LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019966.D
Acq On : 18 Apr 2019 22:45
Operator : JU/SJ
Sample : K2461-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-02

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	5.128	358	364	387	rBV	848838	1440127	26.25%	4.990%
2	6.710	627	633	650	rBV	473746	967083	17.63%	3.351%
3	7.045	684	690	709	rBV	1570394	2573175	46.91%	8.915%
4	7.510	762	769	779	rBV	339894	541634	9.87%	1.877%
5	7.822	814	822	834	rBV	1307682	2090488	38.11%	7.243%
6	8.686	962	969	987	rBV	833474	1662191	30.30%	5.759%
7	10.292	1234	1242	1260	rBV	340095	673800	12.28%	2.335%
8	12.780	1659	1665	1684	rBV	2423807	3802970	69.33%	13.176%
9	14.180	1897	1903	1918	rVB2	523242	862446	15.72%	2.988%
10	15.692	2153	2160	2177	rBV	1878965	3049955	55.60%	10.567%
11	16.945	2367	2373	2390	rBV2	615434	1001986	18.27%	3.472%
12	17.839	2519	2525	2536	rBV	231570	407434	7.43%	1.412%
13	19.127	2740	2744	2752	rBV	155286	246329	4.49%	0.853%
14	19.592	2817	2823	2837	rBV	4615393	5485349	100.00%	19.005%
15	19.933	2877	2881	2890	rBV7	48892	65579	1.20%	0.227%
16	20.856	3034	3038	3046	rBV	237855	312776	5.70%	1.084%
17	21.162	3085	3090	3099	rBV	834022	1149227	20.95%	3.982%
18	21.286	3109	3111	3114	rBV	69729	71314	1.30%	0.247%
19	21.709	3180	3183	3190	rVB	168608	227694	4.15%	0.789%
20	21.874	3208	3211	3215	rBV	161687	172660	3.15%	0.598%
21	22.156	3255	3259	3268	rVB	184833	265074	4.83%	0.918%
22	22.639	3338	3341	3346	rVB	196695	257548	4.70%	0.892%
23	23.180	3429	3433	3438	rVB	185313	266586	4.86%	0.924%
24	23.350	3456	3462	3473	rVB	647204	1269135	23.14%	4.397%

Sum of corrected areas: 28862560

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019966.D
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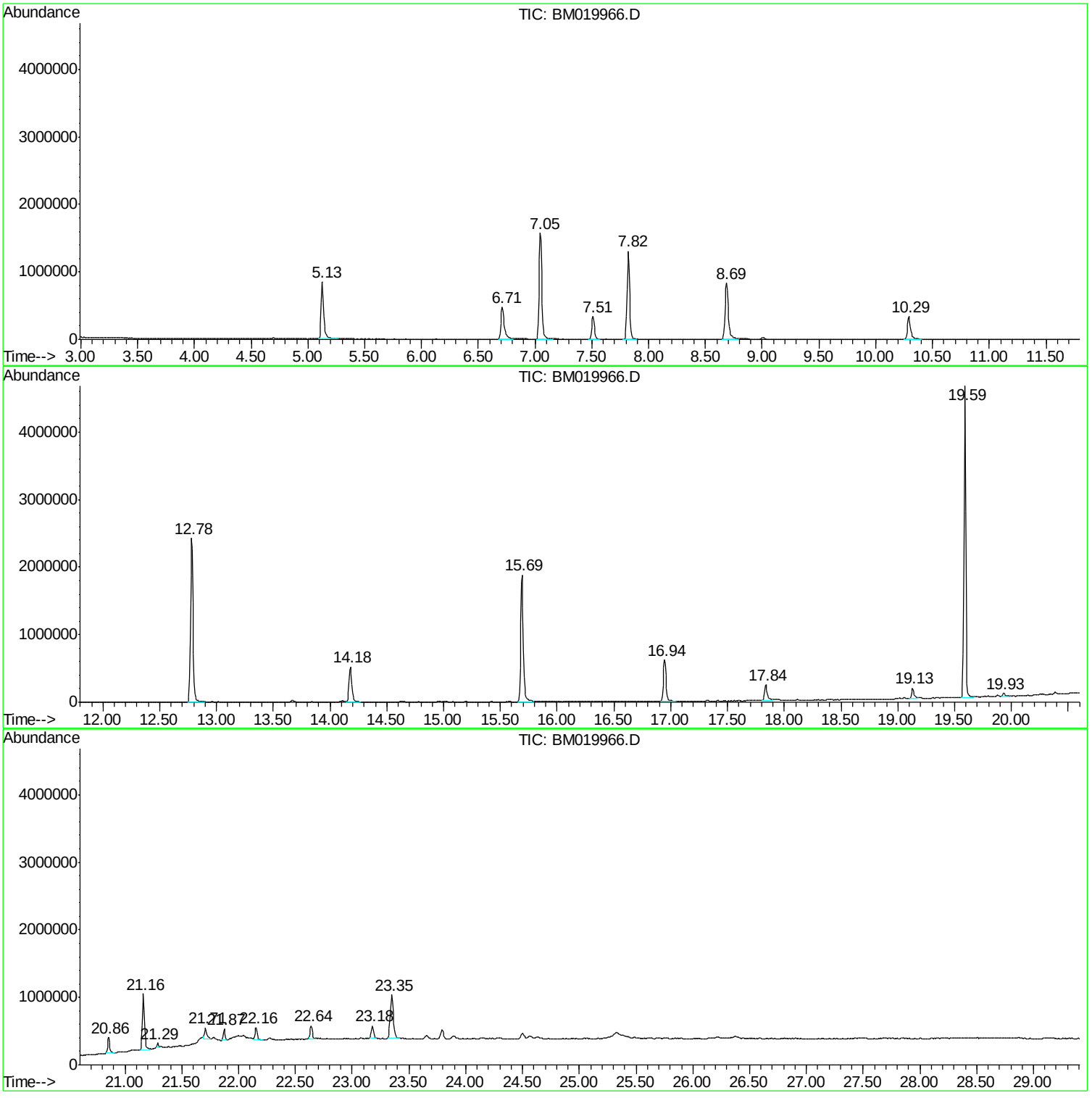
Operator : JU/SJ
Sample : K2461-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-02

