LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

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-BM043019.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	5.369	399	405	412	rBV	1325383	1886054	19.79%	3.856%
2	6.951	668	674	685	rBV	807656	1273367	13.36%	2.603%
3	7.316	729	736	748	rBV	2220409	3624341	38.02%	7.410%
4	7.786	809	816	823	rBV	466406	745423	7.82%	1.524%
5	8.104	863	870	878	rBV	1893638	3047371	31.97%	6.230%
6	8.957	1007	1015	1025	rBV	1593753	2719662	28.53%	5.560%
7	10.580	1282	1291	1300	rBV	533985	917052	9.62%	1.875%
8	13.051	1704	1711	1719	rBV	3712019	5607436	58.83%	11.465%
9	14.286	1913	1921	1930	rBV2	43255	122306	1.28%	0.250%
10	14.433	1939	1946	1955	rVB2	777841	1199022	12.58%	2.451%
11	15.251	2079	2085	2092	rVB	2793449	3599373	37.76%	7.359%
12	15.921	2193	2199	2206	rBV	3127799	4616171	48.43%	9.438%
13	17.180	2406	2413	2425	rBV	1015861	1505350	15.79%	3.078%
14	18.056	2557	2562	2572	rBV	397415	596861	6.26%	1.220%
15	18.850	2693	2697	2702	rVB2	84168	101241	1.06%	0.207%
16	19.339	2776	2780	2789	rBV	255135	381065	4.00%	0.779%
17	19.803	2853	2859	2871	rBV	7839716	9531508	100.00%	19.487%
18	21.056	3070	3072	3078	rVB2	117715	134599	1.41%	0.275%
19	21.362	3120	3124	3131	rBV	1389351	1760913	18.47%	3.600%
20	21.497	3144	3147	3150	rBV2	192116	197606	2.07%	0.404%
21	21.938	3218	3222	3227	rVB	328580	402493	4.22%	0.823%
22	22.403	3298	3301	3308	rVB	508849	685071	7.19%	1.401%
23	22.921	3386	3389	3397	rVB	561785	826811	8.67%	1.690%
24	23.503	3484	3488	3494	rVB	533700	853570	8.96%	1.745%
25	23.650	3508	3513	3521	rVB	991313	1880795	19.73%	3.845%
26	24.168	3598	3601	3611	rVB2	400220	695518	7.30%	1.422%

