LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018841.D
Acq On : 18 Feb 2019 16:48
Operator : JU/SJ
Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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	296	301	317	rVB	246963	368020	2.56%	0.331%
2	5.299	369	376	391	rBV	5298221	7464978	51.93%	6.724%
3	6.881	637	645	661	rBV	5221940	8358439	58.15%	7.528%
4	7.240	698	706	723	rBV	5435219	8366530	58.20%	7.536%
5	7.704	777	785	792	rBV	1418968	2206604	15.35%	1.987%
6	8.022	829	839	851	rBV	3826745	6002432	41.76%	5.406%
7	8.875	976	984	999	rBV	2945542	4925929	34.27%	4.437%
8	10.492	1250	1259	1275	rBV	1803117	3080935	21.43%	2.775%
9	12.969	1673	1680	1693	rBV	7202052	10375256	72.18%	9.345%
10	13.816	1818	1824	1837	rBV	376037	592679	4.12%	0.534%
11	14.351	1903	1915	1924	rBV2	2515077	3946670	27.46%	3.555%
12	15.851	2160	2170	2189	rBV	5760500	8573559	59.64%	7.722%
13	17.104	2377	2383	2388	rBV2	3111530	4714787	32.80%	4.247%
14	17.145	2388	2390	2399	rVV	552007	717774	4.99%	0.646%
15	17.239	2402	2406	2410	rVV	118515	156019	1.09%	0.141%
16	17.998	2527	2535	2539	rBV	1521958	2070622	14.40%	1.865%
17	18.174	2559	2565	2569	rBV2	145763	292779	2.04%	0.264%
18	18.904	2684	2689	2695	rBV3	75027	165644	1.15%	0.149%
19	19.168	2729	2734	2741	rVB	989798	1330331	9.25%	1.198%
20	19.280	2748	2753	2765	rBV	857745	1357034	9.44%	1.222%
21	19.504	2786	2791	2793	rBV2	217321	325725	2.27%	0.293%
22	19.533	2793	2796	2804	rVB	925855	1214941	8.45%	1.094%
23	19.739	2825	2831	2845	rVB	12219675	14374671	100.00%	12.947%
24	19.862	2847	2852	2861	rVB4	68386	179233	1.25%	0.161%
25	20.033	2871	2881	2886	rBV3	250722	444937	3.10%	0.401%
26	20.186	2902	2907	2912	rVV2	92031	161826	1.13%	0.146%
27	20.533	2963	2966	2971	rBV	275648	327918	2.28%	0.295%
28	21.003	3040	3046	3056	rBV4	1099781	1642804	11.43%	1.480%
29	21.298	3090	3096	3101	rBV	3881570	5695628	39.62%	5.130%
30	21.339	3101	3103	3109	rVB	410917	444006	3.09%	0.400%
31	21.439	3116	3120	3129	rBV	776856	938320	6.53%	0.845%
32	21.874	3190	3194	3198	rBV	914351	1017644	7.08%	0.917%
33	22.333	3268	3272	3287	rBV	1131009	1553822	10.81%	1.400%
34	22.845	3354	3359	3363	rBV	1091878	1610992	11.21%	1.451%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018841.D
Acq On : 18 Feb 2019 16:48
Operator : JU/SJ
Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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

35	23.415	3451	3456	3460	rBV	753204	1208992	8.41%	1.089%
36	23.556	3474	3480	3487	rBV2	2048813	3739765	26.02%	3.368%
37	24.062	3561	3566	3576	rVB	552341	1076452	7.49%	0.970%

Sum of corrected areas: 111024697

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
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Acq On : 18 Feb 2019 16:48
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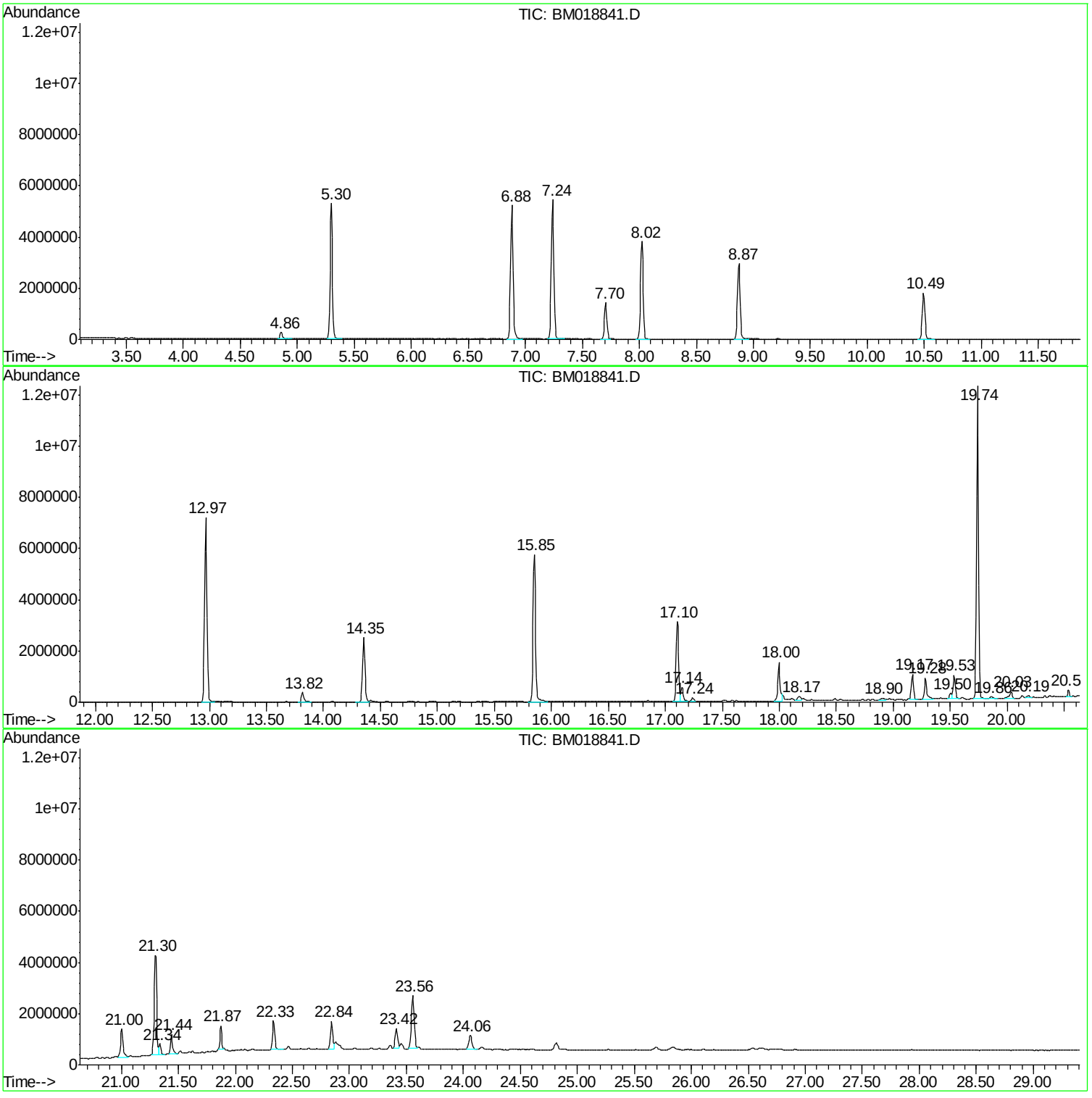
Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