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

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Data File : BM019966.D
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Operator : JU/SJ
Sample : K2461-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-02

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

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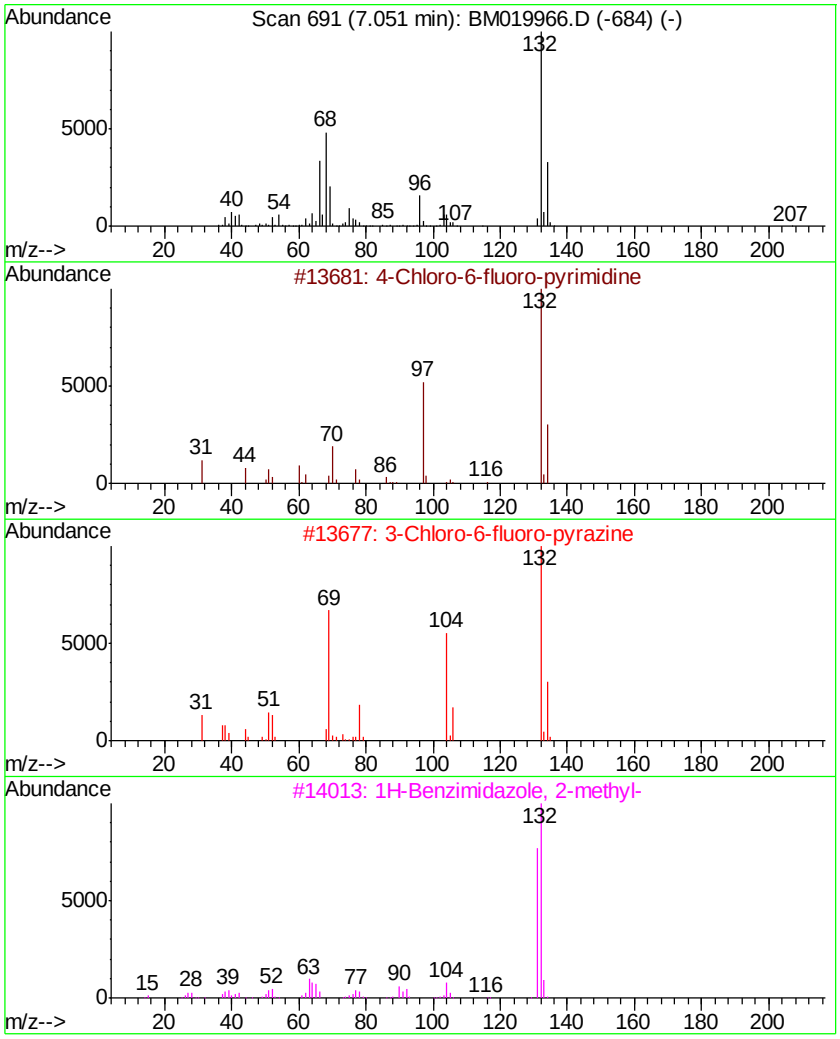
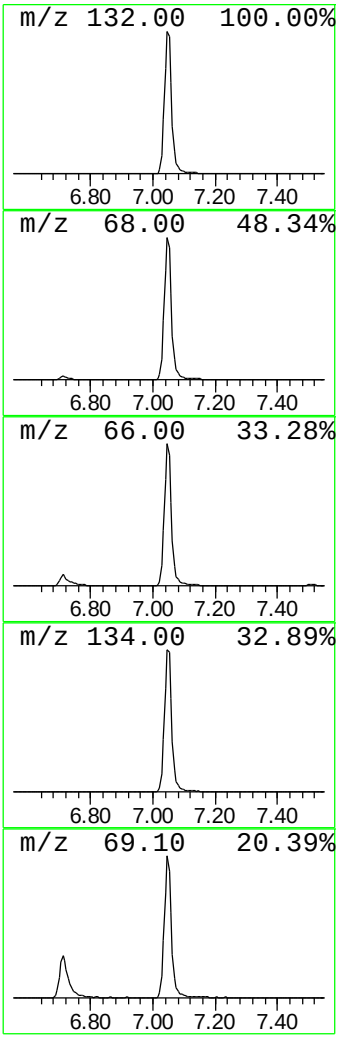
Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	95.02 ng	2573180	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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Data File : BM019966.D
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Operator : JU/SJ
Sample : K2461-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-02

