LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016281.D
Acq On : 09 Aug 2018 14:50
Operator : SJ/JU
Sample : J4356-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-07

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-BM072318.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	5.187	318	323	332	rBV	67908	100896	3.15%	0.663%
2	5.381	352	356	363	rBV2	23030	35439	1.11%	0.233%
3	5.663	399	404	422	rVB	492322	785708	24.52%	5.160%
4	7.310	678	684	694	rBV	295269	509658	15.90%	3.347%
5	7.663	738	744	754	rBV	946714	1488664	46.46%	9.776%
6	8.134	818	824	831	rBV	170953	284889	8.89%	1.871%
7	8.451	871	878	889	rVB	877570	1422825	44.40%	9.343%
8	9.322	1017	1026	1033	rBV	648360	1065036	33.24%	6.994%
9	10.951	1296	1303	1311	rBV	181988	319379	9.97%	2.097%
10	12.880	1624	1631	1641	rVB7	14296	39857	1.24%	0.262%
11	13.386	1709	1717	1724	rBV	1491750	2127624	66.40%	13.971%
12	14.221	1855	1859	1864	rVB	37092	50832	1.59%	0.334%
13	14.768	1946	1952	1959	rVB2	244279	376725	11.76%	2.474%
14	14.863	1963	1968	1975	rBV3	40619	109991	3.43%	0.722%
15	16.257	2199	2205	2214	rBV	1233320	1751530	54.66%	11.502%
16	17.504	2411	2417	2424	rBV2	287865	419227	13.08%	2.753%
17	18.356	2558	2562	2569	rBV	67040	97852	3.05%	0.643%
18	20.086	2850	2856	2862	rBV	2666887	3204489	100.00%	21.043%
19	21.297	3060	3062	3066	rBV4	30260	36969	1.15%	0.243%
20	21.633	3114	3119	3124	rBV	391757	504425	15.74%	3.312%
21	23.968	3511	3516	3526	rVB	247034	496344	15.49%	3.259%

Sum of corrected areas: 15228359

LSC Report - Integrated Chromatogram

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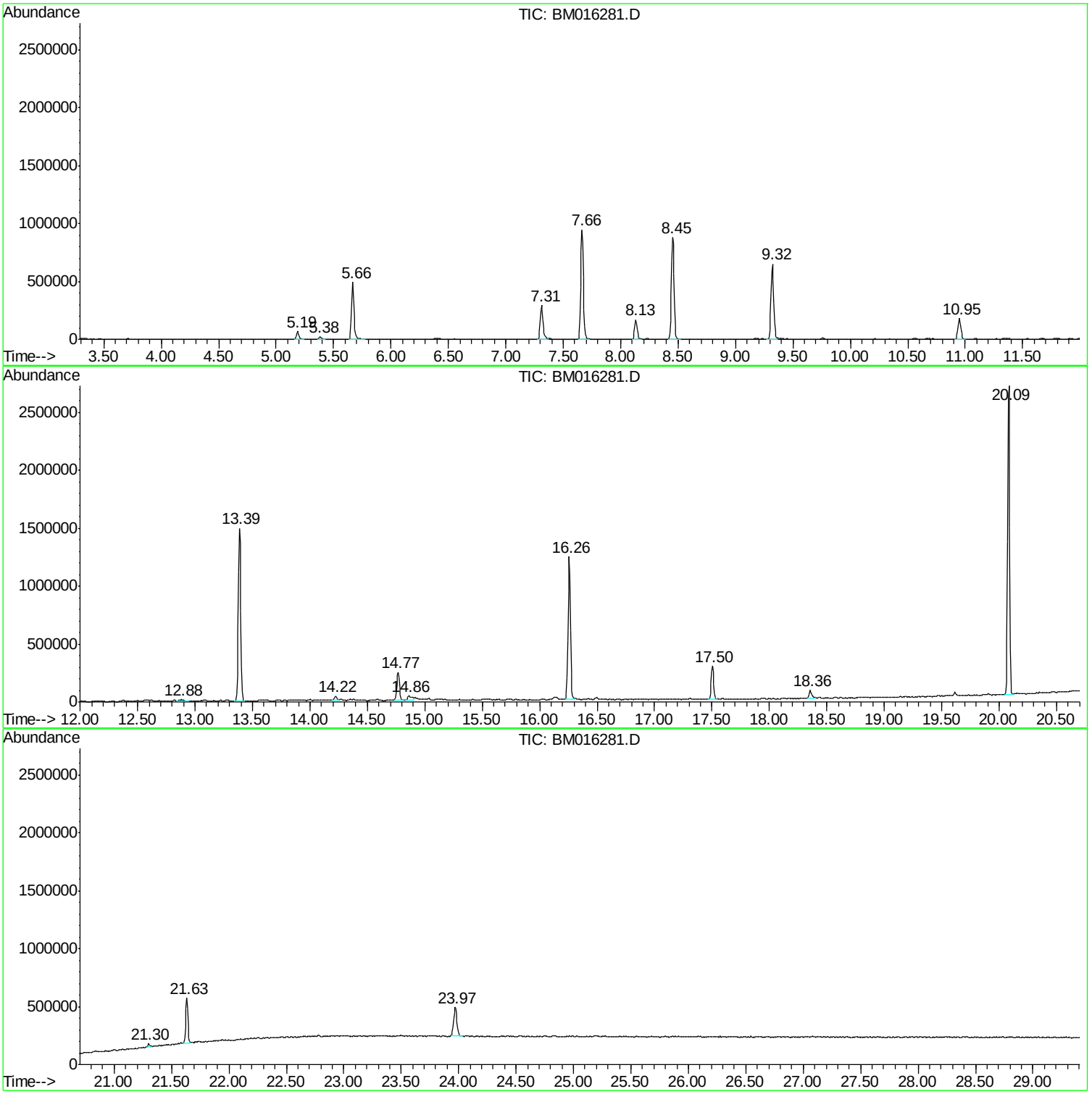
Sample : J4356-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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Data File : BM016281.D
Acq On : 09 Aug 2018 14:50
Operator : SJ/JU
Sample : J4356-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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TIC Integration Parameters: LSCINT.P

