LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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	5.275	365	372	386	rBV	3067582	4554254	88.95%	8.635%
2	6.851	633	640	656	rBV	2947609	4755820	92.89%	9.018%
3	7.210	693	701	711	rBV	3127697	4945798	96.60%	9.378%
4	7.675	773	780	790	rBV	823578	1296079	25.31%	2.458%
5	7.987	826	833	845	rBV	2219821	3591370	70.15%	6.810%
6	8.839	970	978	994	rBV	1592541	2761429	53.94%	5.236%
7	10.457	1246	1253	1266	rBV	919512	1601483	31.28%	3.037%
8	12.939	1668	1675	1690	rBV	3178936	4791215	93.58%	9.085%
9	13.792	1813	1820	1831	rBV	149020	235149	4.59%	0.446%
10	14.327	1904	1911	1919	rBV2	1176382	1856817	36.27%	3.521%
11	15.821	2159	2165	2187	rBV	2364273	3685761	71.99%	6.989%
12	17.080	2373	2379	2384	rBV	1384743	1987789	38.82%	3.769%
13	17.121	2384	2386	2396	rVB	162472	224963	4.39%	0.427%
14	17.962	2522	2529	2534	rBV2	146923	237620	4.64%	0.451%
15	19.145	2722	2730	2735	rBV	246832	371889	7.26%	0.705%
16	19.256	2745	2749	2752	rBV3	39929	56878	1.11%	0.108%
17	19.480	2783	2787	2789	rBV2	59923	86744	1.69%	0.164%
18	19.509	2789	2792	2799	rVB	208344	285436	5.58%	0.541%
19	19.715	2821	2827	2841	rVB	4292982	5119882	100.00%	9.708%
20	20.009	2875	2877	2883	rVB3	53962	67315	1.31%	0.128%
21	20.456	2949	2953	2959	rBV	127020	202501	3.96%	0.384%
22	20.509	2959	2962	2967	rVB2	48423	61911	1.21%	0.117%
23	20.974	3037	3041	3052	rBV2	397162	534541	10.44%	1.014%
24	21.180	3073	3076	3082	rVB	138208	153342	3.00%	0.291%
25	21.274	3087	3092	3097	rBV	1898849	2571271	50.22%	4.875%
26	21.415	3112	3116	3122	rBV	359298	391408	7.64%	0.742%
27	21.844	3185	3189	3192	rBV	532364	620969	12.13%	1.177%
28	22.303	3263	3267	3272	rBV	632483	794438	15.52%	1.506%
29	22.809	3349	3353	3357	rBV	598709	818953	16.00%	1.553%
30	23.374	3445	3449	3454	rVB	451839	658690	12.87%	1.249%
31	23.521	3468	3474	3487	rVB	1414764	2728886	53.30%	5.174%
32	24.015	3554	3558	3568	rVB	364490	688444	13.45%	1.305%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

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

Sum of corrected areas: 52739045

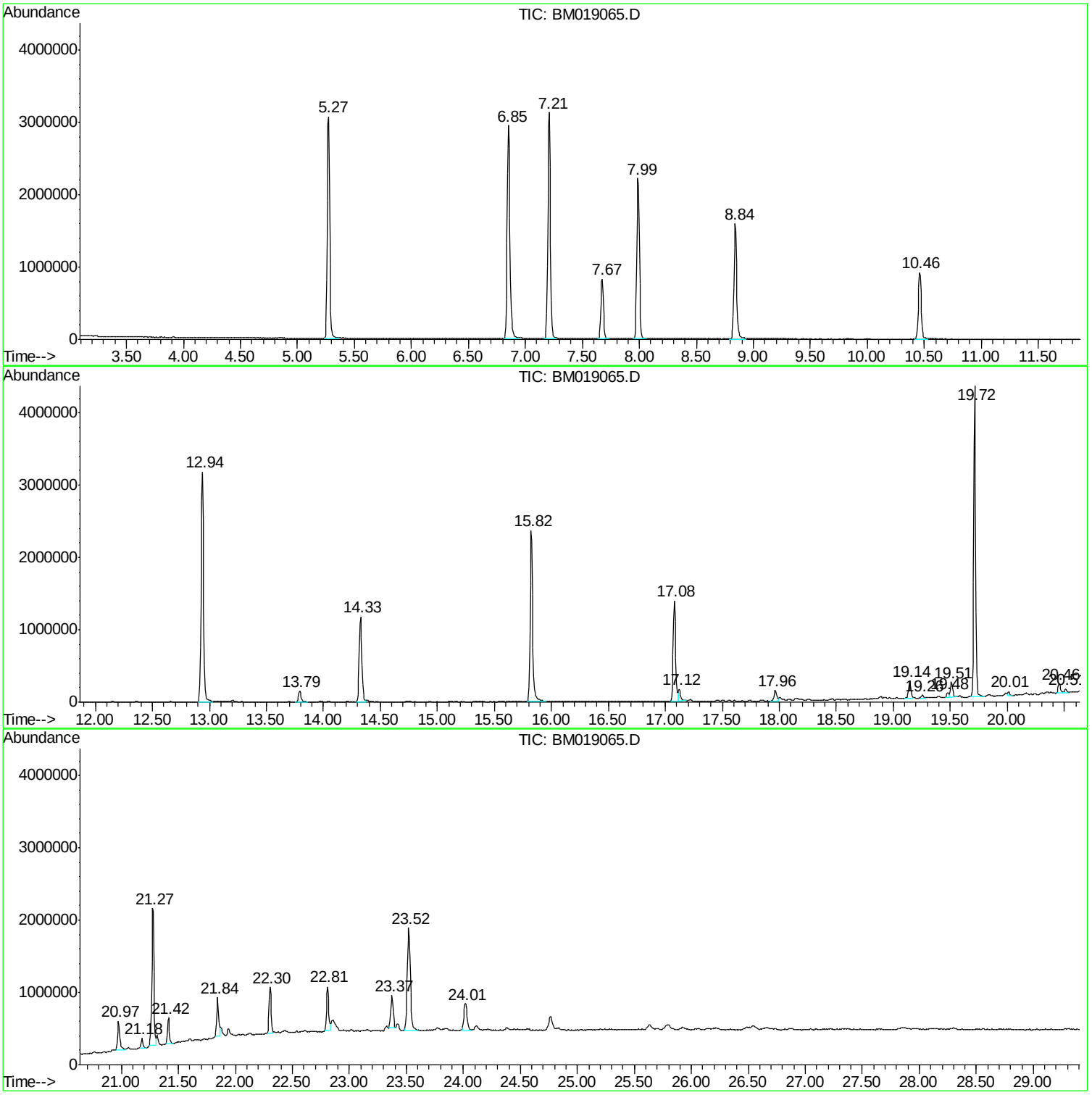
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

