LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018820.D
Acq On : 15 Feb 2019 17:06
Operator : JU/SJ
Sample : K1484-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-3-D

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	316	rVB	156940	245474	2.01%	0.290%
2	5.298	370	376	388	rBV	4018462	5798208	47.52%	6.850%
3	6.881	638	645	664	rBV	3940158	6355713	52.09%	7.509%
4	7.239	699	706	716	rBV	4082657	6412905	52.56%	7.577%
5	7.704	778	785	794	rBV	1215959	1962148	16.08%	2.318%
6	8.022	831	839	849	rBV	2883969	4622448	37.89%	5.461%
7	8.875	976	984	1000	rBV	2245108	3738942	30.65%	4.417%
8	10.498	1252	1260	1275	rBV	1562091	2728983	22.37%	3.224%
9	12.974	1674	1681	1698	rBV	5431834	8200395	67.21%	9.688%
10	13.821	1819	1825	1836	rBV	177996	297708	2.44%	0.352%
11	14.357	1905	1916	1924	rBV2	2291649	3585210	29.39%	4.236%
12	15.851	2163	2170	2195	rBV	4119493	6671422	54.68%	7.882%
13	17.109	2377	2384	2388	rBV	2949602	4344040	35.60%	5.132%
14	17.151	2388	2391	2400	rVV	589494	860983	7.06%	1.017%
15	17.245	2402	2407	2416	rVB	108685	182881	1.50%	0.216%
16	17.992	2529	2534	2538	rBV2	317140	468014	3.84%	0.553%
17	18.033	2538	2541	2546	rVB	85684	127529	1.05%	0.151%
18	18.180	2561	2566	2570	rBV2	93803	157066	1.29%	0.186%
19	19.174	2726	2735	2744	rBV	763570	1060139	8.69%	1.253%
20	19.280	2749	2753	2759	rBV2	90261	134886	1.11%	0.159%
21	19.509	2787	2792	2793	rBV	129511	167913	1.38%	0.198%
22	19.539	2793	2797	2805	rVB	596338	836341	6.85%	0.988%
23	19.745	2825	2832	2843	rBV	10190259	12200756	100.00%	14.415%
24	20.039	2878	2882	2887	rVB2	120937	176339	1.45%	0.208%
25	21.003	3042	3046	3055	rBV4	498757	753977	6.18%	0.891%
26	21.303	3090	3097	3101	rBV	4335300	5701673	46.73%	6.736%
27	21.339	3101	3103	3110	rVB	306898	358220	2.94%	0.423%
28	21.444	3117	3121	3127	rBV3	213609	300331	2.46%	0.355%
29	21.874	3191	3194	3198	rVB	240567	257712	2.11%	0.304%
30	22.339	3269	3273	3280	rBV	360702	495935	4.06%	0.586%
31	22.850	3356	3360	3363	rBV	271821	440165	3.61%	0.520%
32	23.415	3453	3456	3460	rBV	195426	271752	2.23%	0.321%
33	23.562	3474	3481	3497	rVB	2427289	4725187	38.73%	5.583%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018820.D
Acq On : 15 Feb 2019 17:06
Operator : JU/SJ
Sample : K1484-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
M-3-D

