LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017598.D
Acq On : 09 Nov 2018 19:12
Operator : MJ/SJ
Sample : J5269-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-13-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-BM101718.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	3.904	150	156	171	rVB	12421827	17249957	78.90%	12.338%
2	4.798	300	308	321	rBV	262444	397852	1.82%	0.285%
3	5.245	377	384	399	rBV	6948938	9876822	45.18%	7.065%
4	6.816	642	651	664	rBV	6668218	11686377	53.46%	8.359%
5	7.163	701	710	720	rBV	6951682	11029057	50.45%	7.889%
6	7.616	780	787	796	rBV	1061907	1732689	7.93%	1.239%
7	7.934	833	841	852	rBV	4845835	7759519	35.49%	5.550%
8	8.775	976	984	999	rBV	3943660	6751631	30.88%	4.829%
9	10.392	1250	1259	1279	rBV	1258164	2354722	10.77%	1.684%
10	12.880	1674	1682	1708	rBV	10228335	14800994	67.70%	10.587%
11	13.733	1821	1827	1841	rBV	402812	706930	3.23%	0.506%
12	14.263	1910	1917	1934	rBV2	1936356	3140680	14.37%	2.246%
13	15.762	2165	2172	2194	rBV	9079368	13237512	60.55%	9.468%
14	17.015	2379	2385	2402	rBV2	2450272	3871118	17.71%	2.769%
15	17.927	2534	2540	2552	rBV	1045613	1508976	6.90%	1.079%
16	19.215	2754	2759	2769	rBV2	300019	476190	2.18%	0.341%
17	19.662	2828	2835	2840	rBV	17779082	21861747	100.00%	15.637%
18	20.939	3047	3052	3064	rBV	1106341	1631651	7.46%	1.167%