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\BM021819\
Data File : BM018841.D
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Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

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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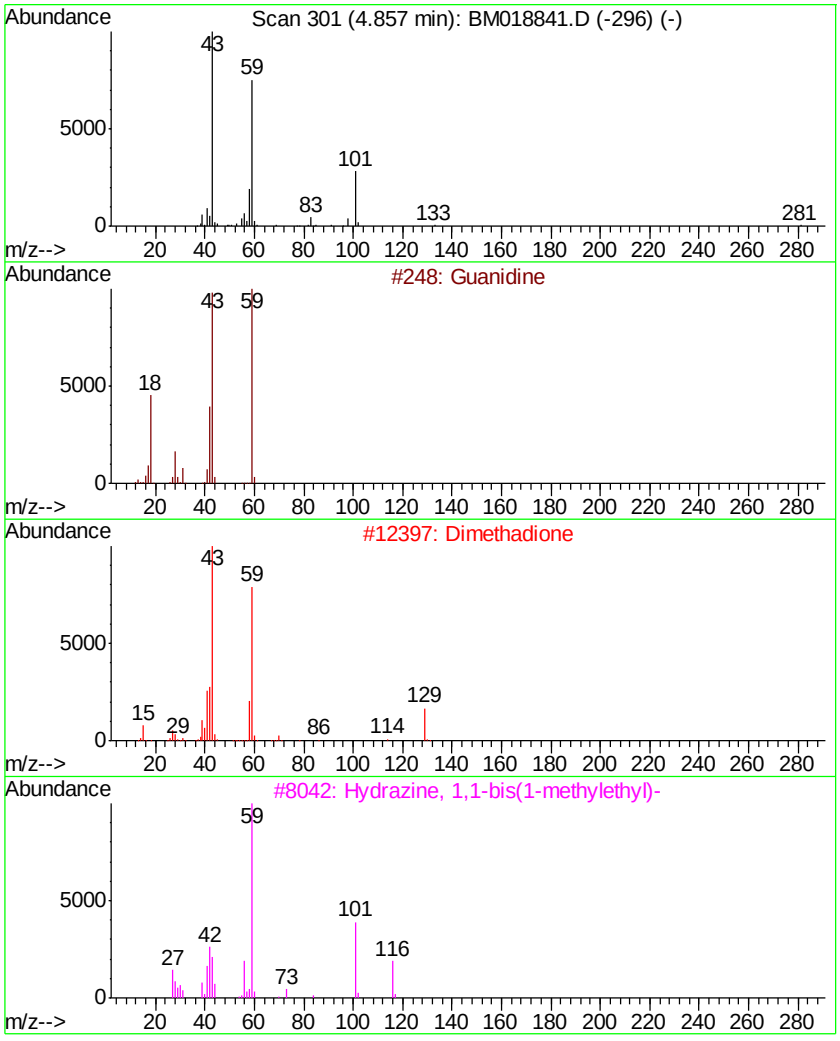
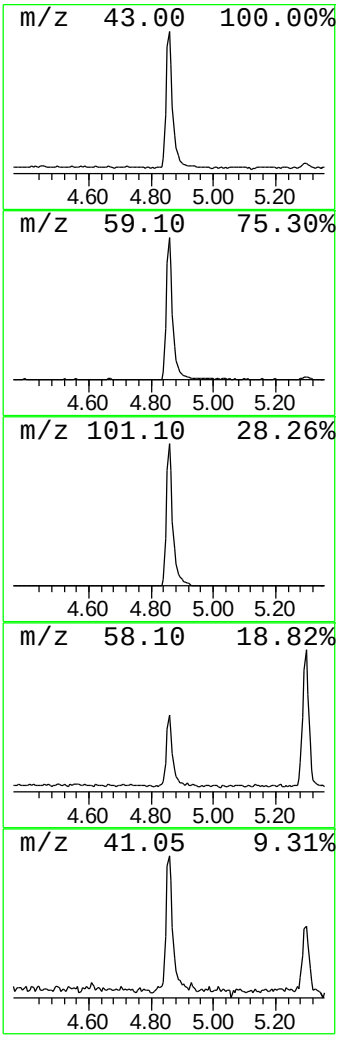
Peak Number 1 Guanidine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	3.34 ng	368020	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	50
2	Dimethadione	129	C5H7NO3	000695-53-4	36
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018841.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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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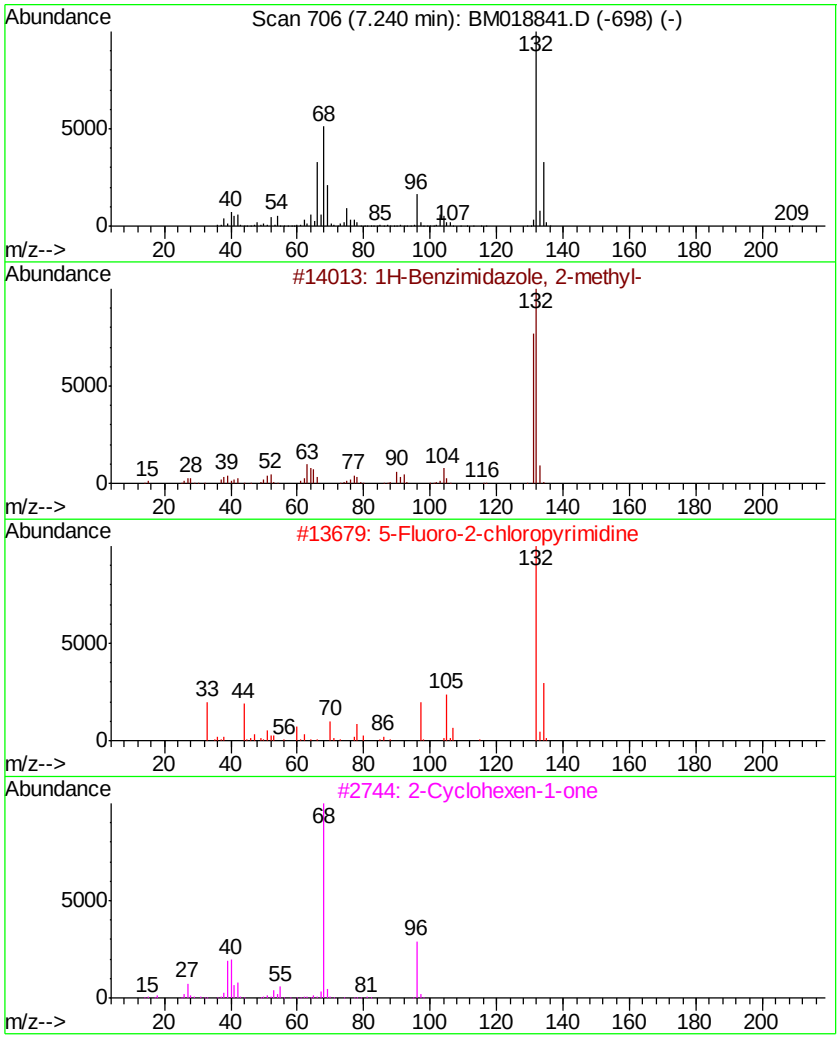
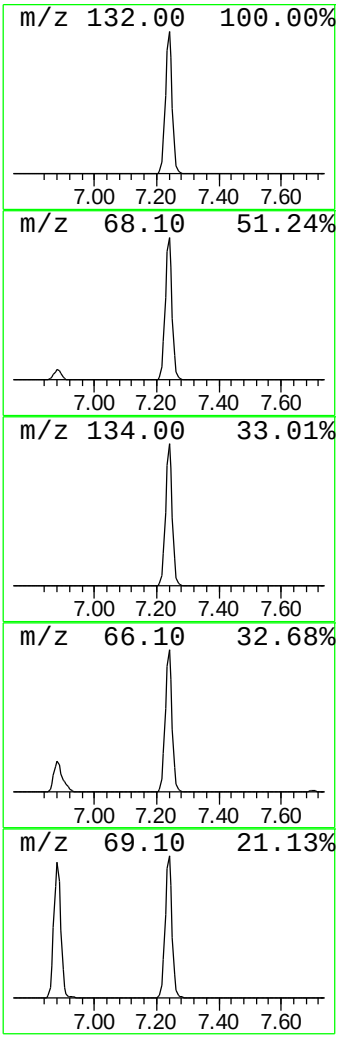
Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	75.83 ng	8366530	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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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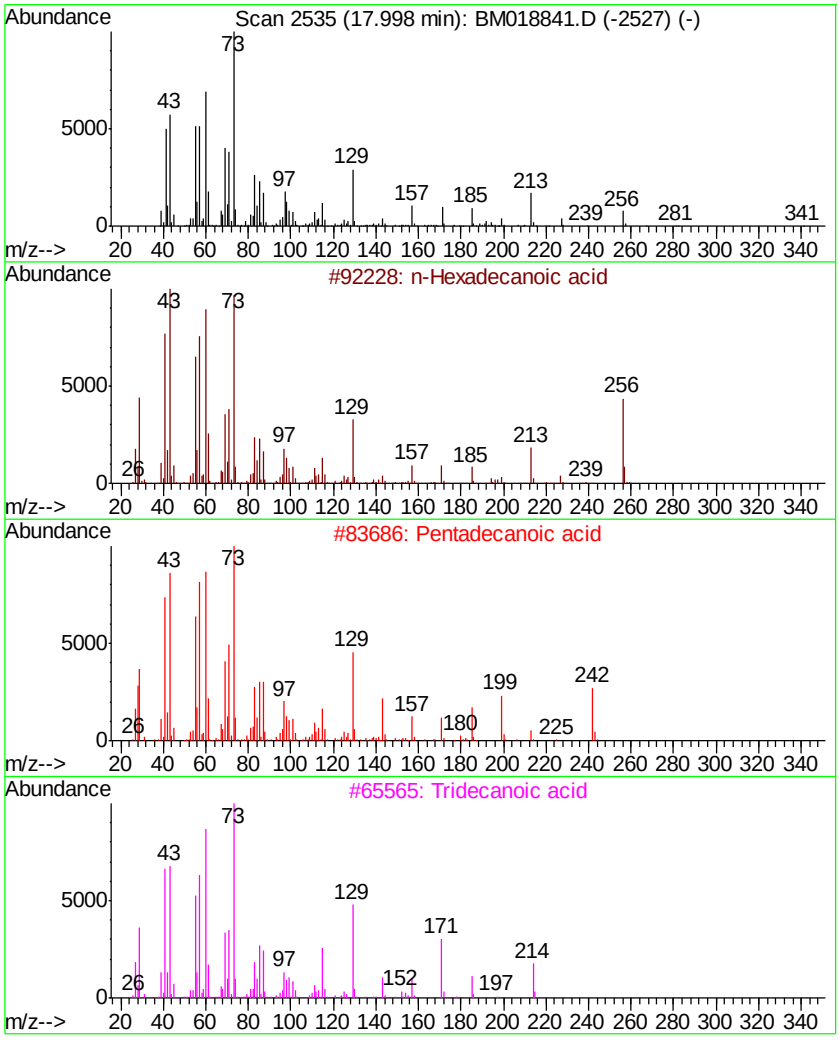
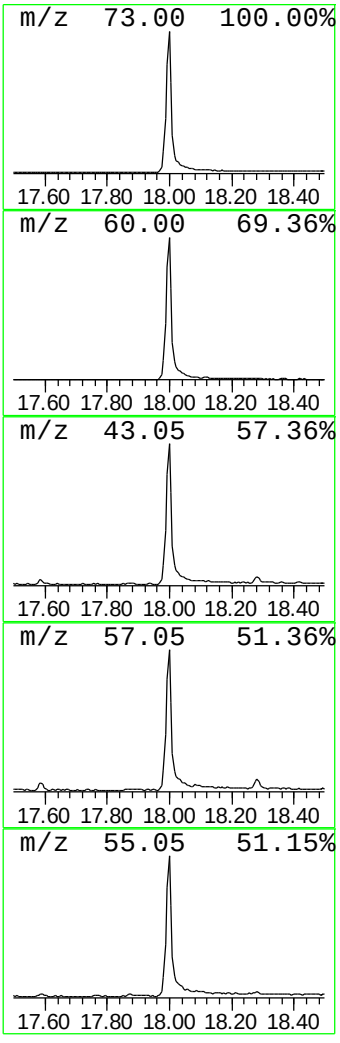
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	8.78 ng	2070620	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	Dodecane	170	C12H26	000112-40-3	25
5	Nonanoic acid	158	C9H18O2	000112-05-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
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Acq On : 18 Feb 2019 16:48
Operator : JU/SJ
Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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
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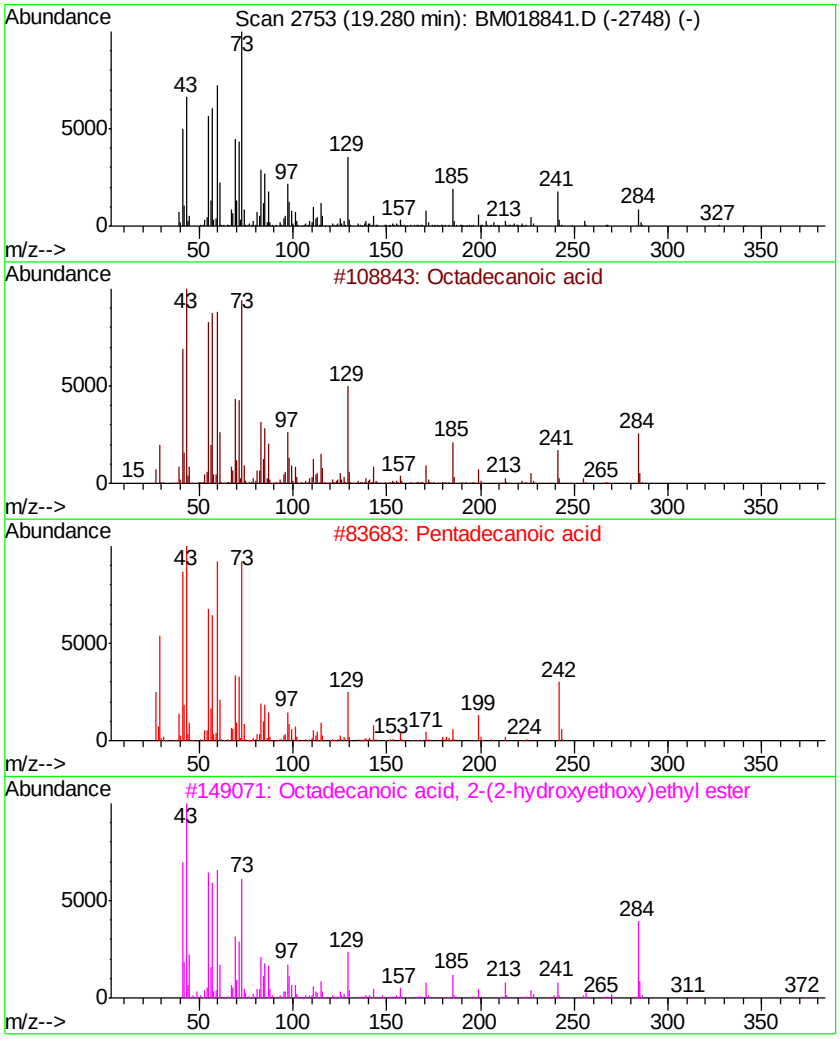
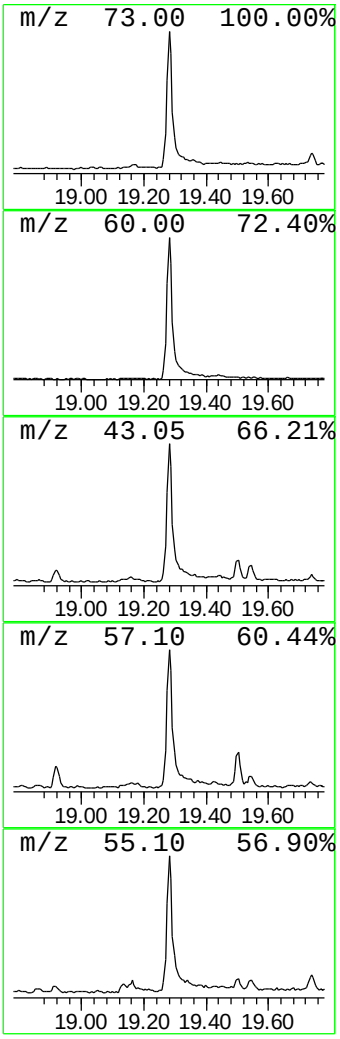
Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	4.77 ng	1357030	Chrysene-d12	21.30