Sum of corrected areas: 48910979

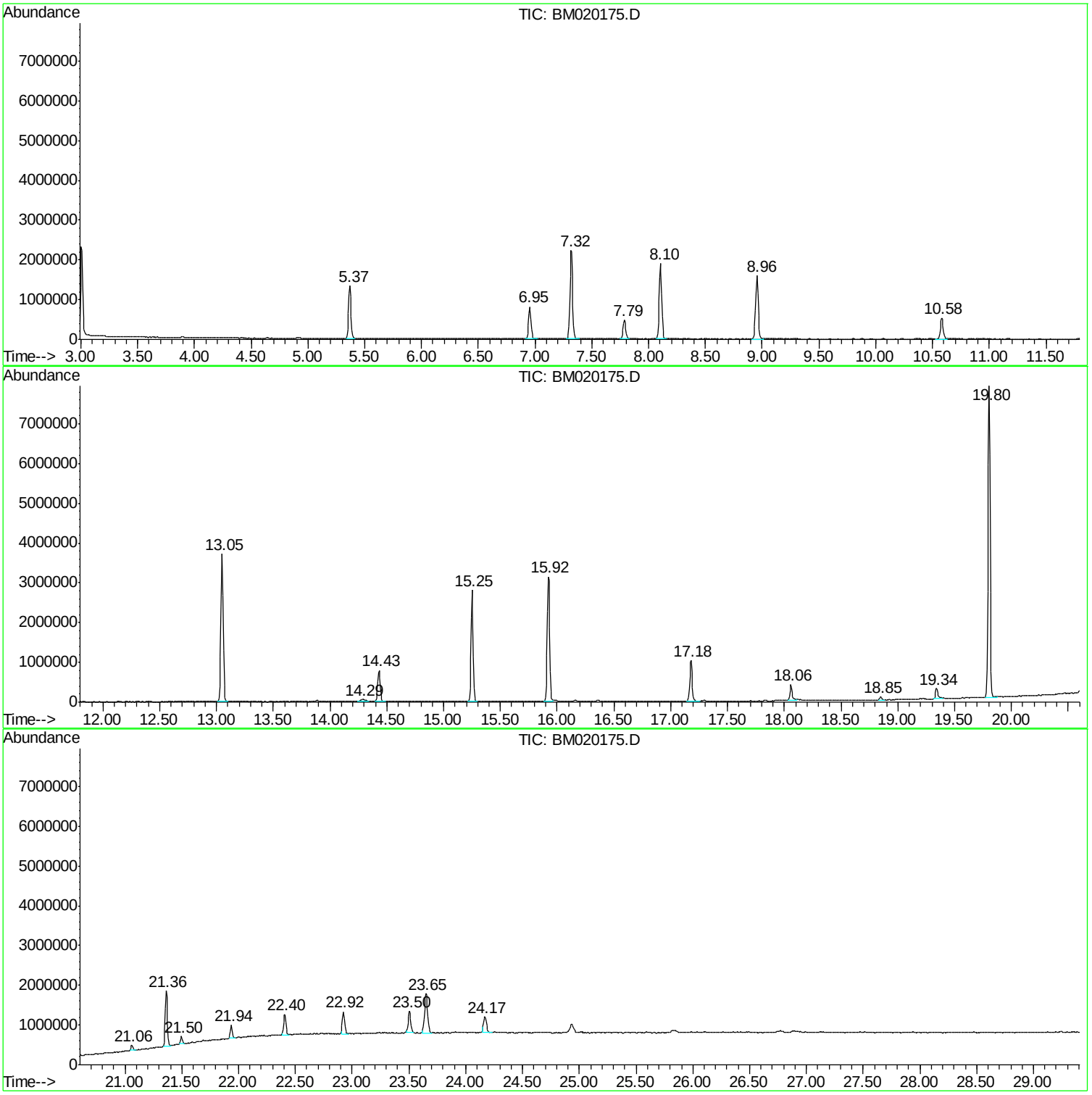
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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\BM050719\
Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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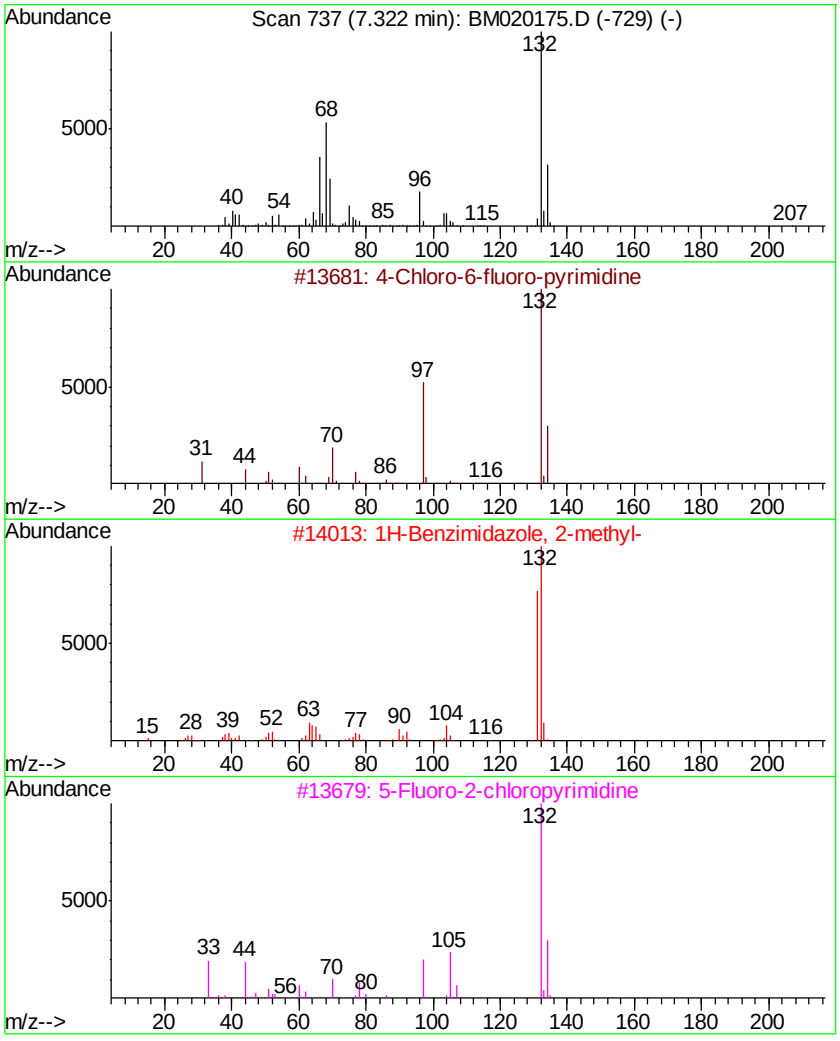
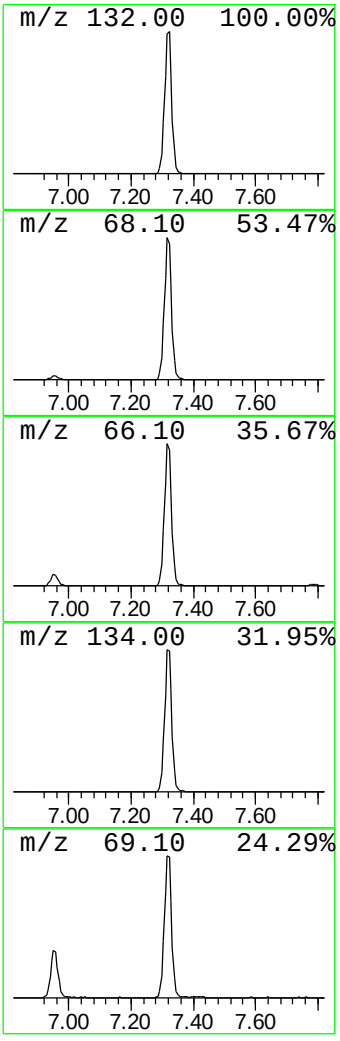
Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	97.24 ng	3624340	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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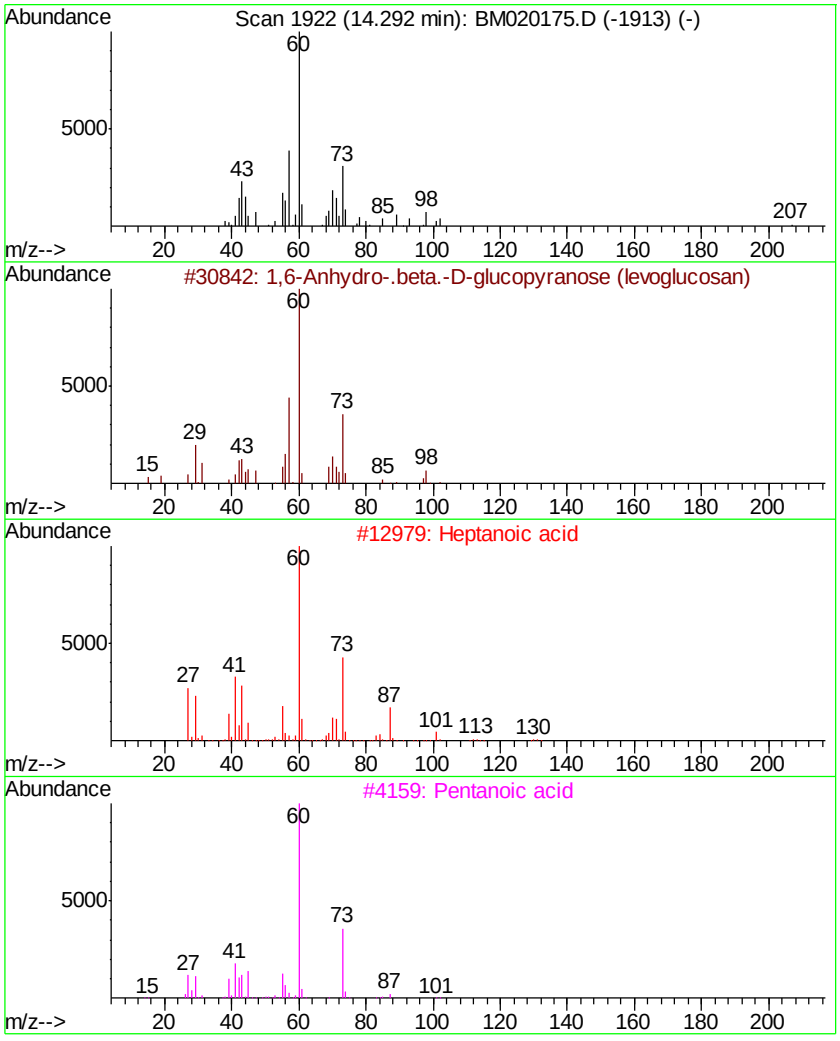
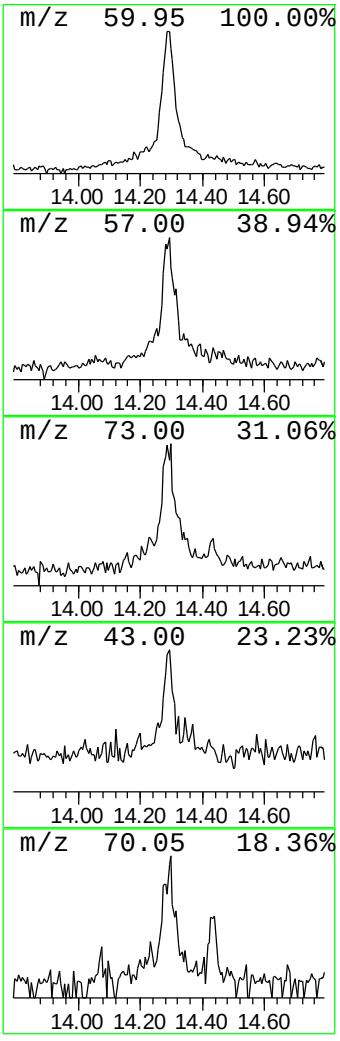
Peak Number 3 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.04 ng	122306	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	64
2	Heptanoic acid	130	C7H14O2	000111-14-8	59
3	Pentanoic acid	102	C5H10O2	000109-52-4	53
4	Butanoic acid	88	C4H8O2	000107-92-6	42
5	Hexanoic acid	116	C6H12O2	000142-62-1	42