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

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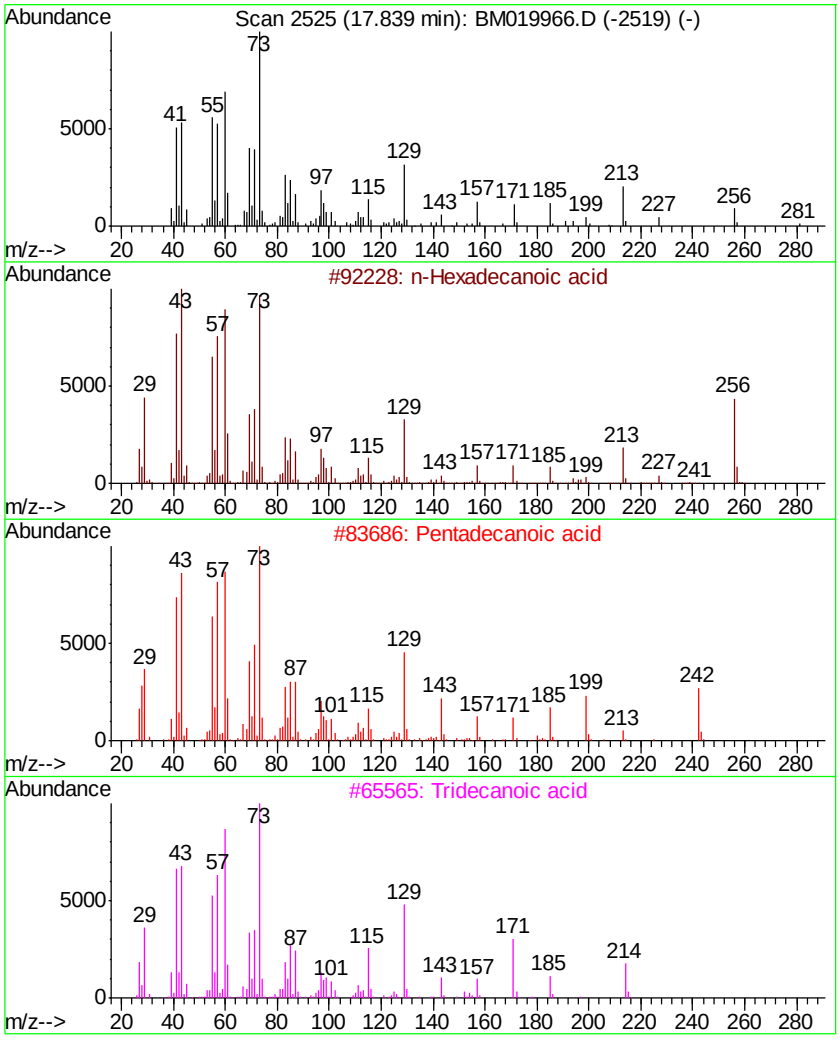
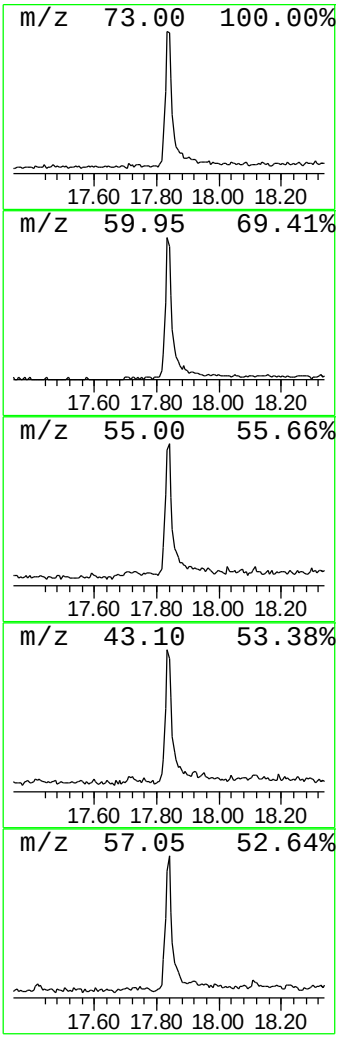
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	8.13 ng	407434	Phenanthrene-d10	16.94

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	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30





Library Search Compound Report

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Operator : JU/SJ
Sample : K2461-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
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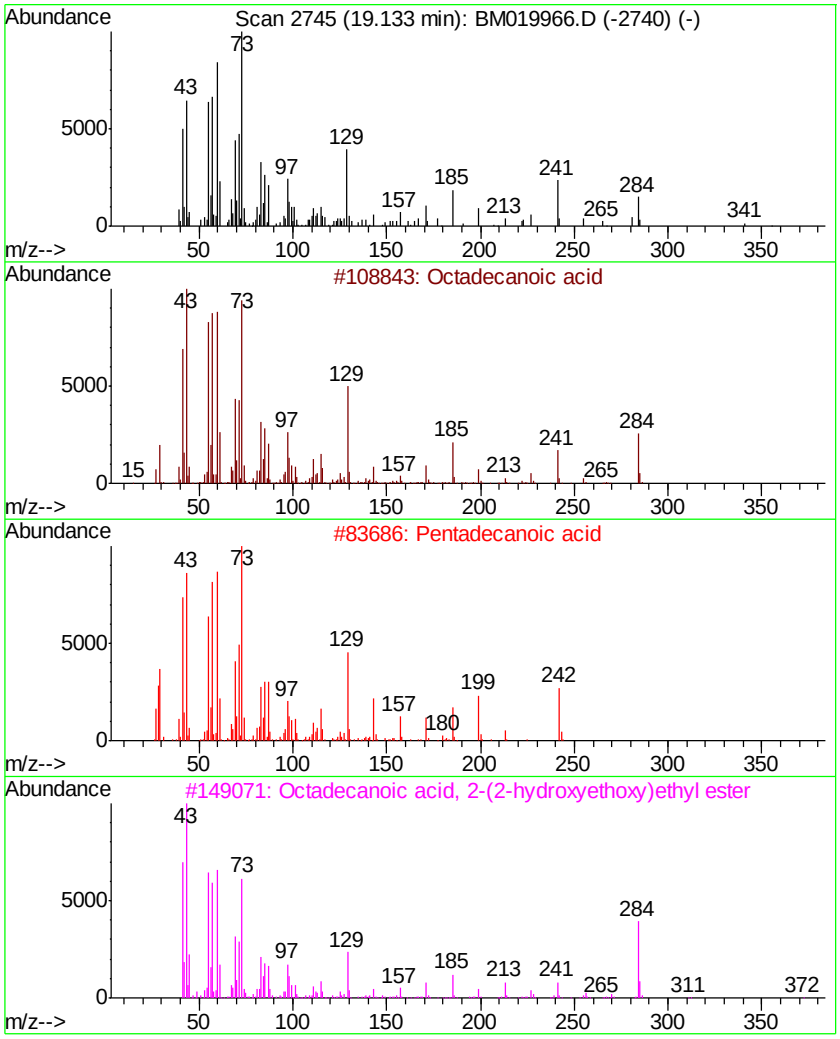
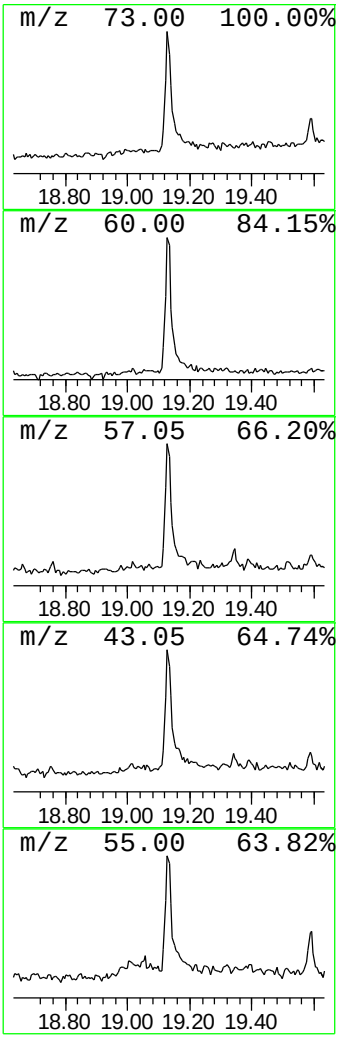
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.29 ng	246329	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Operator : JU/SJ
Sample : K2461-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-02