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: 84641395

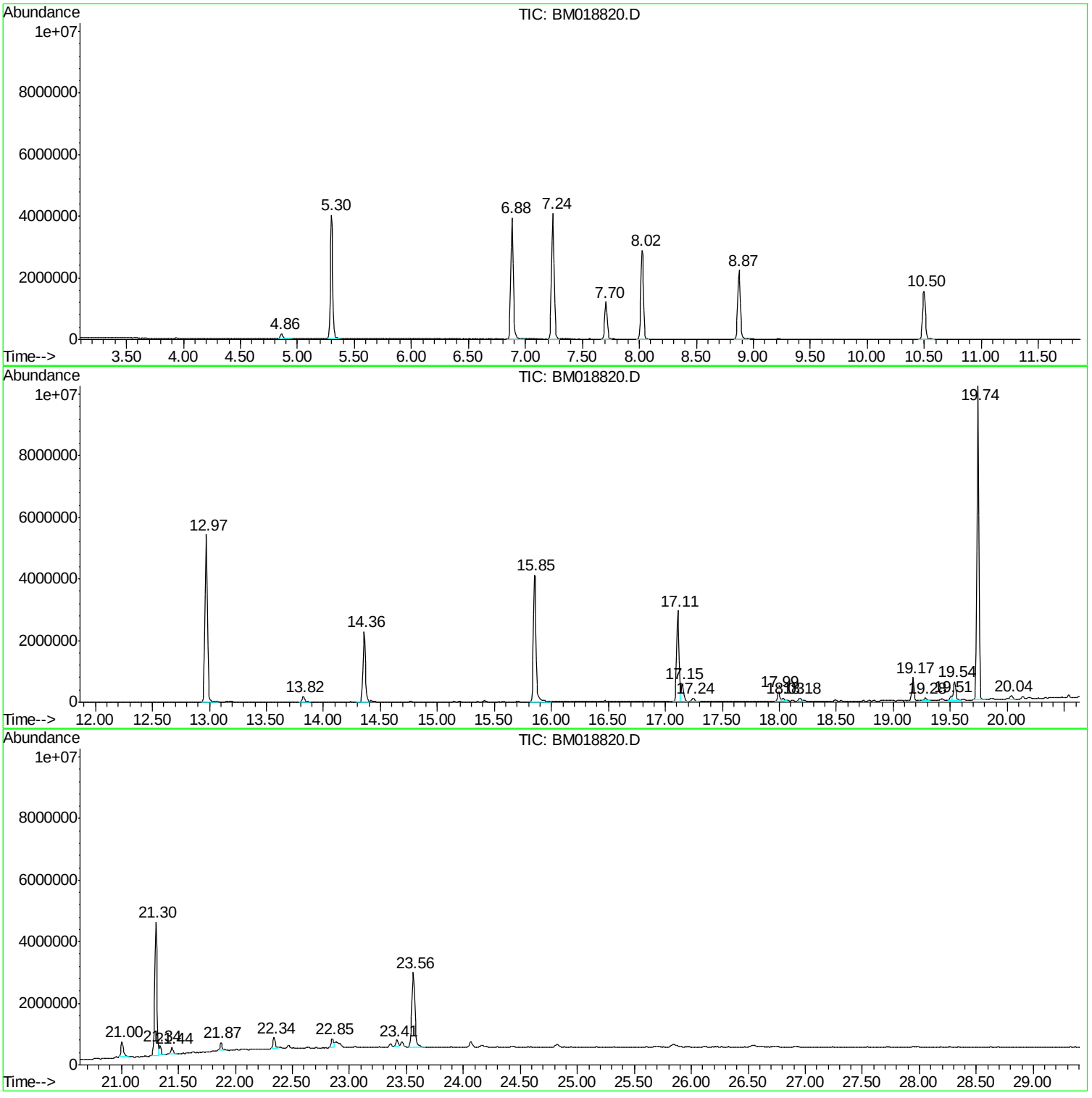
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018820.D
Acq On : 15 Feb 2019 17:06
Operator : JU/SJ
Sample : K1484-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-3-D

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018820.D
Acq On : 15 Feb 2019 17:06
Operator : JU/SJ
Sample : K1484-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-3-D

