LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018842.D
Acq On : 18 Feb 2019 17:23
Operator : JU/SJ
Sample : K1518-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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	4.857	297	301	309	rBV	271514	372165	2.61%	0.355%
2	5.298	369	376	392	rBV	6064747	8481094	59.38%	8.096%
3	6.881	638	645	664	rBV	5787427	9367998	65.59%	8.942%
4	7.239	698	706	722	rBV	6077327	9419089	65.95%	8.991%
5	7.704	778	785	793	rBV	1221158	1889657	13.23%	1.804%
6	8.022	831	839	849	rBV	4312909	6775276	47.44%	6.467%
7	8.875	975	984	998	rBV	3236222	5405310	37.85%	5.160%
8	10.492	1247	1259	1273	rBV	1572576	2628252	18.40%	2.509%
9	12.969	1673	1680	1698	rBV	8330163	12018543	84.15%	11.473%
10	13.816	1817	1824	1836	rBV	400315	623429	4.37%	0.595%
11	14.357	1907	1916	1933	rBV2	2034280	3257419	22.81%	3.109%
12	14.963	2010	2019	2036	rBV3	44666	220731	1.55%	0.211%
13	15.851	2162	2170	2189	rBV	6169058	9035535	63.27%	8.625%
14	17.104	2377	2383	2389	rBV	2554213	3648835	25.55%	3.483%
15	17.998	2529	2535	2546	rBV	910014	1414500	9.90%	1.350%
16	19.168	2730	2734	2739	rVB	288910	395266	2.77%	0.377%
17	19.280	2749	2753	2759	rBV	523679	713937	5.00%	0.682%
18	19.533	2793	2796	2801	rVB	244754	322646	2.26%	0.308%
19	19.739	2825	2831	2843	rVB	11692493	14281669	100.00%	13.633%
20	21.003	3042	3046	3055	rBV2	527682	685574	4.80%	0.654%
21	21.297	3090	3096	3101	rBV	2466276	3539747	24.79%	3.379%
22	21.439	3116	3120	3127	rBV	589265	666724	4.67%	0.636%
23	21.874	3190	3194	3207	rVB	900935	1152590	8.07%	1.100%
24	22.333	3268	3272	3278	rBV	1044178	1414165	9.90%	1.350%
25	22.844	3354	3359	3363	rBV	981552	1477899	10.35%	1.411%
26	23.409	3451	3455	3461	rBV	725252	1141609	7.99%	1.090%
27	23.556	3474	3480	3493	rVB	1516420	2896930	20.28%	2.765%
28	24.062	3561	3566	3574	rVB	579091	1044057	7.31%	0.997%
29	24.815	3690	3694	3700	rVB	243225	468210	3.28%	0.447%

Sum of corrected areas: 104758856

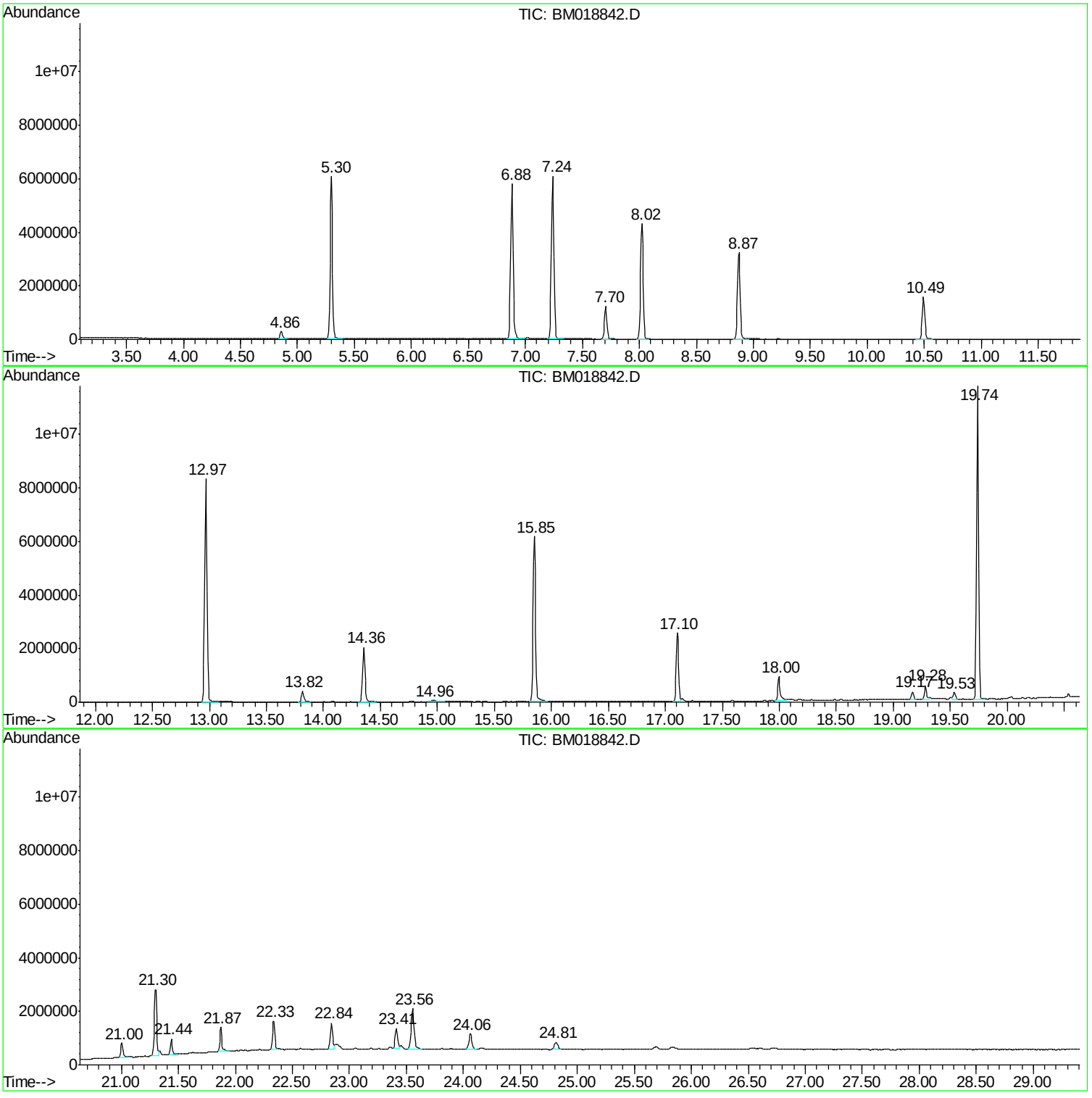
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018842.D
Acq On : 18 Feb 2019 17:23
Operator : JU/SJ
Sample : K1518-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