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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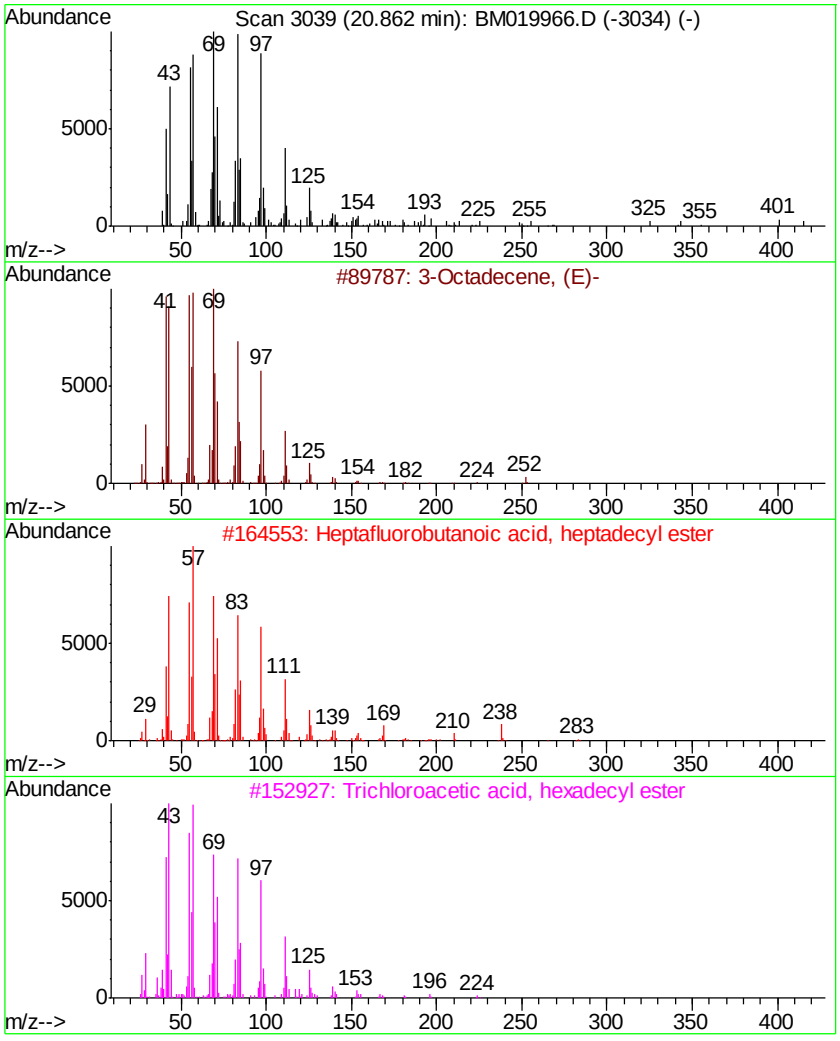
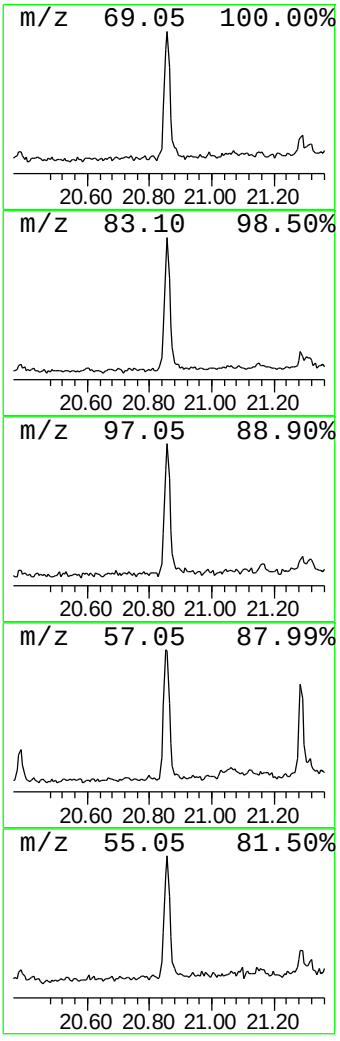
Peak Number 5 3-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.44 ng	312776	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	96
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
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Sample : K2461-02
Misc :
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Instrument : BNA_M
ClientSampleId : PZ-02