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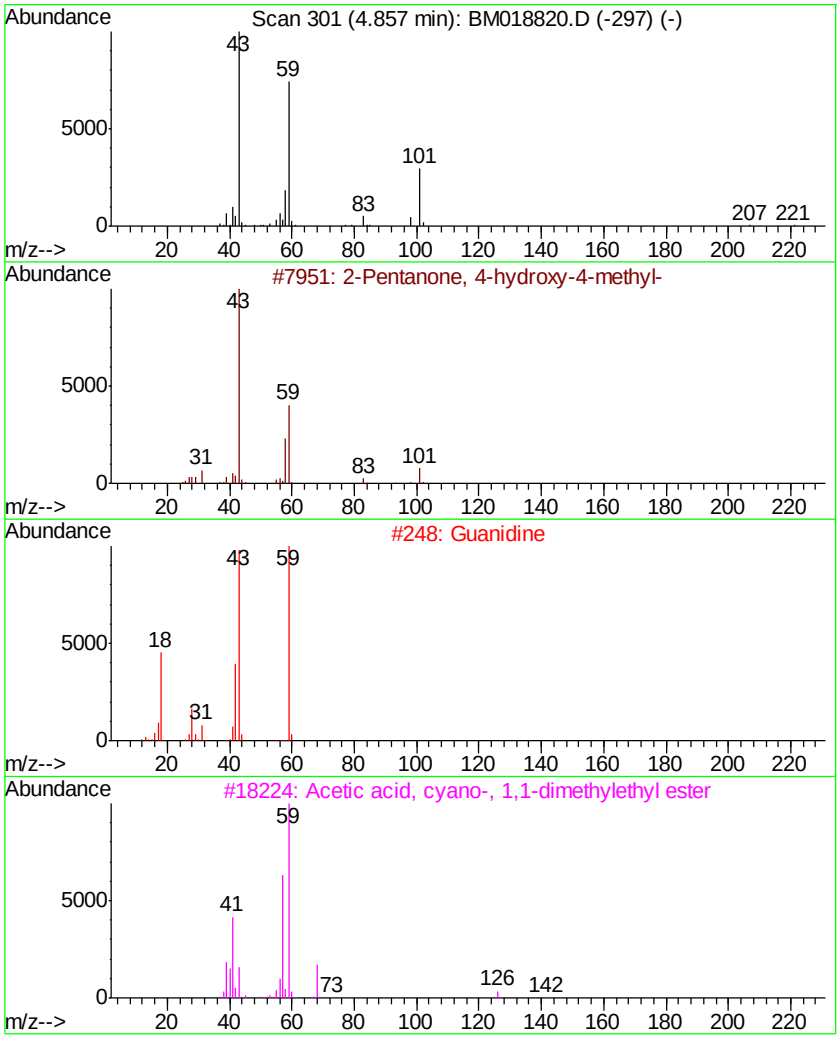
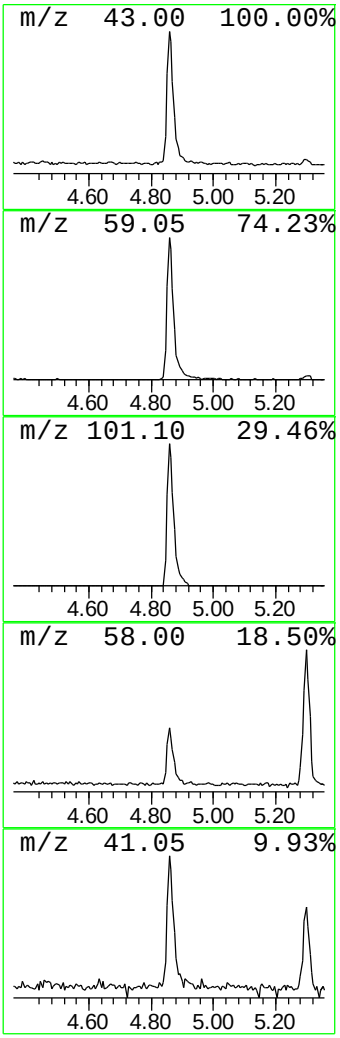
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	2.50 ng	245474	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
5	Acetic acid, chloro-, 1,1-dimeth...	150	C6H11ClO2	000107-59-5	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018820.D
Acq On : 15 Feb 2019 17:06
Operator : JU/SJ
Sample : K1484-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-3-D