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Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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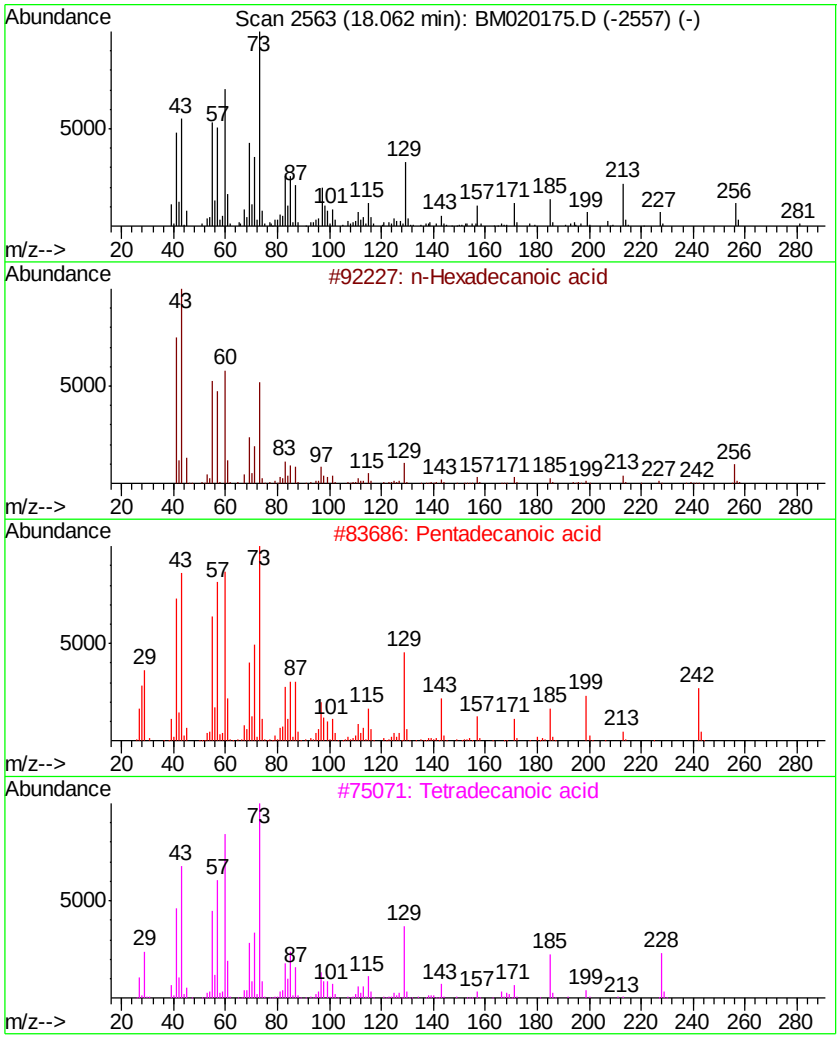
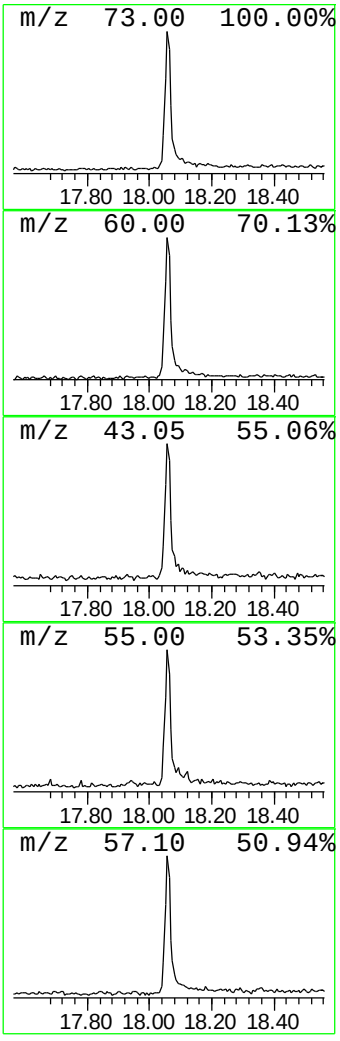
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	7.93 ng	596861	Phenanthrene-d10	17.18