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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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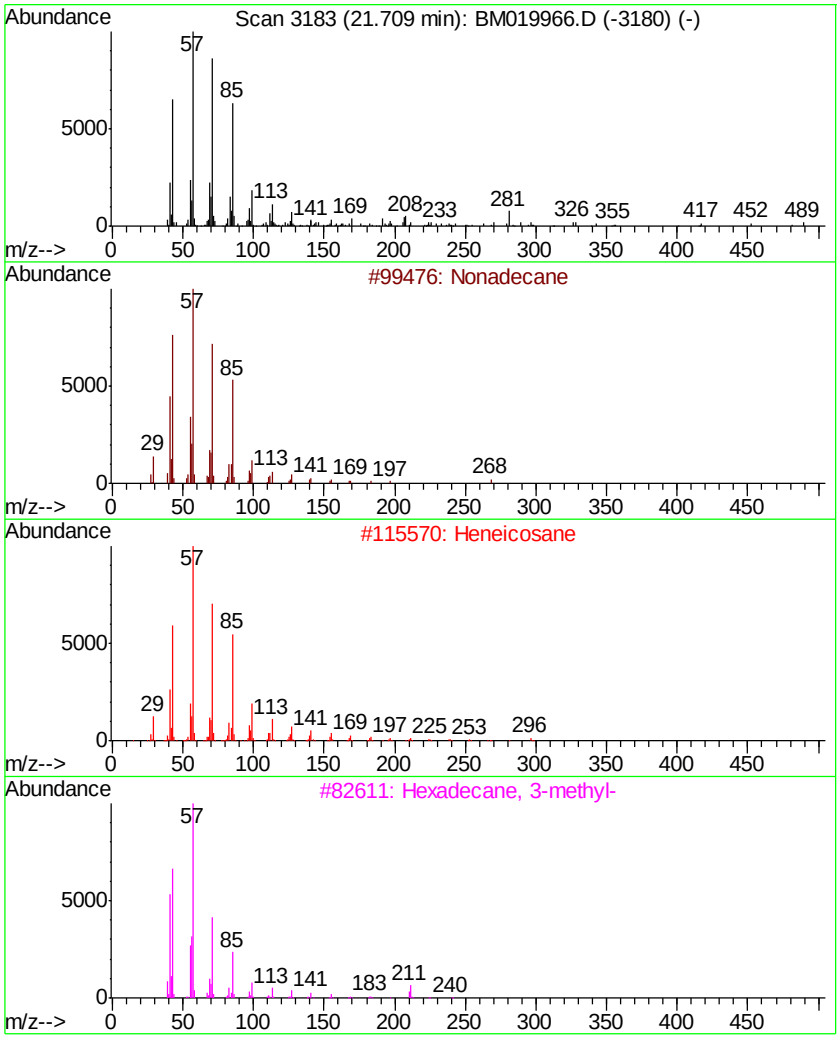
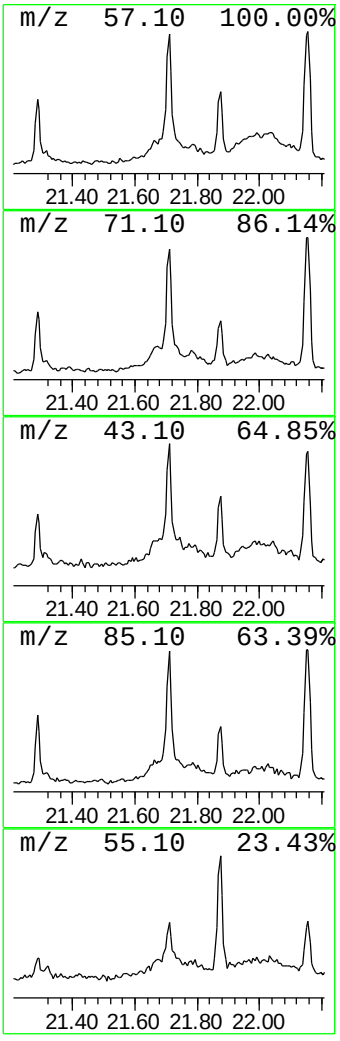
Peak Number 6 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	3.96 ng	227694	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Misc :
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Instrument : BNA_M
ClientSampleId : PZ-02

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

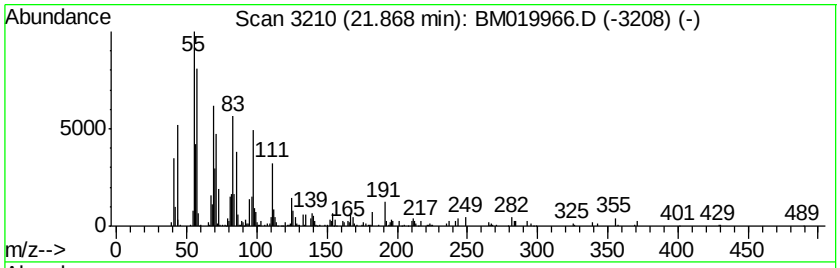
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