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

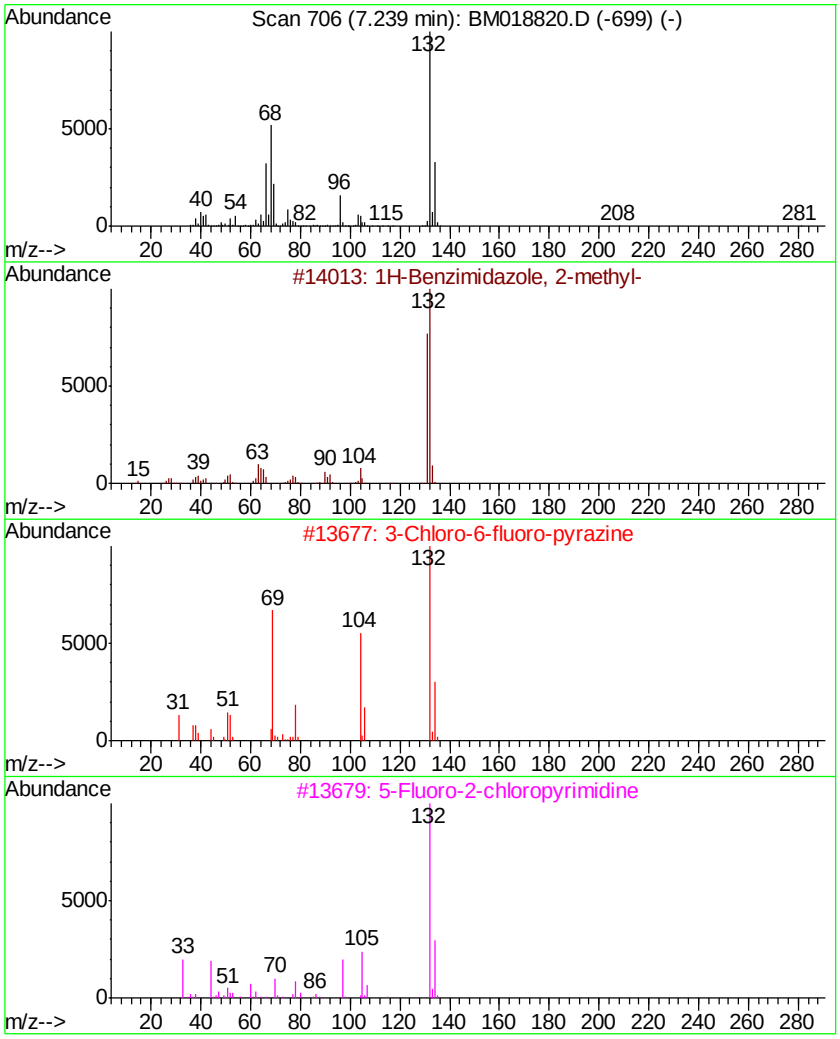
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

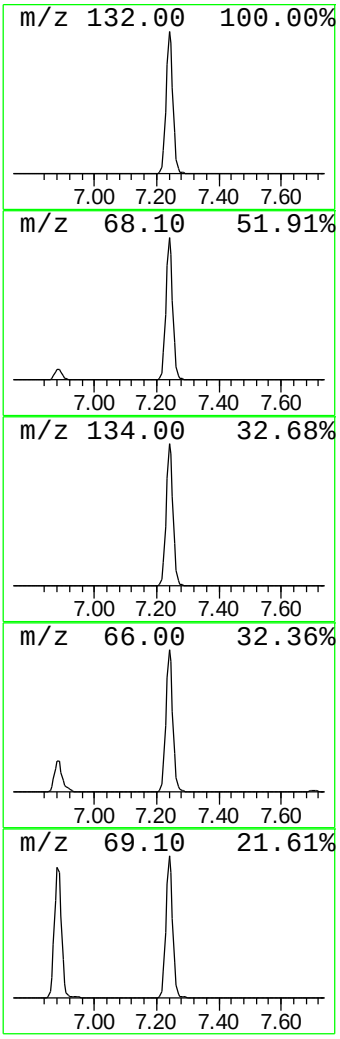
****

Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	65.37 ng	6412910	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018820.D
Acq On : 15 Feb 2019 17:06
Operator : JU/SJ
Sample : K1484-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-3-D

