LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-GW

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-BM082919.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	5.146	362	367	376	rBV	241266	351699	18.97%	3.957%
2	6.722	629	635	648	rBV	147024	254114	13.70%	2.859%
3	7.063	686	693	705	rBB	368110	583009	31.44%	6.559%
4	7.522	765	771	777	rBB	75545	113801	6.14%	1.280%
5	7.834	818	824	832	rBB	314487	485107	26.16%	5.457%
6	8.692	964	970	985	rBV	201991	366186	19.75%	4.120%
7	10.298	1237	1243	1256	rBB	73307	131104	7.07%	1.475%
8	12.786	1660	1666	1680	rBV	545517	807749	43.56%	9.087%
9	13.663	1811	1815	1823	rBB	29789	43725	2.36%	0.492%
10	14.186	1898	1904	1912	rBB	116652	170604	9.20%	1.919%
11	15.698	2156	2161	2175	rBB	566753	791364	42.68%	8.903%
12	16.957	2368	2375	2383	rBV2	145088	213433	11.51%	2.401%
13	17.851	2520	2527	2537	rBV	75165	122028	6.58%	1.373%
14	19.139	2742	2746	2756	rBV	57661	89529	4.83%	1.007%
15	19.598	2819	2824	2832	rBV	1600201	1854329	100.00%	20.861%
16	20.862	3035	3039	3043	rBV	101604	125909	6.79%	1.416%
17	21.168	3087	3091	3097	rBV	281994	374024	20.17%	4.208%
18	21.297	3110	3113	3118	rBV	84986	109754	5.92%	1.235%
19	21.721	3182	3185	3189	rVB	136121	146648	7.91%	1.650%
20	22.168	3258	3261	3267	rVB	209636	254878	13.75%	2.867%
21	22.656	3339	3344	3350	rVB	222319	307656	16.59%	3.461%
22	23.191	3431	3435	3442	rVB	213991	328414	17.71%	3.695%
23	23.362	3458	3464	3473	rBV	219990	427784	23.07%	4.813%
24	23.803	3535	3539	3545	rVB	163423	287662	15.51%	3.236%
25	24.509	3654	3659	3666	rVB2	75896	148379	8.00%	1.669%

Sum of corrected areas: 8888889

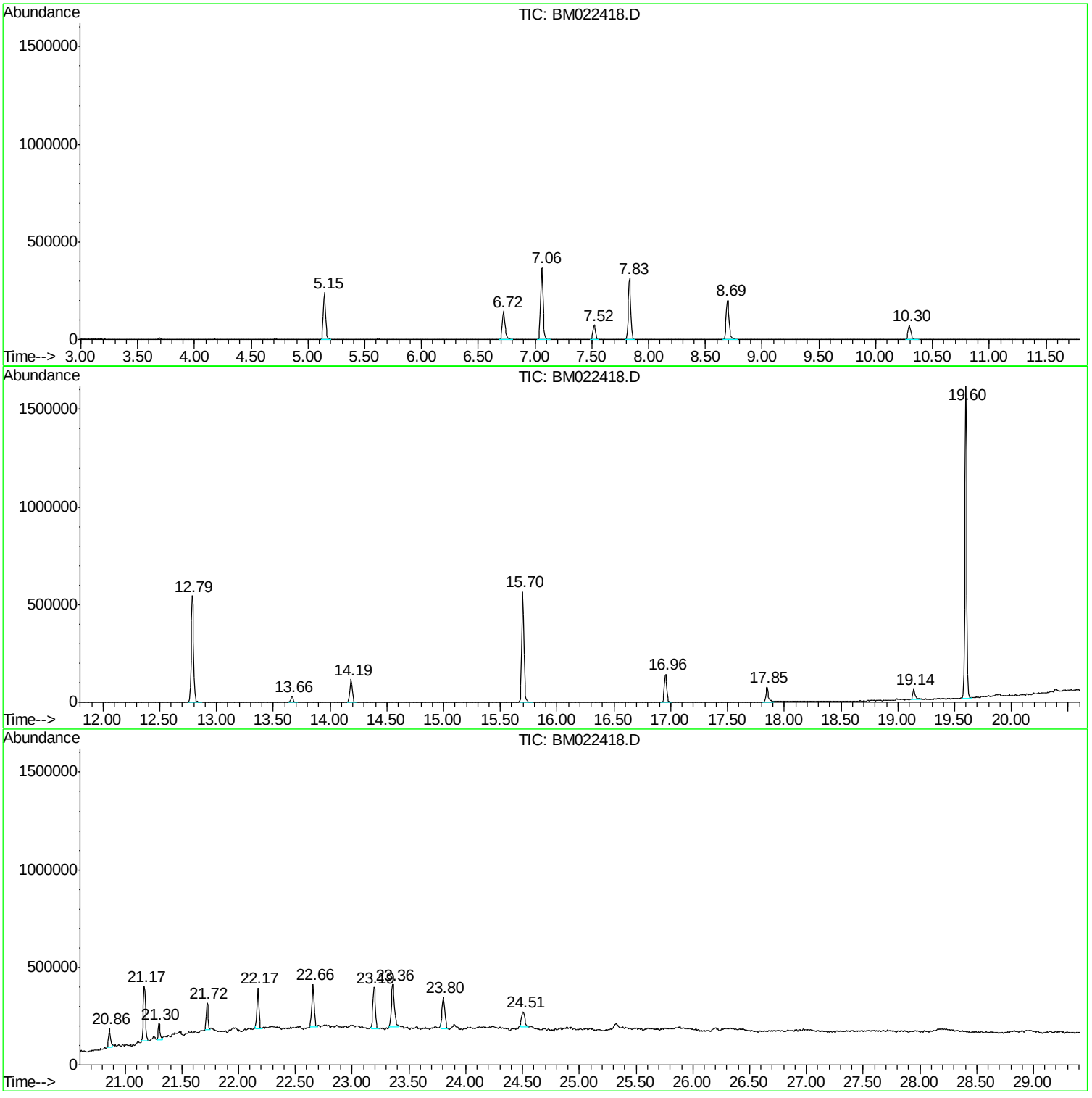
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
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Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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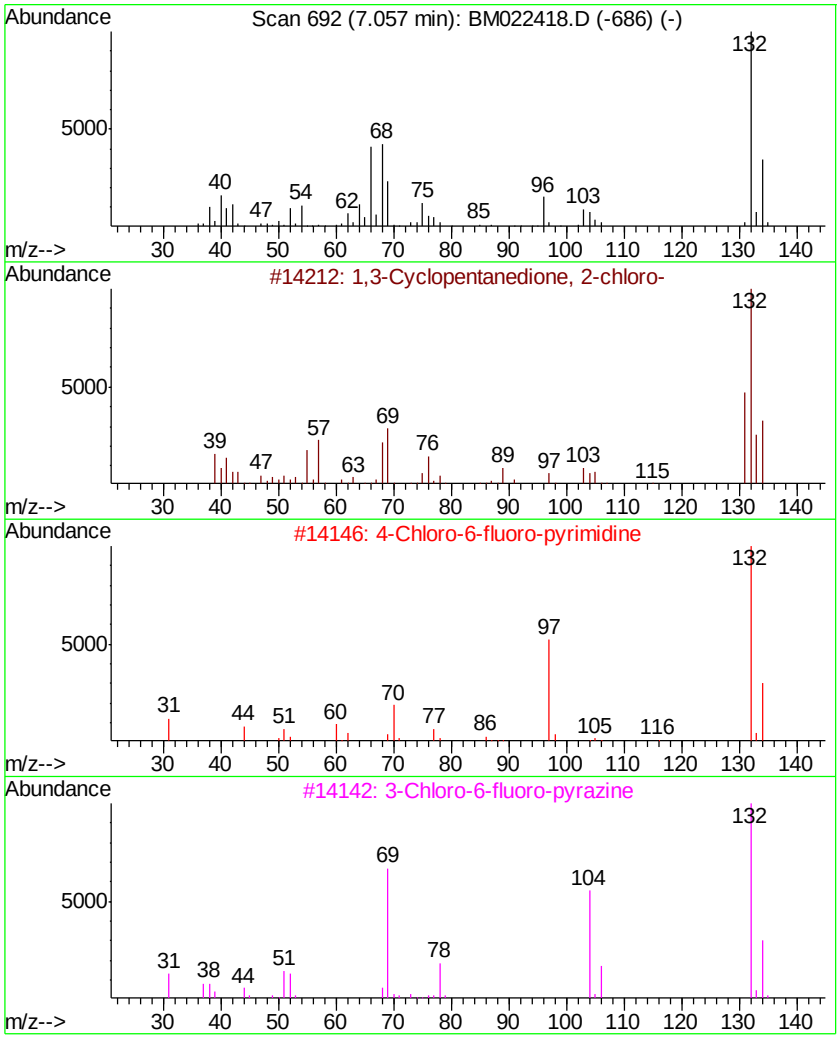
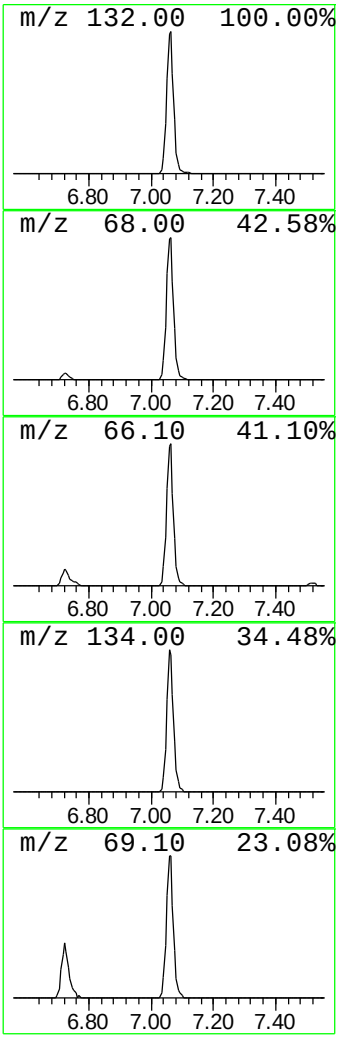
Peak Number 1 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	102.46 ng	583009	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14





