

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022372.D
 Acq On : 27 Aug 2019 18:24
 Operator : HP/JU
 Sample : K4373-19DL2 100X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF8DL2

Manual Integrations
 APPROVED

mohammad
 8/28/2019 11:32:43 PM

Quant Time: Aug 28 03:00:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	25278	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	118363	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	86123	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	201625	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	167262	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	170807	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.64	166	1906	0.25	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1851	0.23	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.20	176	1934	0.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.07	188	4636	0.43	ng/ul	0.00
78) Pyrene-d10	19.37	212	3428	0.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2619	0.28	ng/ul	0.00

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	9.54	107	6498m	2.456	ng/ul
28) Naphthalene	10.36	128	229264	35.099	ng/ul 100
34) 2-Methylnaphthalene	11.99	142	10094	2.006	ng/ul 96
49) Acenaphthene	14.26	153	39475	6.564	ng/ul 98
53) Dibenzofuran	14.61	168	28758	3.210	ng/ul 97
58) Fluorene	15.26	166	20323	2.694	ng/ul 100
69) Phenanthrene	17.00	178	32076	2.659	ng/ul 98
74) Carbazole	17.39	167	26263	2.317	ng/ul 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

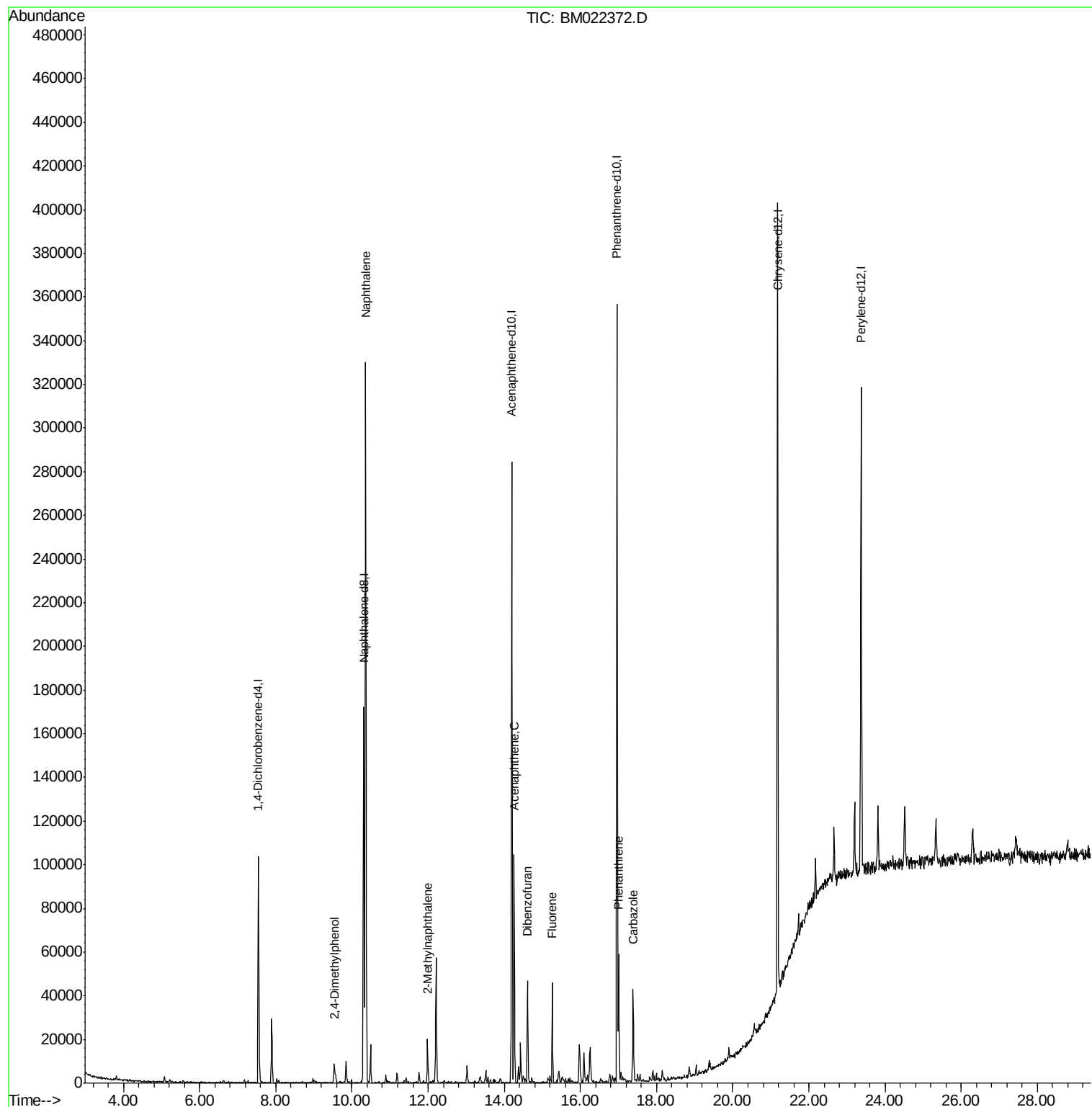
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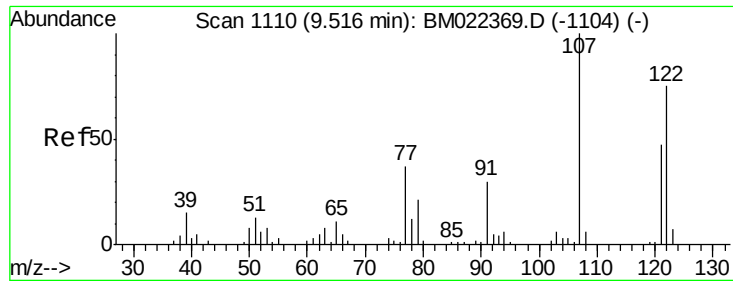
Instrument :
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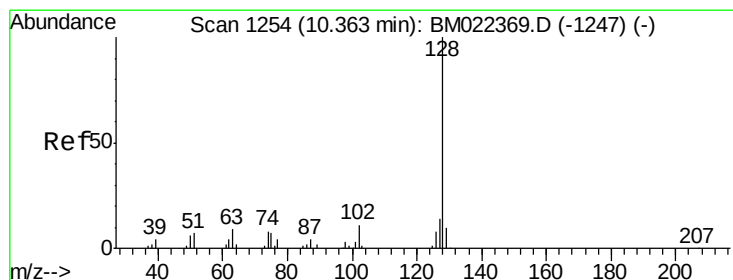
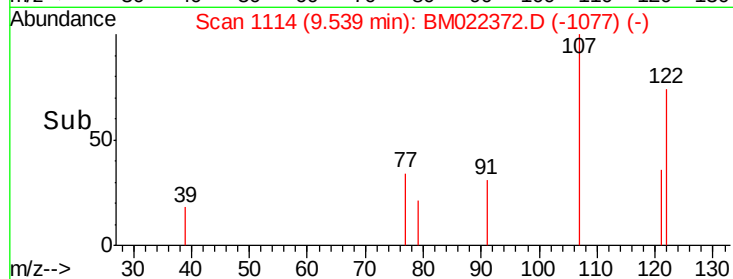
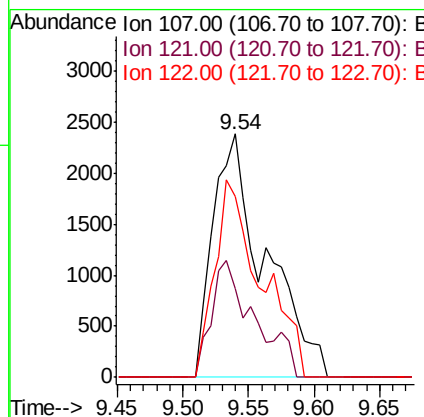
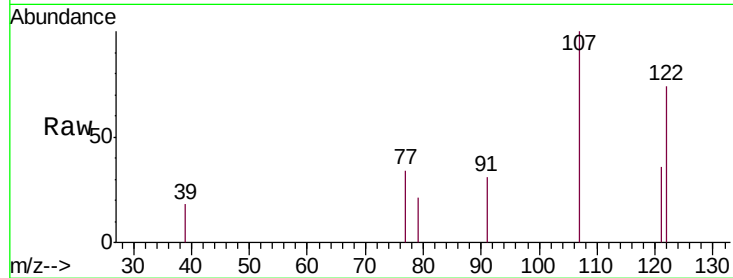
#24
2,4-Dimethylphenol
Concen: 2.456 ng/ul m
RT: 9.54 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BM022372.D
Acq: 27 Aug 2019 18:24