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

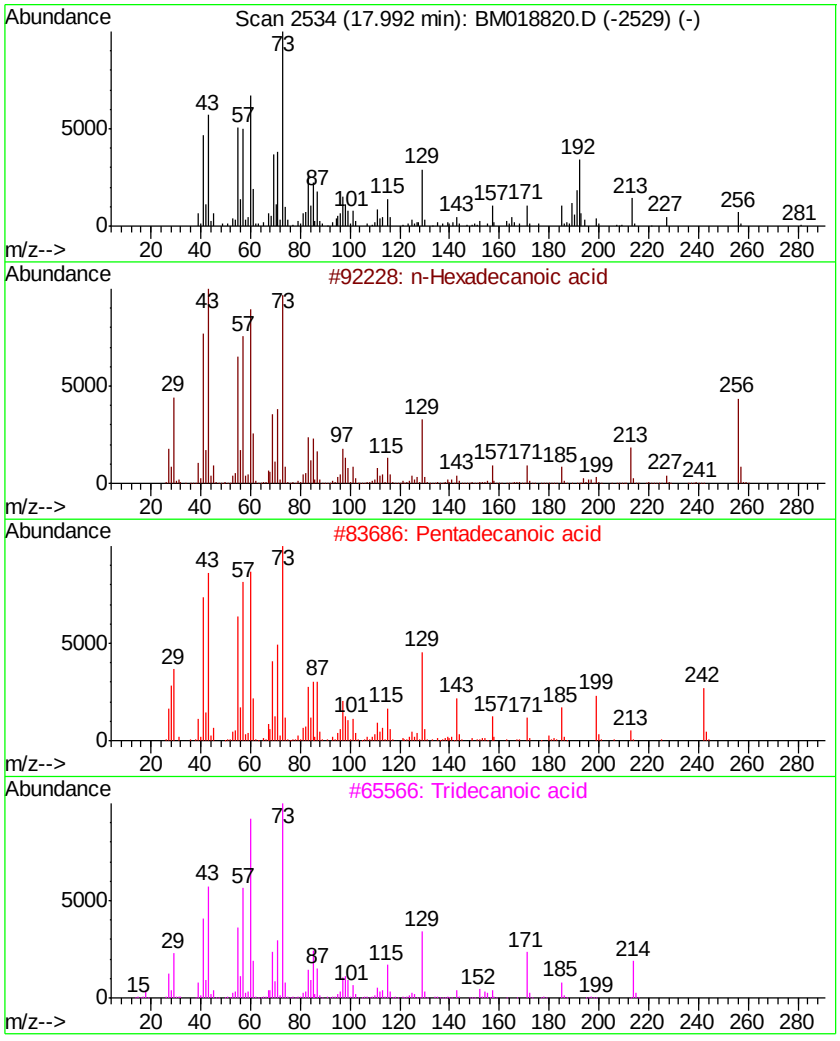
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

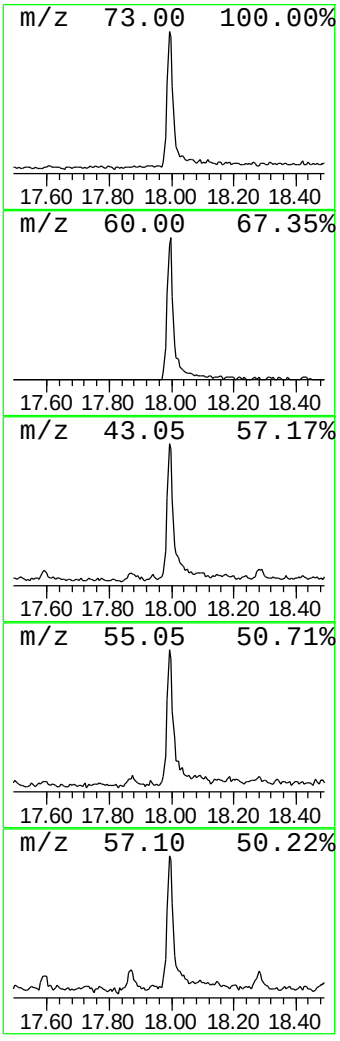
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.15 ng	468014	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018820.D
Acq On : 15 Feb 2019 17:06
Operator : JU/SJ
Sample : K1484-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-3-D