Library Search Compound Report

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Data File : BM022418.D
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Misc :
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Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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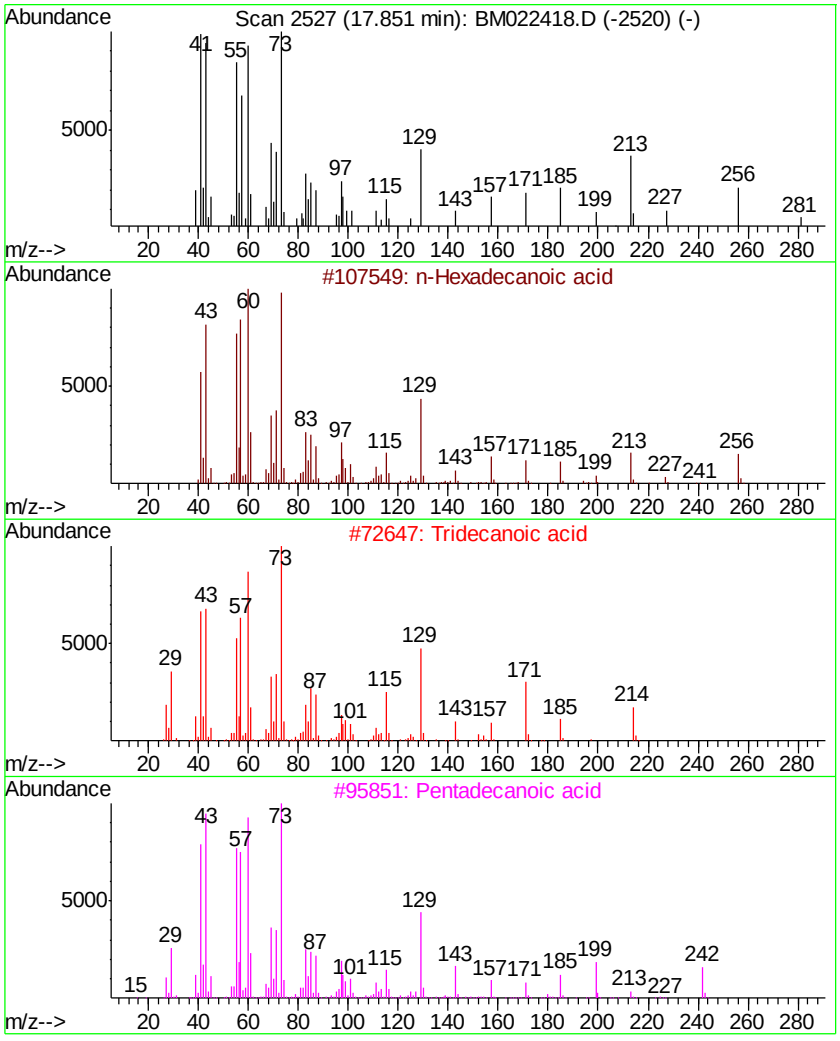
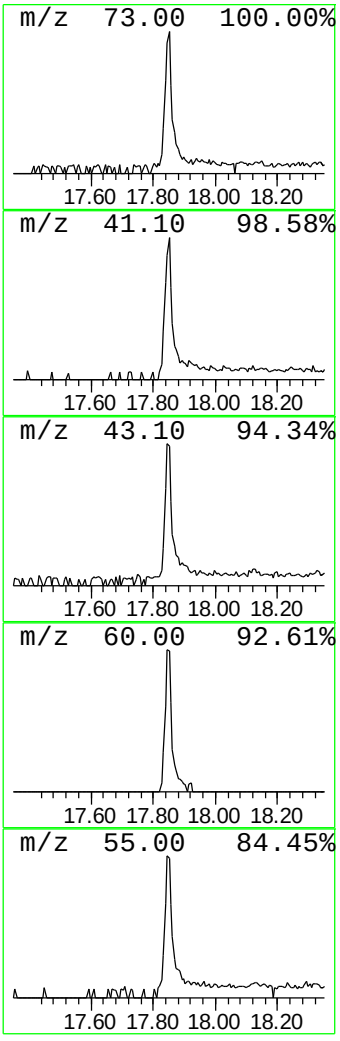
Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	11.43 ng	122028	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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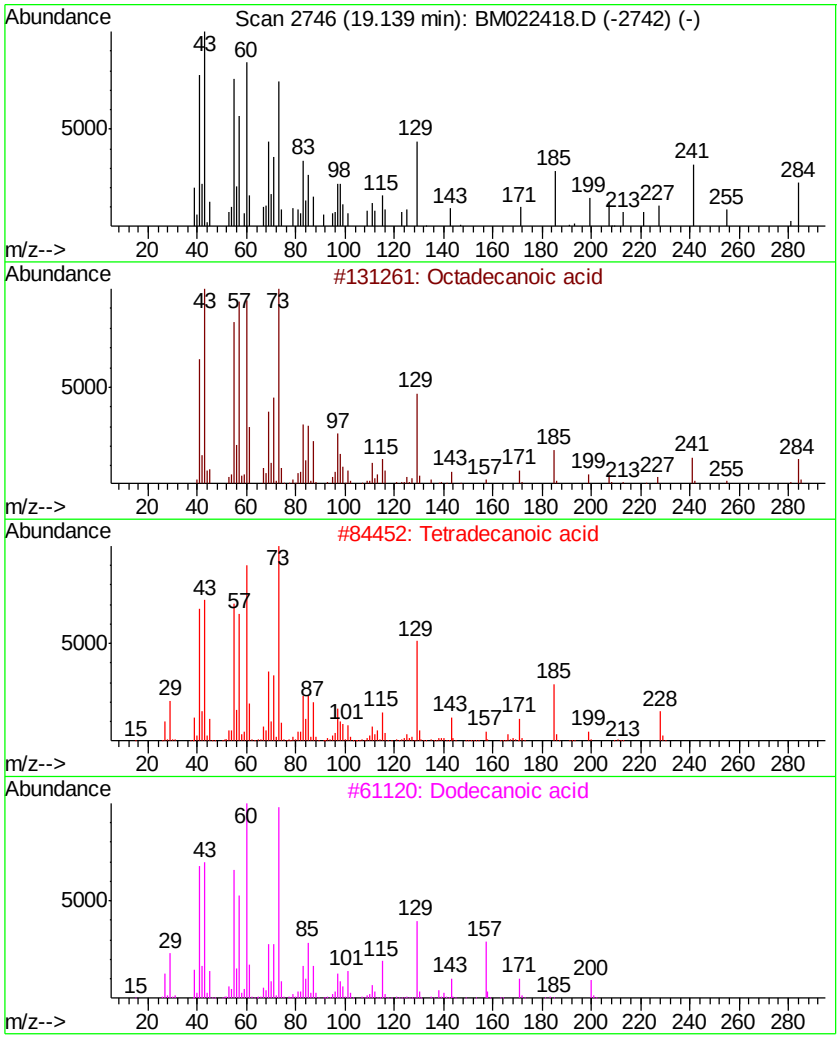
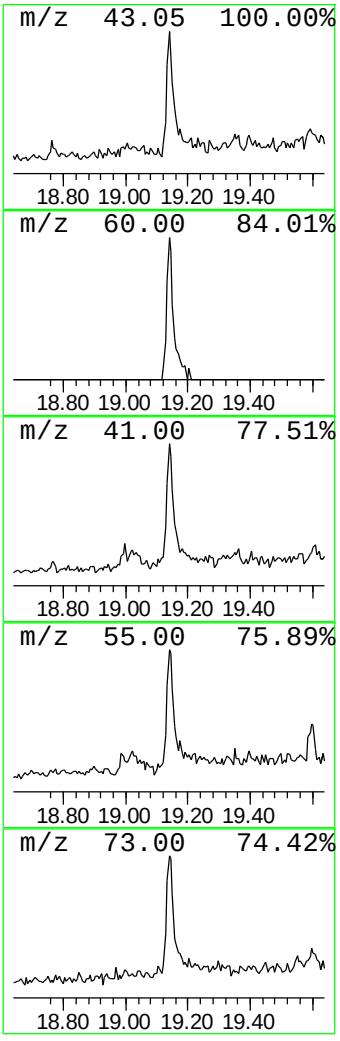