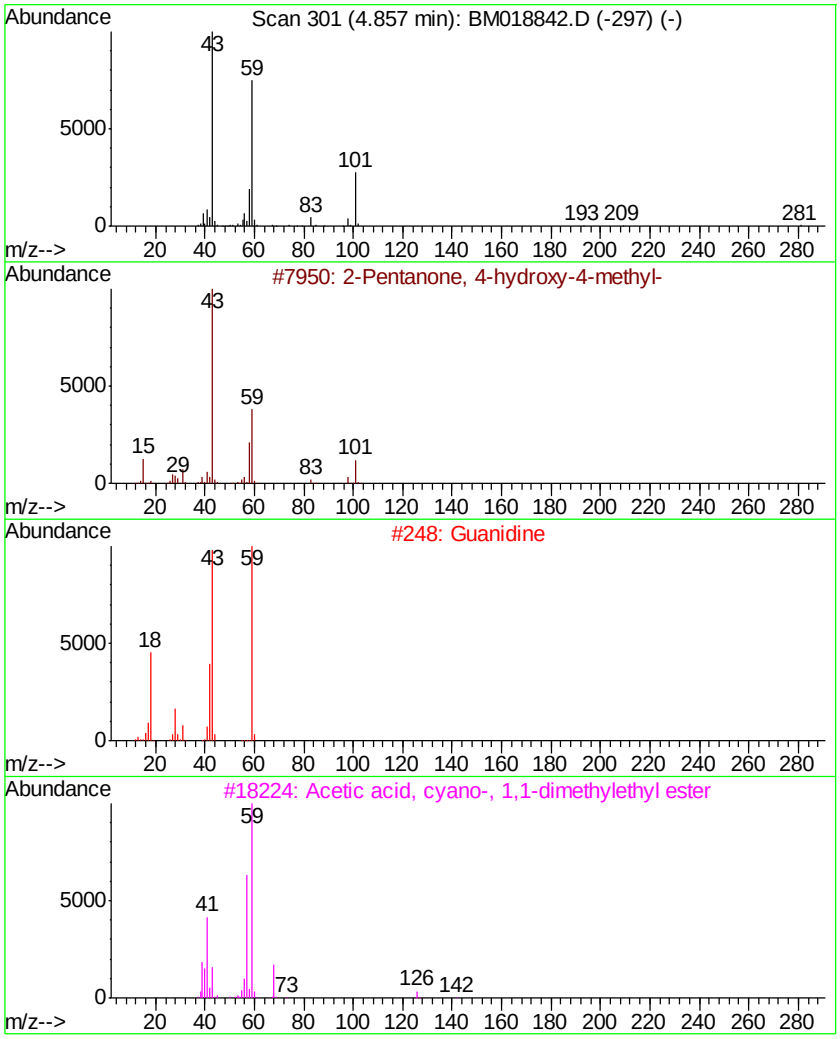
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

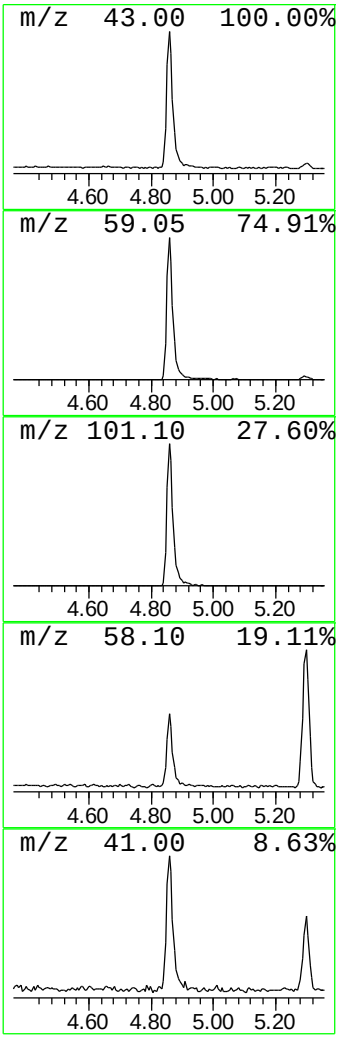
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	3.94 ng	372165	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33