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\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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

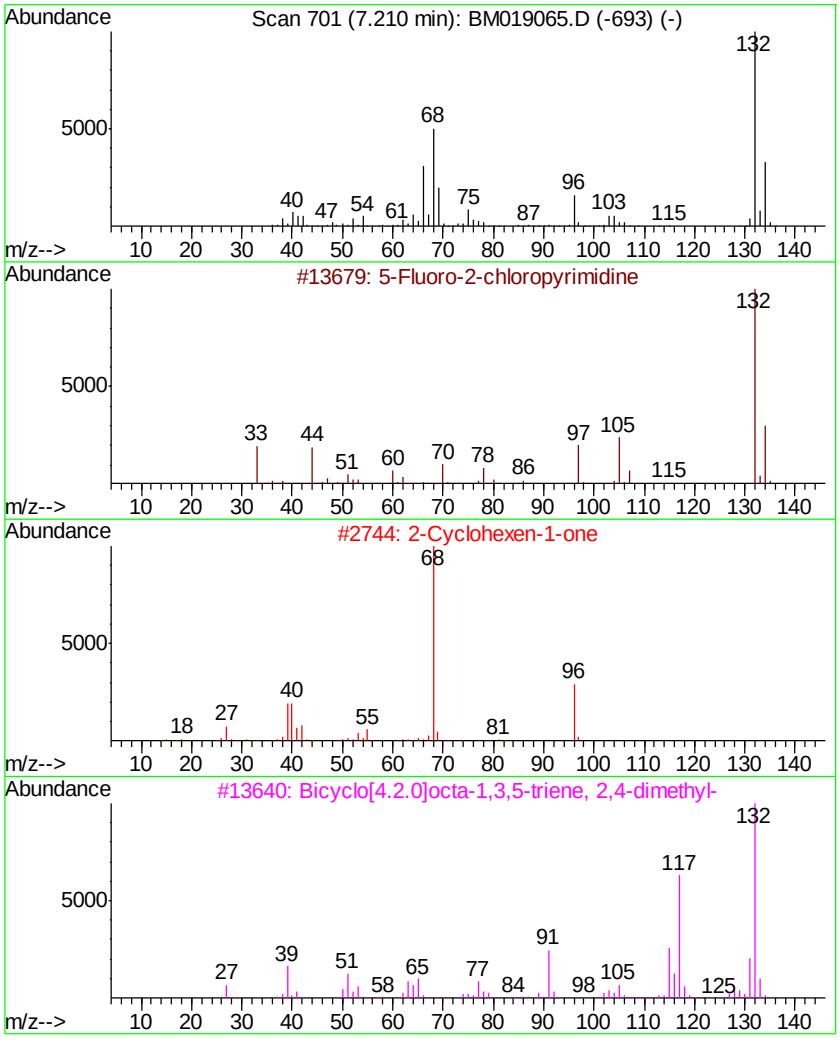
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