Peak Number 4 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	4.79 ng	89529	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	Dodecanoic acid	200	C12H24O2	000143-07-7	49
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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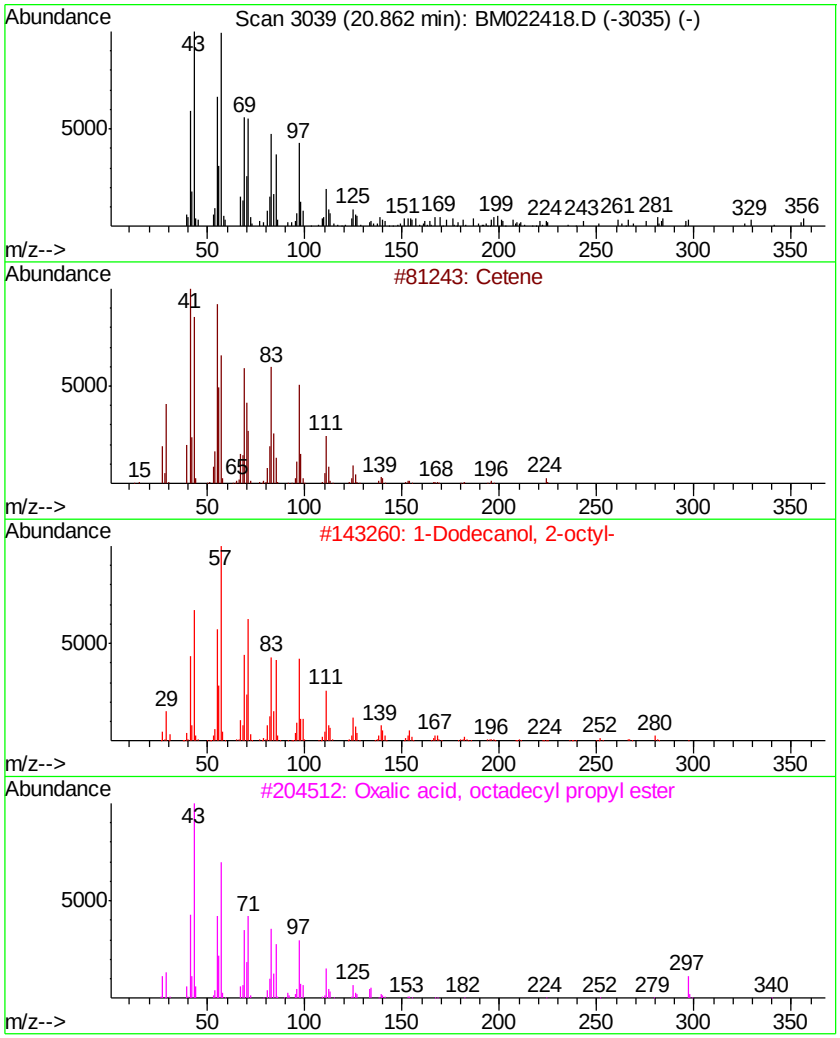
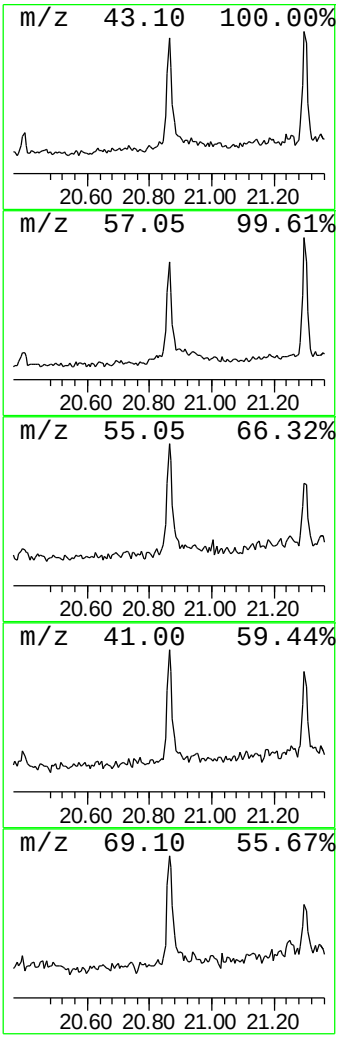
Peak Number 5 Cetene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.73 ng	125909	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	96
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
3	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	87
4	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