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	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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

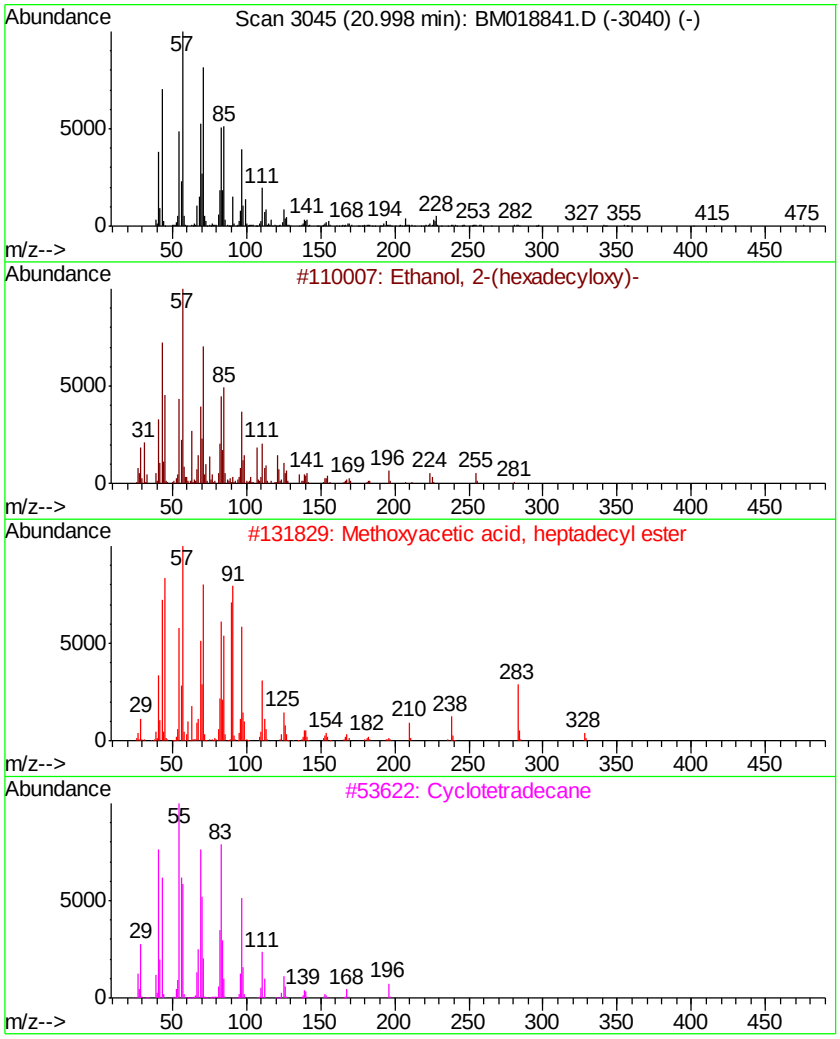
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