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	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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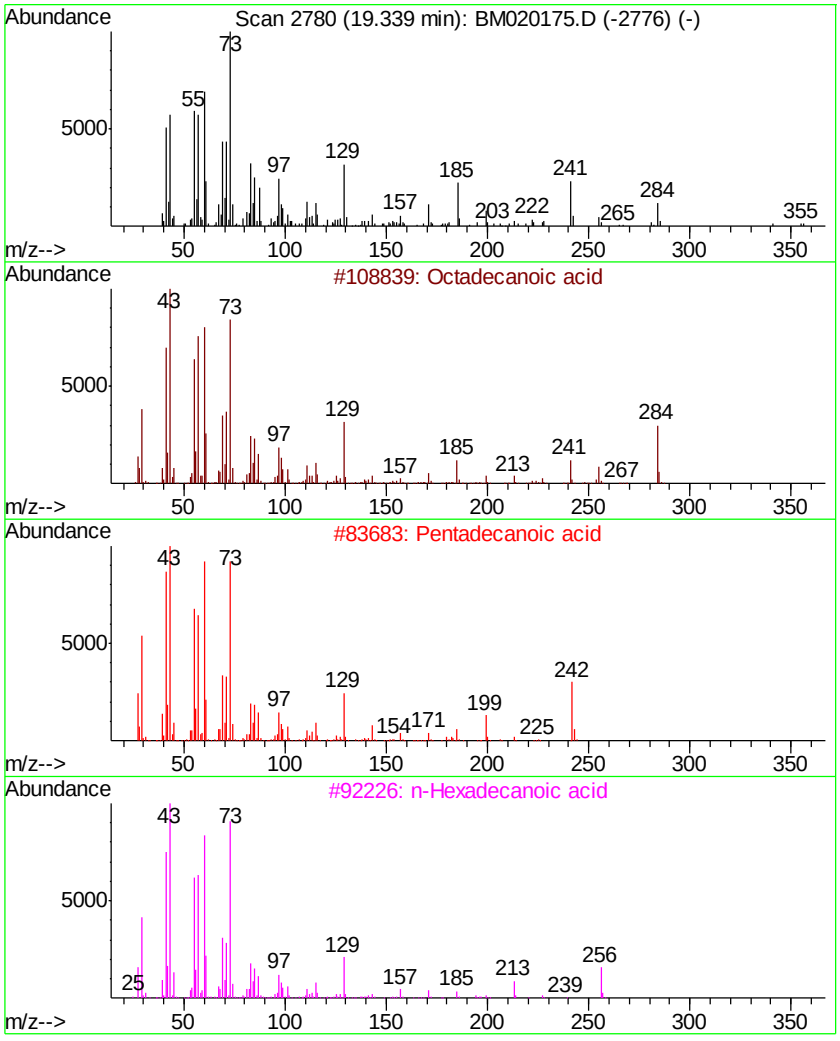
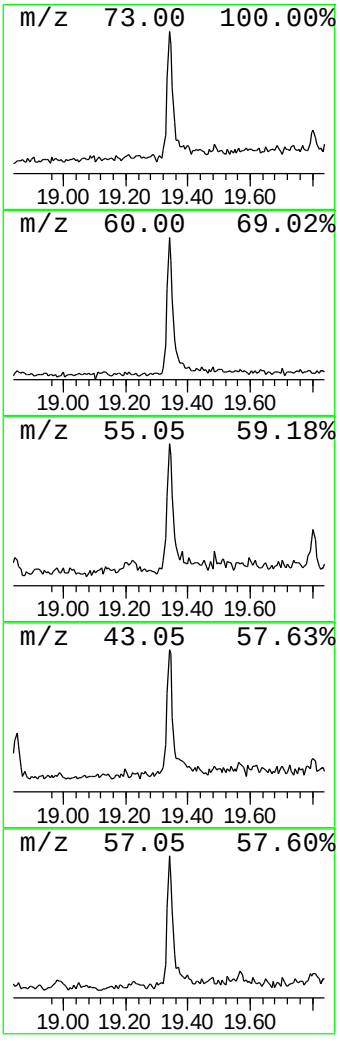
Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.33 ng	381065	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	41
5	Eicosane	282	C20H42	000112-95-8	25