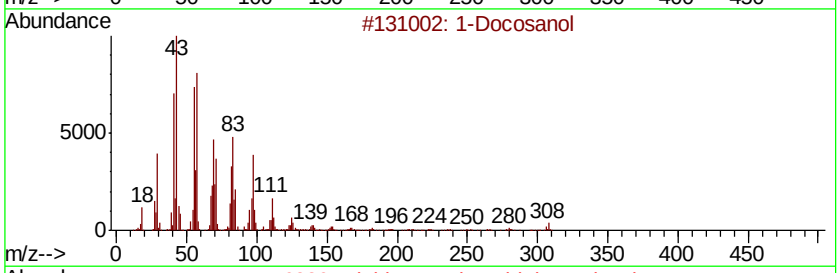
****

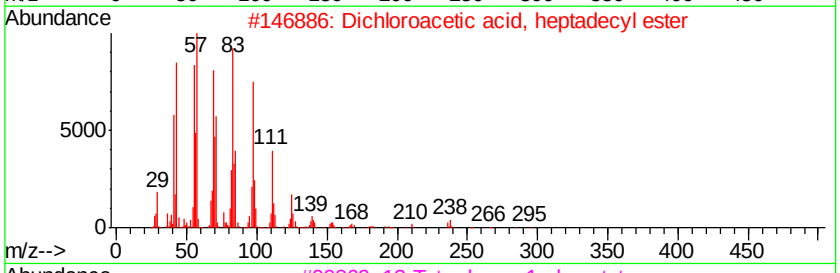
Peak Number 7 1-Docosanol Concentration Rank 10

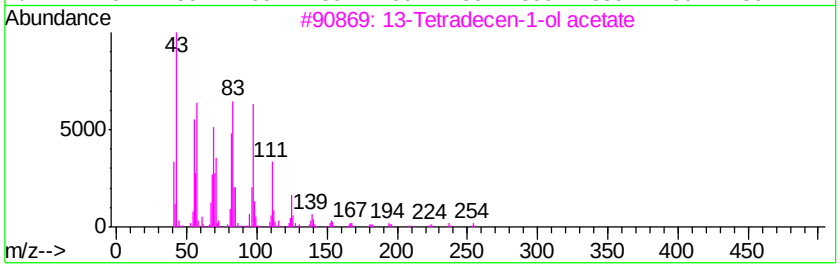
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	3.00 ng	172660	Chrysene-d12	21.16

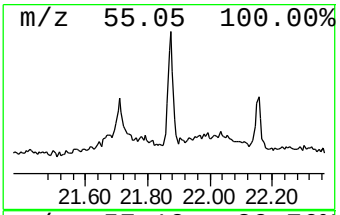
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanol	326	C22H46O	000661-19-8	72
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	68
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58
4	1-Hexacosanol	382	C26H54O	000506-52-5	58
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	58

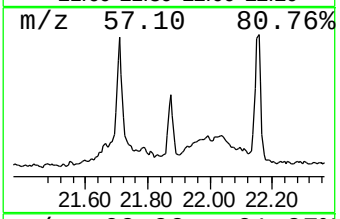


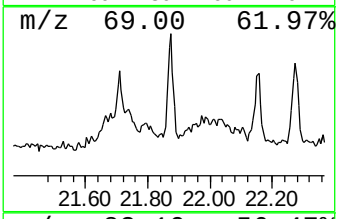


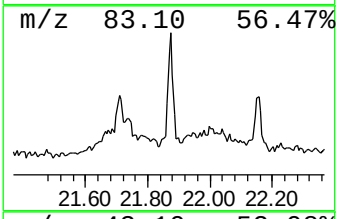


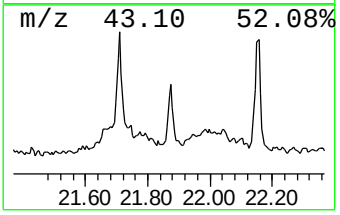












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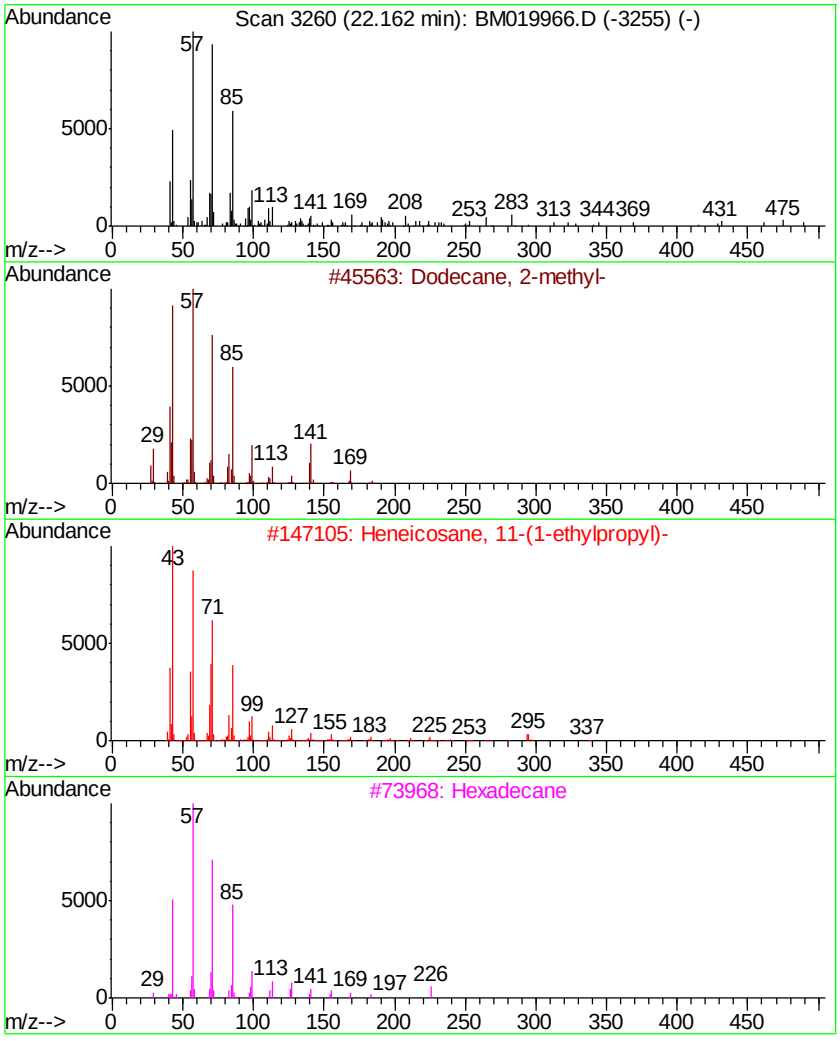
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