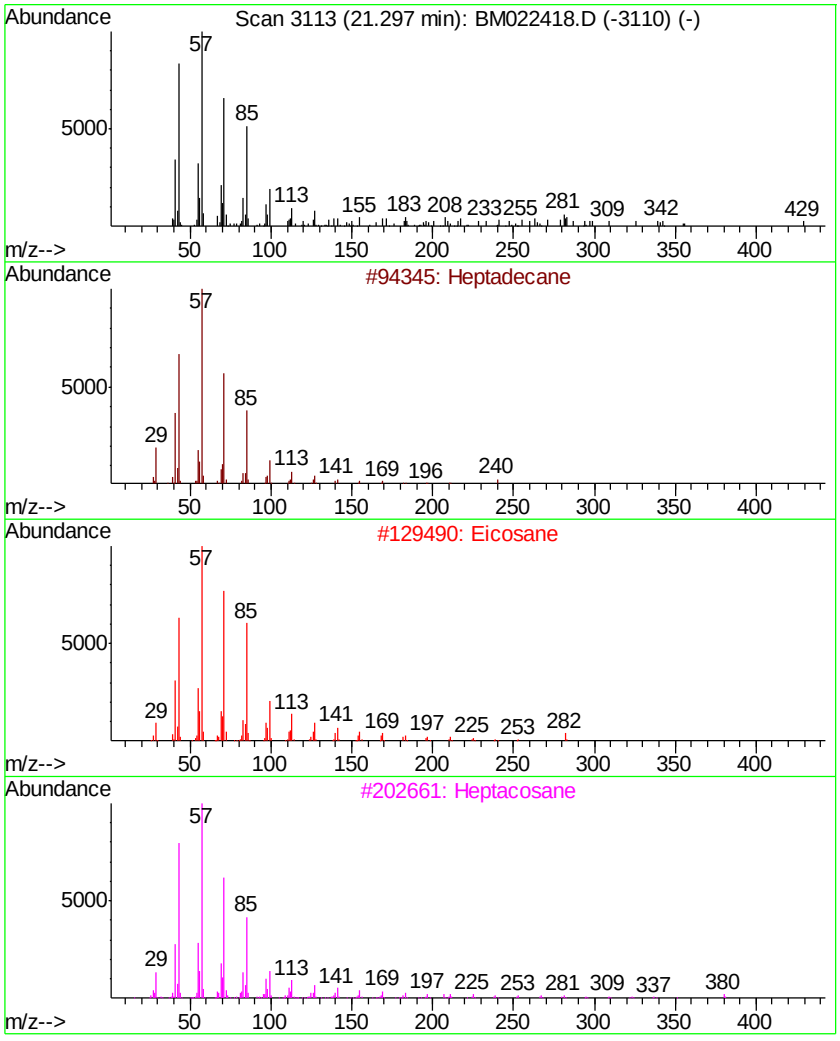
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