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Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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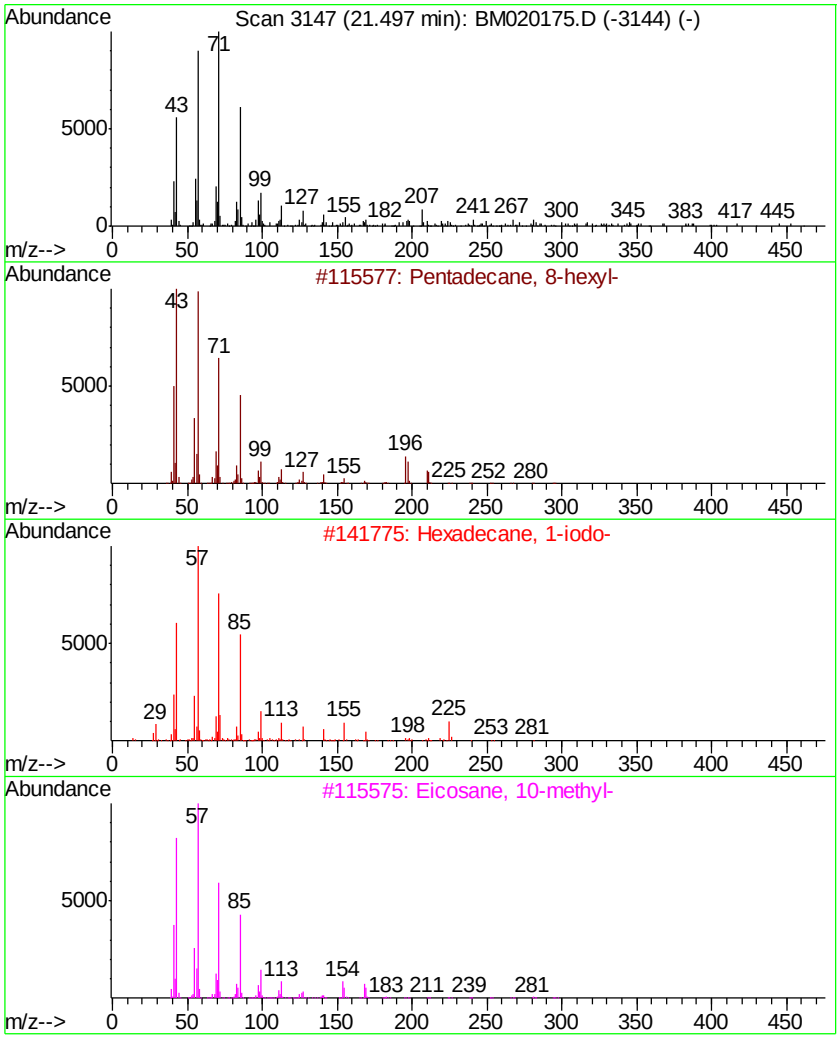
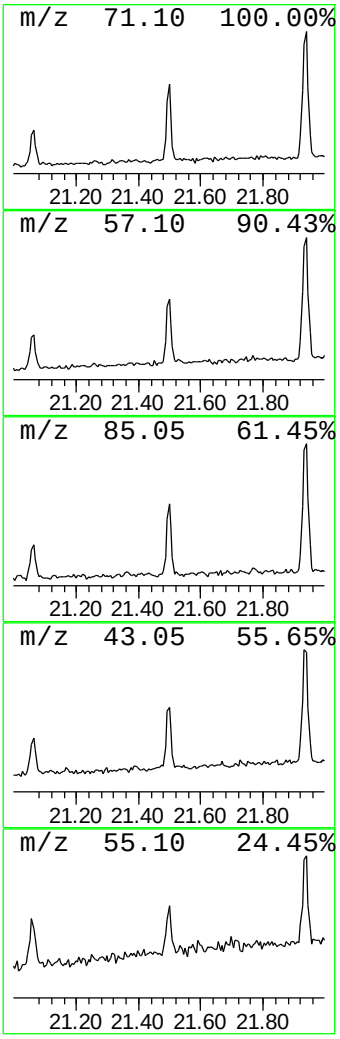
Peak Number 6 Pentadecane, 8-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.24 ng	197606	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	81
5	Octacosane	394	C28H58	000630-02-4	74