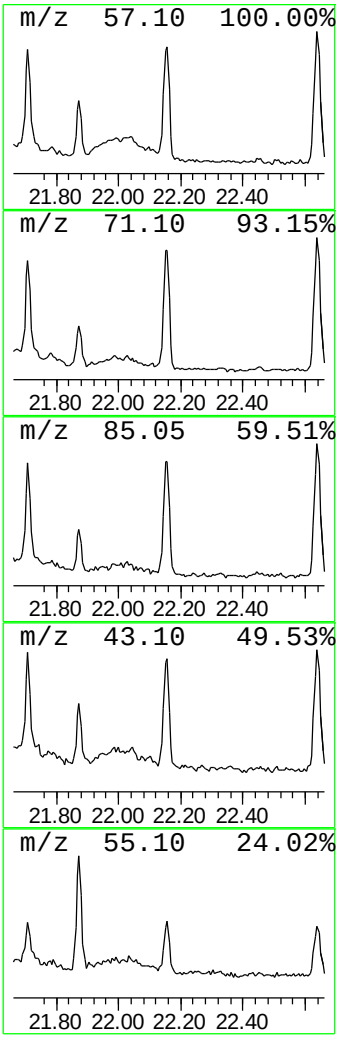
****

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	4.61 ng	265074	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80





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TIC Library : C:\DATABASE\NIST02.L
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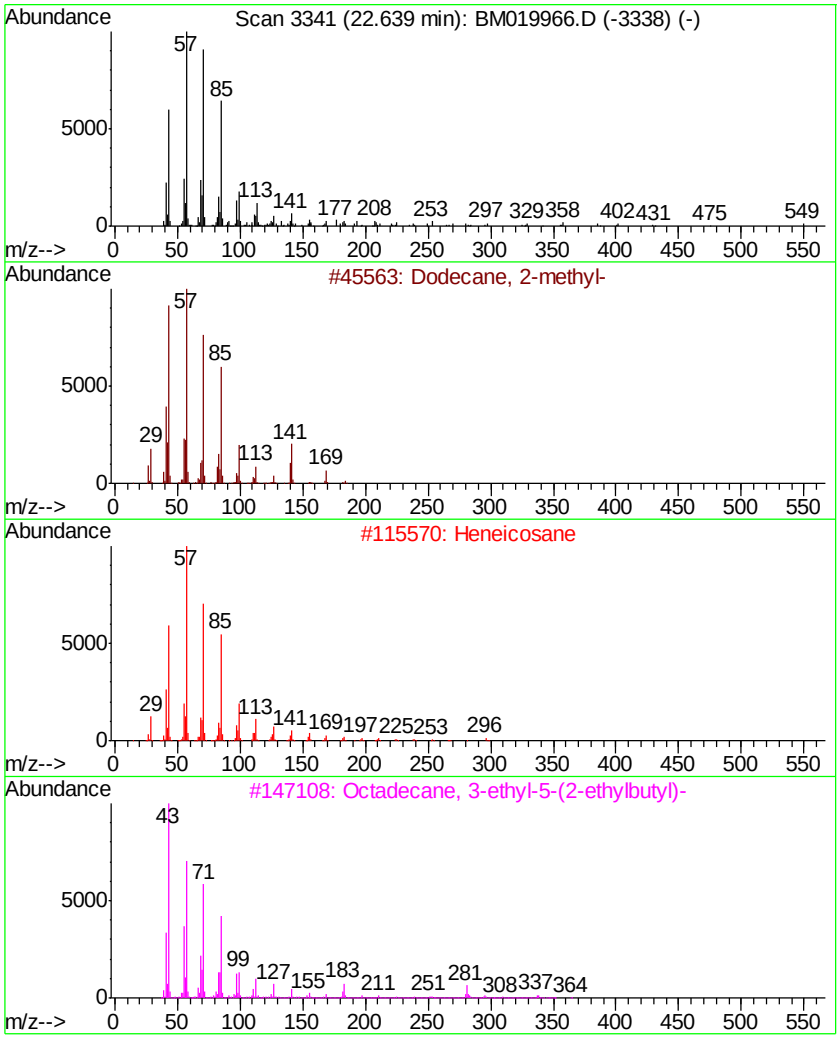
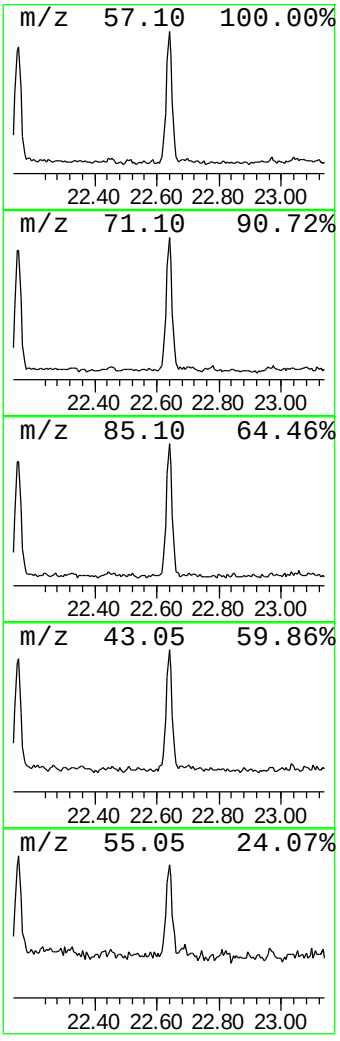
Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	4.06 ng	257548	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