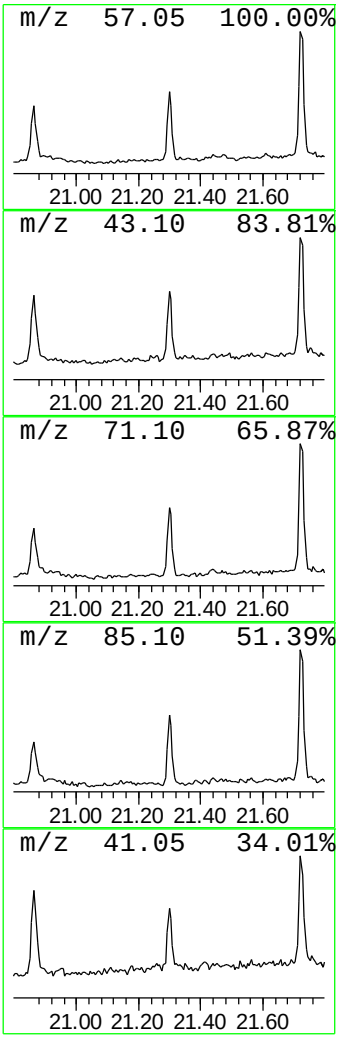
****

Peak Number 6 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	5.87 ng	109754	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Heptacosane	380	C27H56	000593-49-7	83
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
5	Tetracosane	338	C24H50	000646-31-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
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Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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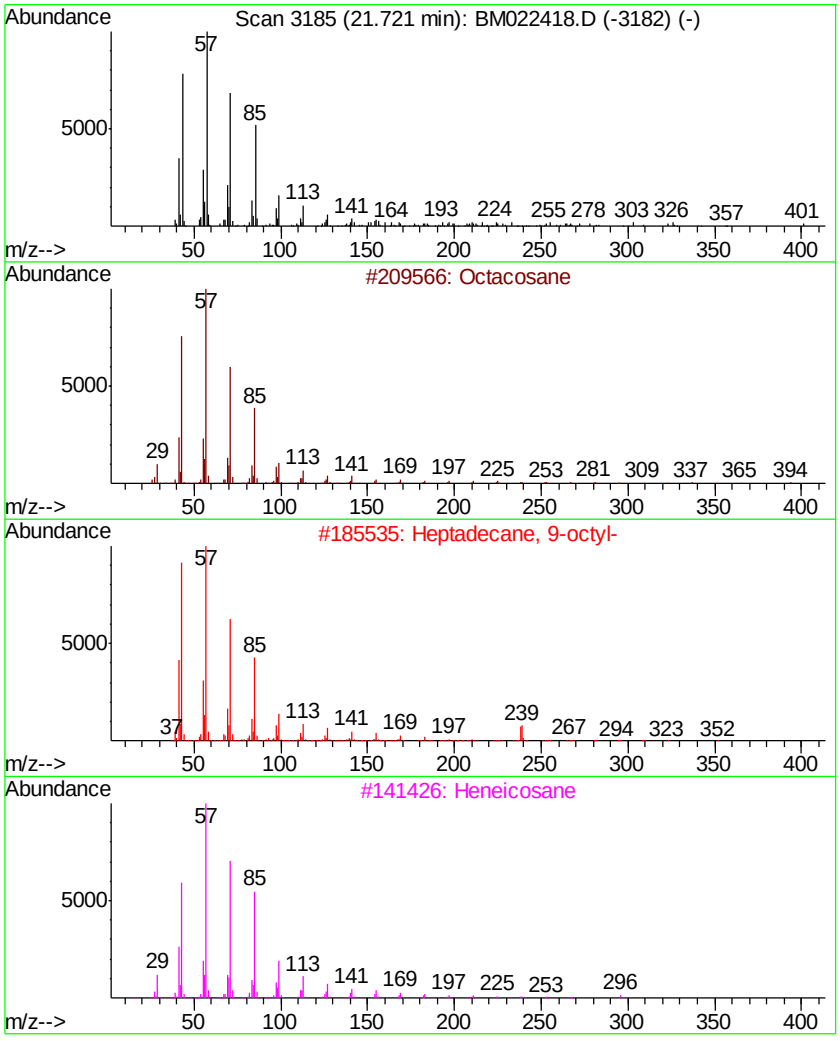
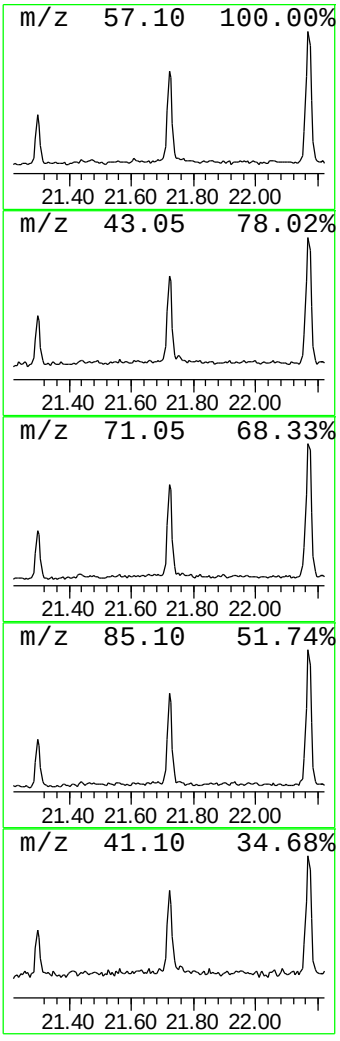
Peak Number 7 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	7.84 ng	146648	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Instrument : BNA_M
ClientSampleId : TP-8-GW

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TIC Library : C:\DATABASE\NIST11.L
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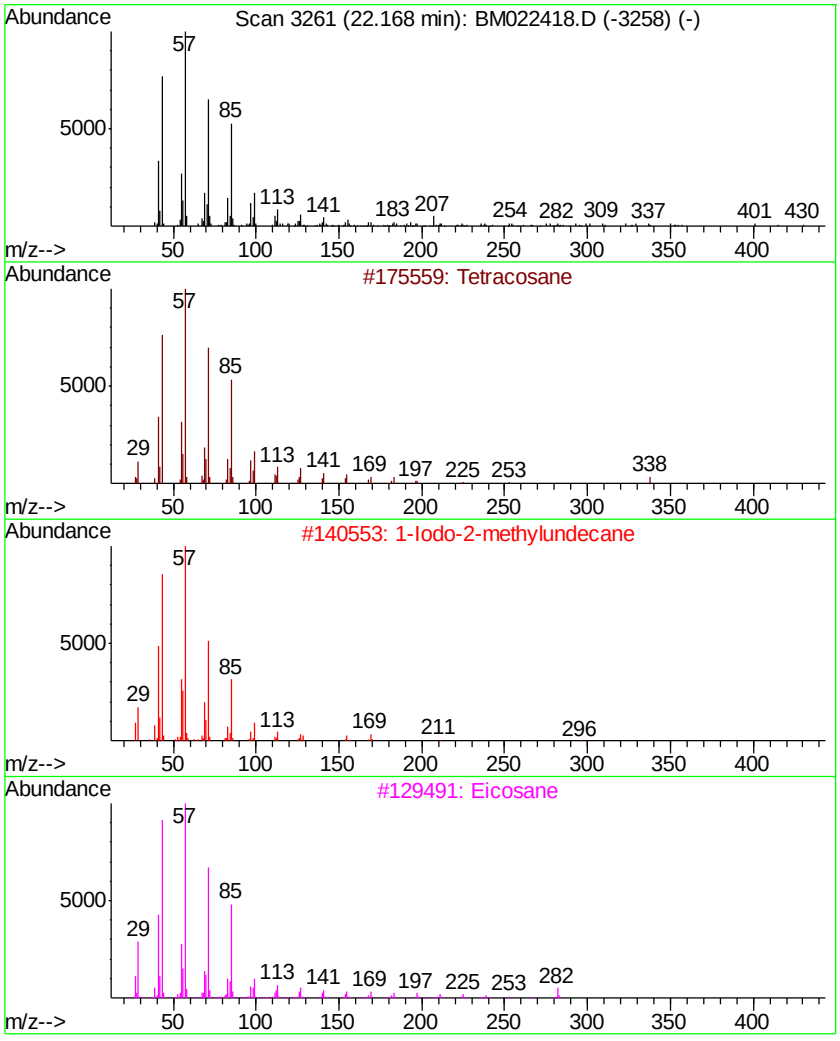
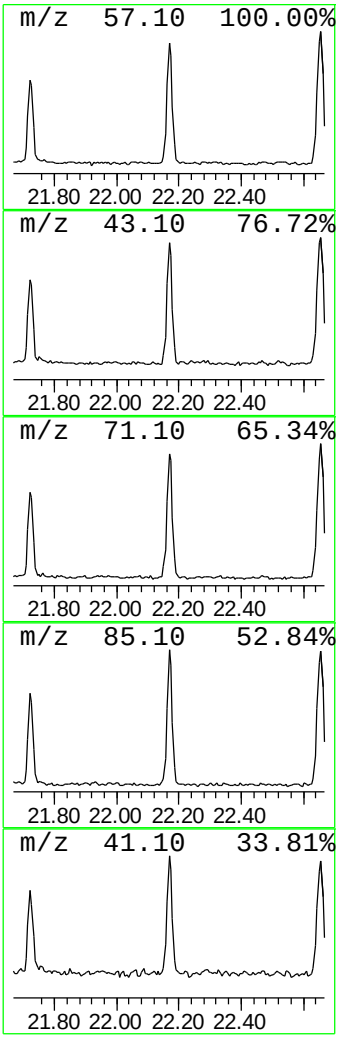
****