19	21.215	3094	3099	3110	rBV	3637236	4944815	22.62%	3.537%
20	23.415	3466	3473	3484	rVB	2268960	4350464	19.90%	3.112%
21	24.021	3572	3576	3586	rVB5	199317	438811	2.01%	0.314%

Sum of corrected areas: 139808514

LSC Report - Integrated Chromatogram

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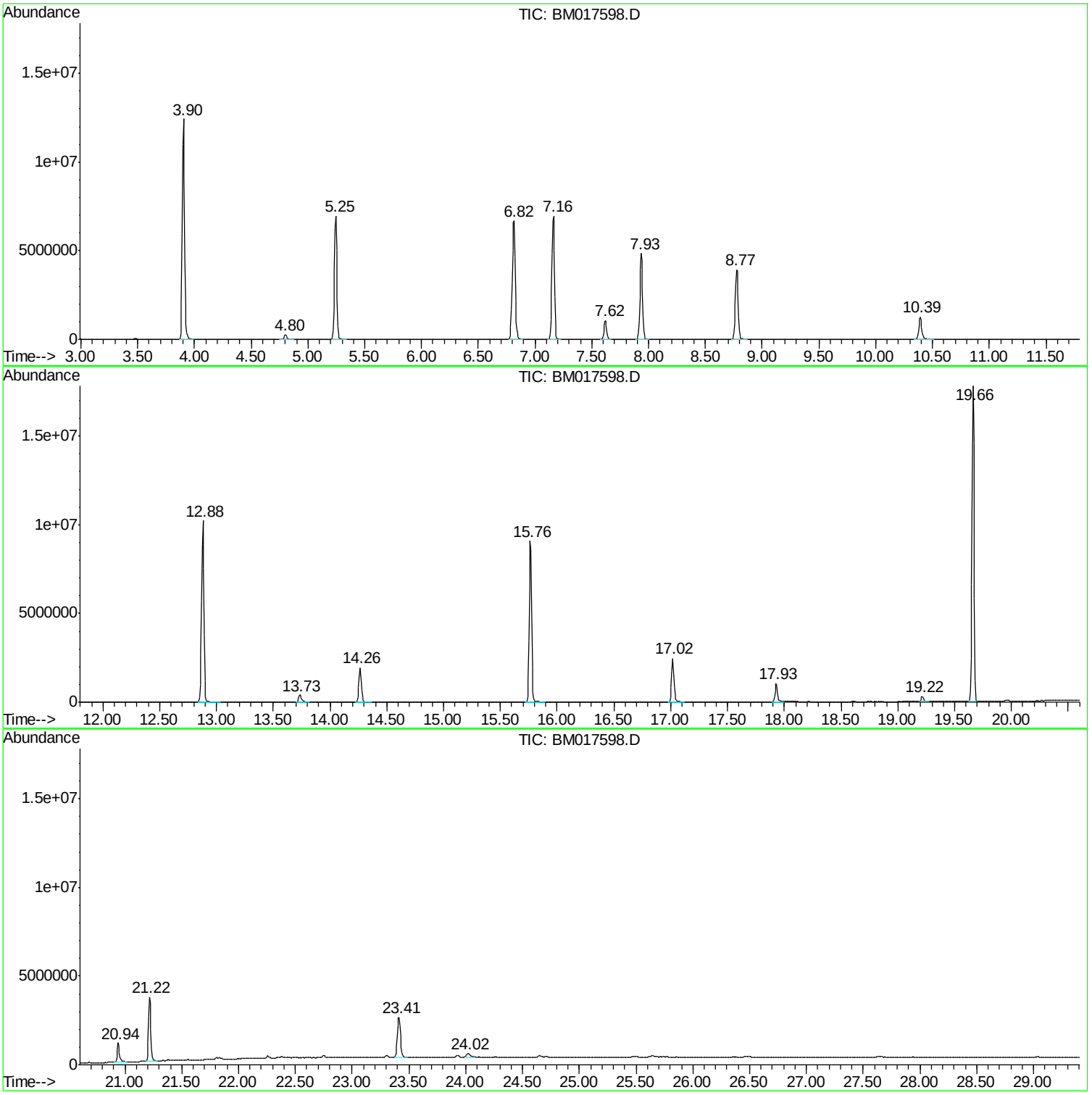
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-13-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.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 : BM017598.D
Acq On : 09 Nov 2018 19:12
Operator : MJ/SJ
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Misc :
