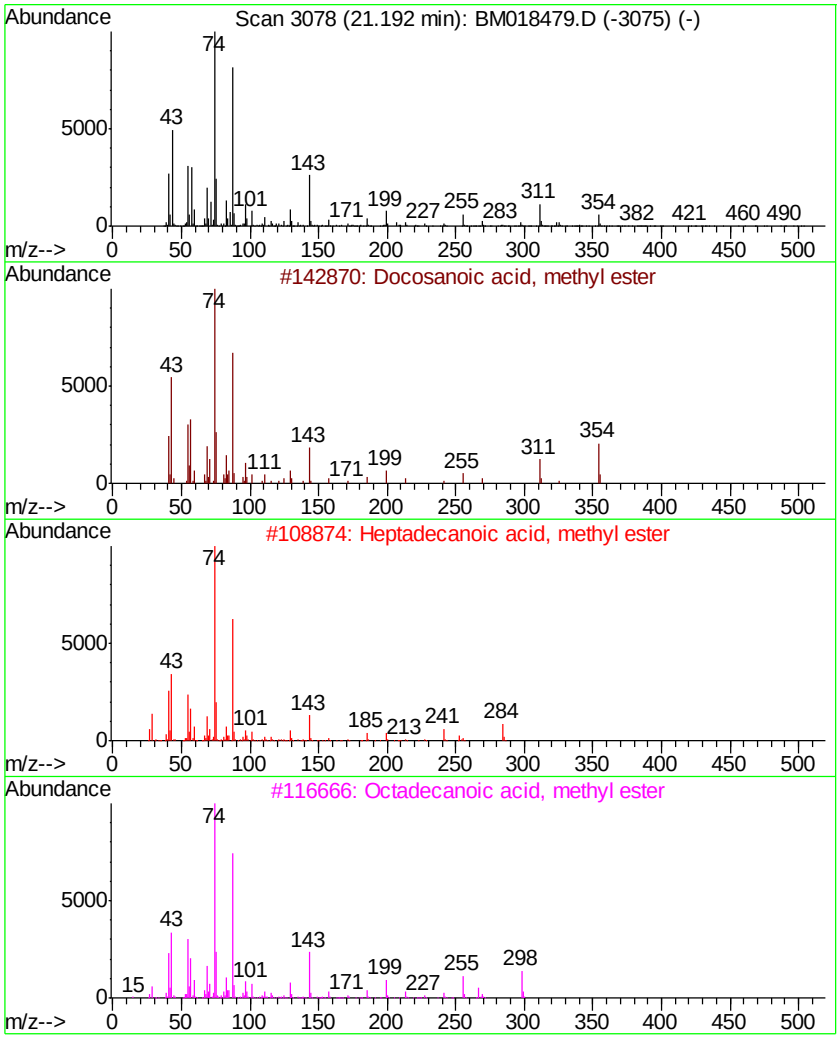
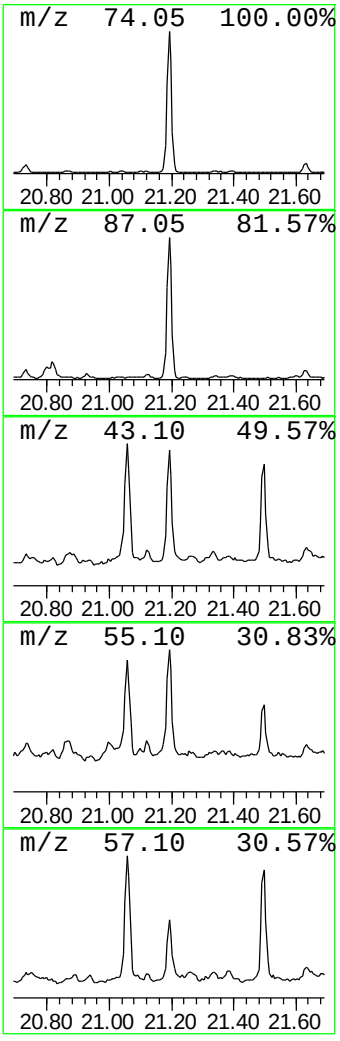
Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	5.99 ng	2705510	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
5	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	81





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Sample : K1008-01
Misc :
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Instrument : BNA_M
ClientSampleId : HD-02-010819