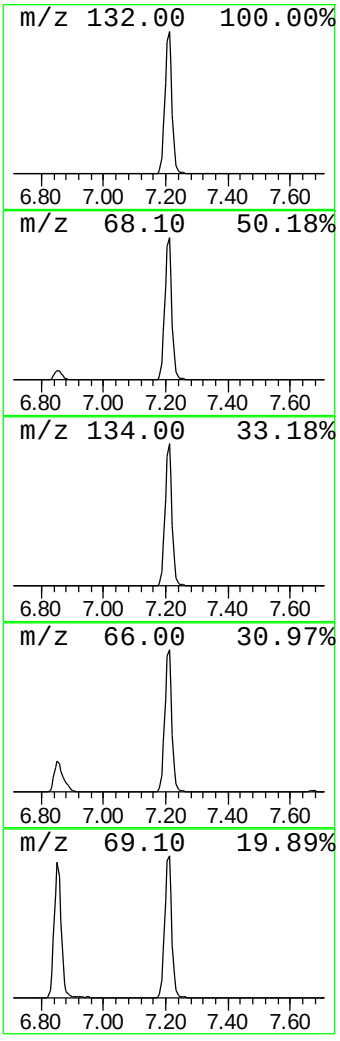
****

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	76.32 ng	4945800	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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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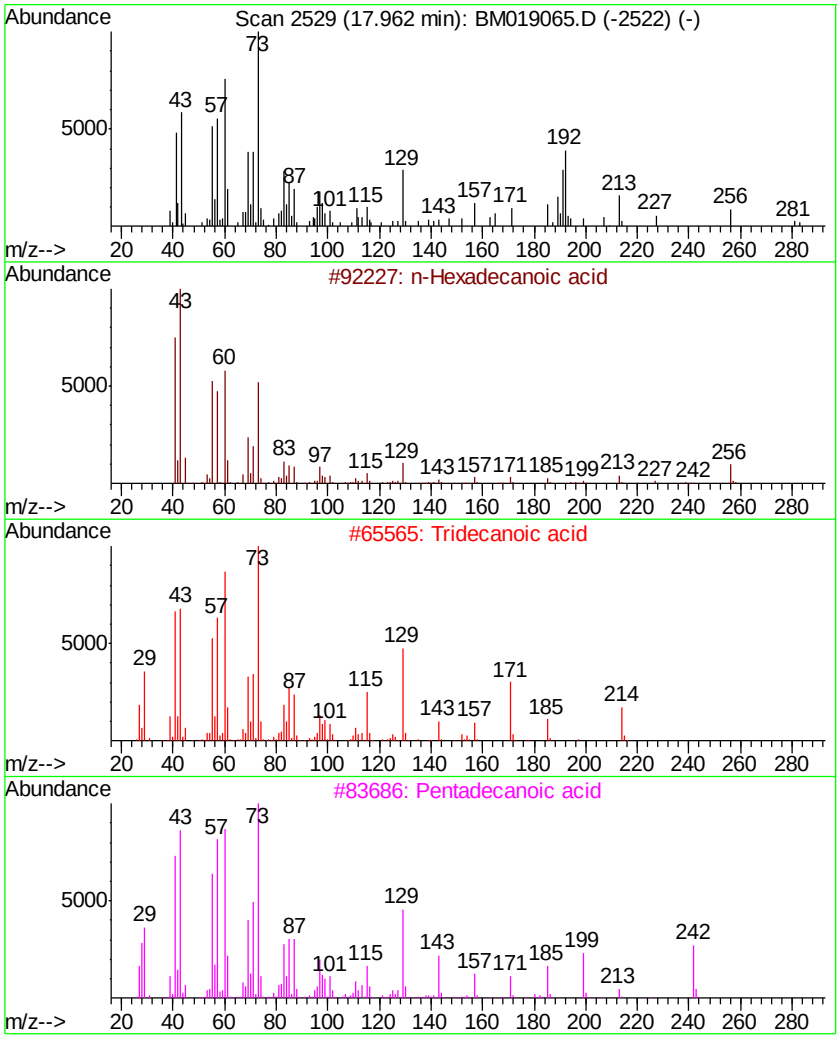
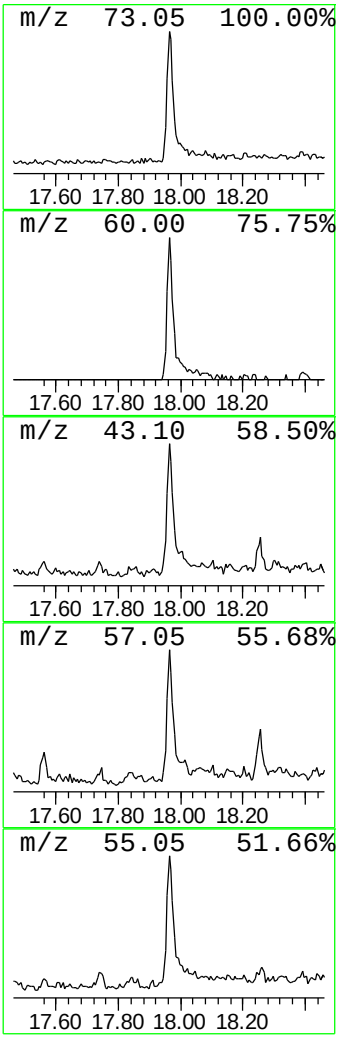
Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.39 ng	237620	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tetradecane	198	C14H30	000629-59-4	11
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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

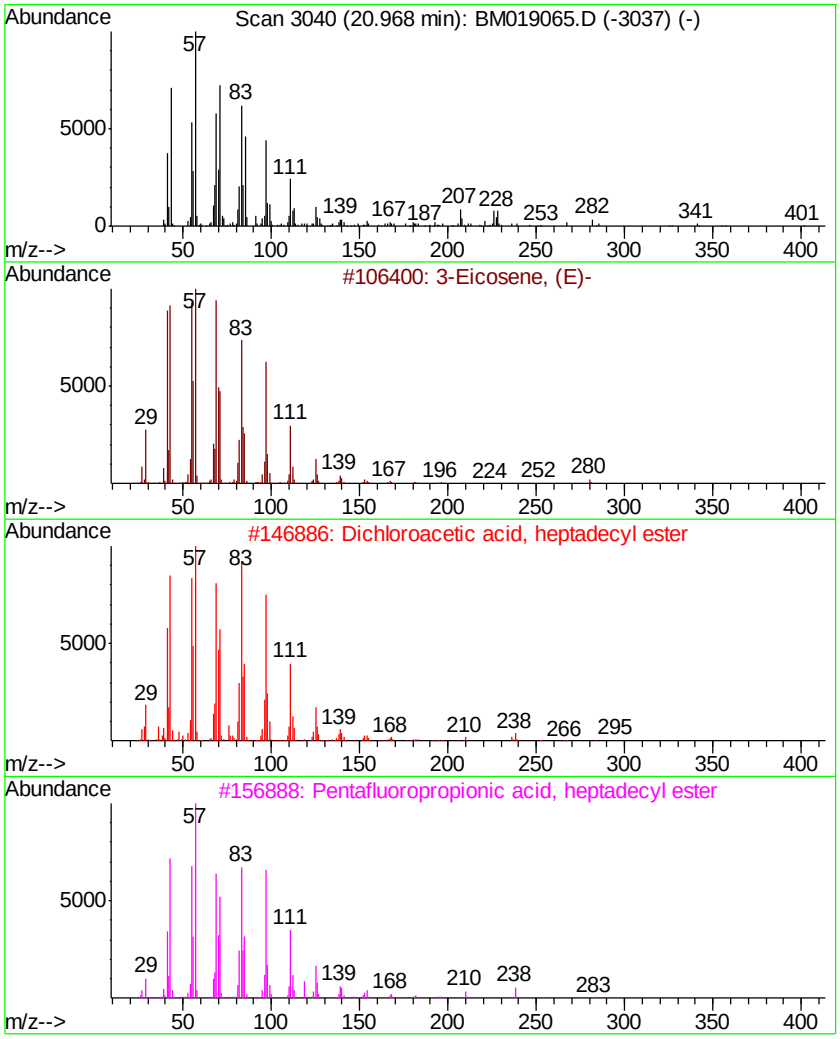
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

