LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

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-BM041519.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	5.110	356	361	389	rBV	728872	1378695	19.79%	3.966%
2	6.693	625	630	652	rBV	371851	855363	12.28%	2.461%
3	7.028	681	687	714	rBV	1672114	2831193	40.64%	8.145%
4	7.493	760	766	777	rBV	360106	606946	8.71%	1.746%
5	7.804	812	819	837	rBV	1545277	2585362	37.12%	7.437%
6	8.669	959	966	984	rBV	857510	1899117	27.26%	5.463%
7	10.275	1227	1239	1260	rBV	295672	740992	10.64%	2.132%
8	12.763	1655	1662	1678	rBV	2857010	4536069	65.12%	13.049%
9	13.657	1808	1814	1823	rBV	40437	87377	1.25%	0.251%
10	14.163	1891	1900	1911	rBV2	535417	933789	13.41%	2.686%
11	15.674	2150	2157	2174	rBV	2058292	3579560	51.39%	10.298%
12	16.927	2364	2370	2384	rBV2	615507	1093780	15.70%	3.147%
13	17.821	2516	2522	2530	rBV	338553	560343	8.04%	1.612%
14	19.115	2737	2742	2757	rBV	328230	593540	8.52%	1.707%
15	19.574	2814	2820	2832	rBV	5598972	6965779	100.00%	20.039%
16	20.833	3031	3034	3040	rVB5	54585	92535	1.33%	0.266%
17	21.145	3082	3087	3096	rBV	875116	1312000	18.83%	3.774%
18	21.268	3105	3108	3112	rVB	100132	97125	1.39%	0.279%
19	21.692	3176	3180	3183	rBV	195465	231396	3.32%	0.666%
20	22.133	3250	3255	3262	rBV	324653	435851	6.26%	1.254%
21	22.615	3332	3337	3343	rVB	422403	552753	7.94%	1.590%
22	23.150	3423	3428	3434	rVB	379207	606019	8.70%	1.743%
23	23.321	3452	3457	3471	rVB	613262	1341844	19.26%	3.860%
24	23.756	3526	3531	3538	rVB	309978	523868	7.52%	1.507%