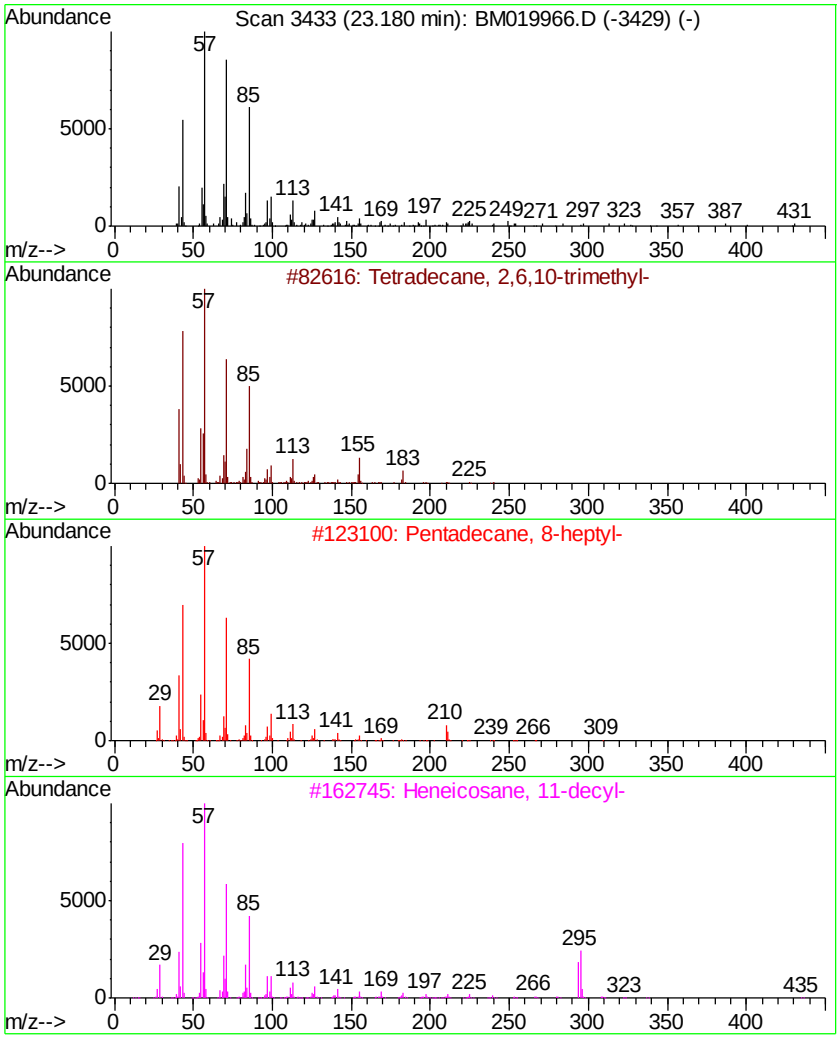
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

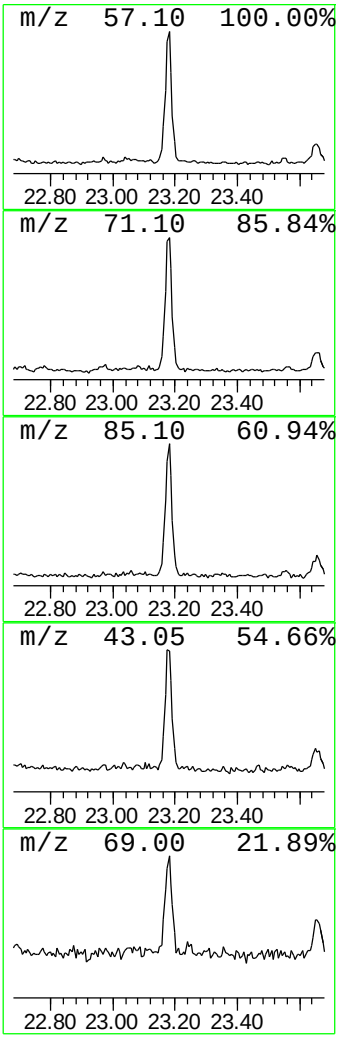
****

Peak Number 10 Tetradecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	4.20 ng	266586	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041819\
Data File : BM019966.D
Acq On : 18 Apr 2019 22:45
Operator : JU/SJ
Sample : K2461-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-02

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
unknown7.05	7.05	95.0	ng	2573180	1	7.51	541634	20.0
n-Hexadecanoic acid	17.84	8.1	ng	407434	4	16.94	1001990	20.0
Octadecanoic acid	19.13	4.3	ng	246329	5	21.16	1149230	20.0
3-Octadecene, (E)-	20.86	5.4	ng	312776	5	21.16	1149230	20.0
Nonadecane	21.71	4.0	ng	227694	5	21.16	1149230	20.0
1-Docosanol	21.87	3.0	ng	172660	5	21.16	1149230	20.0
Dodecane, 2-methyl-	22.16	4.6	ng	265074	5	21.16	1149230	20.0
Heneicosane	22.64	4.1	ng	257548	6	23.35	1269140	20.0
Tetradecane, 2,6,...	23.18	4.2	ng	266586	6	23.35	1269140	20.0