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Operator : JU/SJ
Sample : K1518-17
Misc :
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Instrument : BNA_M
ClientSampleId : TP-MH-C02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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TIC Library : C:\DATABASE\NIST02.L
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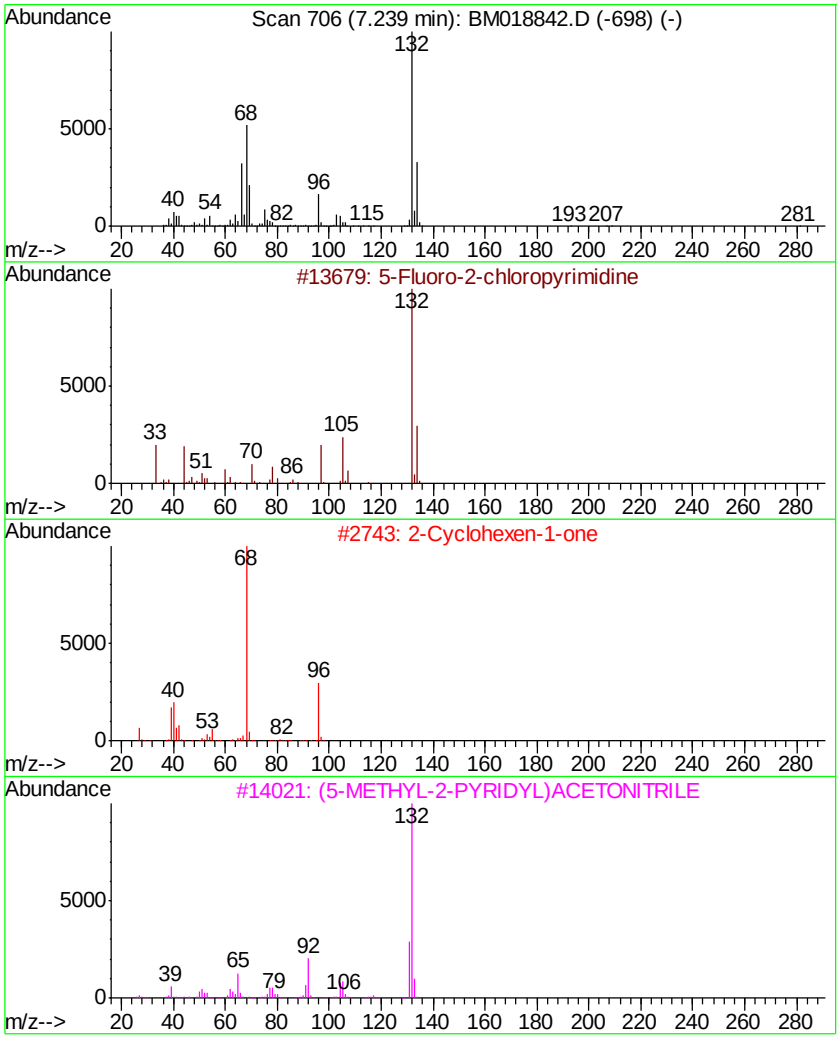
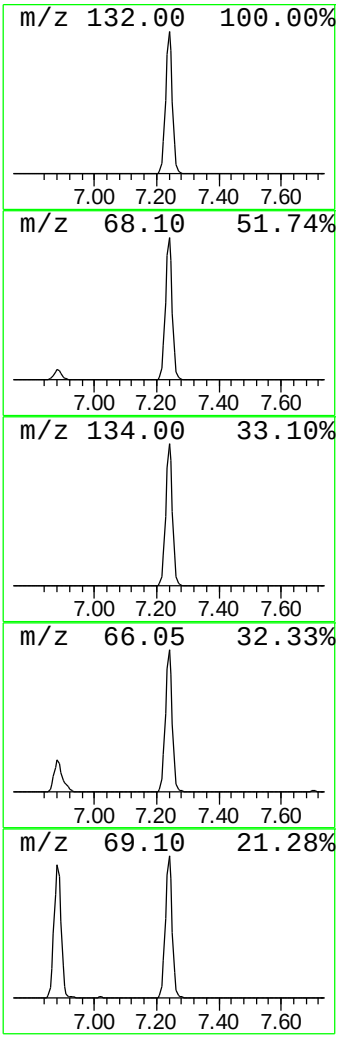
****

Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	99.69 ng	9419090	1,4-Dichlorobenzene-d4	7.70

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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	9





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Misc :
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Instrument : BNA_M
ClientSampleId : TP-MH-C02

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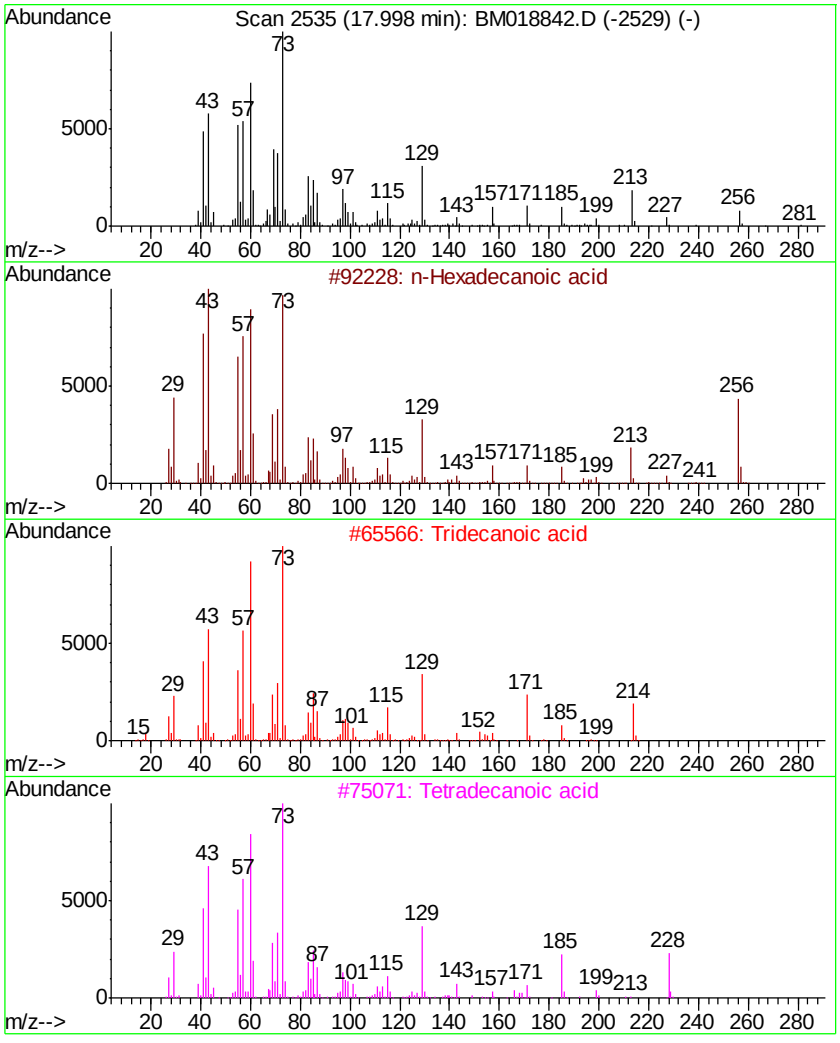
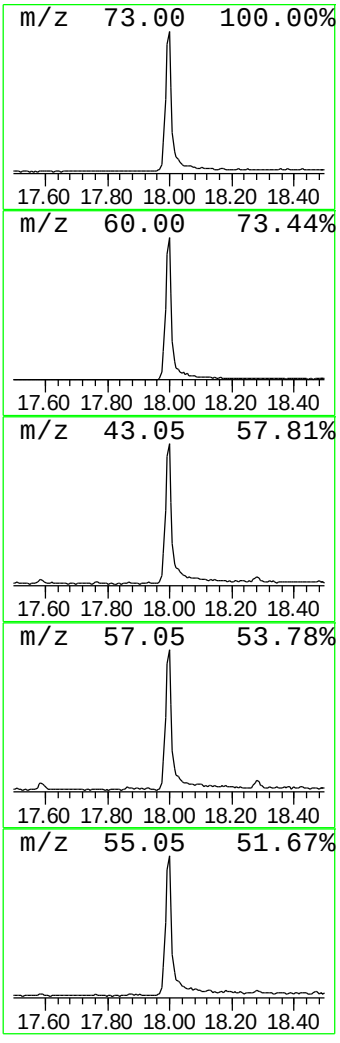
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	7.75 ng	1414500	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