25	24.456	3646	3650	3659	rVB	158005	319983	4.59%	0.921%

Sum of corrected areas: 34761279

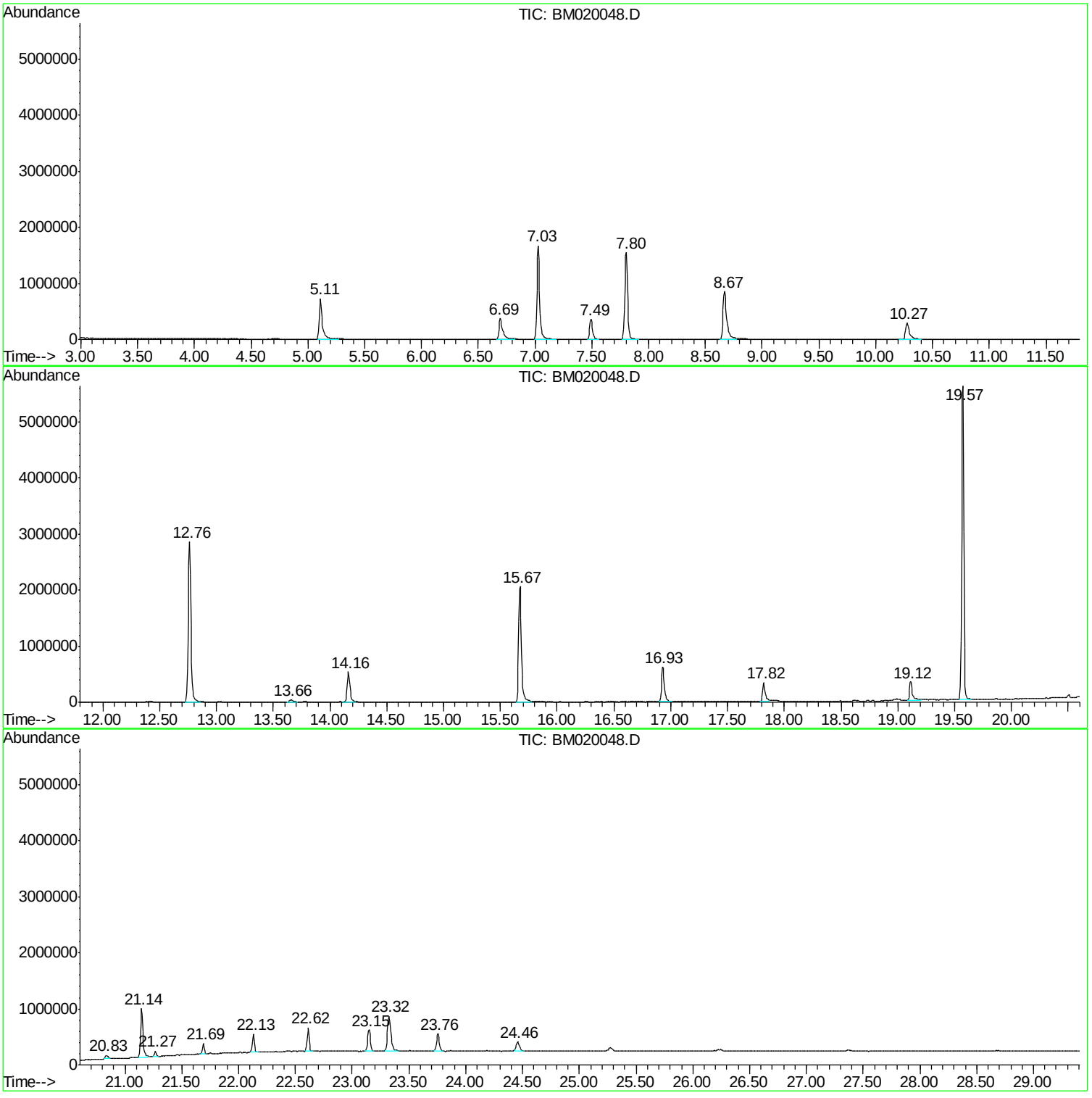
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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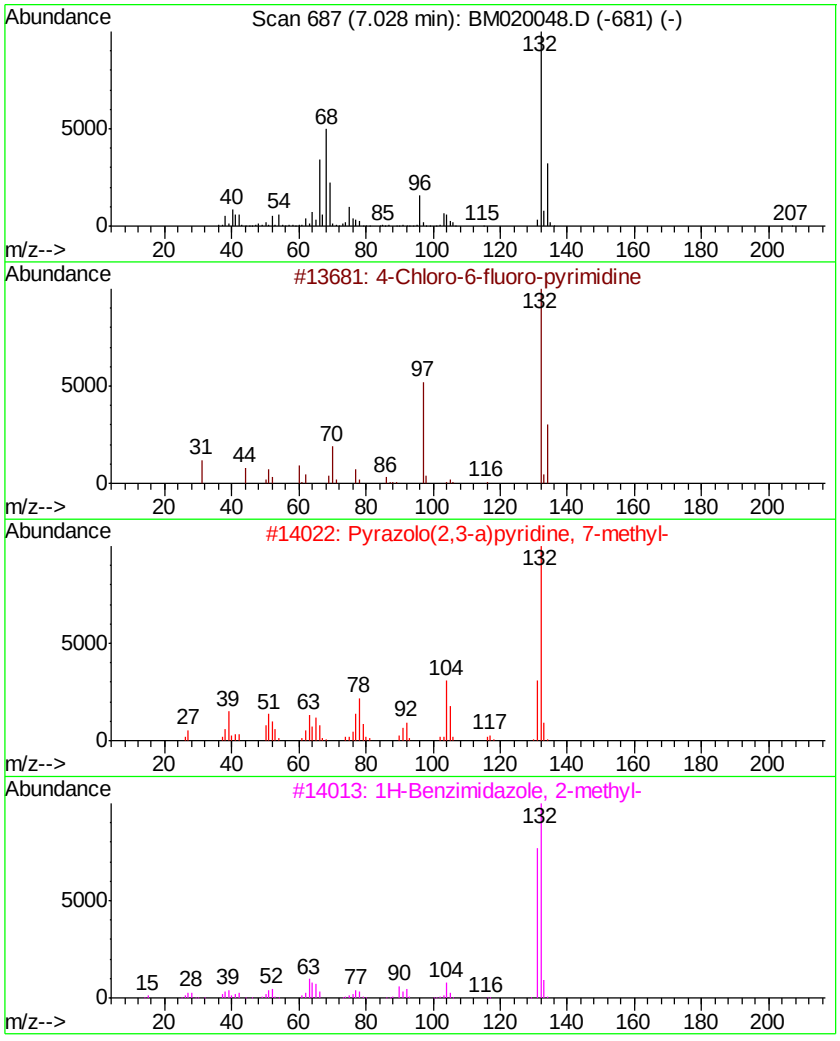
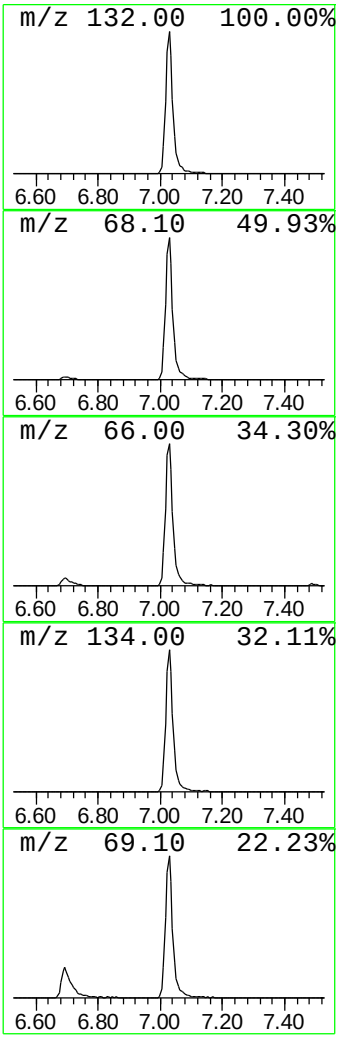
Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	93.29 ng	2831190	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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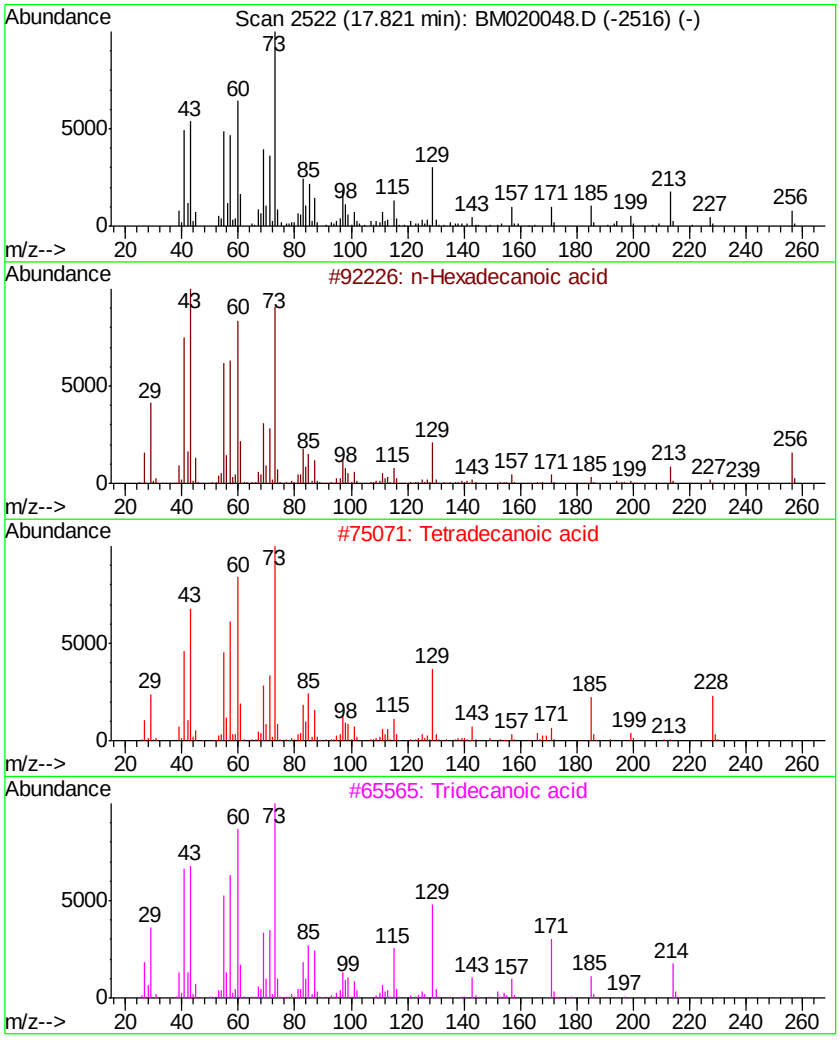
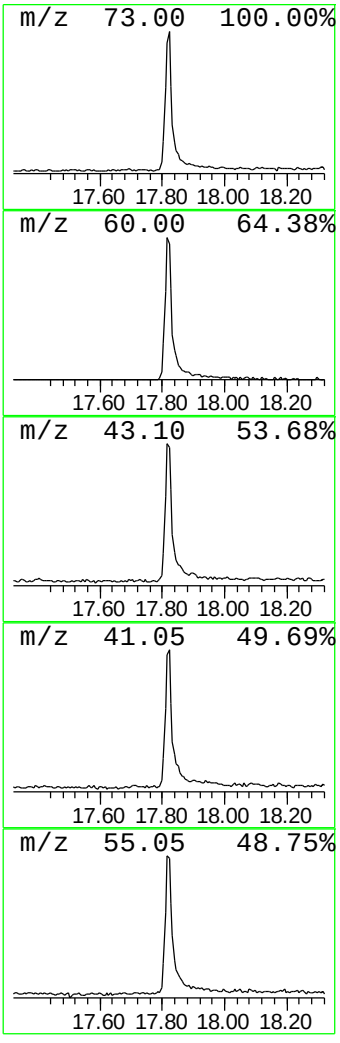
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	10.25 ng	560343	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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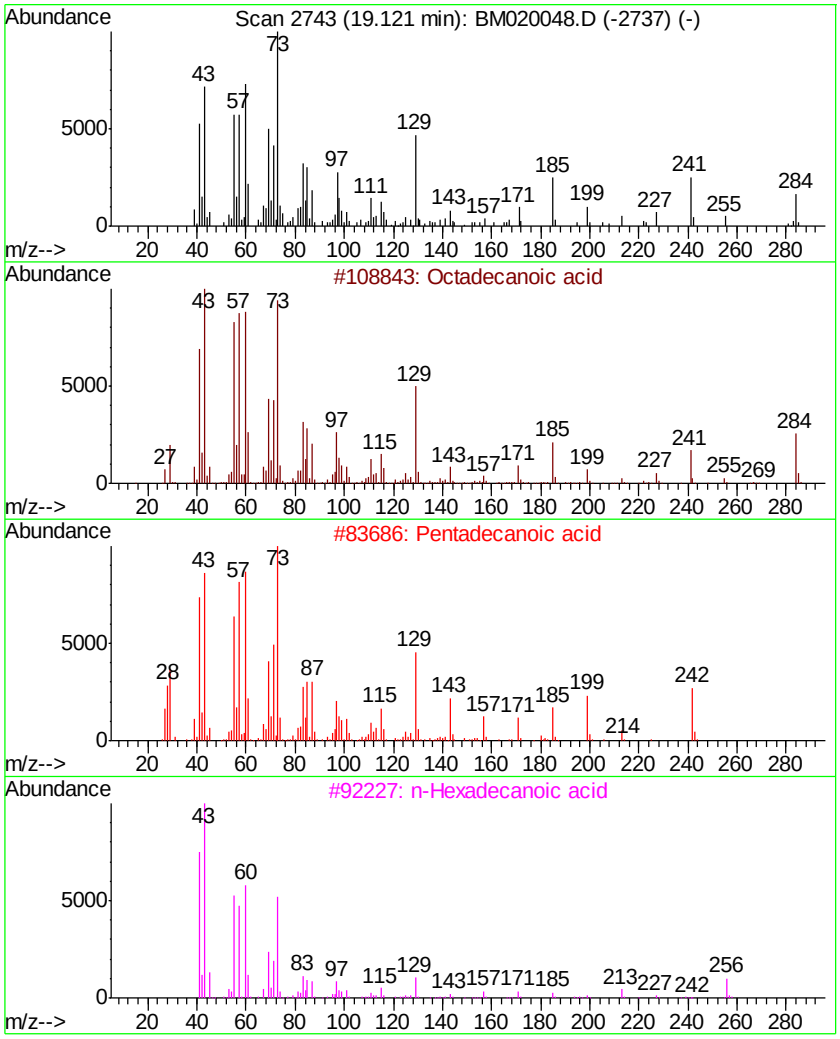