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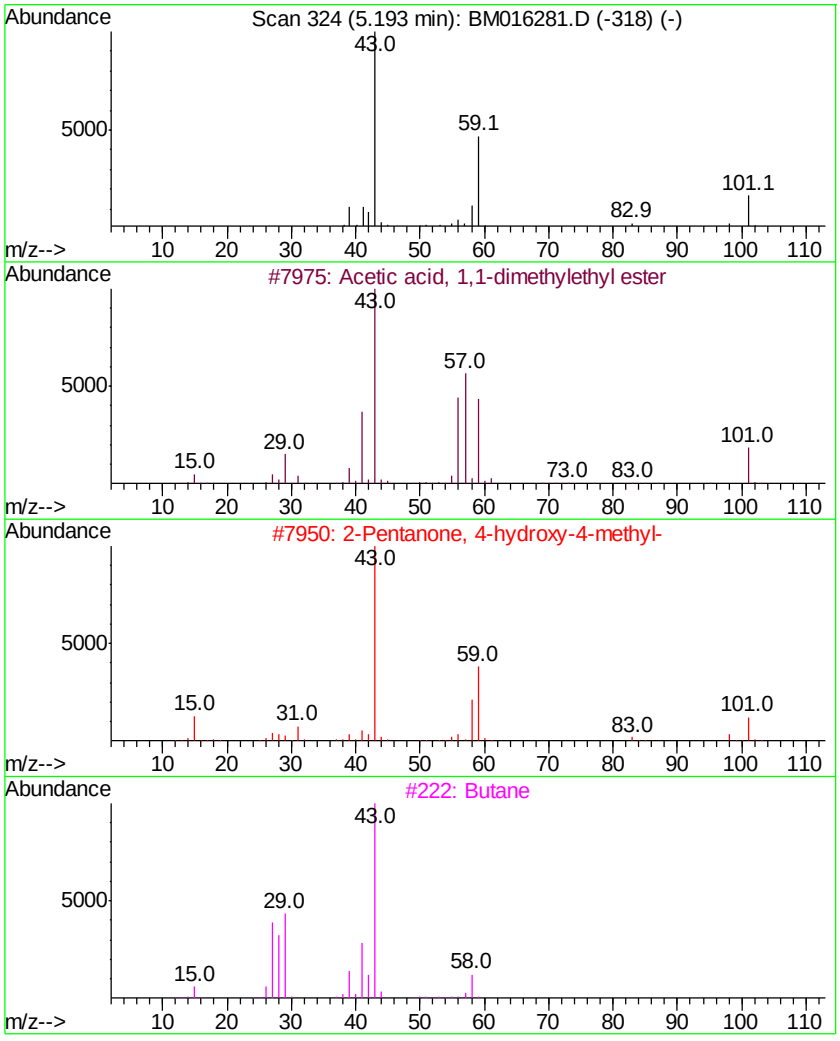
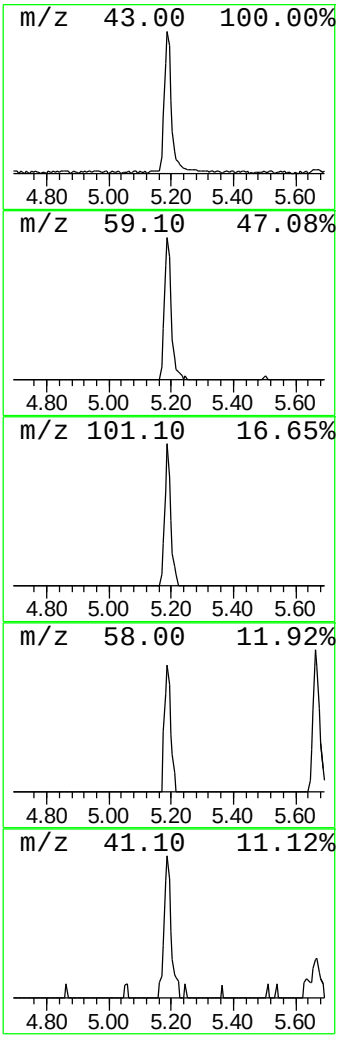
Peak Number 1 unknown5.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	7.08 ng	100896	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3	Butane	58	C4H10	000106-97-8	22
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	9