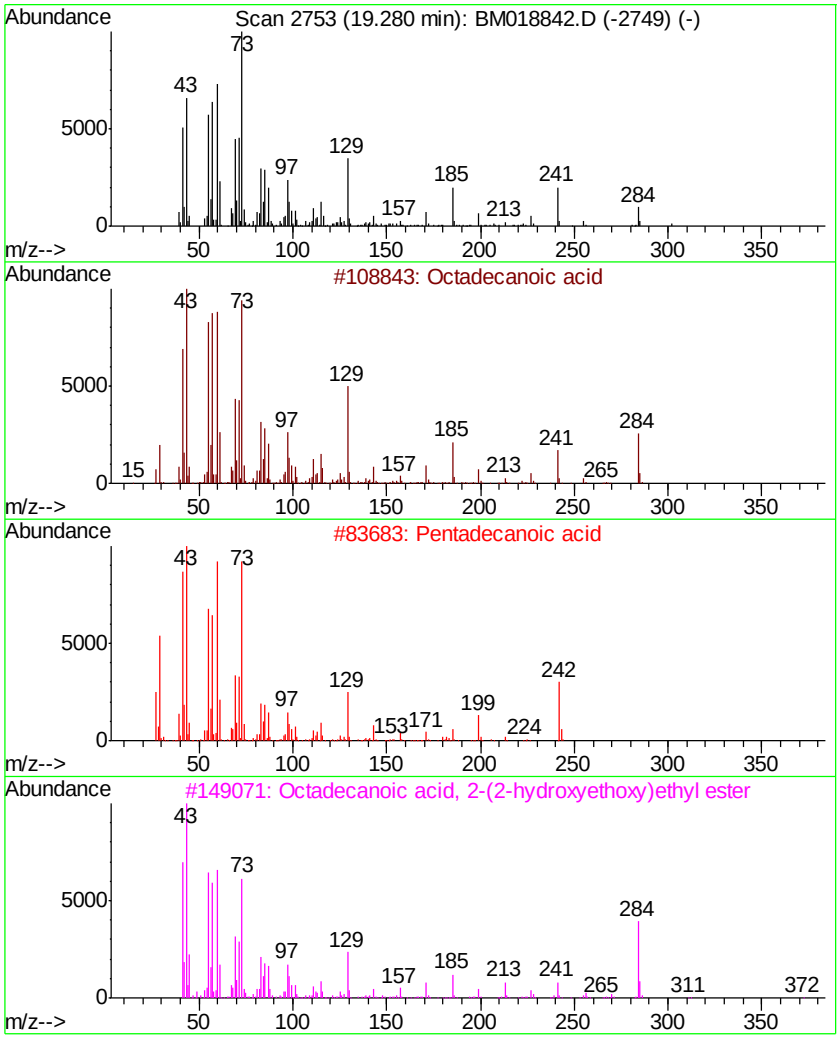
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

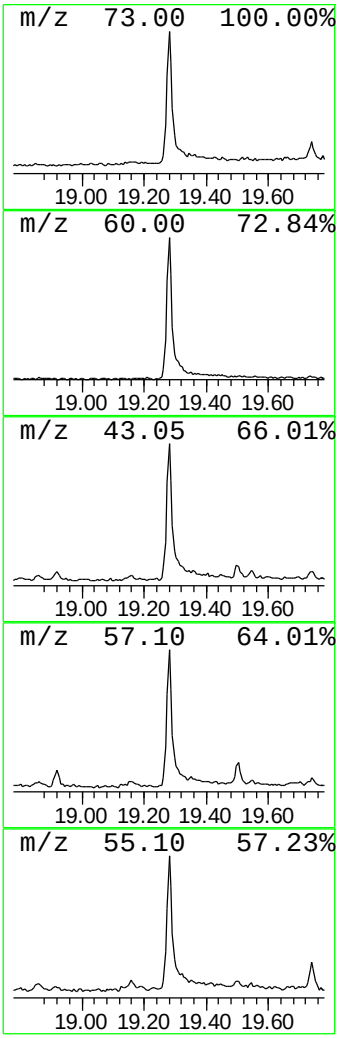
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	4.03 ng	713937	Chrysene-d12	21.30

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	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	35





Library Search Compound Report

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Operator : JU/SJ
Sample : K1518-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

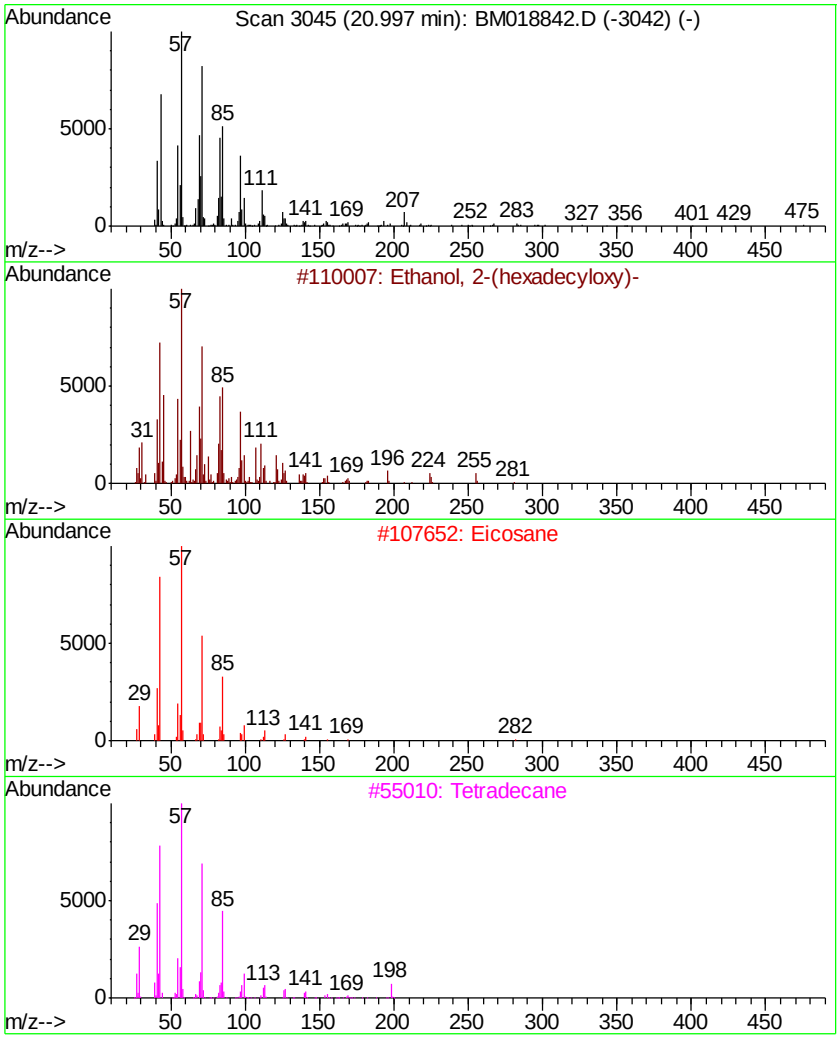
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