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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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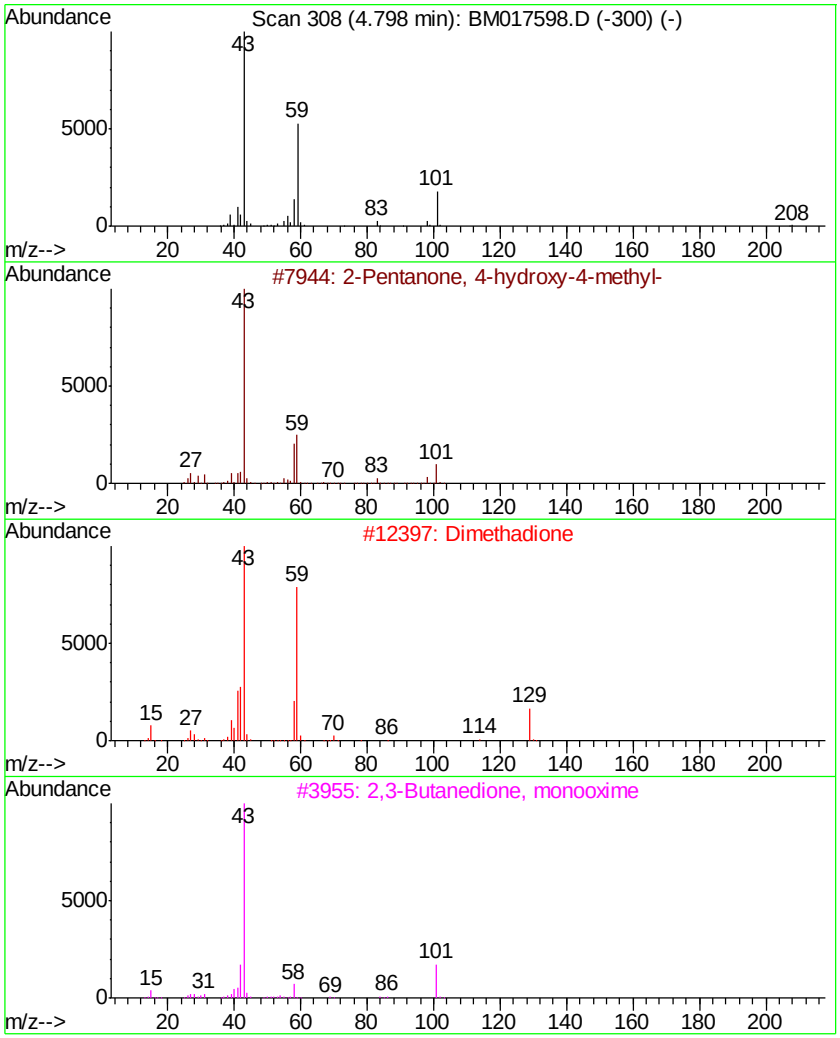
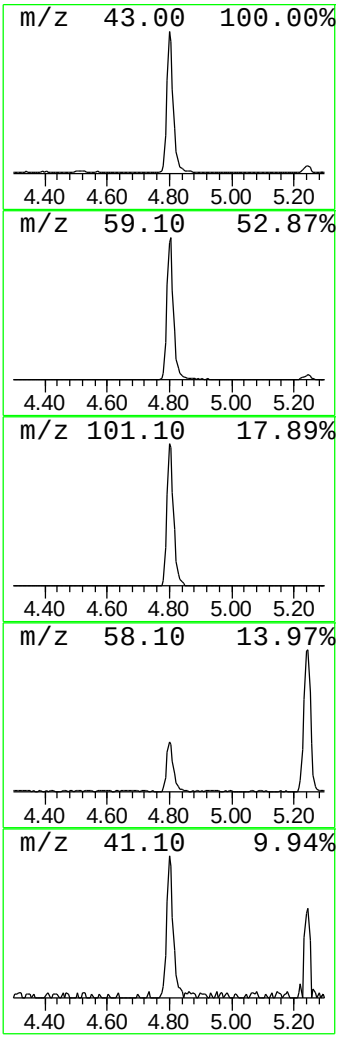
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	4.59 ng	397852	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Dimethadione	129	C5H7NO3	000695-53-4	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





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Operator : MJ/SJ
Sample : J5269-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-13-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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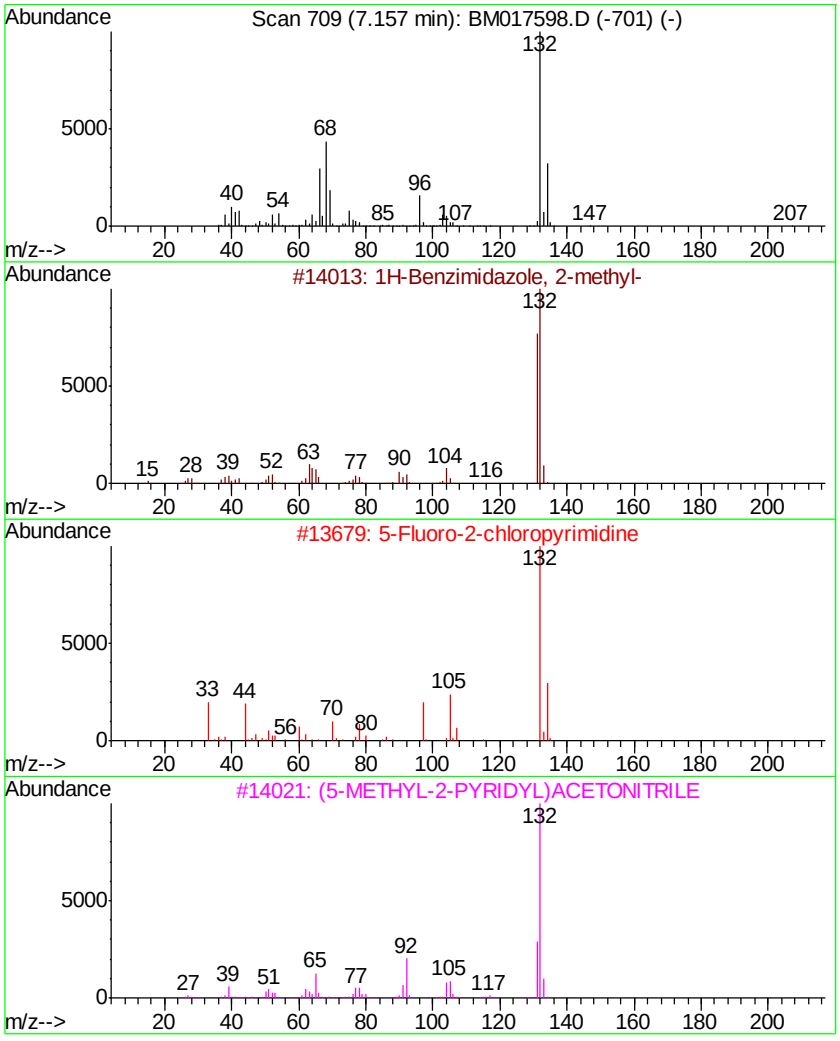