Library Search Compound Report

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Data File : BM016281.D
Acq On : 09 Aug 2018 14:50
Operator : SJ/JU
Sample : J4356-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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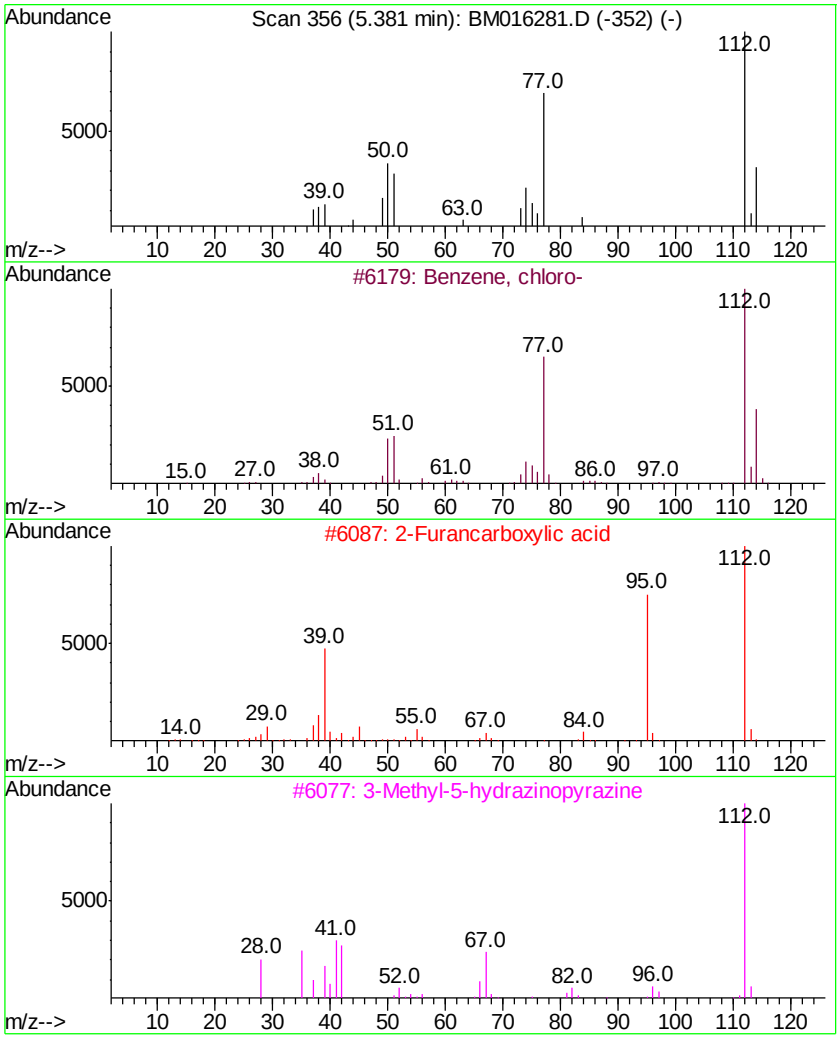
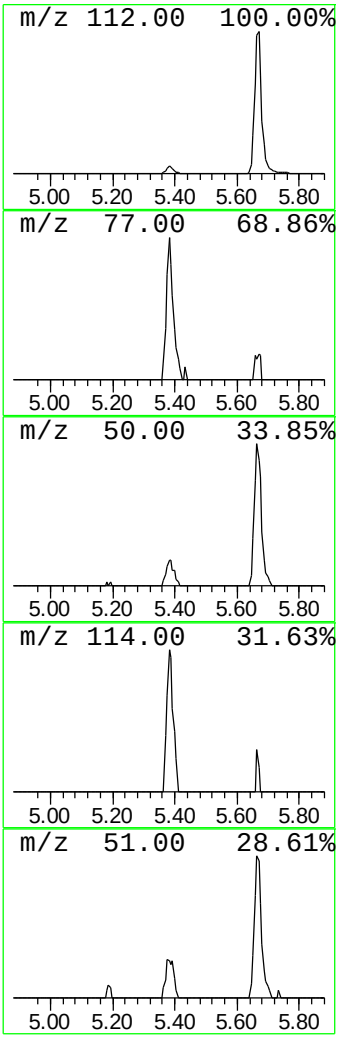
Peak Number 2 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	2.49 ng	35439	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	87
2	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	35
3	3-Methyl-5-hydrazinopyrazine	112	C4H8N4	067790-09-4	9
4	3-Furancarboxylic acid	112	C5H4O3	000488-93-7	9
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	9