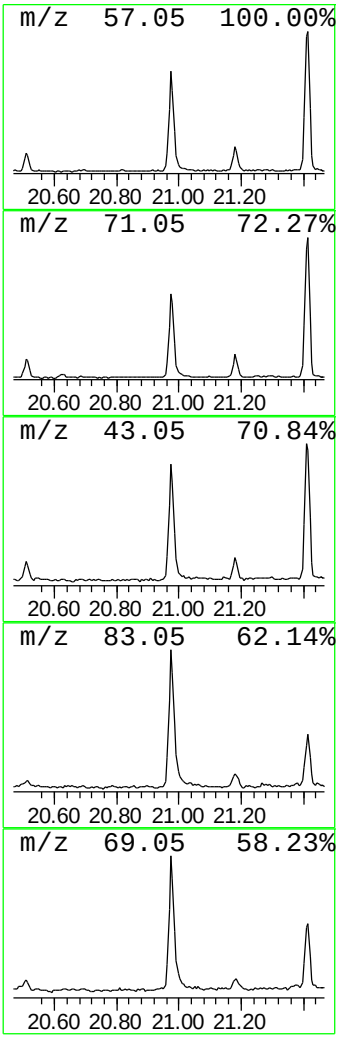
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.16 ng	534541	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	64
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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

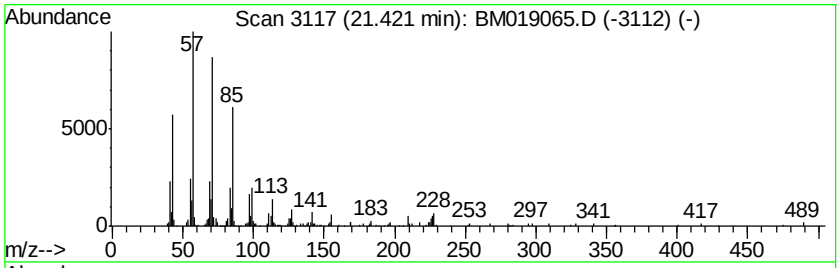
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

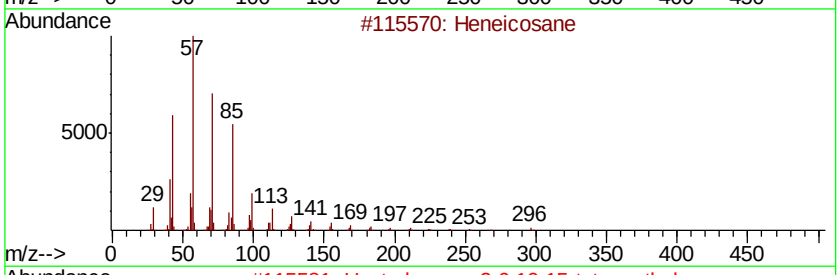
****

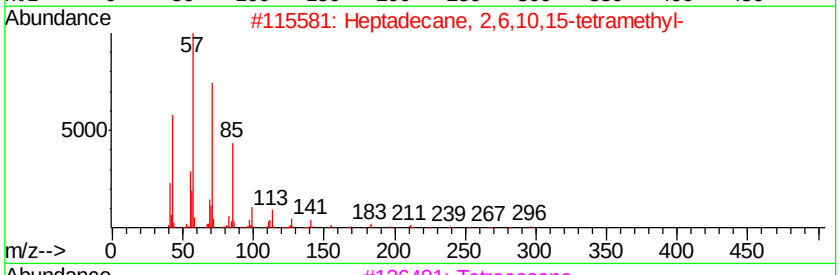
Peak Number 5 Heneicosane Concentration Rank 9

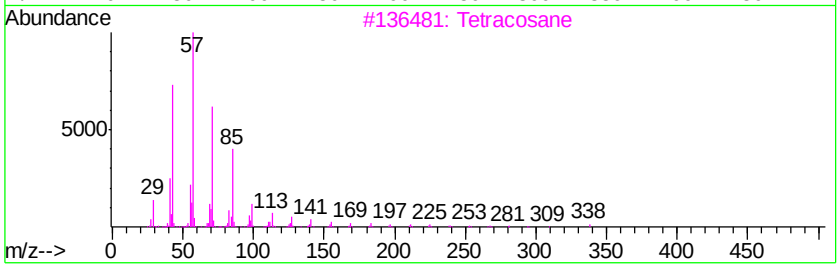
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.04 ng	391408	Chrysene-d12	21.28

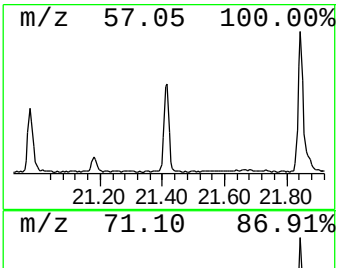
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86