Peak Number 8 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	13.63 ng	254878	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Octacosane	394	C28H58	000630-02-4	90





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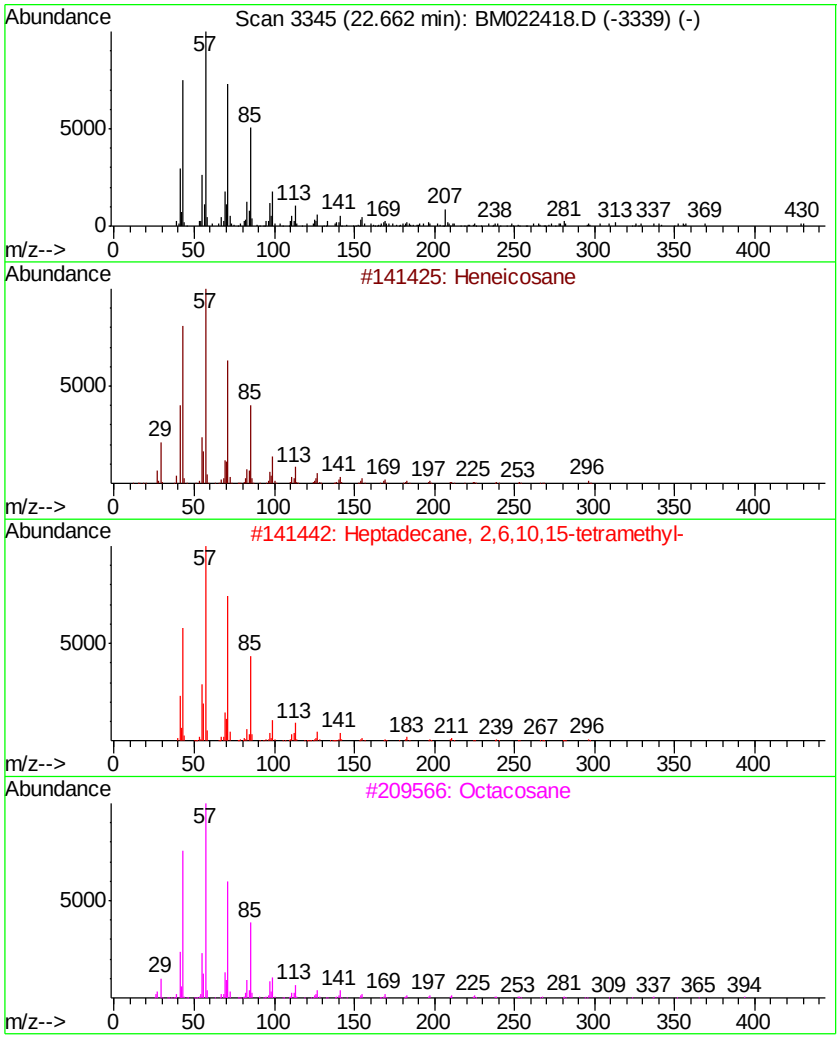
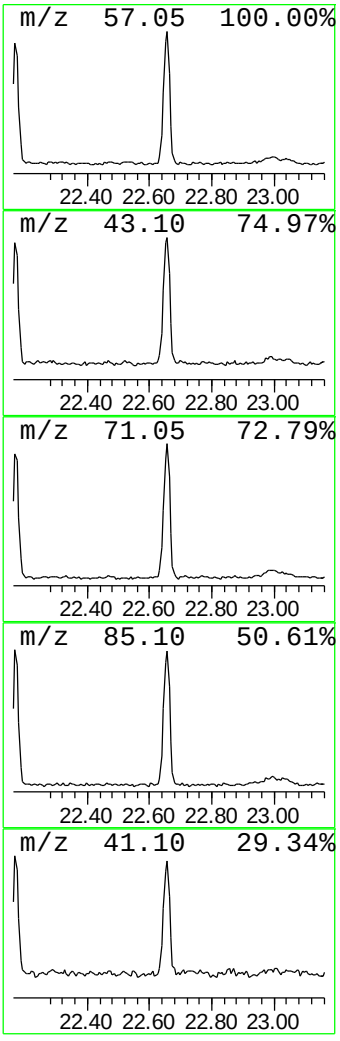
Peak Number 9 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	14.38 ng	307656	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90





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Misc :
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Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