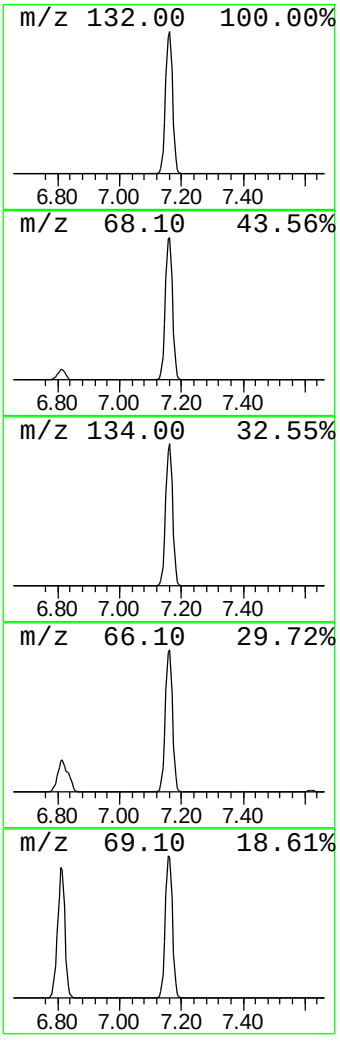
Peak Number 3 unknown7.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	127.31 ng	11029100	1,4-Dichlorobenzene-d4	7.62

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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Acq On : 09 Nov 2018 19:12
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Sample : J5269-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-13-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
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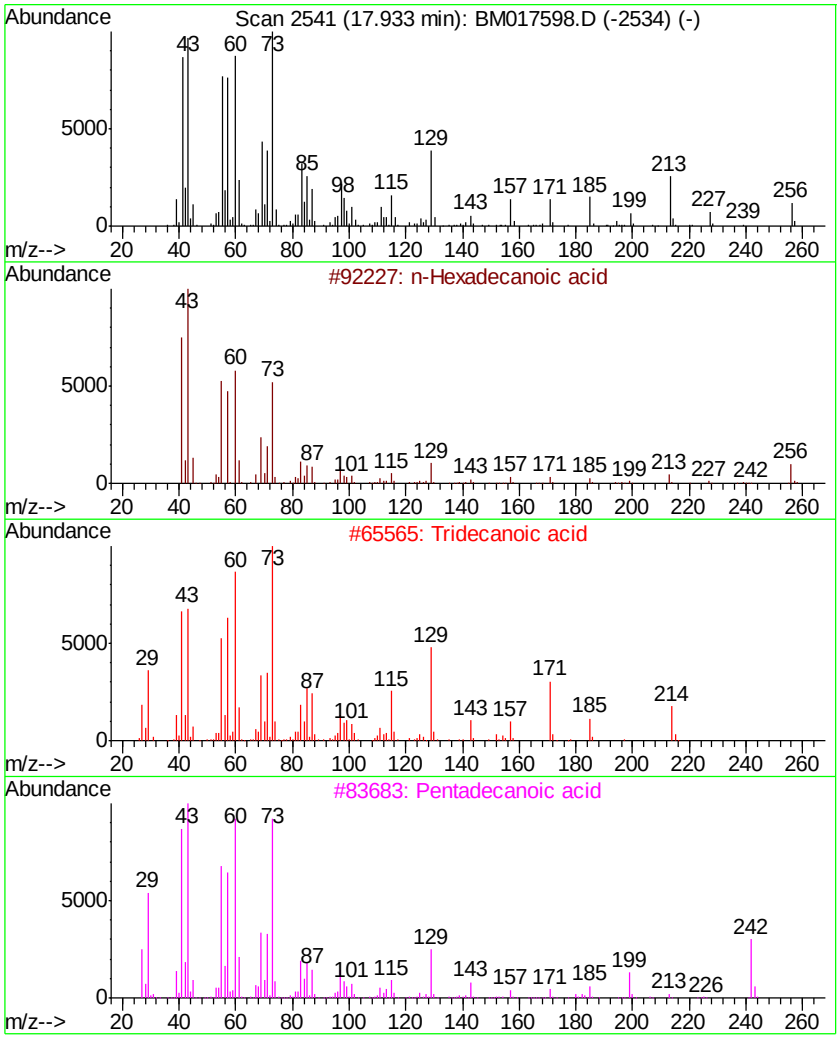
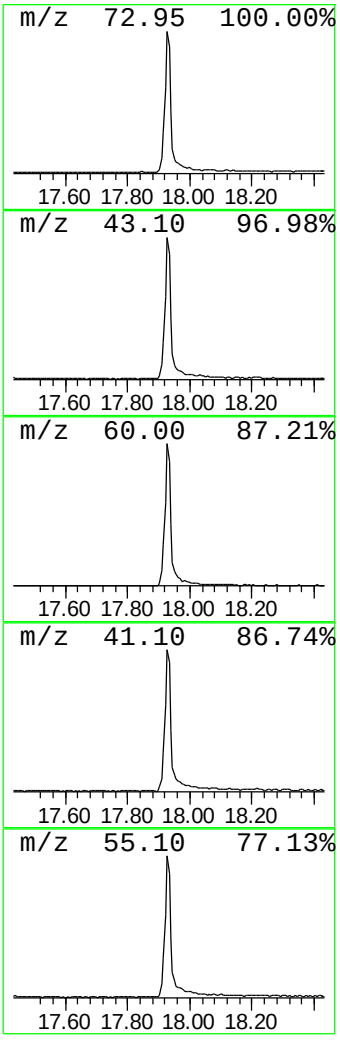