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Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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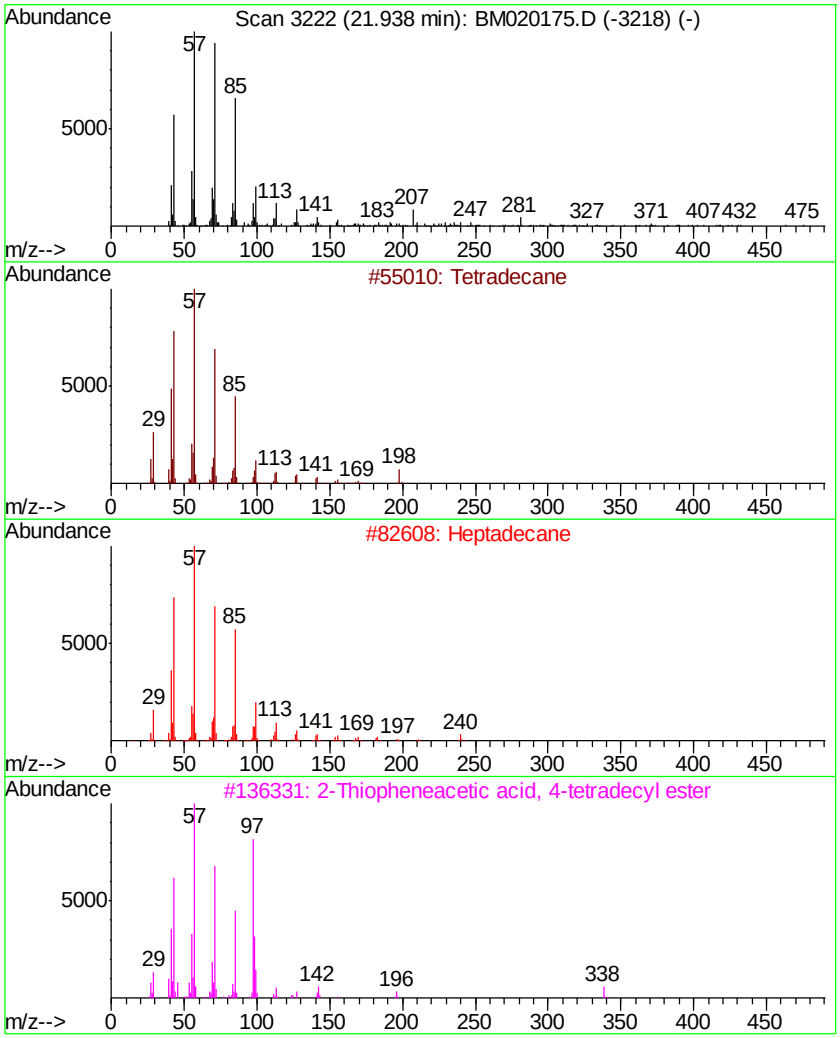
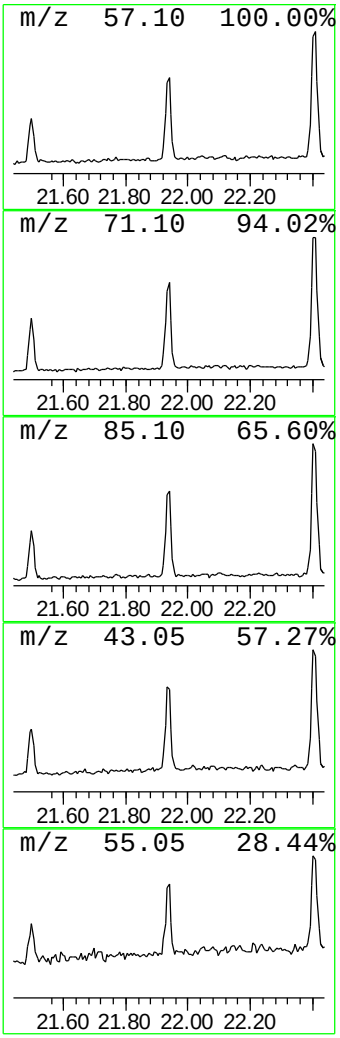
Peak Number 7 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	4.57 ng	402493	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80
4	Heptacosane	380	C27H56	000593-49-7	74
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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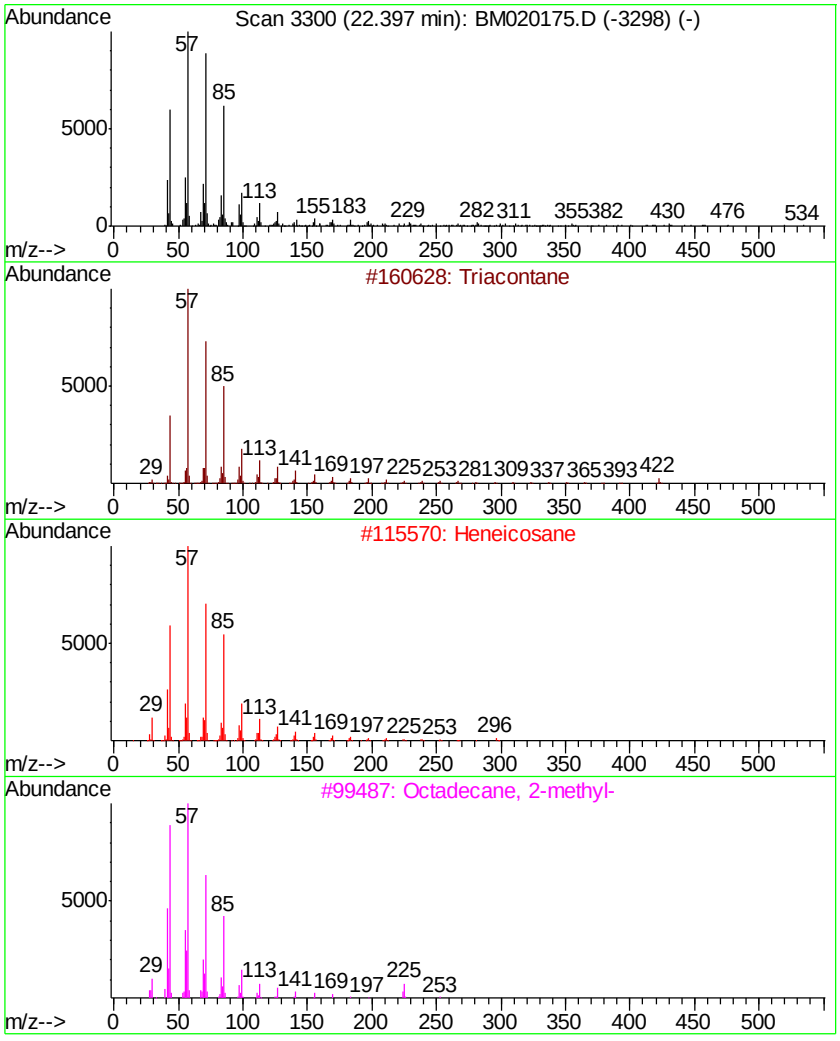
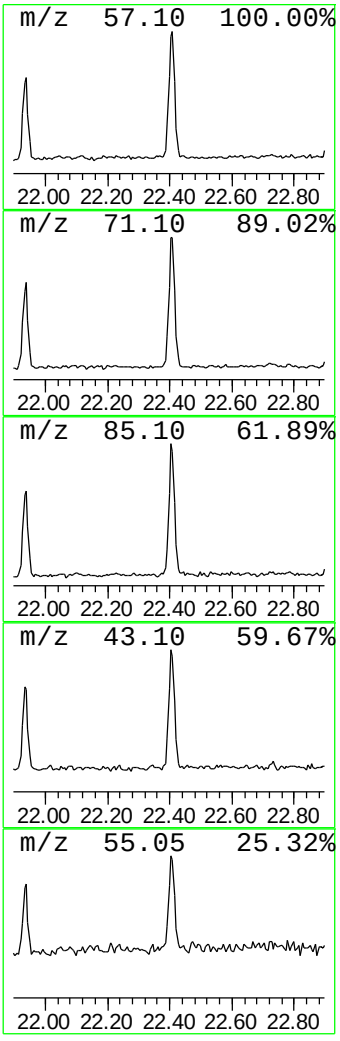
Peak Number 8 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	7.78 ng	685071	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Octacosane	394	C28H58	000630-02-4	83