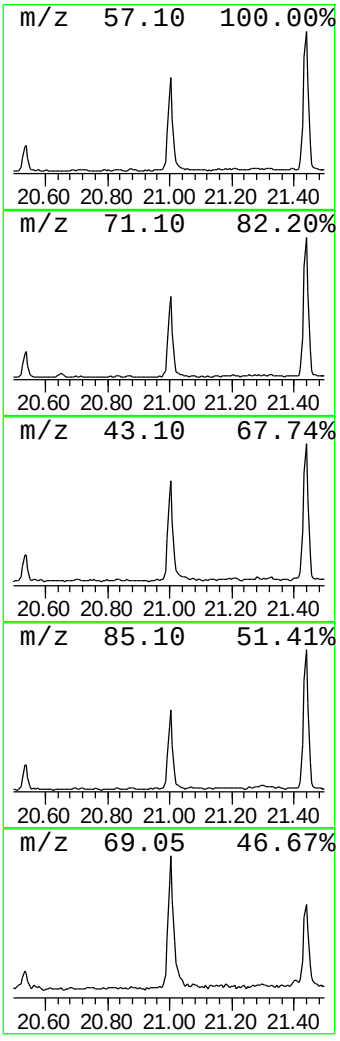
****

Peak Number 7 Ethanol, 2-(hexadecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.87 ng	685574	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Eicosane	282	C20H42	000112-95-8	58
3	Tetradecane	198	C14H30	000629-59-4	52
4	Nonadecane	268	C19H40	000629-92-5	52
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	49





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Misc :
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Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

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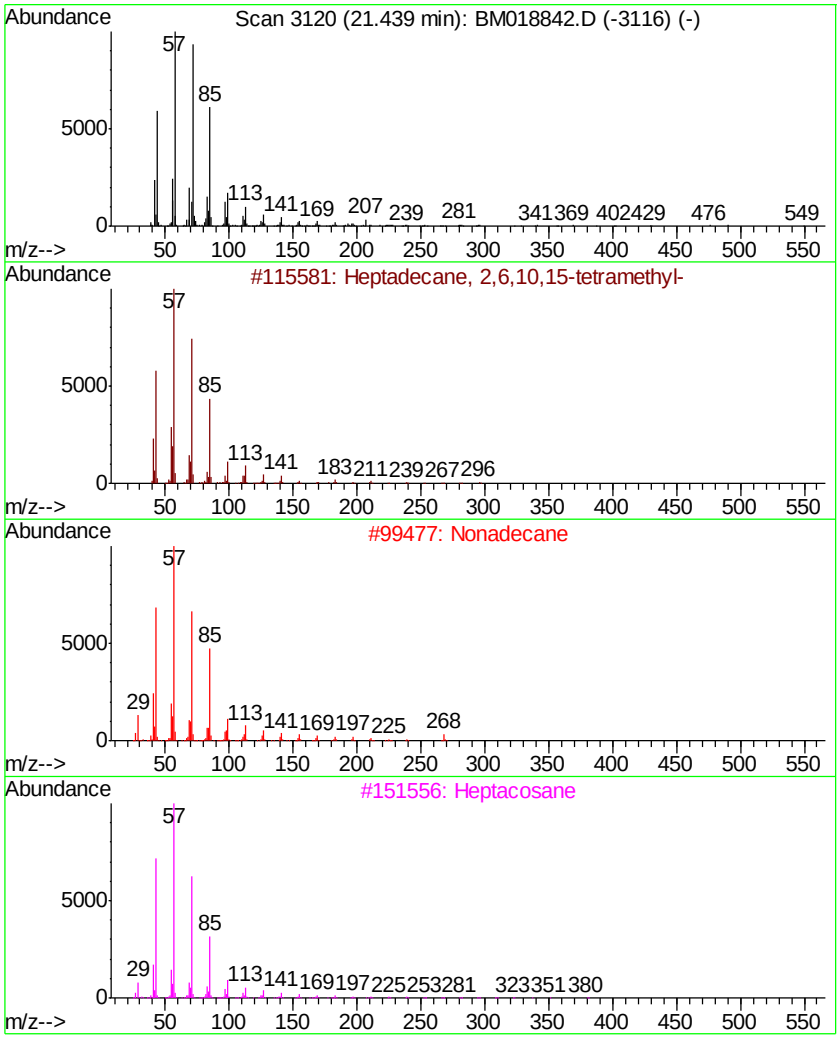
TIC Integration Parameters: LSCINT.P