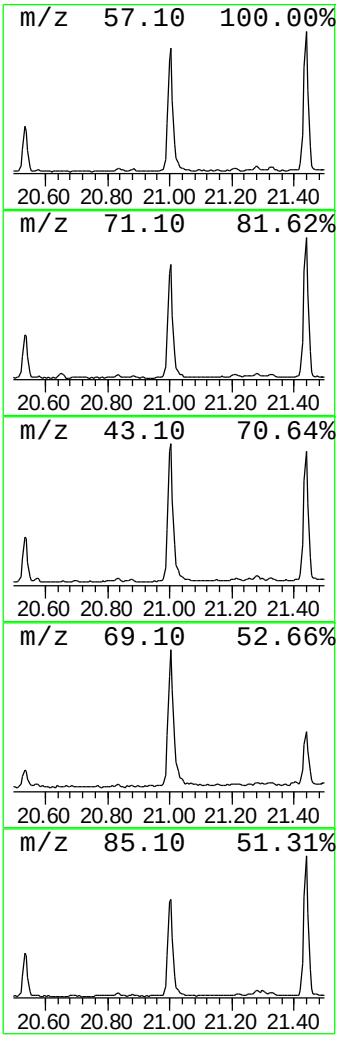
****

Peak Number 6 Ethanol, 2-(hexadecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.77 ng	1642800	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
3	Cyclotetradecane	196	C14H28	000295-17-0	90
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	89
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76





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Instrument : BNA_M
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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

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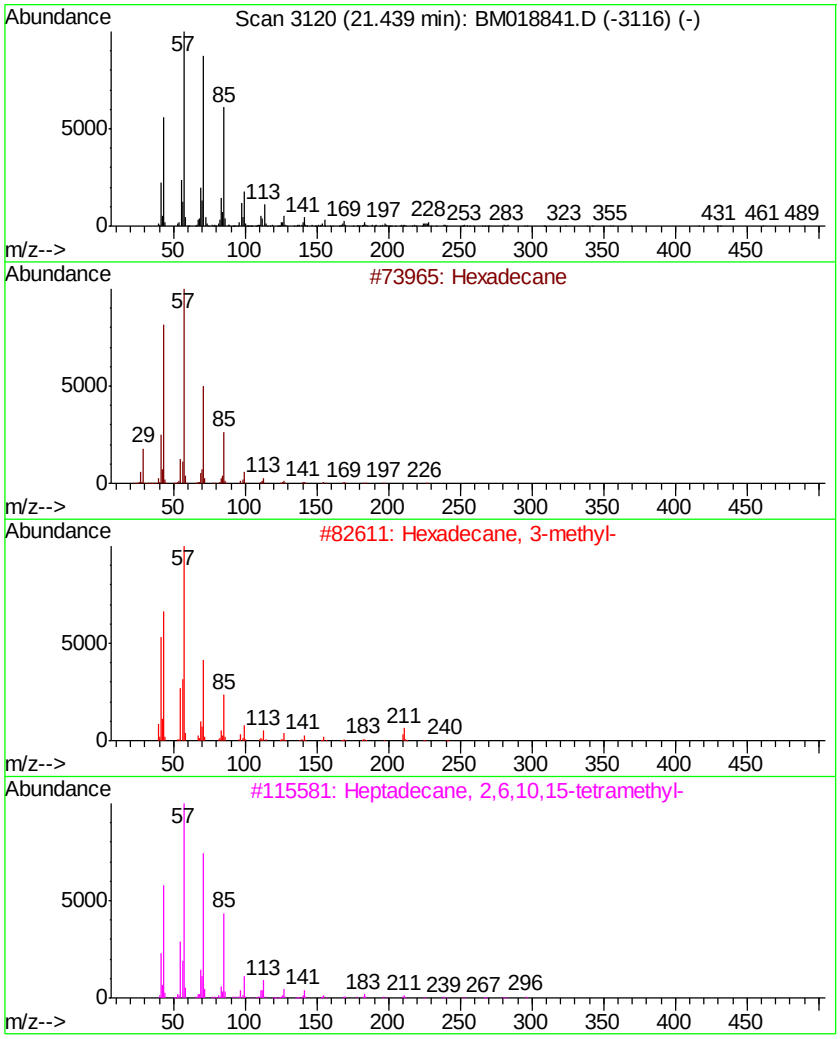
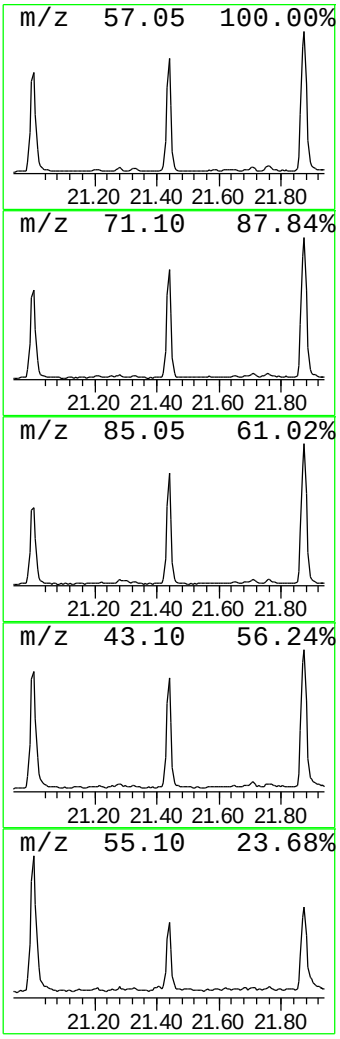
Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.29 ng	938320	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	81
5	Heptacosane	380	C27H56	000593-49-7	81