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Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
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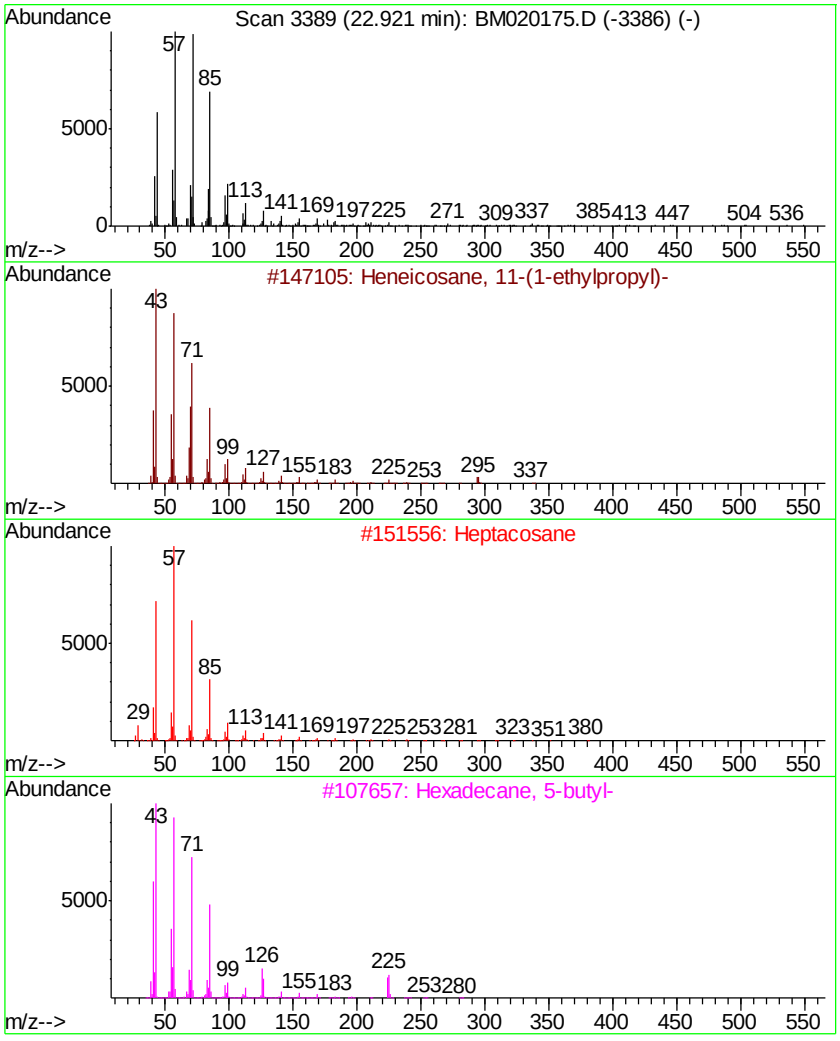
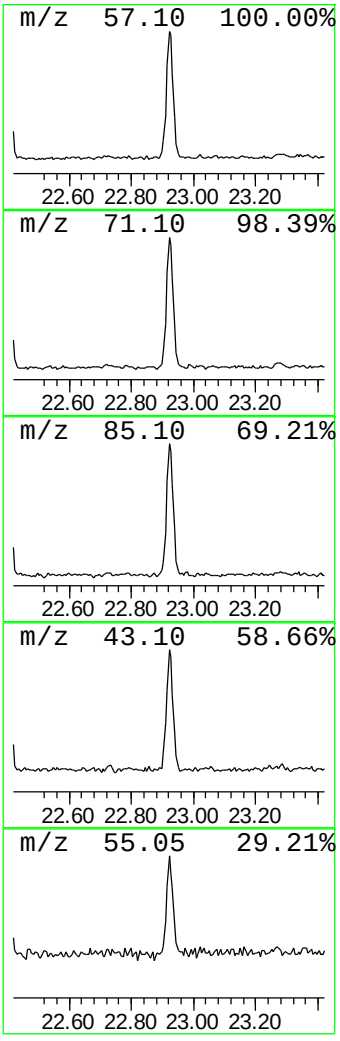
****

Peak Number 9 Heneicosane, 11-(1-ethylpro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	8.79 ng	826811	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
2	Heptacosane	380	C27H56	000593-49-7	83
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Octadecane, 5-methyl-	268	C19H40	025117-35-5	80





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

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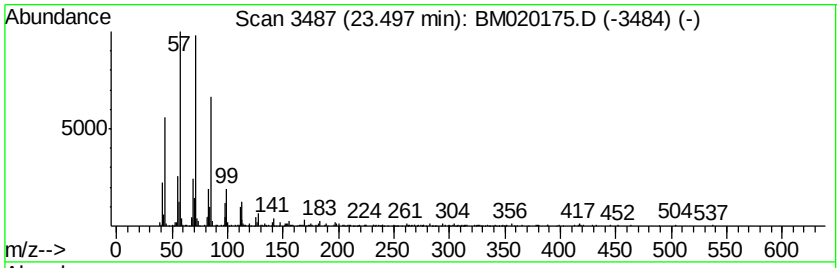
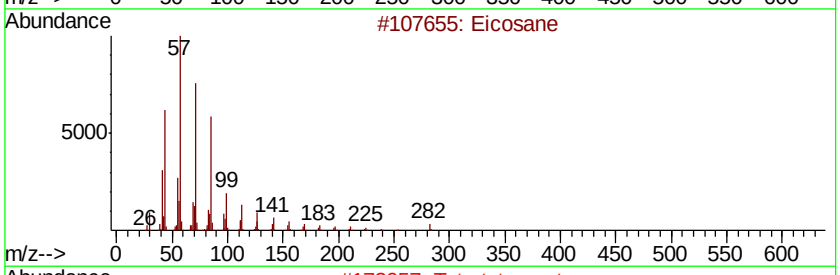
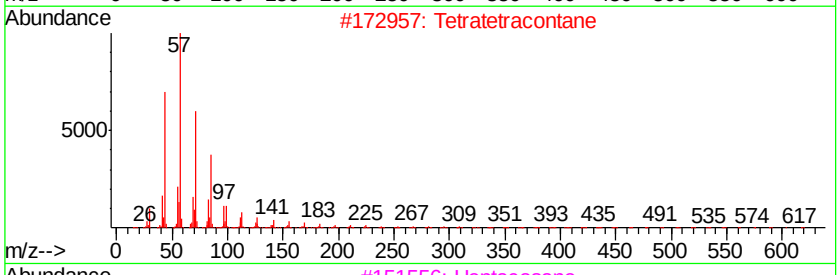
Peak Number 10 Eicosane Concentration Rank 3

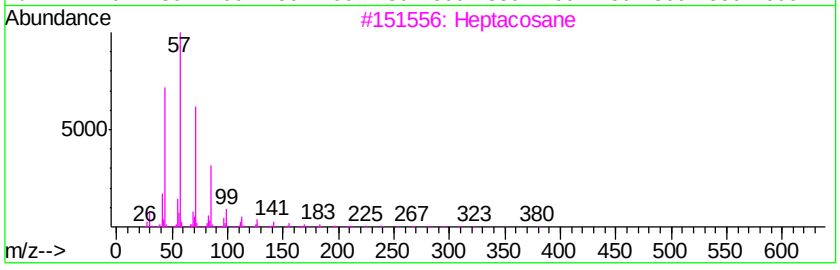
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	9.08 ng	853570	Perylene-d12	23.65