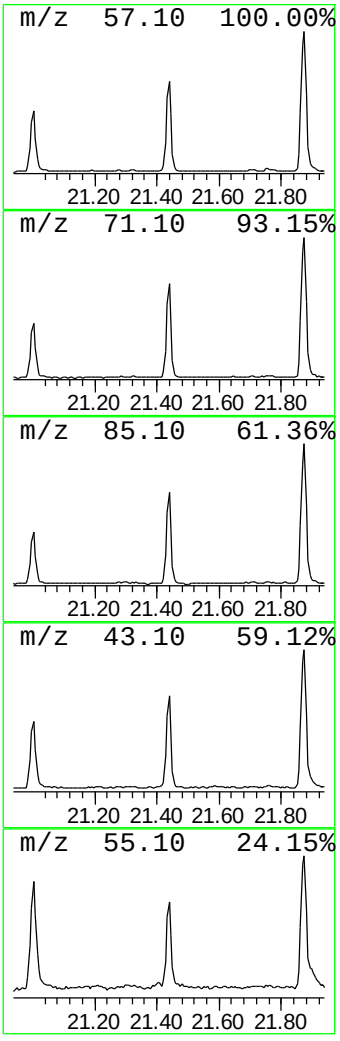
****

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.77 ng	666724	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptacosane	380	C27H56	000593-49-7	81
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane	170	C12H26	000112-40-3	80





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

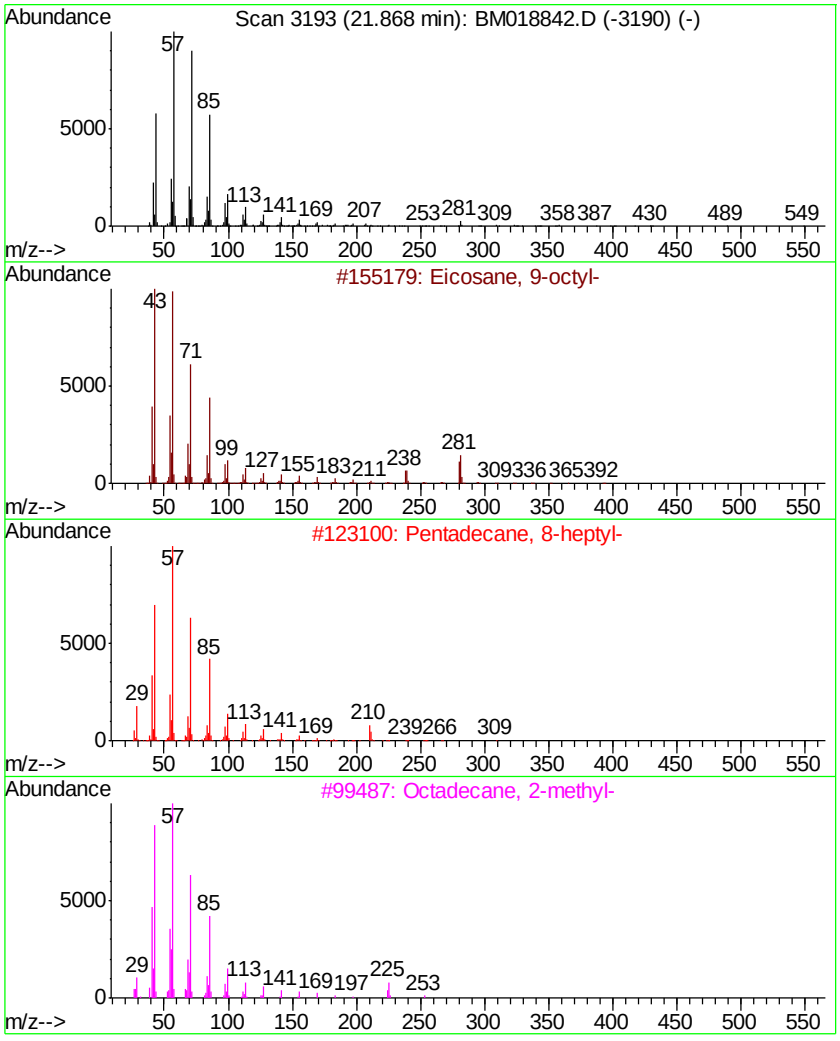
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

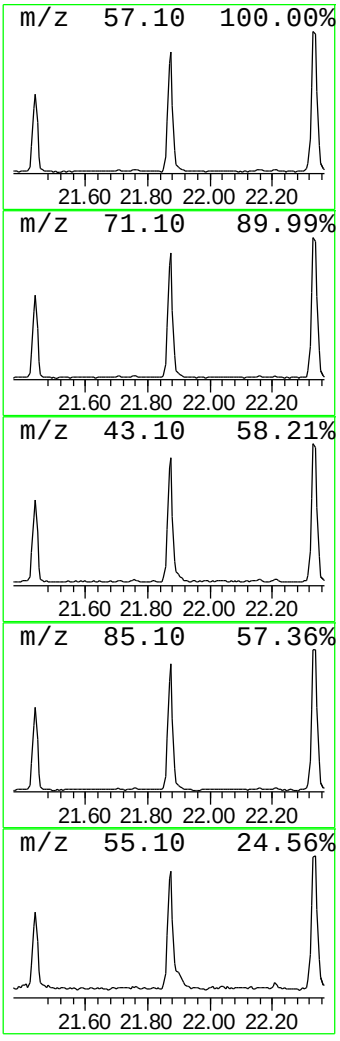
****

Peak Number 9 Eicosane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	6.51 ng	1152590	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Octadecane	254	C18H38	000593-45-3	83
5	Heptacosane	380	C27H56	000593-49-7	81