Library Search Compound Report

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Data File : BM016281.D
Acq On : 09 Aug 2018 14:50
Operator : SJ/JU
Sample : J4356-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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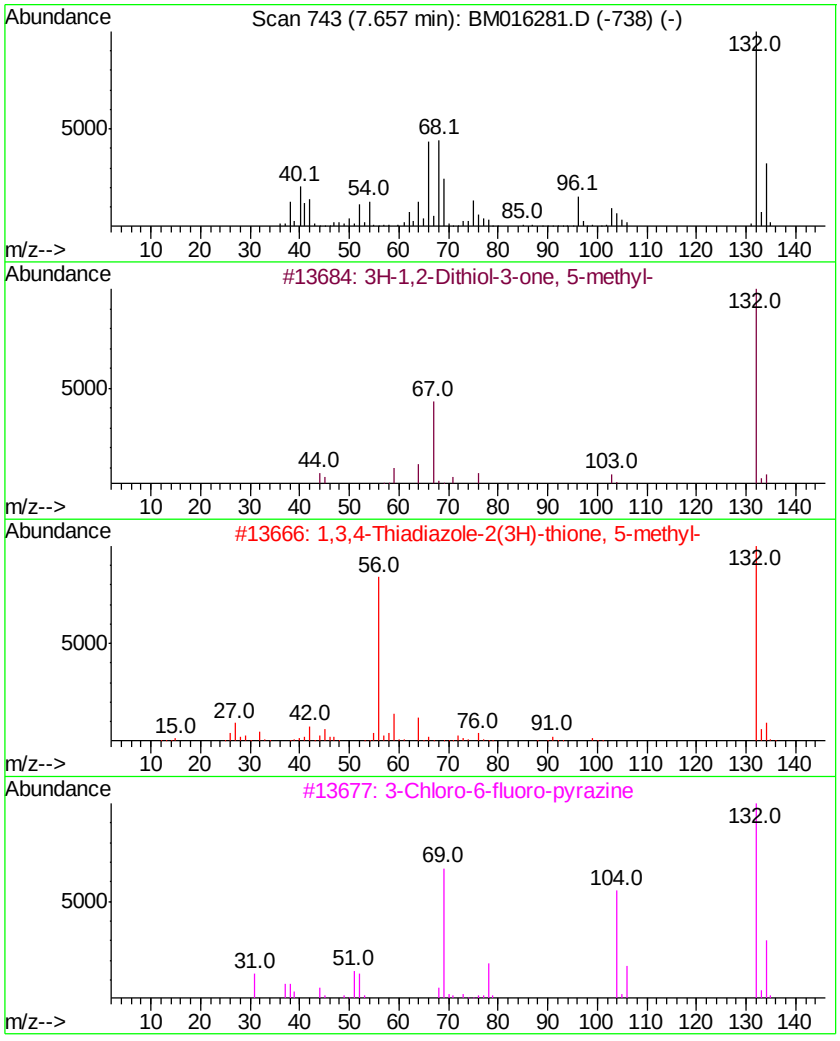
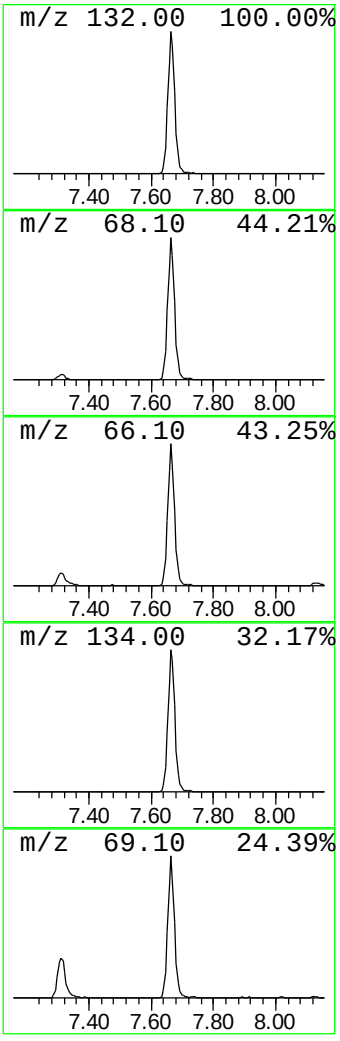
Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	104.51 ng	1488660	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12