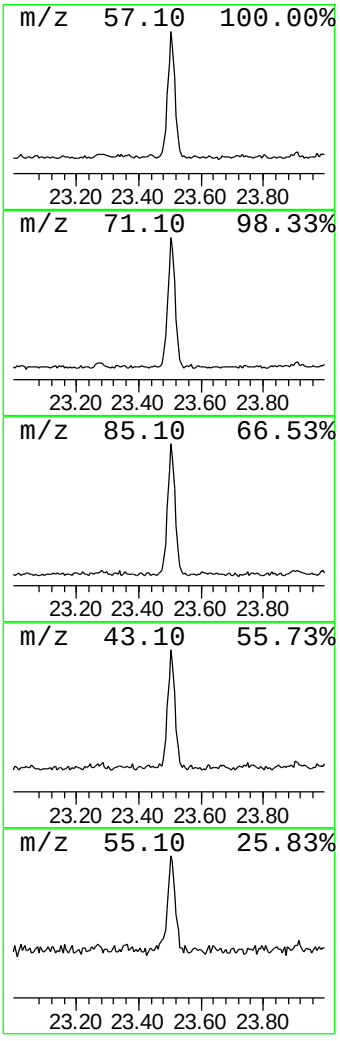
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Heptacosane	380	C27H56	000593-49-7	83
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

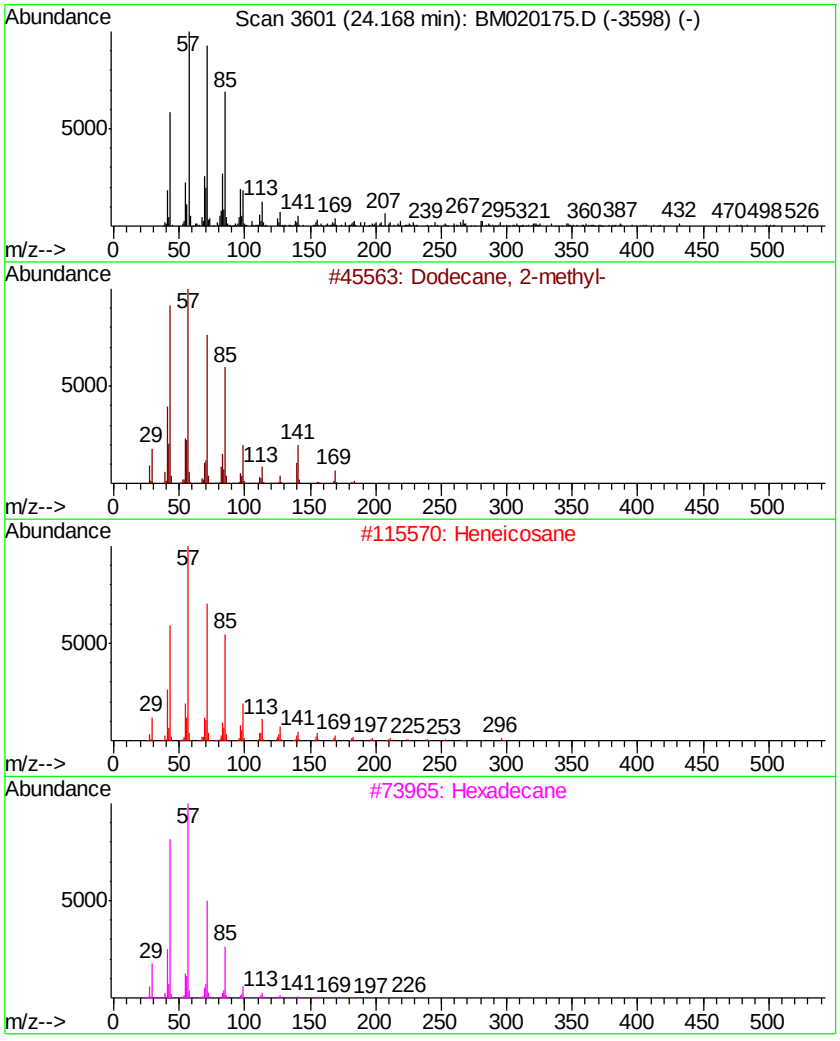
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

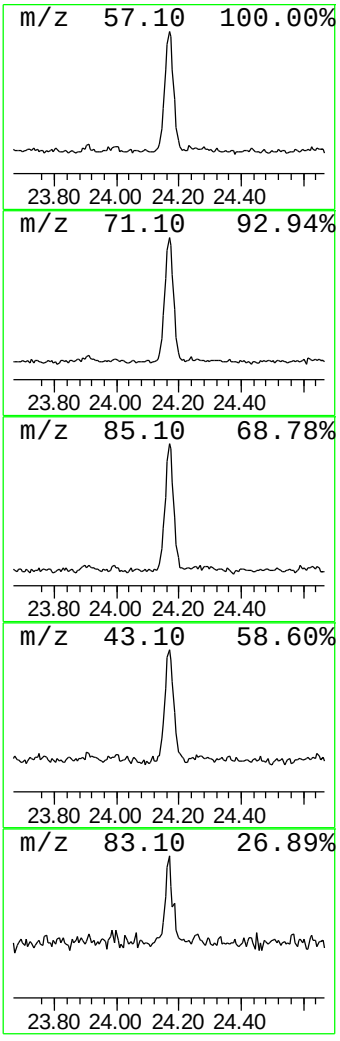
****

Peak Number 11 Dodecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	7.40 ng	695518	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Heneicosane	296	C21H44	000629-94-7	74
3	Hexadecane	226	C16H34	000544-76-3	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Tridecane	184	C13H28	000629-50-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050719\
Data File : BM020175.D
Acq On : 07 May 2019 21:17
Operator : JU/SJ
Sample : K2697-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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
unknown7.32	7.32	97.2	ng	3624340	1	7.79	745423	20.0
1,6-Anhydro-.beta...	14.29	2.0	ng	122306	3	14.43	1199020	20.0
n-Hexadecanoic acid	18.06	7.9	ng	596861	4	17.18	1505350	20.0
Octadecanoic acid	19.34	4.3	ng	381065	5	21.36	1760910	20.0
Pentadecane, 8-he...	21.50	2.2	ng	197606	5	21.36	1760910	20.0
Tetradecane	21.94	4.6	ng	402493	5	21.36	1760910	20.0
Triacontane	22.40	7.8	ng	685071	5	21.36	1760910	20.0
Heneicosane, 11-(...	22.92	8.8	ng	826811	6	23.65	1880800	20.0
Eicosane	23.50	9.1	ng	853570	6	23.65	1880800	20.0
Dodecane, 2-methyl-	24.17	7.4	ng	695518	6	23.65	1880800	20.0