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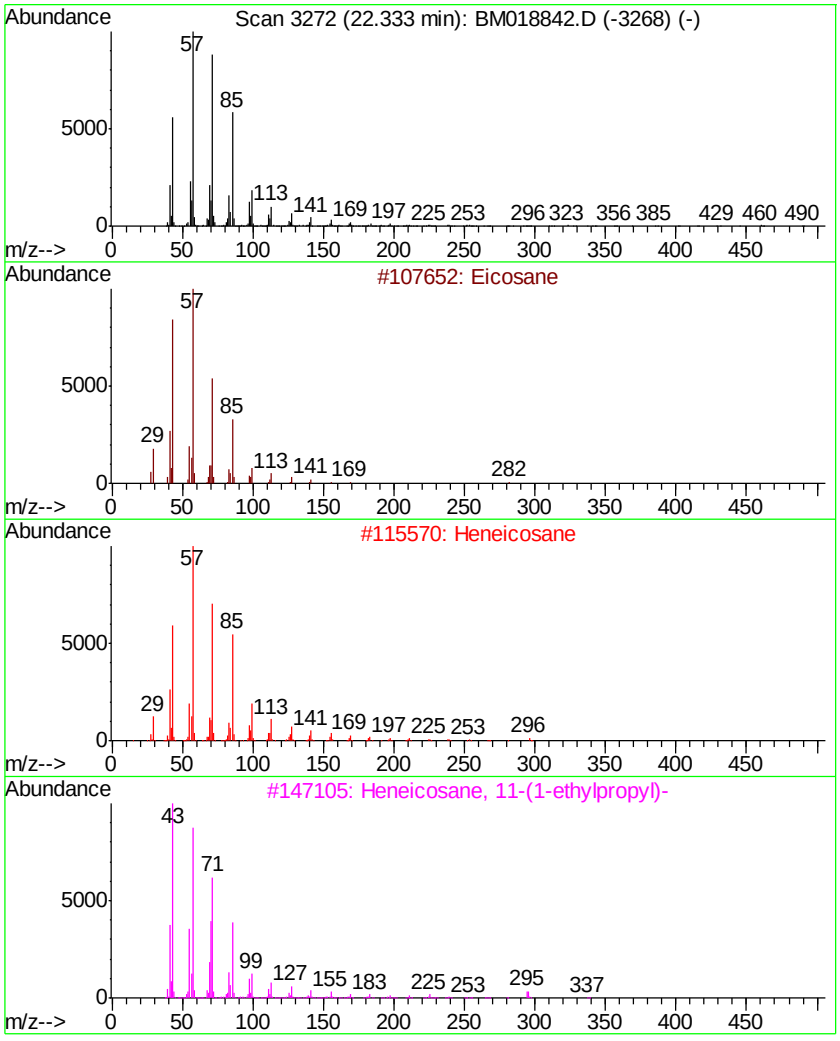
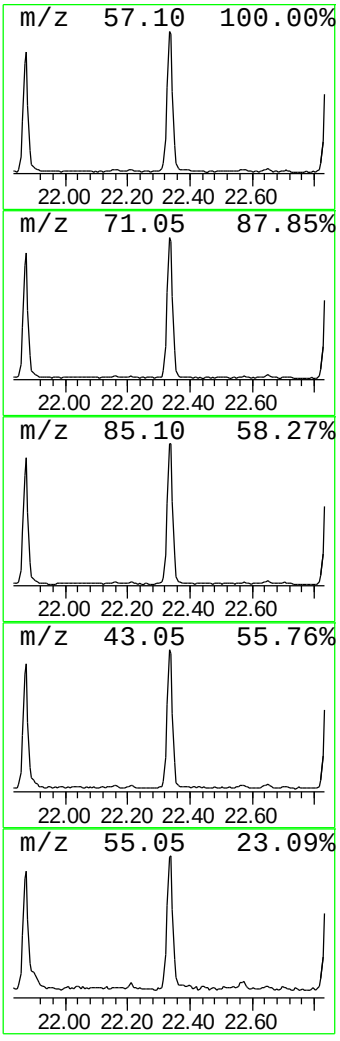
Peak Number 10 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	7.99 ng	1414170	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Octadecane	254	C18H38	000593-45-3	86





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

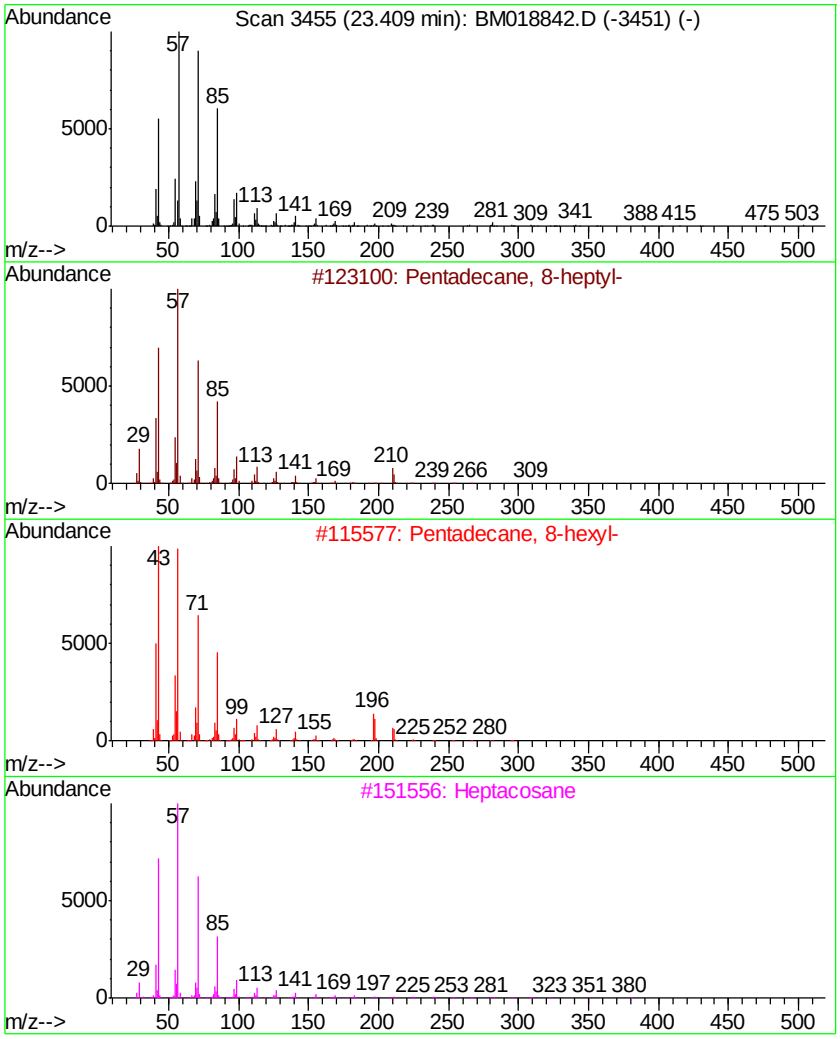
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