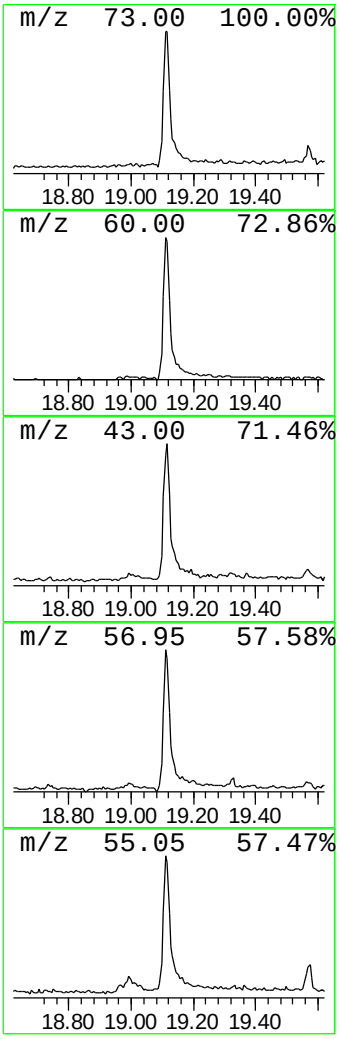
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	9.05 ng	593540	Chrysene-d12	21.14

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	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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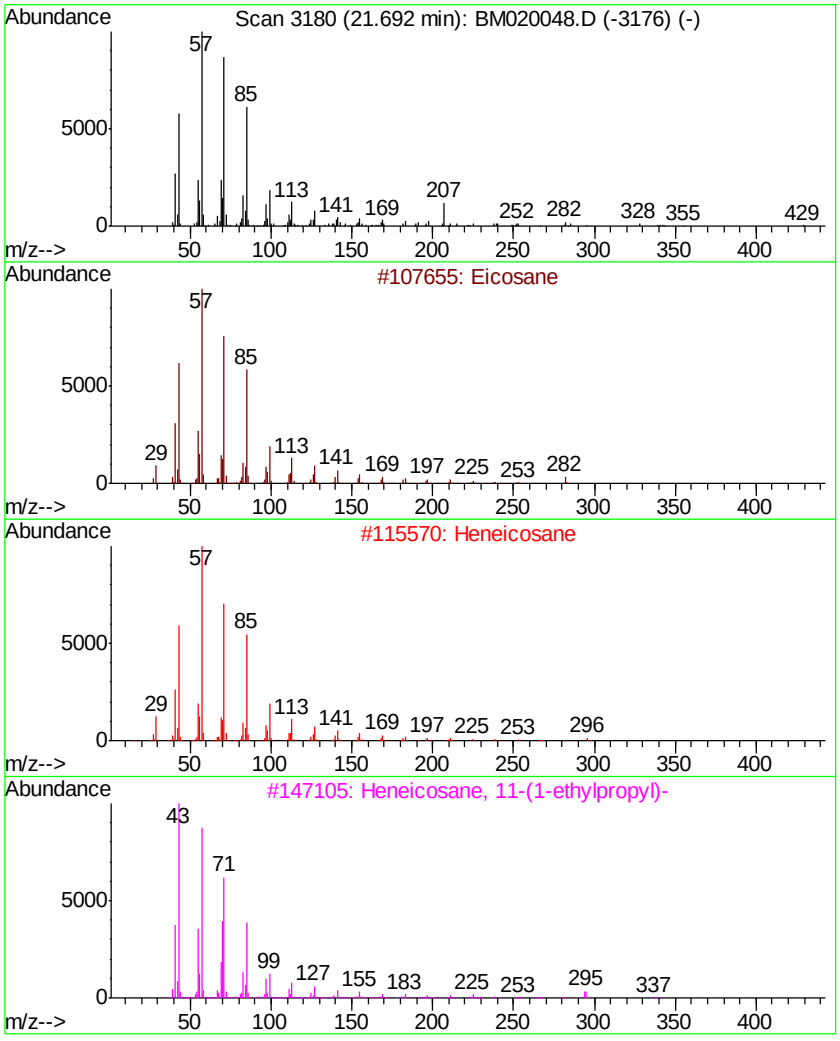
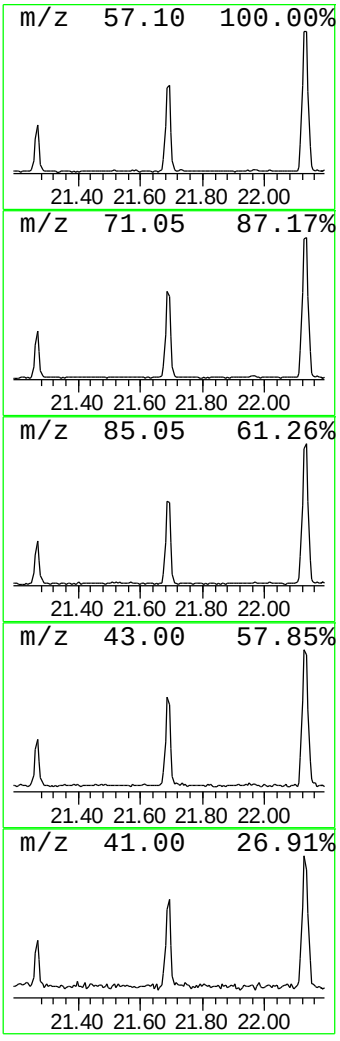
Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.53 ng	231396	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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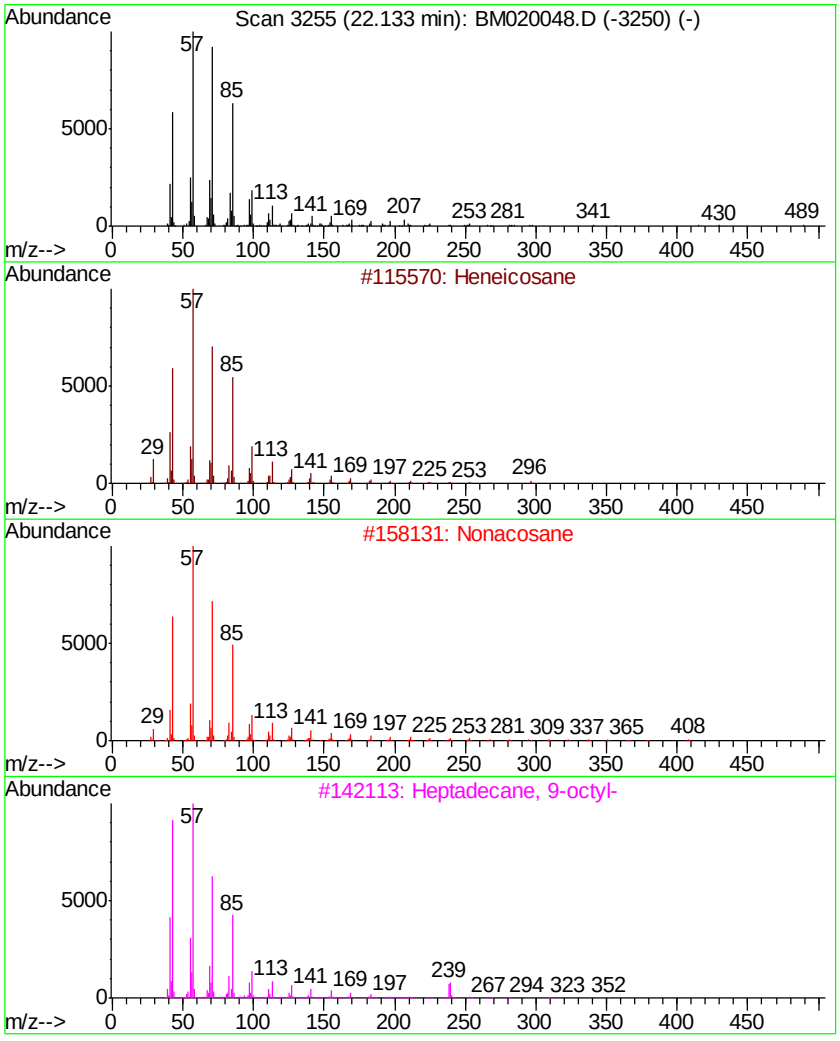
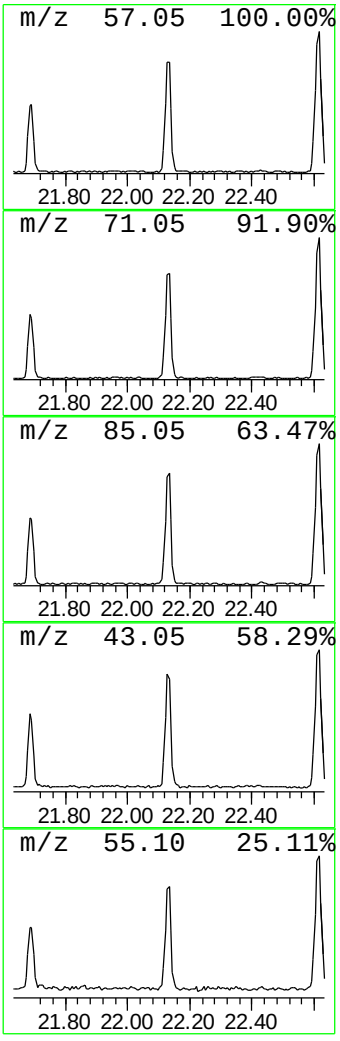
Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	6.64 ng	435851	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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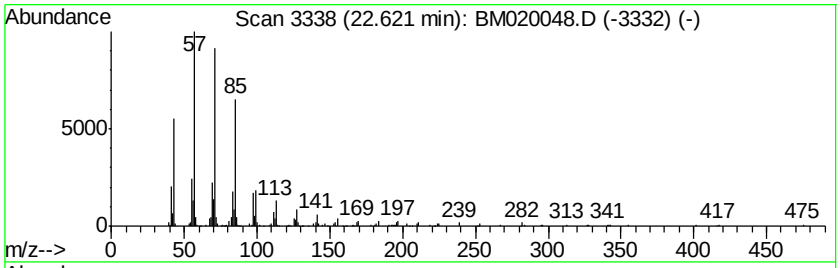
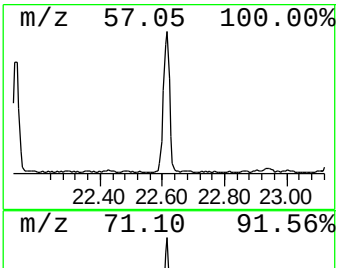
Peak Number 7 Heneicosane, 11-(1-ethylpro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	8.24 ng	552753	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptacosane	380	C27H56	000593-49-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020048.D
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Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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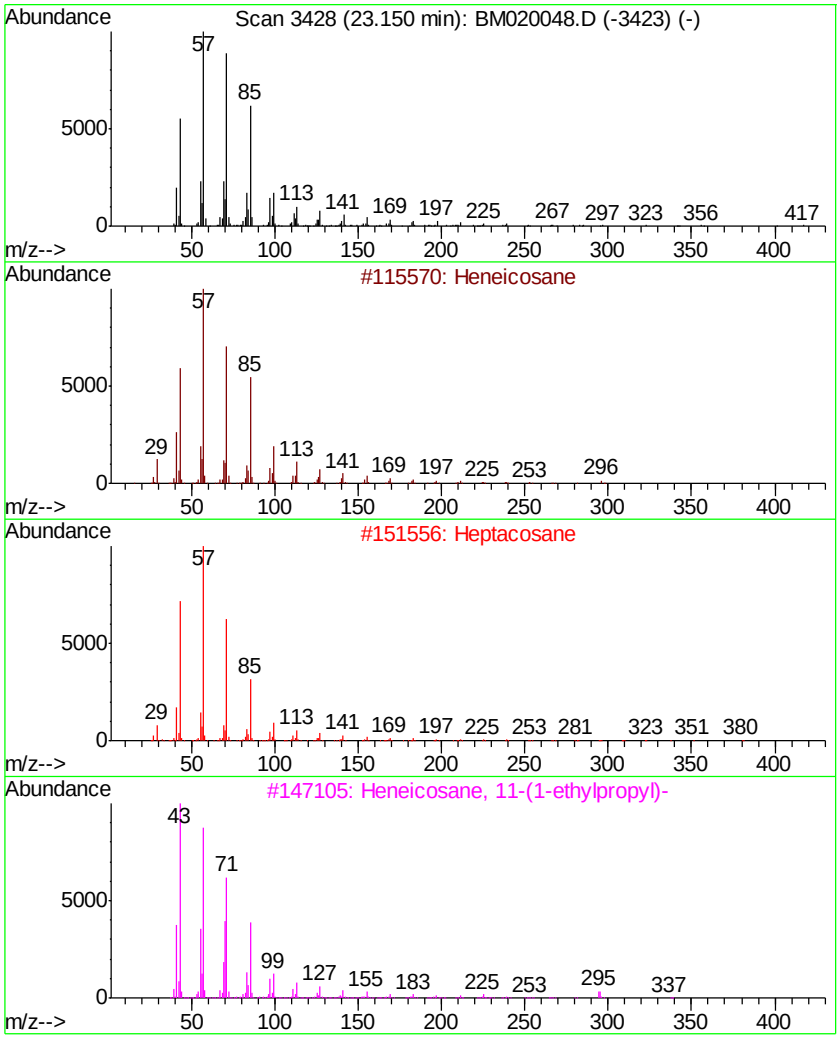
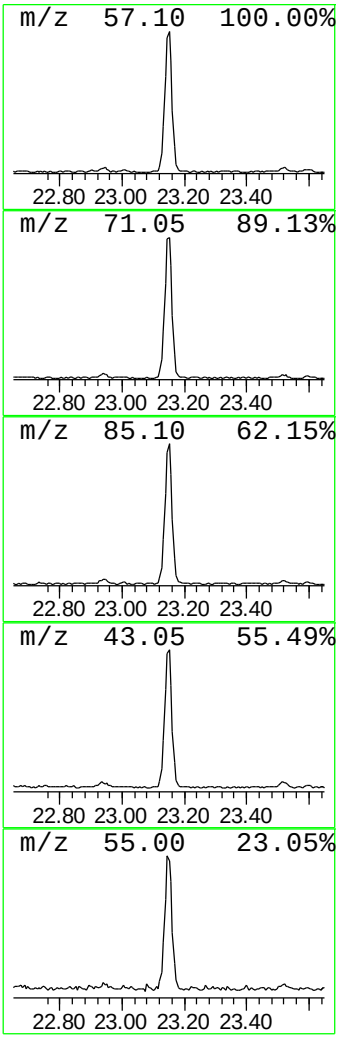