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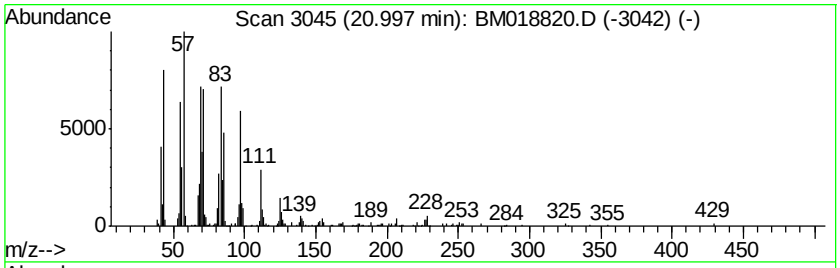
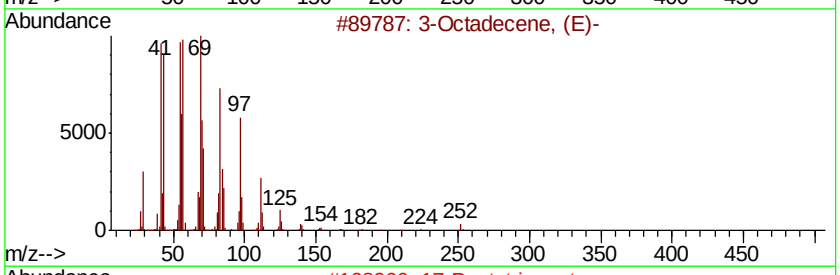
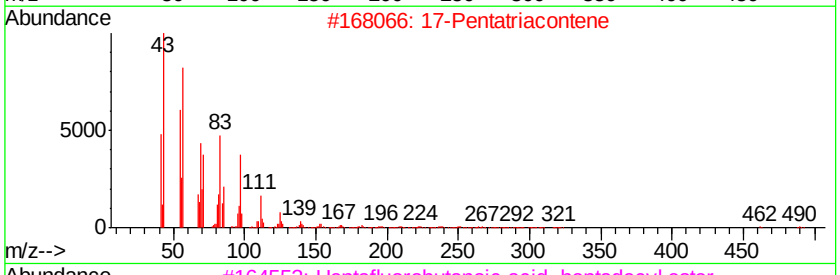
Peak Number 5 3-Octadecene, (E)- Concentration Rank 3

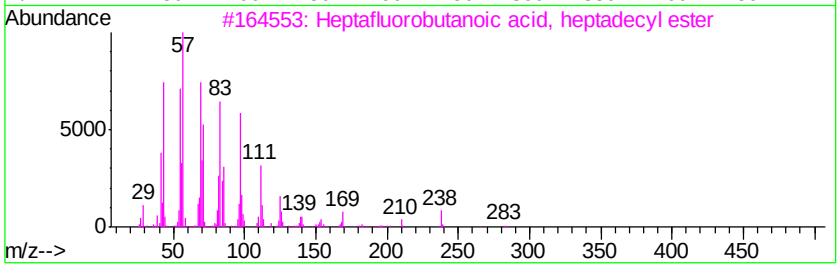
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.64 ng	753977	Chrysene-d12	21.30

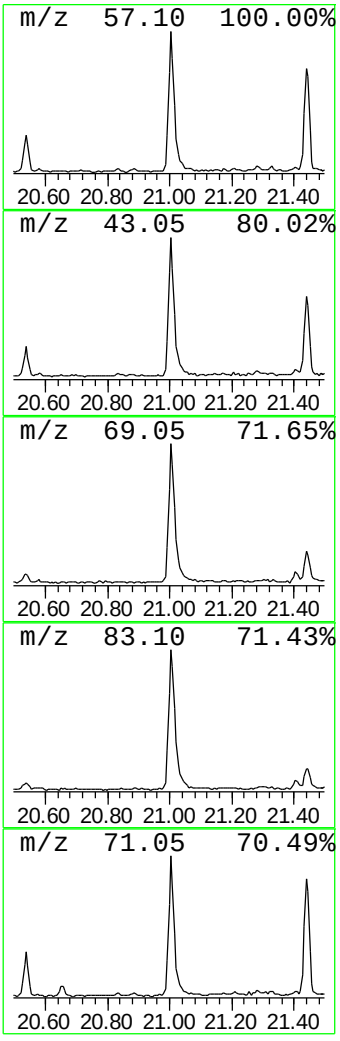
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81
4	1-Octadecanol	270	C18H38O	000112-92-5	70
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
Data File : BM018820.D
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Sample : K1484-15
Misc :
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Instrument : BNA_M
ClientSampleId : M-3-D

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	2.5	ng	245474	1	7.71	1962150	20.0
unknown7.24	7.24	65.4	ng	6412910	1	7.71	1962150	20.0
n-Hexadecanoic acid	17.99	2.1	ng	468014	4	17.11	4344040	20.0
3-Octadecene, (E)-	21.00	2.6	ng	753977	5	21.30	5701670	20.0