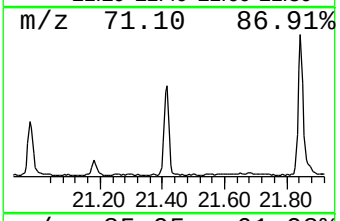


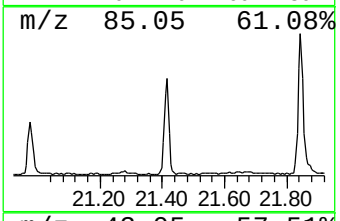


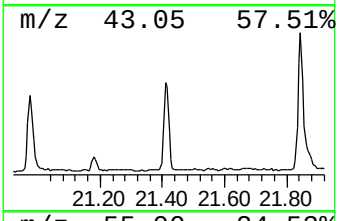


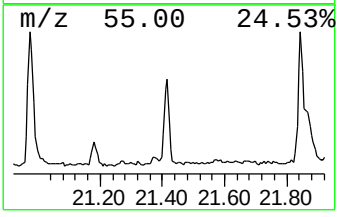












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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

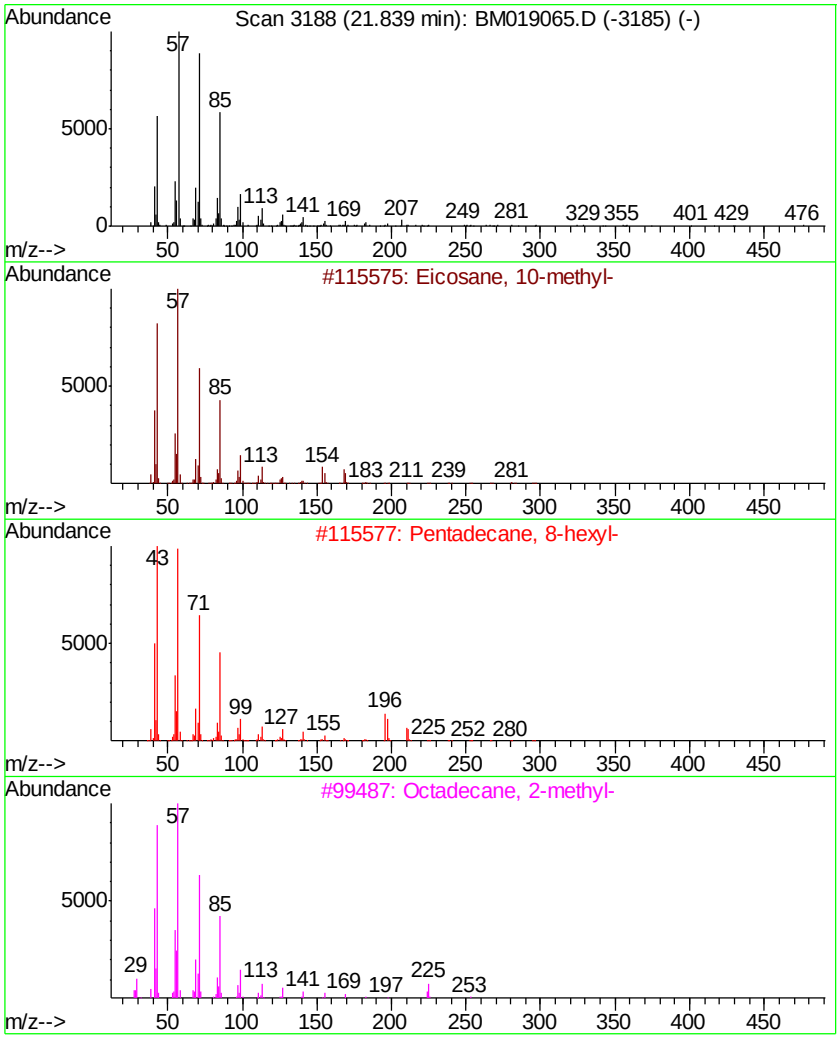
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

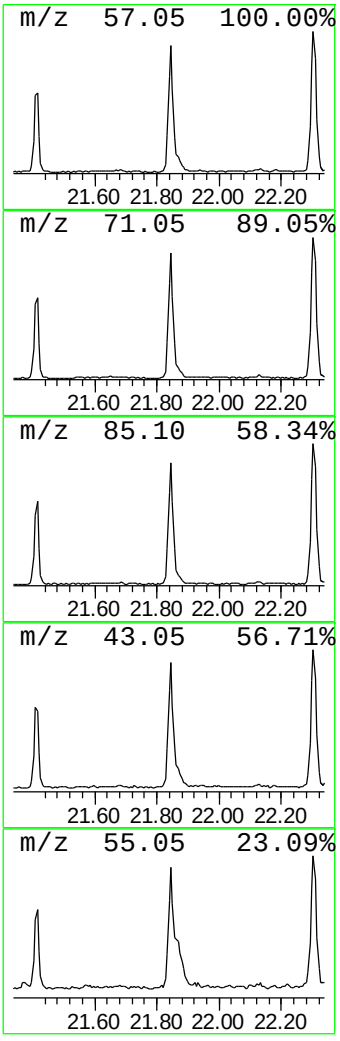
****

Peak Number 6 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	4.83 ng	620969	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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