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.80 ng	1508980	Phenanthrene-d10	17.02

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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Data File : BM017598.D
Acq On : 09 Nov 2018 19:12
Operator : MJ/SJ
Sample : J5269-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-13-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
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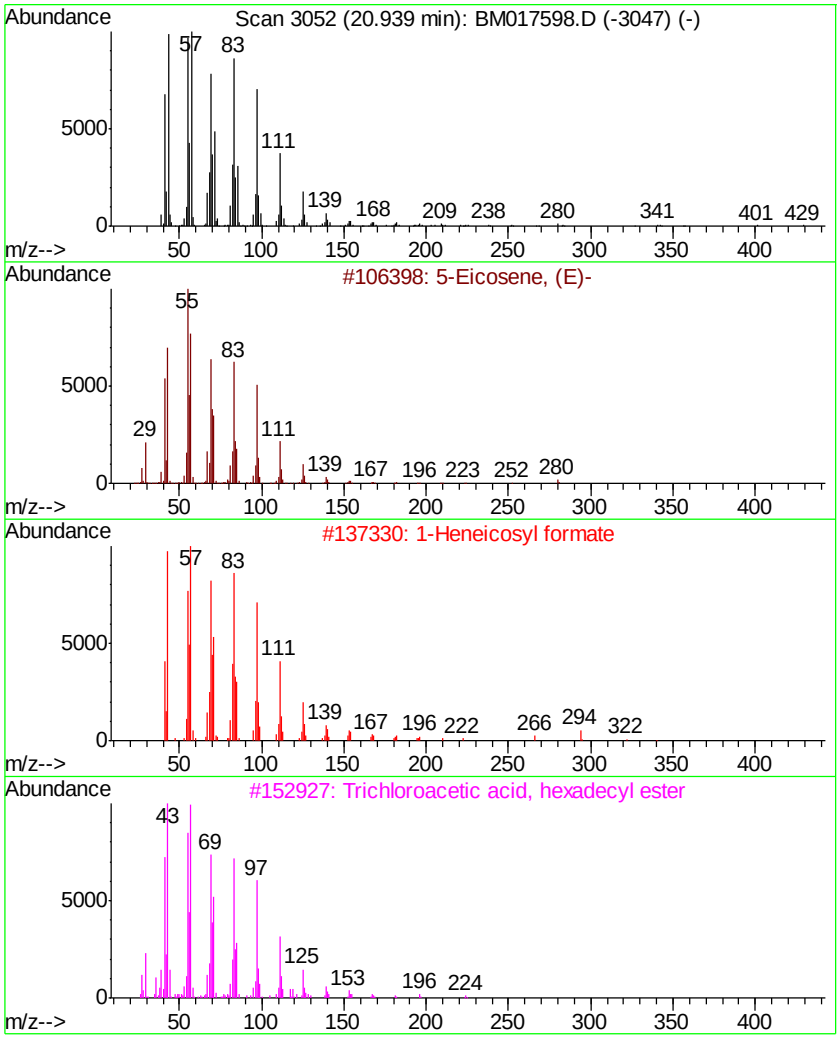
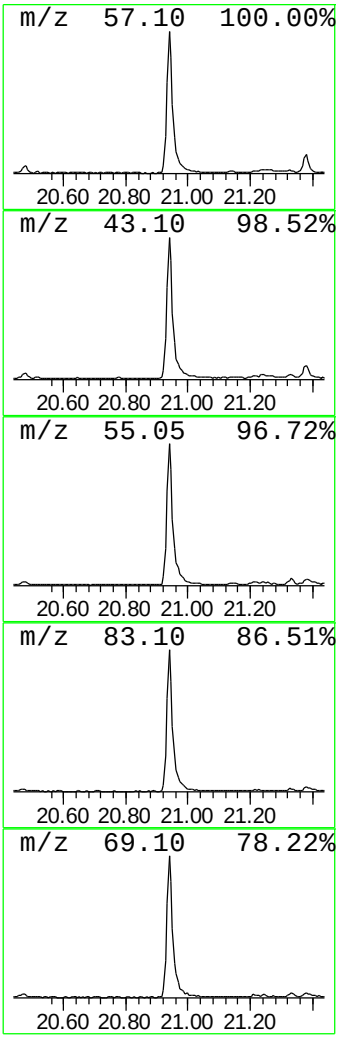
Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.60 ng	1631650	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91