Library Search Compound Report

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Data File : BM016281.D
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Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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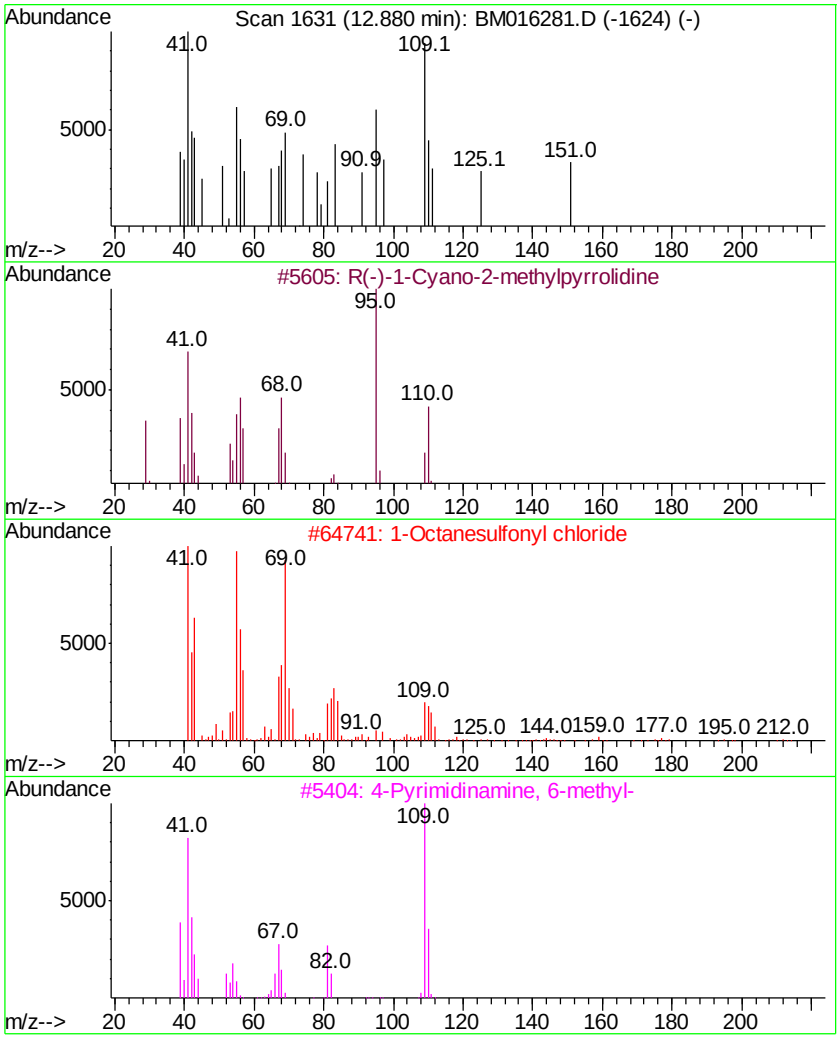
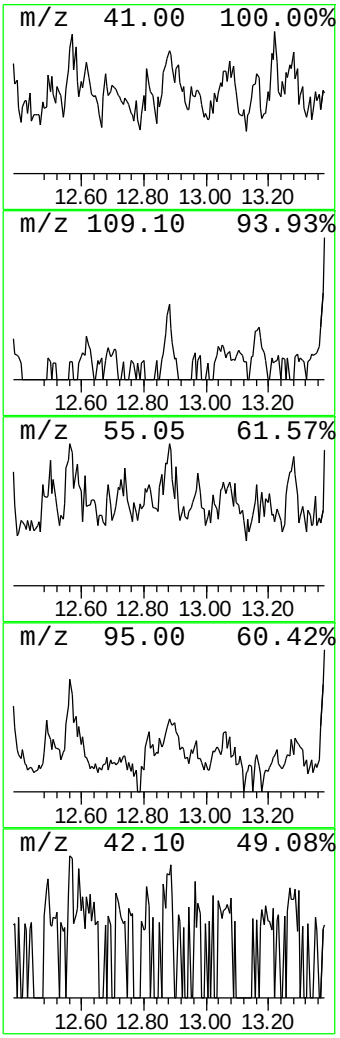
Peak Number 5 unknown12.88 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	2.12 ng	39857	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	27
2	1-Octanesulfonyl chloride	212	C8H17ClO2S	007795-95-1	25
3	4-Pyrimidinamine, 6-methyl-	109	C5H7N3	003435-28-7	25
4	2,6-Pyrazinediamine	110	C4H6N4	041536-80-5	20
5	7-Oxabicyclo[4.1.0]heptane, 3-me...	112	C7H12O	036099-51-1	14