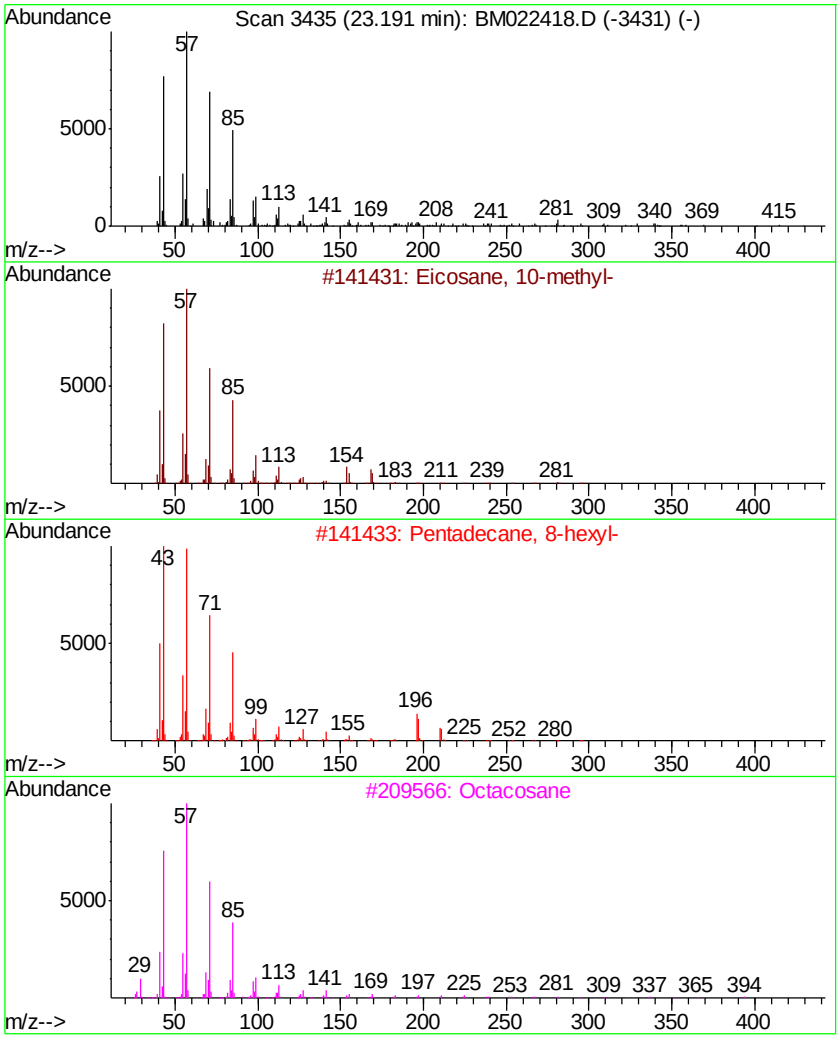
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

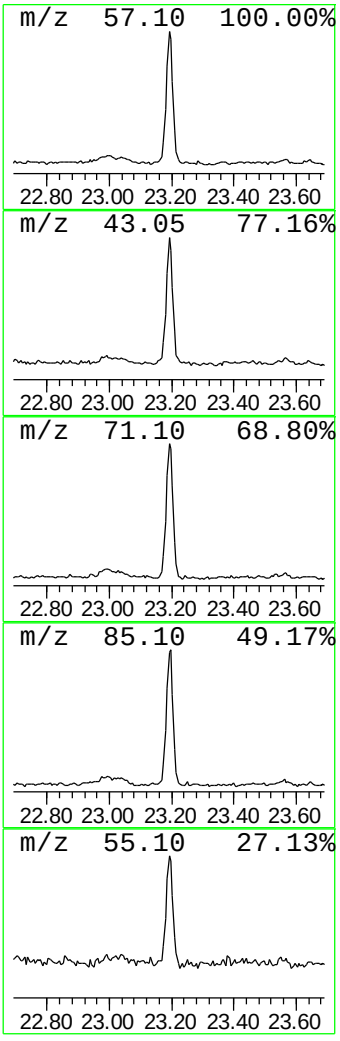
****

Peak Number 10 Eicosane, 10-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	15.35 ng	328414	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	Heneicosane	296	C21H44	000629-94-7	90





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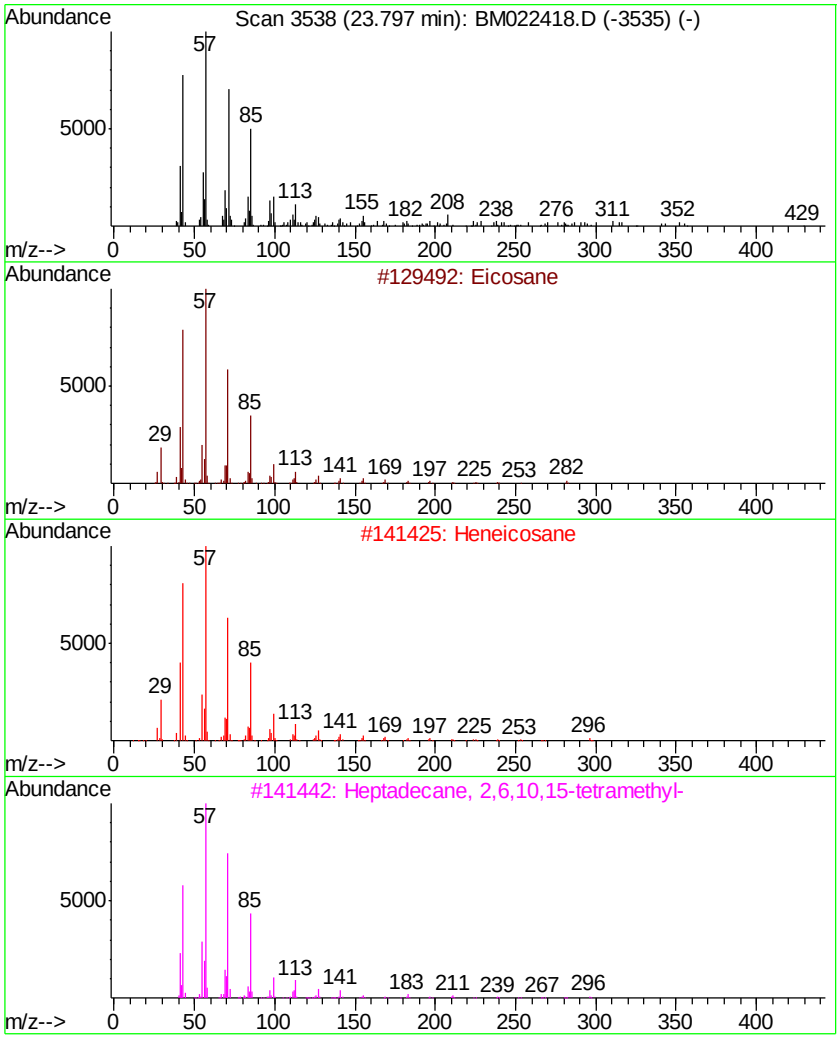
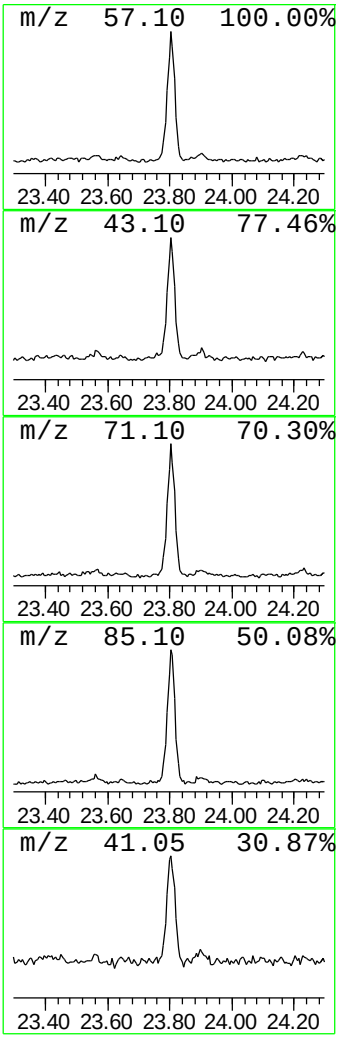
****