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Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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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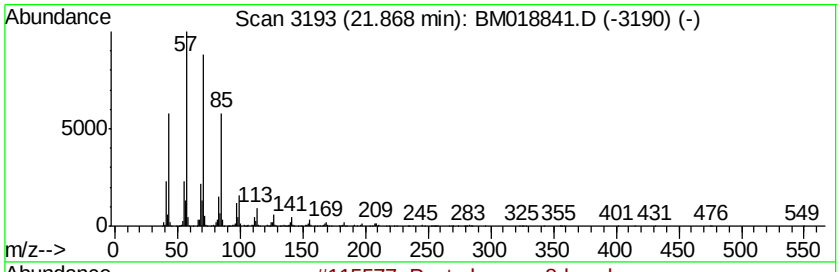
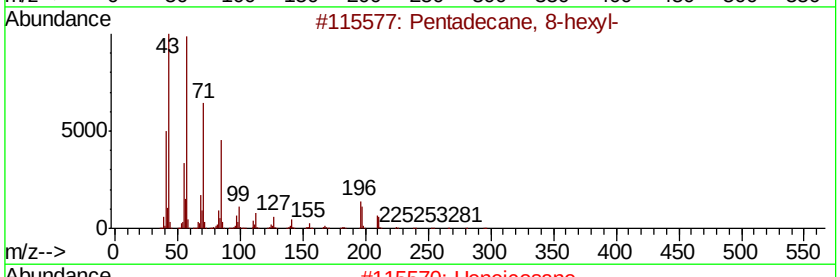
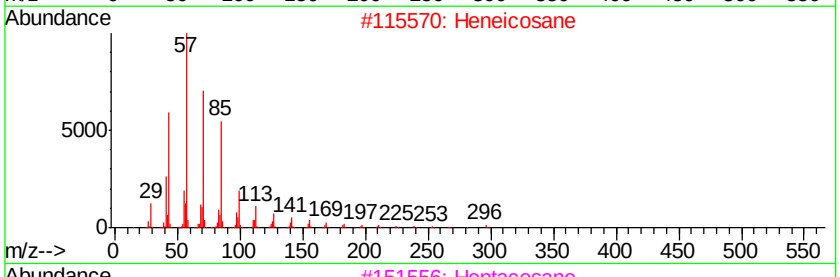
Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 9

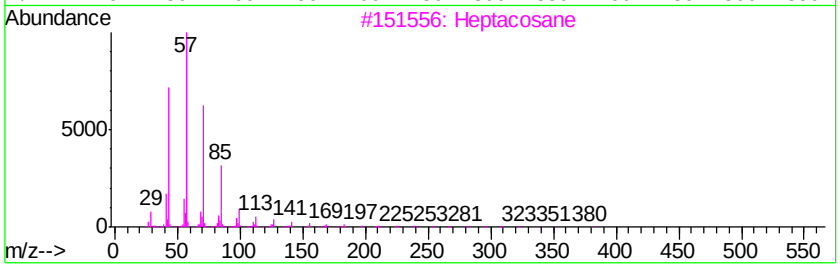
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	3.57 ng	1017640	Chrysene-d12	21.30

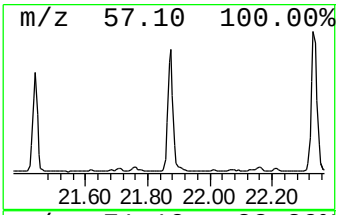
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Octadecane	254	C18H38	000593-45-3	87

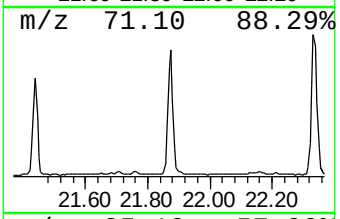


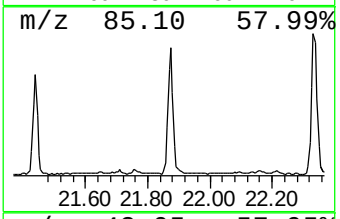


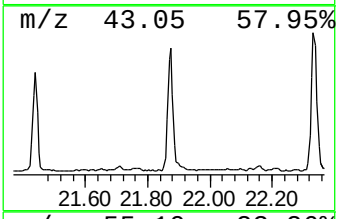


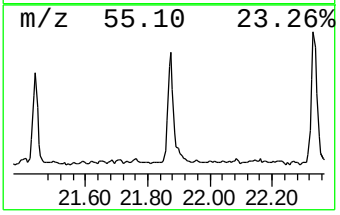












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Data File : BM018841.D
Acq On : 18 Feb 2019 16:48
Operator : JU/SJ
Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

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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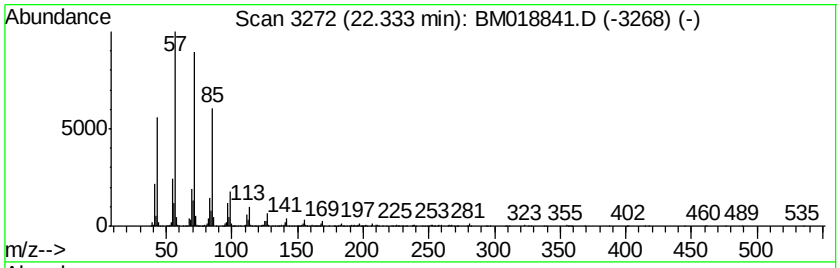
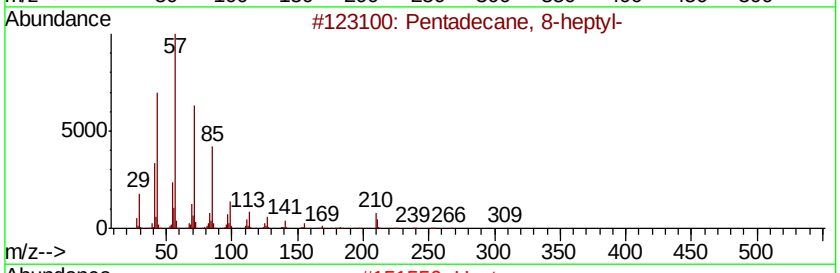
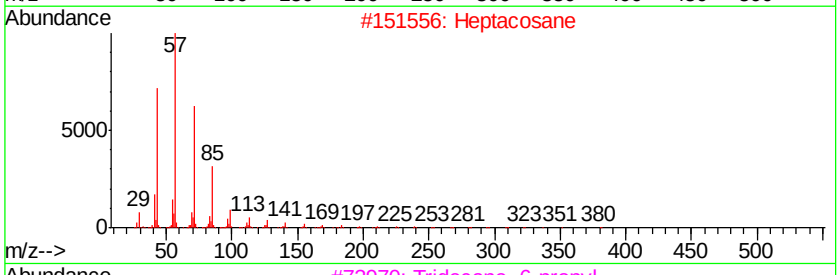
Peak Number 9 Pentadecane, 8-heptyl- Concentration Rank 7