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Operator : SJ/JU
Sample : J4356-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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TIC Library : C:\DATABASE\NIST02.L
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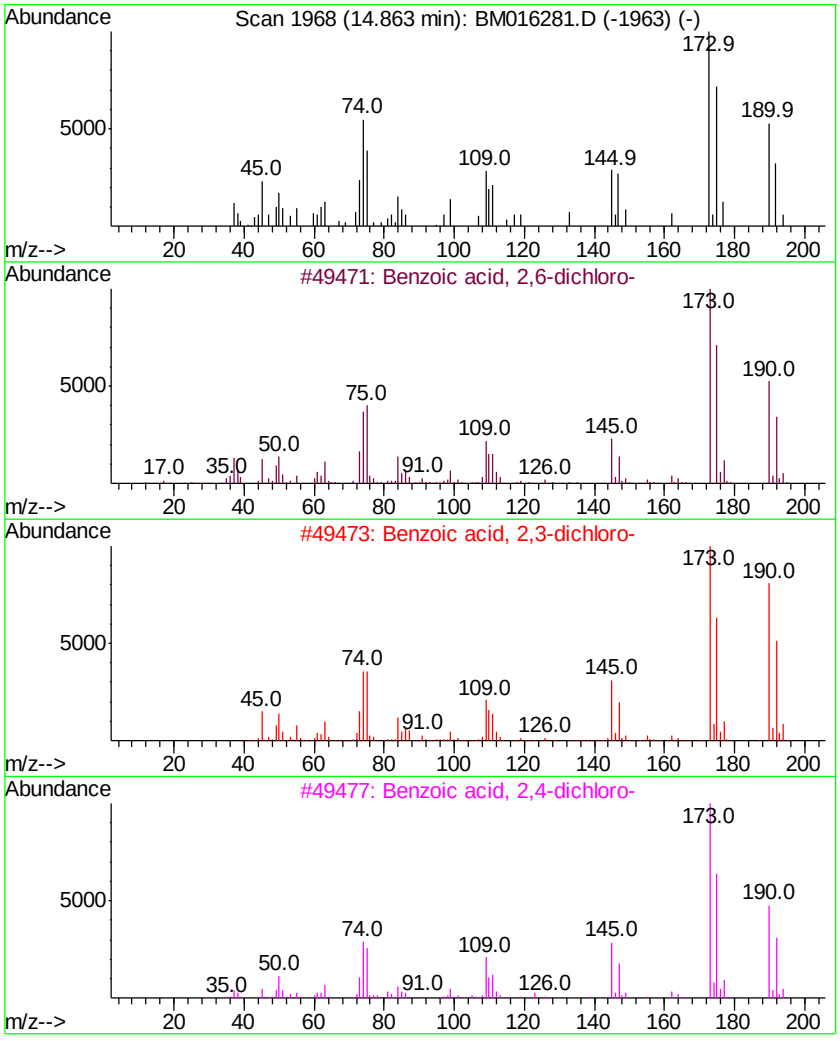
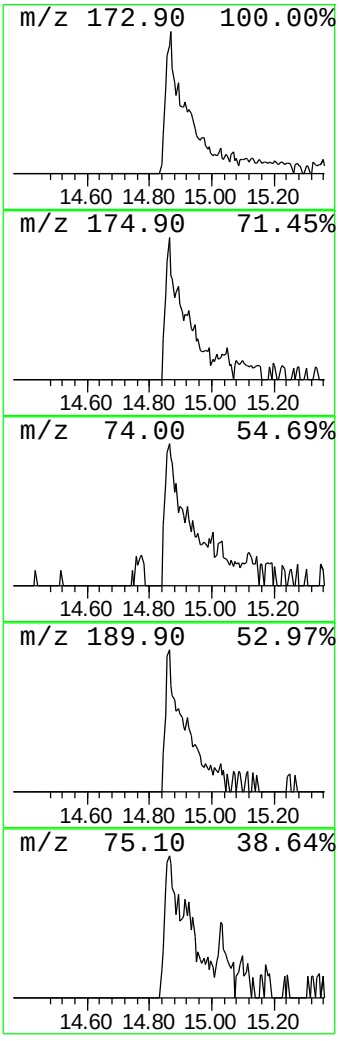
****

Peak Number 6 Benzoic acid, 2,6-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.84 ng	109991	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	98
2	Benzoic acid, 2,3-dichloro-	190	C7H4Cl2O2	000050-45-3	96
3	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	96
4	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	70
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	60