Peak Number 11 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	13.45 ng	287662	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

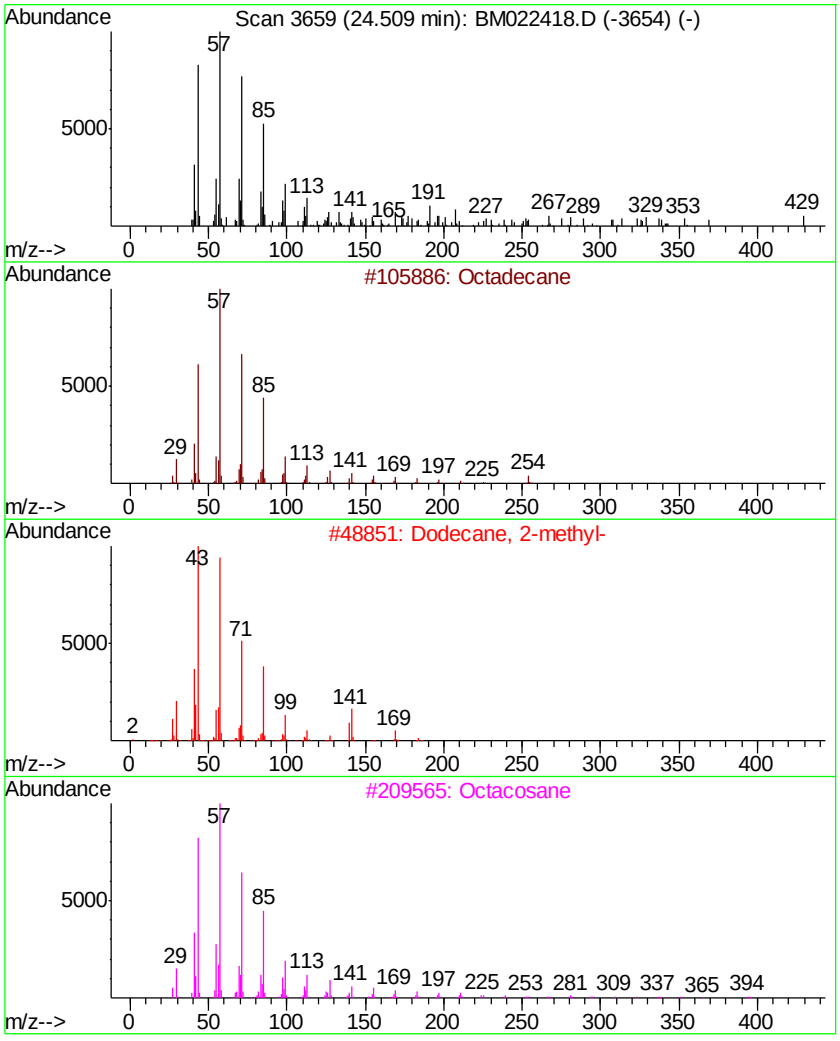
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

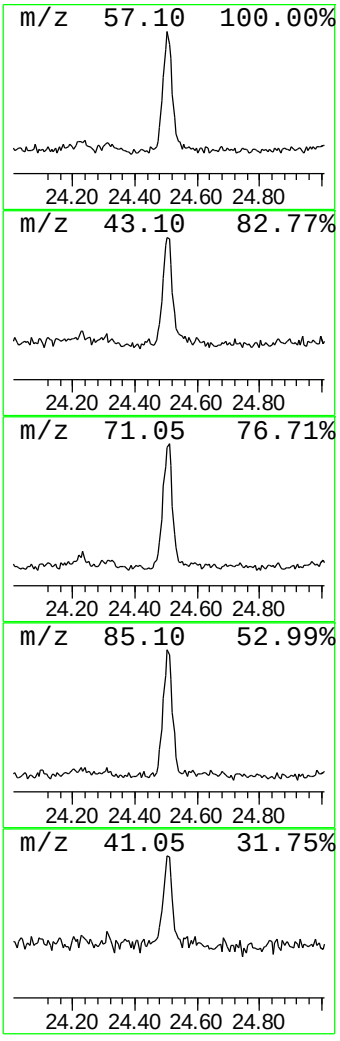
****

Peak Number 12 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	6.94 ng	148379	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
3	Octacosane	394	C28H58	000630-02-4	74
4	Hexacosane	366	C26H54	000630-01-3	74
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082919\
Data File : BM022418.D
Acq On : 29 Aug 2019 21:23
Operator : HP/JU
Sample : K4567-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.06	7.06	102.5	ng	583009	1	7.52	113801	20.0
n-Hexadecanoic acid	17.85	11.4	ng	122028	4	16.96	213433	20.0
Octadecanoic acid	19.14	4.8	ng	89529	5	21.17	374024	20.0
Cetene	20.86	6.7	ng	125909	5	21.17	374024	20.0
Heptadecane	21.30	5.9	ng	109754	5	21.17	374024	20.0
Octacosane	21.72	7.8	ng	146648	5	21.17	374024	20.0
Tetracosane	22.17	13.6	ng	254878	5	21.17	374024	20.0
Heneicosane	22.66	14.4	ng	307656	6	23.36	427784	20.0
Eicosane, 10-methyl-	23.19	15.4	ng	328414	6	23.36	427784	20.0
Eicosane	23.80	13.4	ng	287662	6	23.36	427784	20.0
Octadecane	24.51	6.9	ng	148379	6	23.36	427784	20.0