Peak Number 8 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	9.03 ng	606019	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Nonacosane	408	C29H60	000630-03-5	91





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Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
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Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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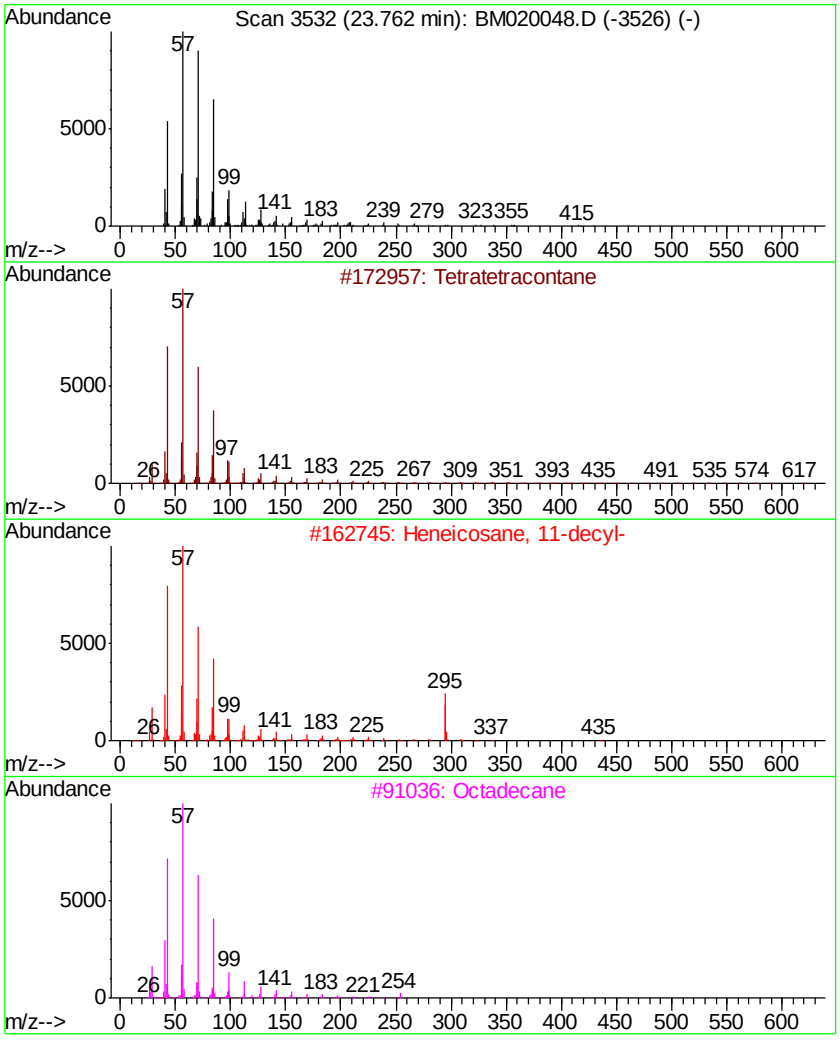
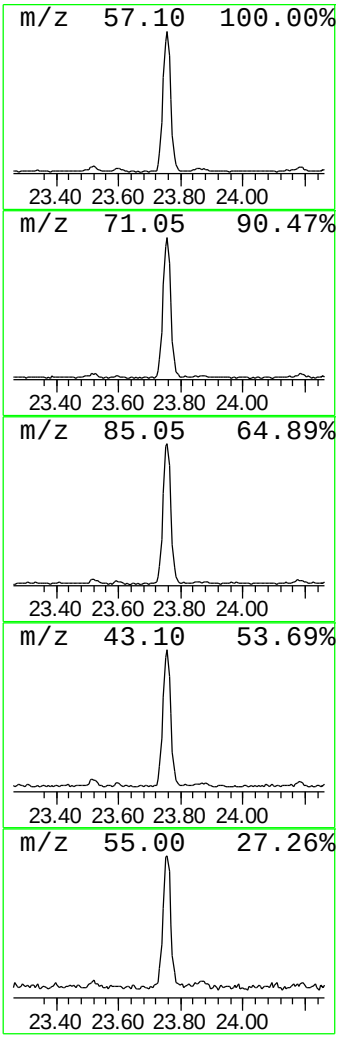
Peak Number 9 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	7.81 ng	523868	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	80
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80
3	Octadecane	254	C18H38	000593-45-3	74