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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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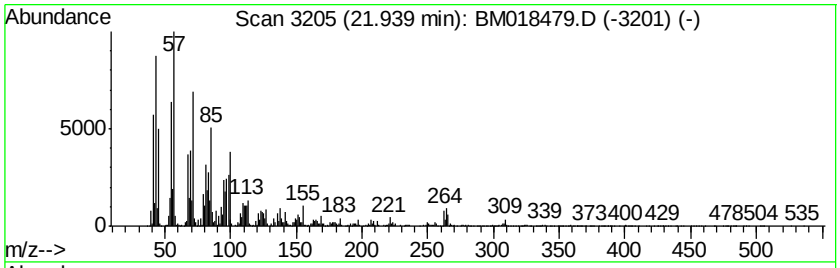
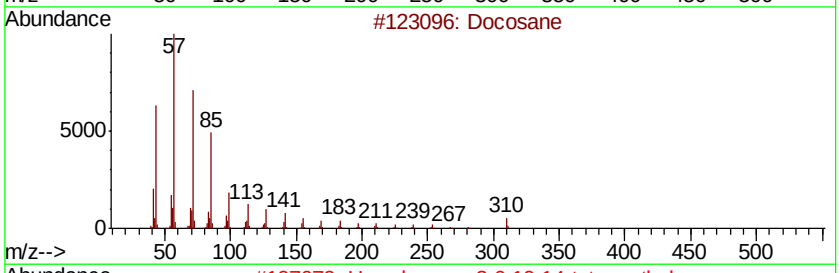
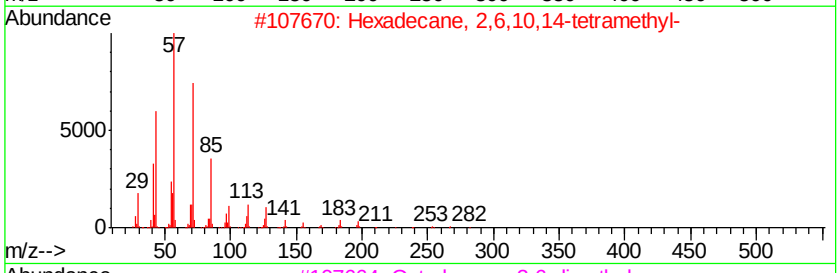
Peak Number 19 Docosane Concentration Rank 10

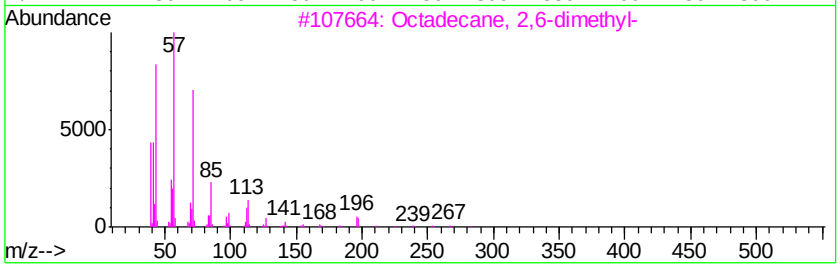
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	9.88 ng	4460170	Chrysene-d12	21.36

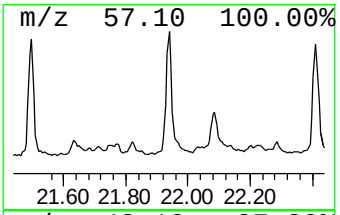
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	81
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	47
4	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	43
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	42