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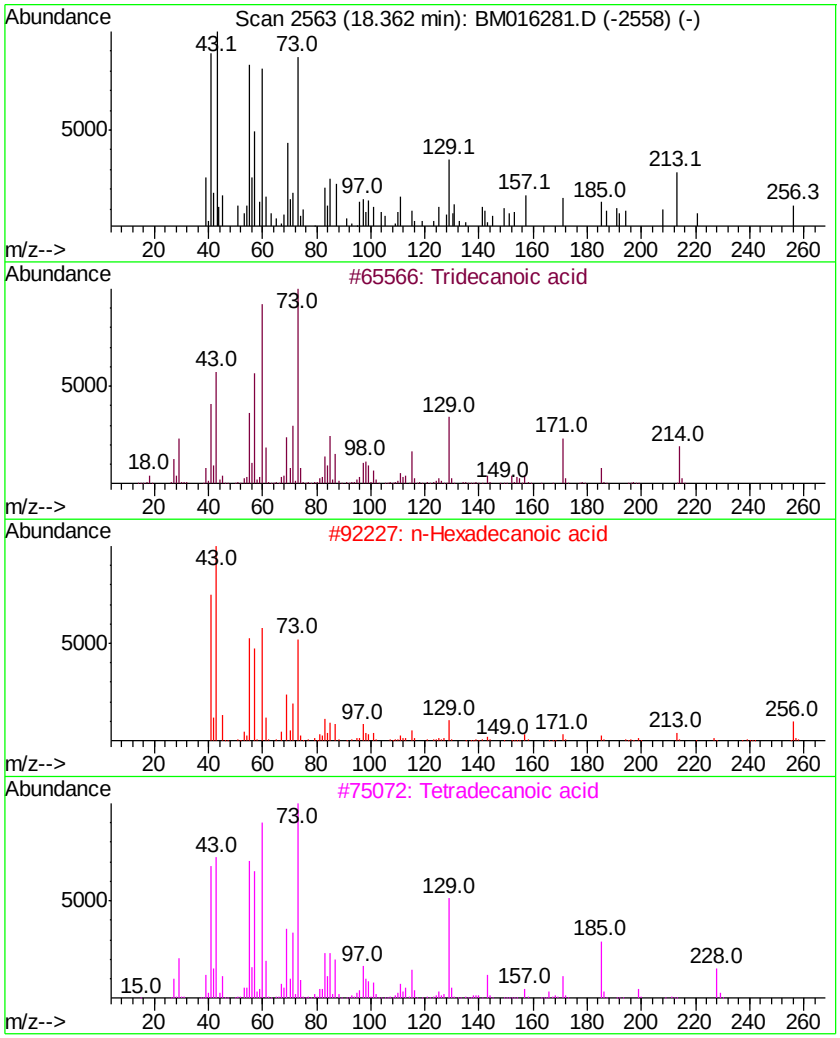
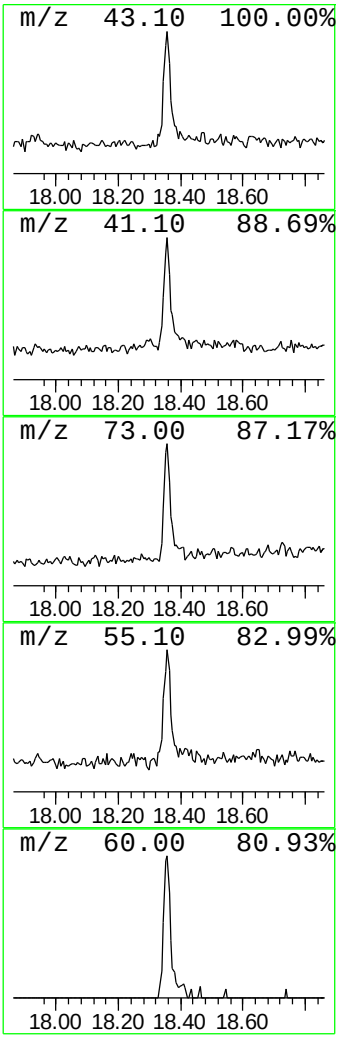
****

Peak Number 7 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	4.67 ng	97852	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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
unknown5.19	5.19	7.1	ng	100896	1	8.13	284889	20.0
Benzene, chloro-	5.38	2.5	ng	35439	1	8.13	284889	20.0
unknown7.66	7.66	104.5	ng	1488660	1	8.13	284889	20.0
unknown12.88	12.88	2.1	ng	39857	3	14.77	376725	20.0
Benzoic acid, 2,6...	14.86	5.8	ng	109991	3	14.77	376725	20.0
Tridecanoic acid	18.36	4.7	ng	97852	4	17.50	419227	20.0