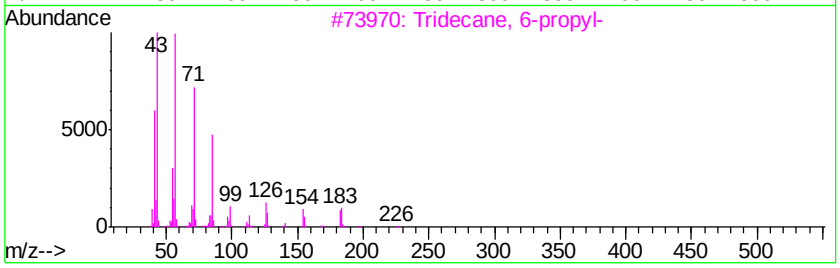
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	5.46 ng	1553820	Chrysene-d12	21.30

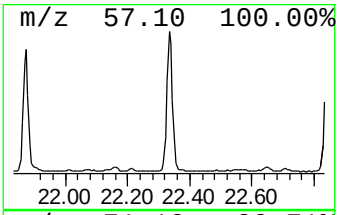
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5	Heneicosane	296	C21H44	000629-94-7	76

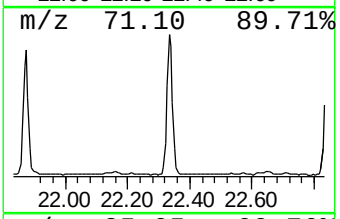


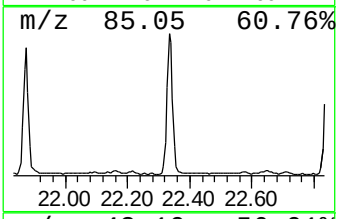


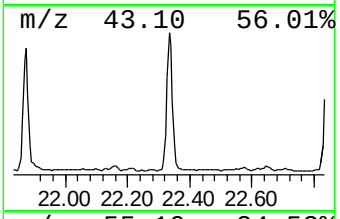


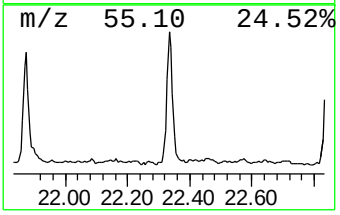












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018841.D
Acq On : 18 Feb 2019 16:48
Operator : JU/SJ
Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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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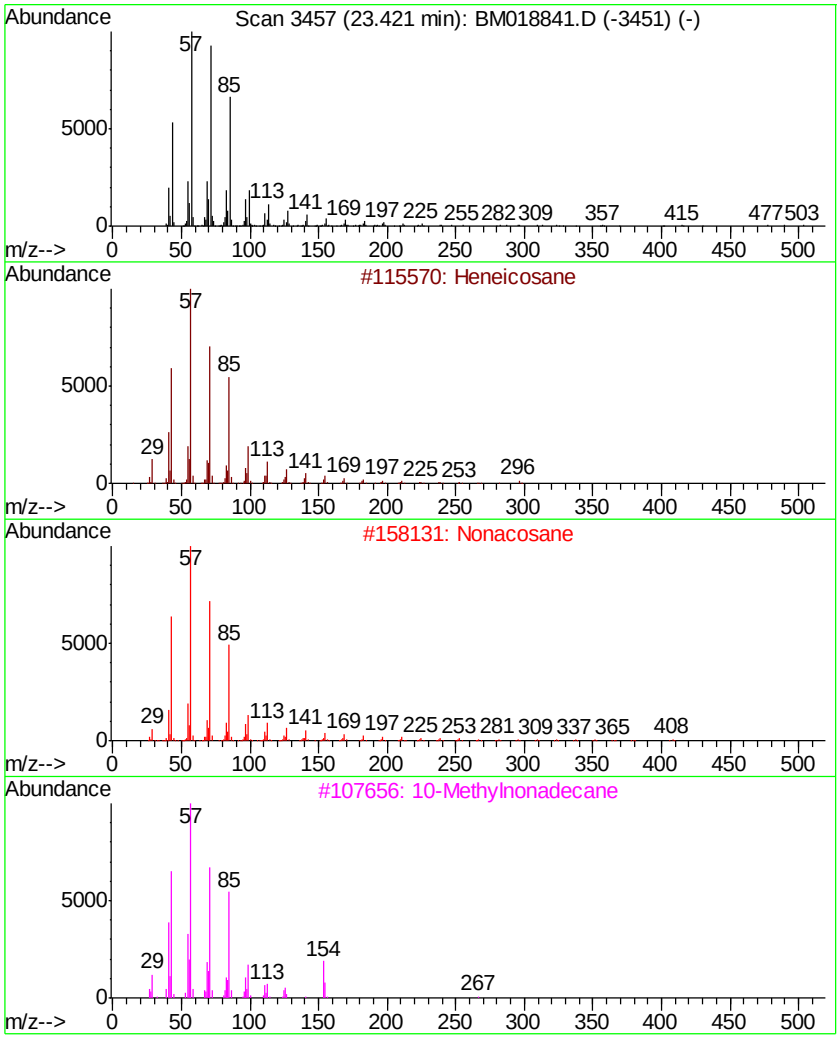
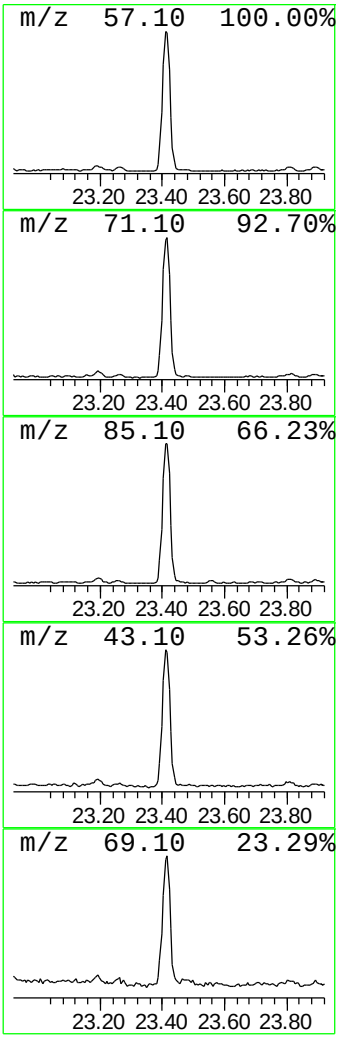
Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	6.47 ng	1208990	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	90
3	10-Methylnonadecane	282	C20H42	056862-62-5	90
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018841.D
Acq On : 18 Feb 2019 16:48
Operator : JU/SJ
Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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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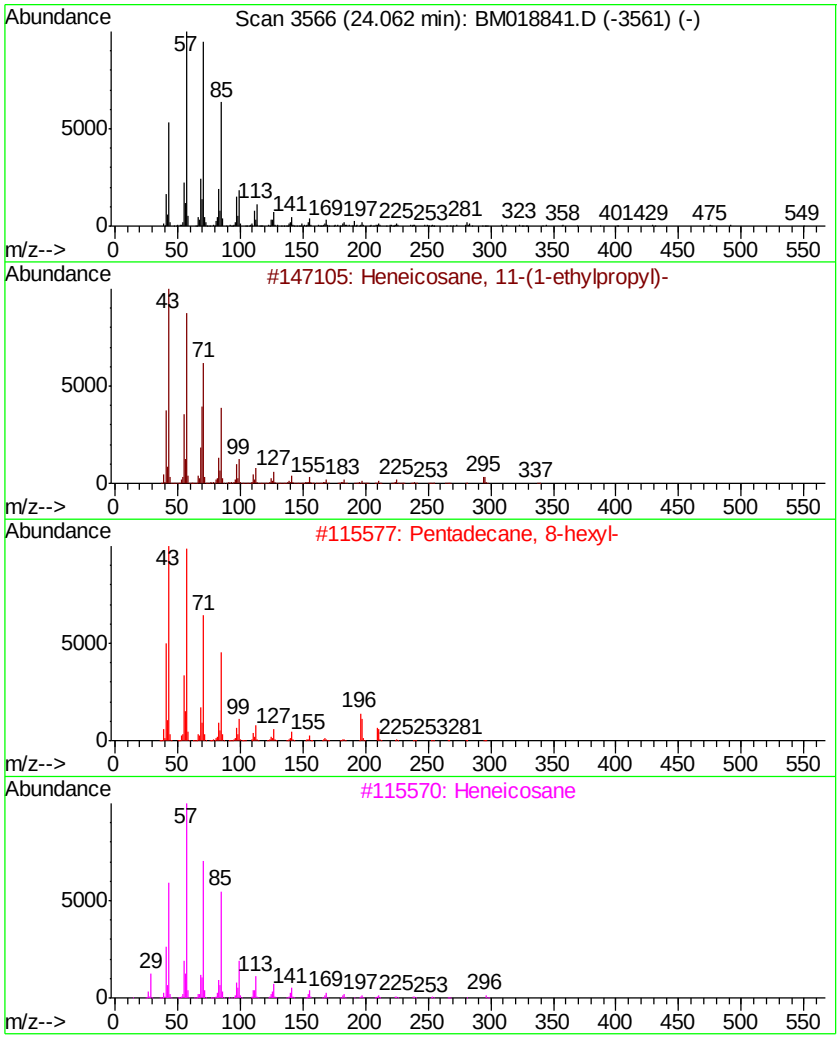
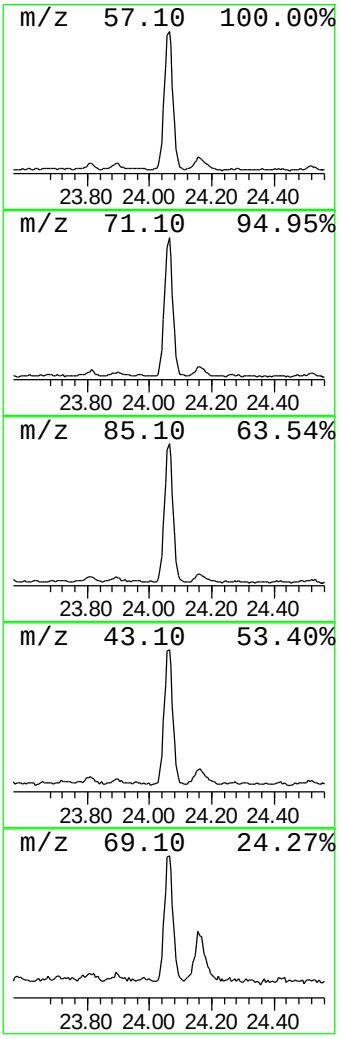
Peak Number 11 Heneicosane, 11-(1-ethylpro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	5.76 ng	1076450	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021819\
Data File : BM018841.D
Acq On : 18 Feb 2019 16:48
Operator : JU/SJ
Sample : K1518-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-4

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
Guanidine	4.86	3.3	ng	368020	1	7.70	2206600	20.0
unknown7.24	7.24	75.8	ng	8366530	1	7.70	2206600	20.0
n-Hexadecanoic acid	18.00	8.8	ng	2070620	4	17.10	4714790	20.0
Octadecanoic acid	19.28	4.8	ng	1357030	5	21.30	5695630	20.0
Ethanol, 2-(hexad...	21.00	5.8	ng	1642800	5	21.30	5695630	20.0
Hexadecane	21.44	3.3	ng	938320	5	21.30	5695630	20.0
Pentadecane, 8-he...	21.87	3.6	ng	1017640	5	21.30	5695630	20.0
Pentadecane, 8-he...	22.33	5.5	ng	1553820	5	21.30	5695630	20.0
Heneicosane	23.42	6.5	ng	1208990	6	23.56	3739770	20.0
Heneicosane, 11-(...	24.06	5.8	ng	1076450	6	23.56	3739770	20.0