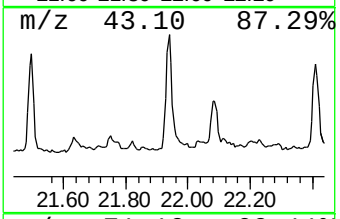


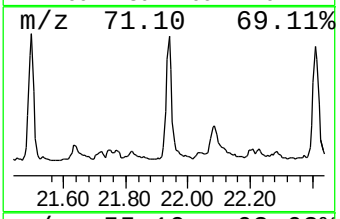


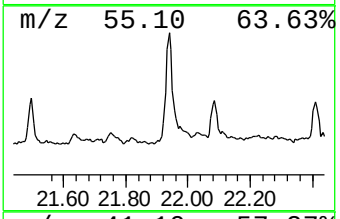


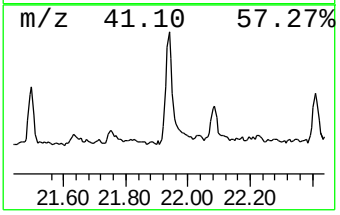












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

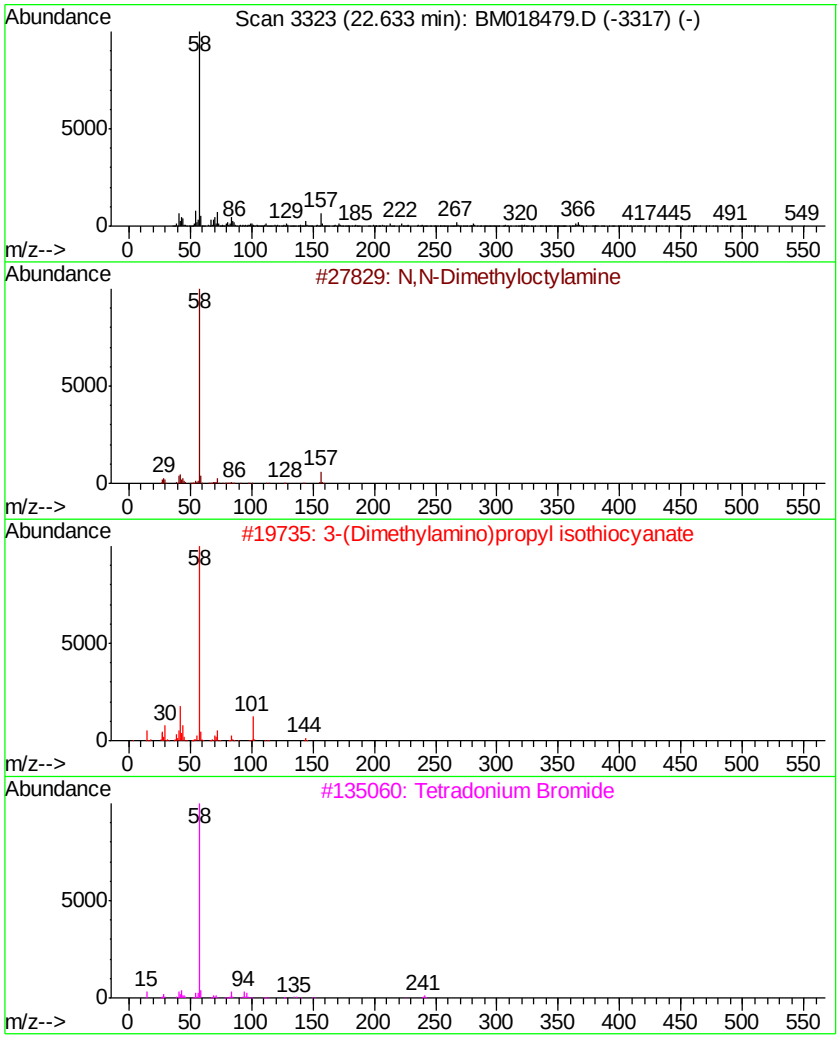
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

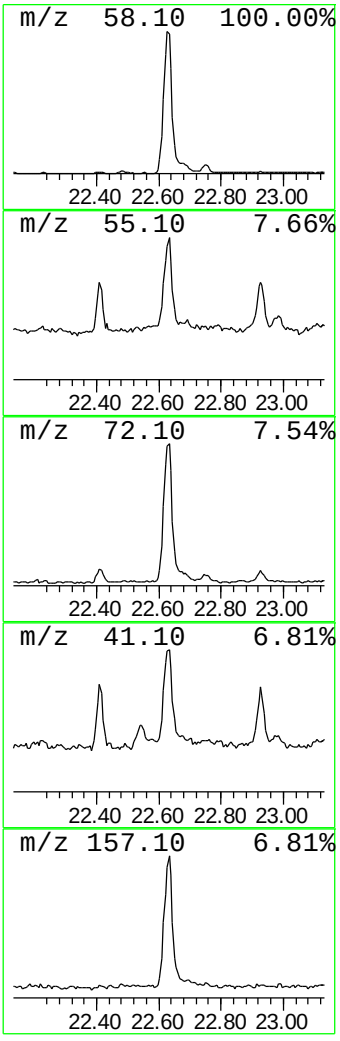
****

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	17.85 ng	5363770	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
4	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64
5	Propylhexedrine, propionyl	211	C13H25NO	1000123-85-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010919\
Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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
unknown7.29	7.29	73.0	ng	8937930	1	7.76	2447650	20.0
Pentadecane	14.29	6.9	ng	1753660	3	14.41	5058930	20.0
Hexadecane	15.25	7.2	ng	1830630	3	14.41	5058930	20.0
Heptadecane	16.11	7.9	ng	2617490	4	17.16	6617730	20.0
Hexadecanoic acid...	17.83	119.2	ng	39427100	4	17.16	6617730	20.0
n-Hexadecanoic acid	18.06	34.9	ng	11539100	4	17.16	6617730	20.0
9,12-Octadecadien...	18.99	384.6	ng	127244000	4	17.16	6617730	20.0
9-Octadecenoic ac...	19.02	422.6	ng	139823000	4	17.16	6617730	20.0
Octadecanoic acid...	19.14	54.9	ng	18150800	4	17.16	6617730	20.0
Octadecanoic acid	19.34	31.6	ng	14270700	5	21.36	9032920	20.0
9,15-Octadecadien...	19.51	8.8	ng	3958170	5	21.36	9032920	20.0
Bicyclo[10.1.0]tr...	20.00	5.7	ng	2582710	5	21.36	9032920	20.0
11-Eicosenoic aci...	20.13	6.6	ng	2980560	5	21.36	9032920	20.0
Eicosanoic acid, ...	20.24	7.7	ng	3470780	5	21.36	9032920	20.0
Ethanol, 2-(9,12-...	20.28	7.4	ng	3358370	5	21.36	9032920	20.0
unknown20.34	20.34	5.8	ng	2613420	5	21.36	9032920	20.0
Docosanoic acid, ...	21.19	6.0	ng	2705510	5	21.36	9032920	20.0
Docosane	21.94	9.9	ng	4460170	5	21.36	9032920	20.0
N,N-Dimethyloctyl...	22.63	17.9	ng	5363770	6	23.64	6008880	20.0