4	Hexadecane	226	C16H34	000544-76-3	74
5	Octacosane	394	C28H58	000630-02-4	72





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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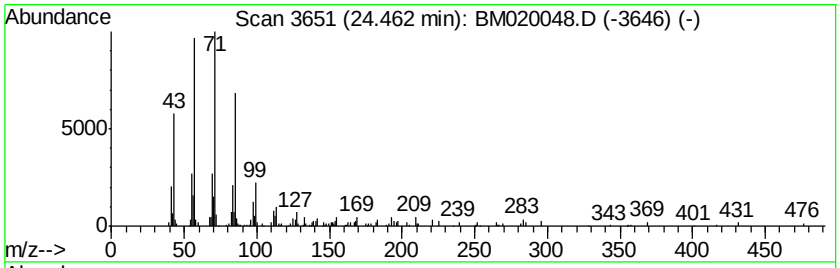
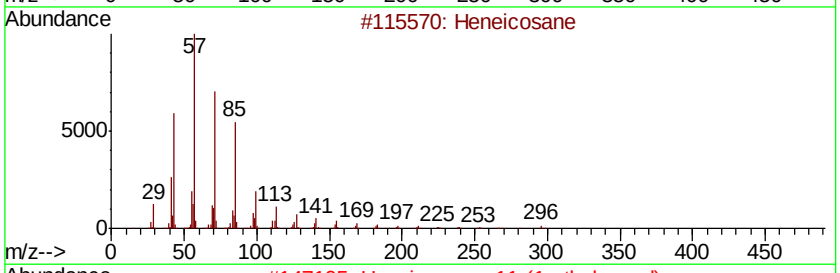
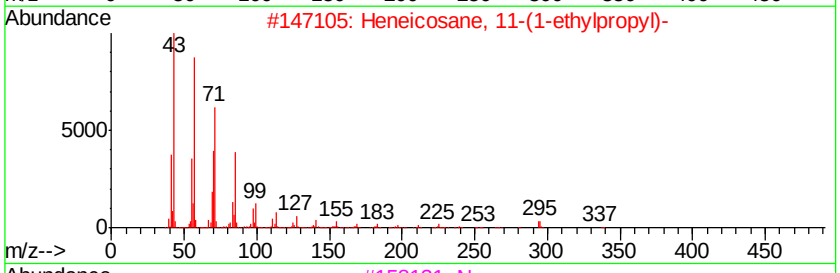
Peak Number 10 Nonacosane Concentration Rank 9

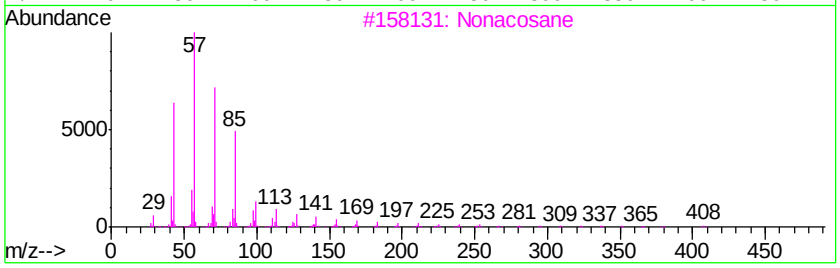
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	4.77 ng	319983	Perylene-d12	23.32

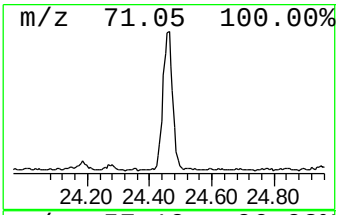
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90

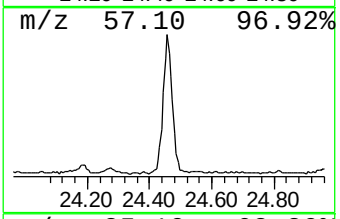


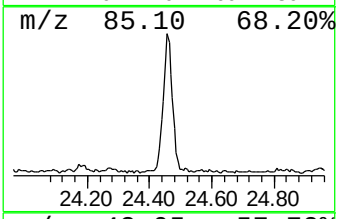


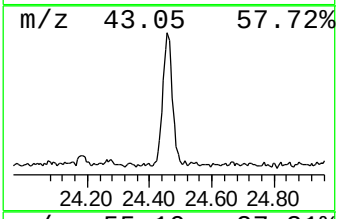


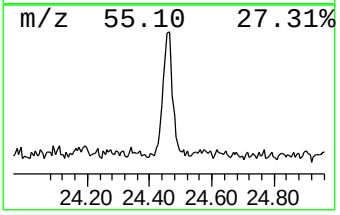












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042319\
Data File : BM020048.D
Acq On : 23 Apr 2019 22:08
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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
unknown7.03	7.03	93.3	ng	2831190	1	7.49	606946	20.0
n-Hexadecanoic acid	17.82	10.3	ng	560343	4	16.93	1093780	20.0
Octadecanoic acid	19.12	9.1	ng	593540	5	21.14	1312000	20.0
Eicosane	21.69	3.5	ng	231396	5	21.14	1312000	20.0
Heneicosane	22.13	6.6	ng	435851	5	21.14	1312000	20.0
Heneicosane, 11-(...	22.62	8.2	ng	552753	6	23.32	1341840	20.0
Heptacosane	23.15	9.0	ng	606019	6	23.32	1341840	20.0
Tetratetracontane	23.76	7.8	ng	523868	6	23.32	1341840	20.0
Nonacosane	24.46	4.8	ng	319983	6	23.32	1341840	20.0