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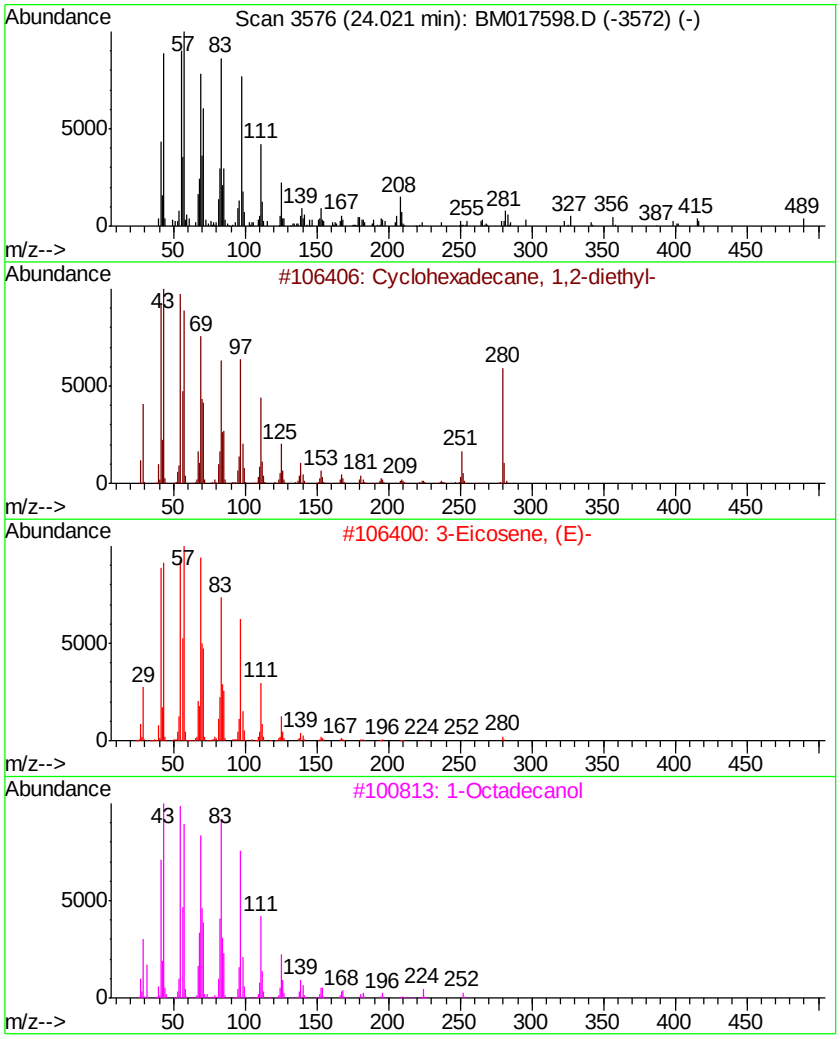
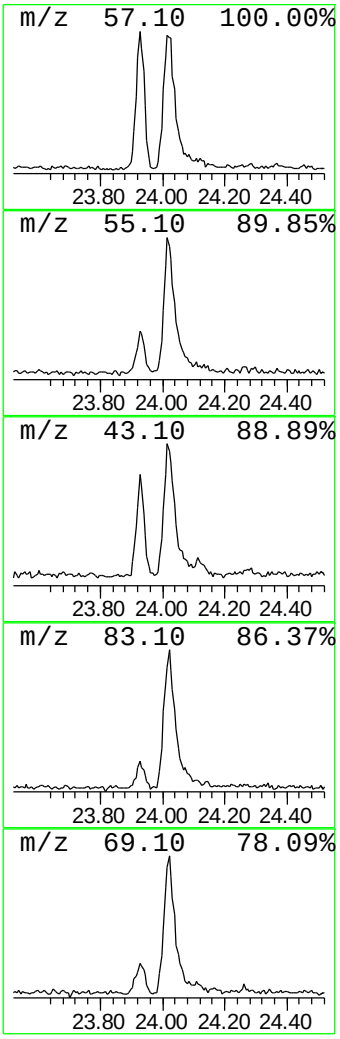
****

Peak Number 7 Cyclohexadecane, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.02 ng	438811	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Octadecanol	270	C18H38O	000112-92-5	90
4	Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	4.6	ng	397852	1	7.62	1732690	20.0
unknown7.16	7.16	127.3	ng	11029100	1	7.62	1732690	20.0
n-Hexadecanoic acid	17.93	7.8	ng	1508980	4	17.02	3871120	20.0
5-Eicosene, (E)-	20.94	6.6	ng	1631650	5	21.22	4944820	20.0
Cyclohexadecane, ...	24.02	2.0	ng	438811	6	23.41	4350460	20.0