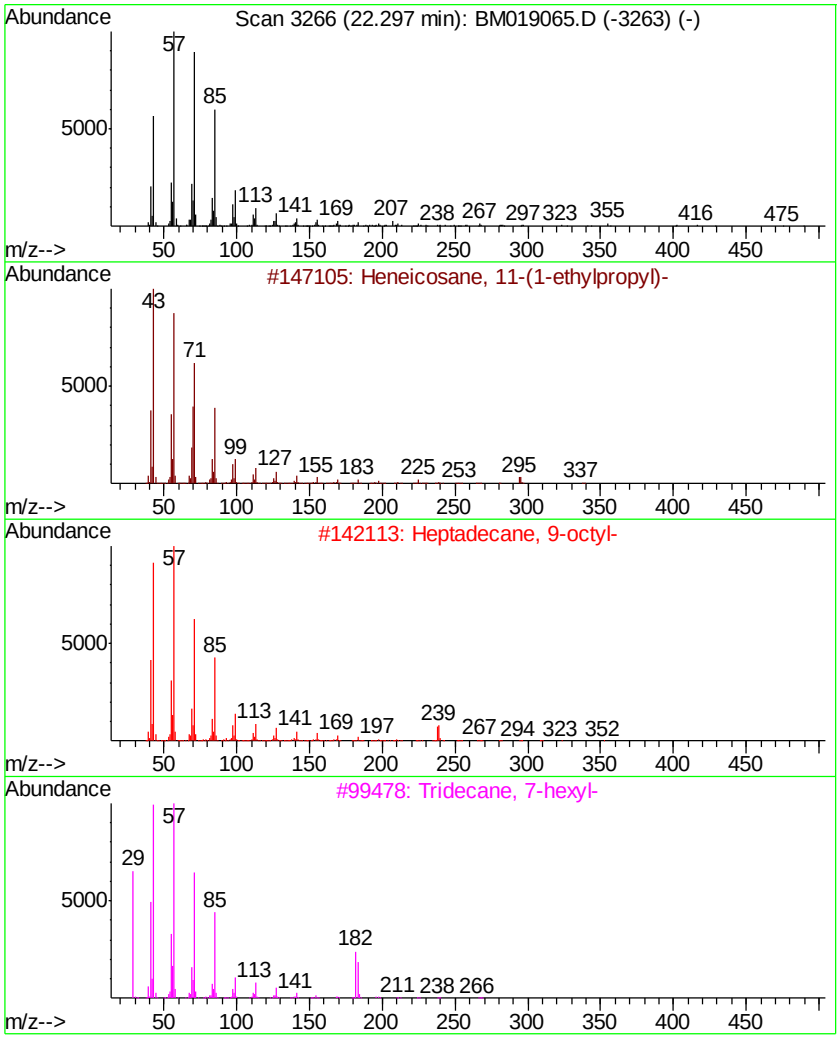
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

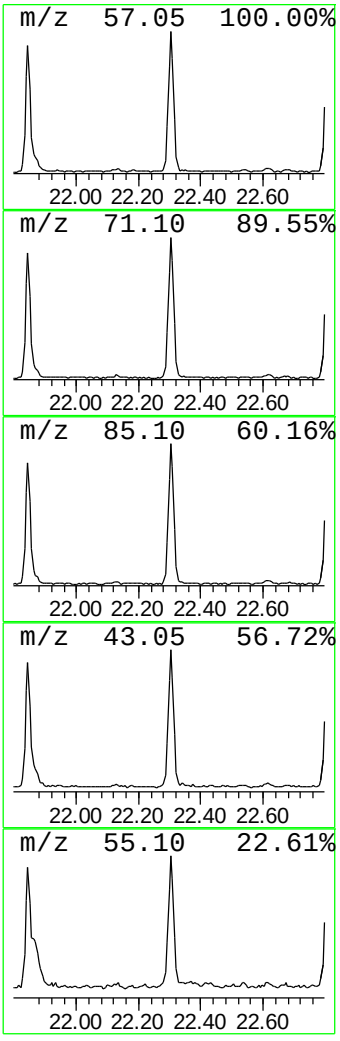
****

Peak Number 7 Heneicosane, 11-(1-ethylpro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	6.18 ng	794438	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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

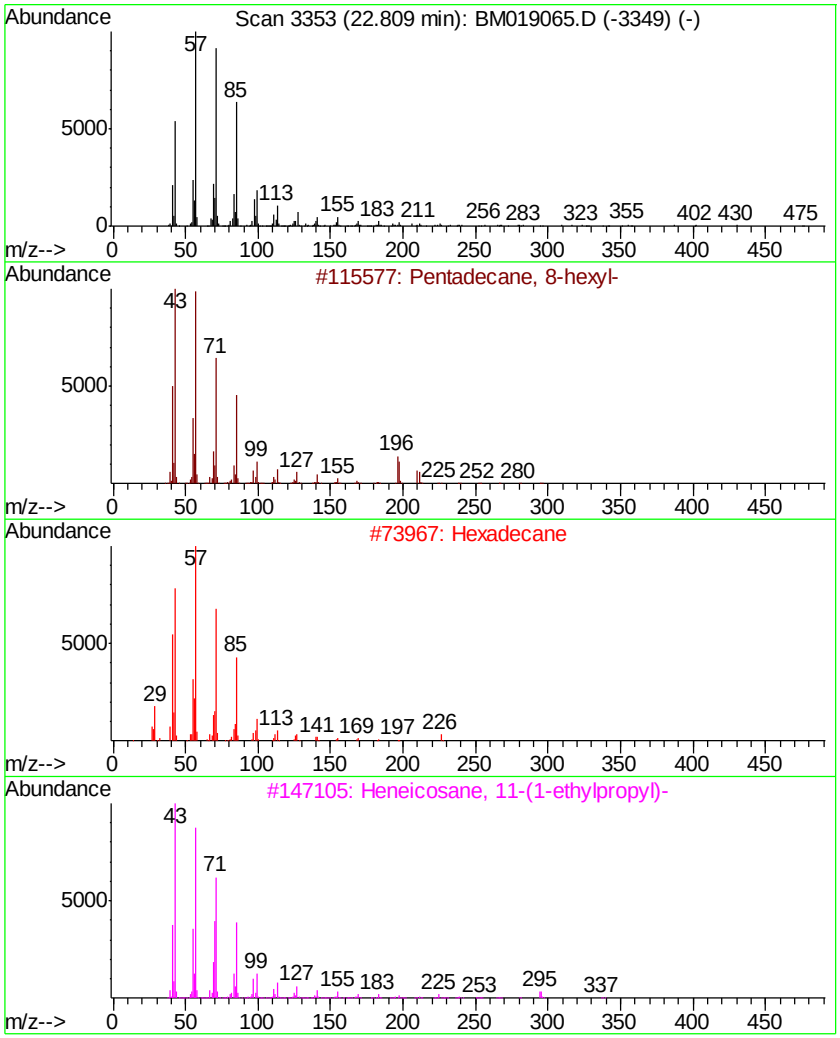
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