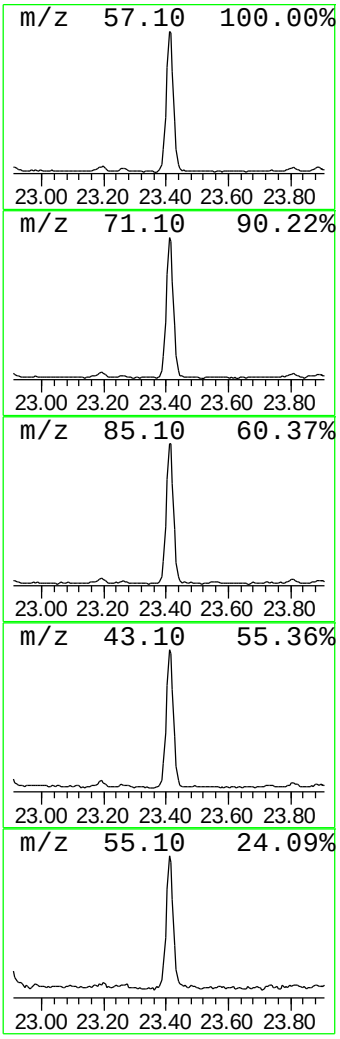
****

Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	7.88 ng	1141610	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	87
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86





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TIC Integration Parameters: LSCINT.P

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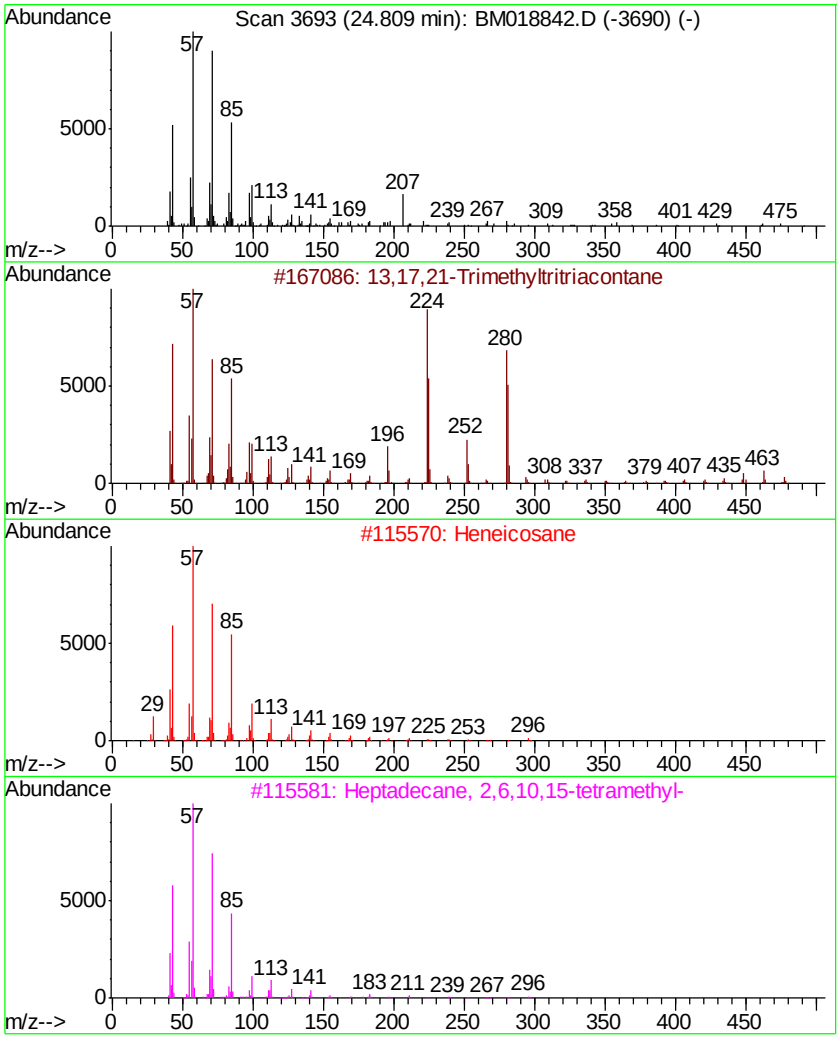
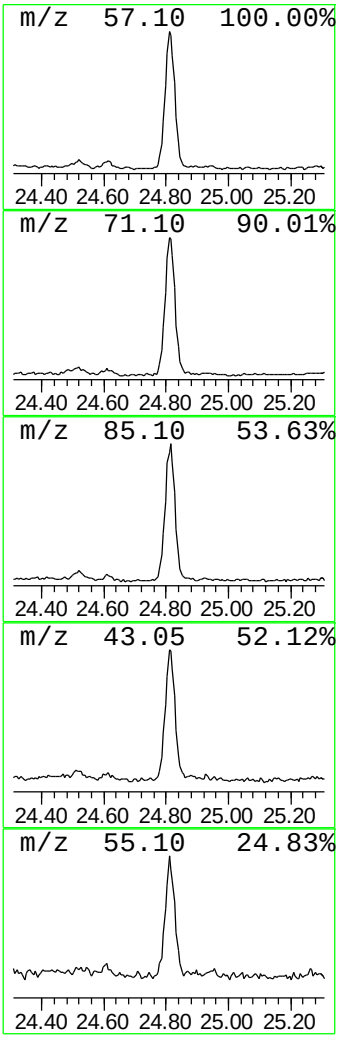
Peak Number 13 13,17,21-Trimethyltritriaco... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	3.23 ng	468210	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13,17,21-Trimethyltritriacontane	479	C34H70	081469-02-5	80
2	Heneicosane	296	C21H44	000629-94-7	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tetratetracontane	619	C44H90	007098-22-8	72
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021819\
Data File : BM018842.D
Acq On : 18 Feb 2019 17:23
Operator : JU/SJ
Sample : K1518-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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
2-Pentanone, 4-hy...	4.86	3.9	ng	372165	1	7.70	1889660	20.0
unknown7.24	7.24	99.7	ng	9419090	1	7.70	1889660	20.0
n-Hexadecanoic acid	18.00	7.8	ng	1414500	4	17.10	3648840	20.0
Octadecanoic acid	19.28	4.0	ng	713937	5	21.30	3539750	20.0
Ethanol, 2-(hexad...	21.00	3.9	ng	685574	5	21.30	3539750	20.0
Heptadecane, 2,6,...	21.44	3.8	ng	666724	5	21.30	3539750	20.0
Eicosane, 9-octyl-	21.87	6.5	ng	1152590	5	21.30	3539750	20.0
Eicosane	22.33	8.0	ng	1414170	5	21.30	3539750	20.0
Pentadecane, 8-he...	23.41	7.9	ng	1141610	6	23.56	2896930	20.0
13,17,21-Trimethy...	24.81	3.2	ng	468210	6	23.56	2896930	20.0