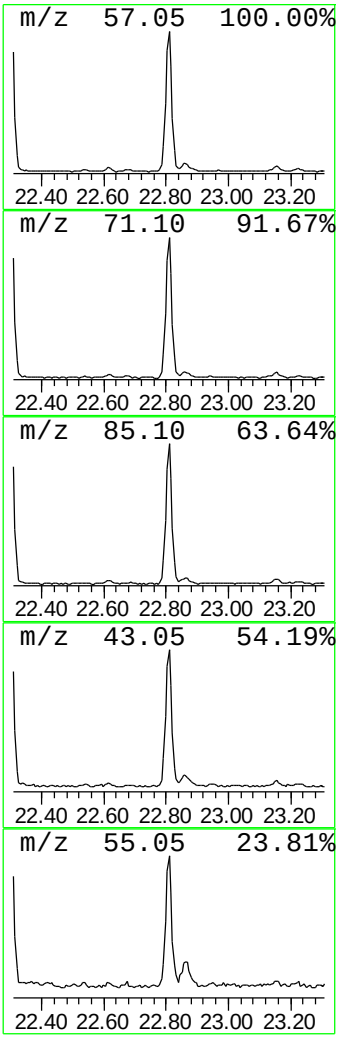
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	6.00 ng	818953	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

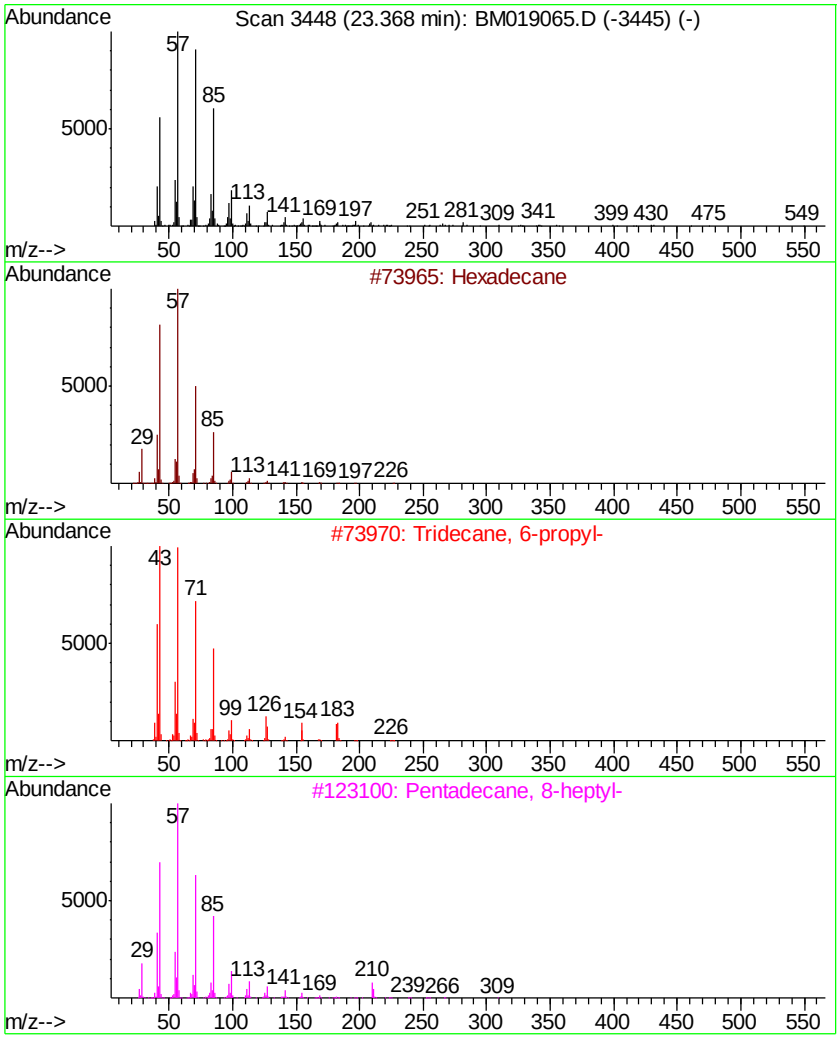
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

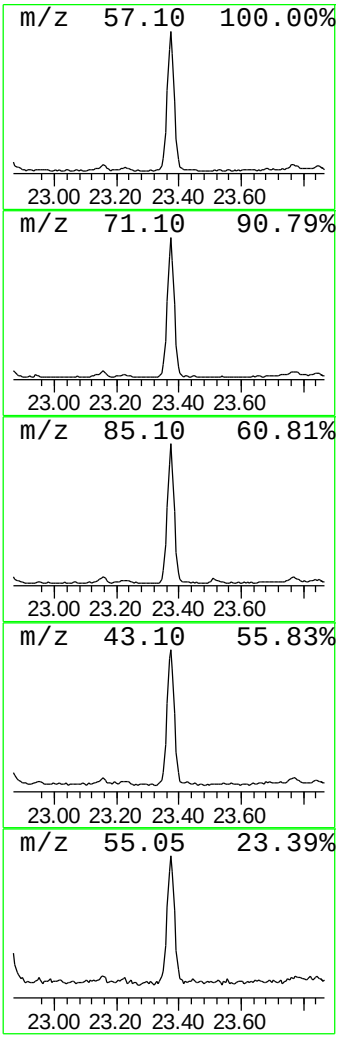
****

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	4.83 ng	658690	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Nonacosane	408	C29H60	000630-03-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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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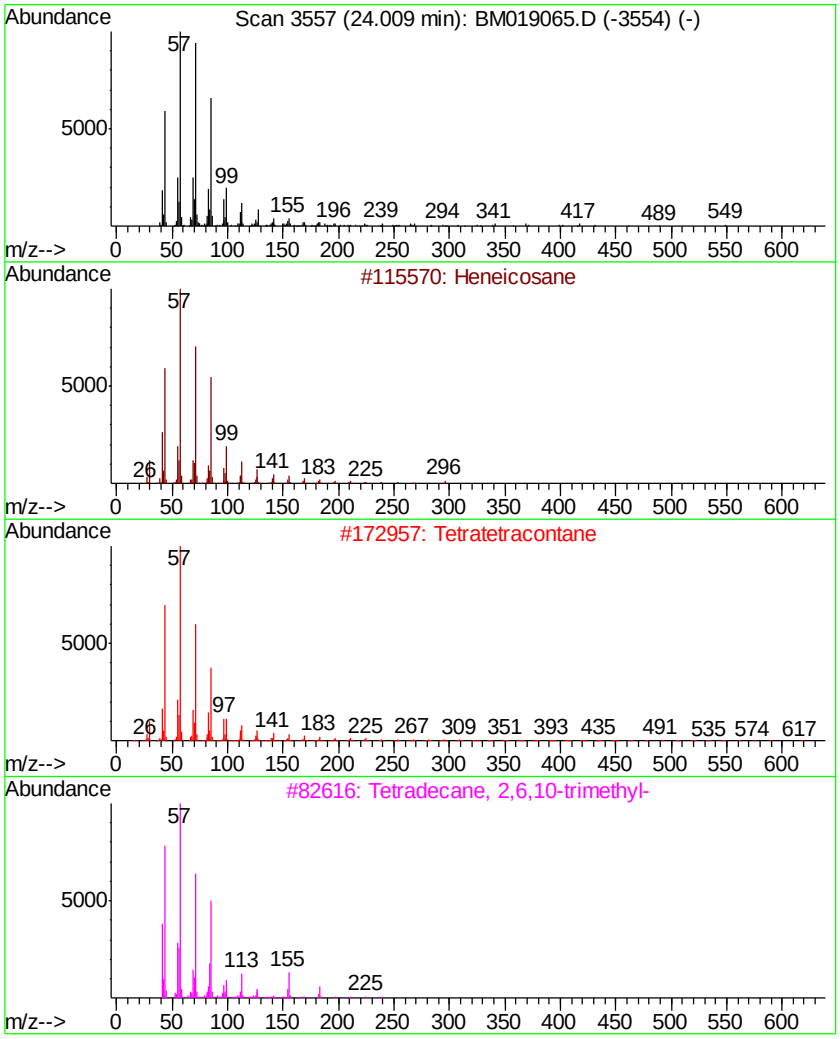
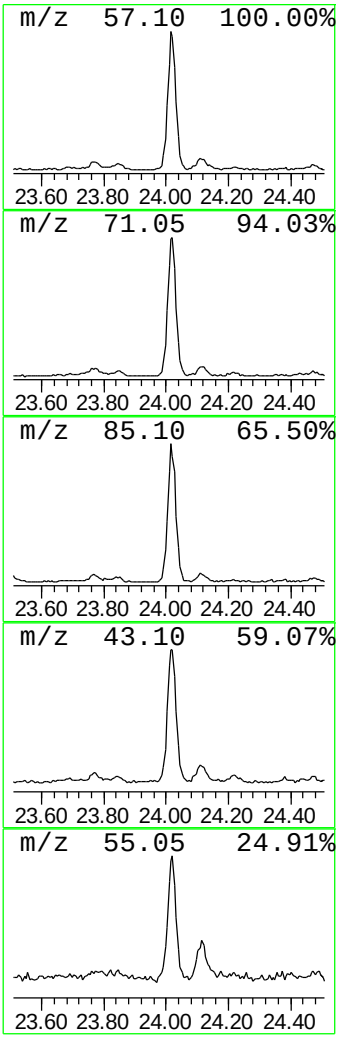
Peak Number 10 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	5.05 ng	688444	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-B104-022719

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
unknown7.21	7.21	76.3	ng	4945800	1	7.67	1296080	20.0
n-Hexadecanoic acid	17.96	2.4	ng	237620	4	17.08	1987790	20.0
3-Eicosene, (E)-	20.97	4.2	ng	534541	5	21.28	2571270	20.0
Heneicosane	21.42	3.0	ng	391408	5	21.28	2571270	20.0
Eicosane, 10-methyl-	21.84	4.8	ng	620969	5	21.28	2571270	20.0
Heneicosane, 11-(...	22.30	6.2	ng	794438	5	21.28	2571270	20.0
Pentadecane, 8-he...	22.81	6.0	ng	818953	6	23.52	2728890	20.0
Hexadecane	23.37	4.8	ng	658690	6	23.52	2728890	20.0
Tetratetracontane	24.01	5.0	ng	688444	6	23.52	2728890	20.0