Instrument :
BNA_M
ClientSampleId :
C0AF8DL2

Tot Ion	Ratio	Resp	Lower	Upper
107	100	6498		
121	36.3		33.6	50.4
122	74.5		58.0	87.0

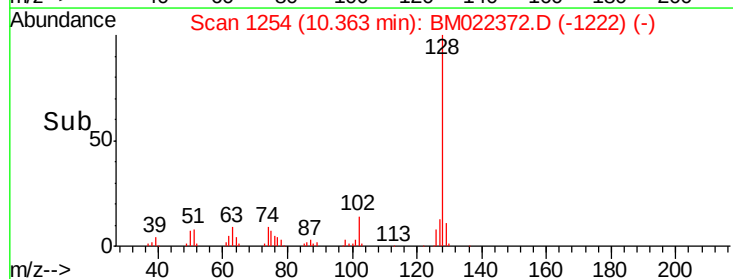
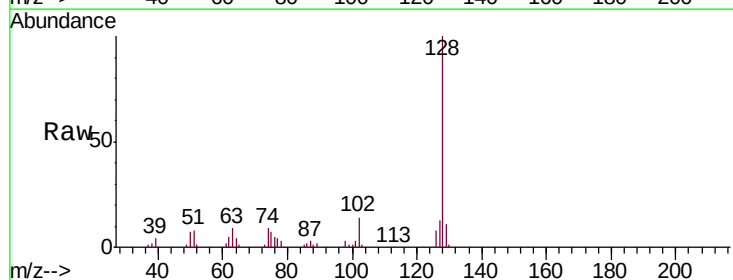
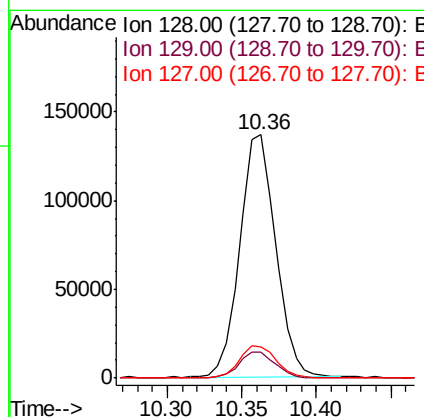
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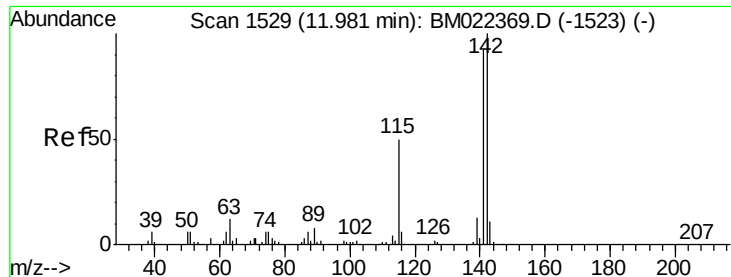
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#28
Naphthalene
Concen: 35.099 ng/ul
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM022372.D
Acq: 27 Aug 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	229264		
129	10.8		8.6	13.0
127	13.0		10.4	15.6





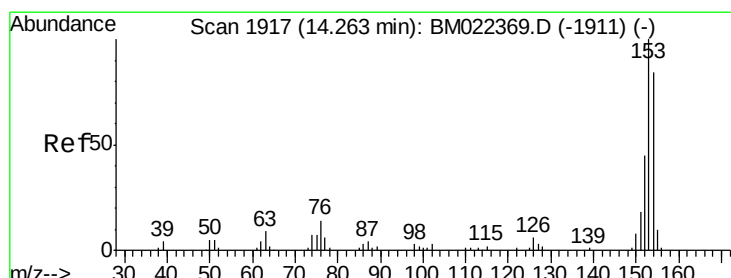
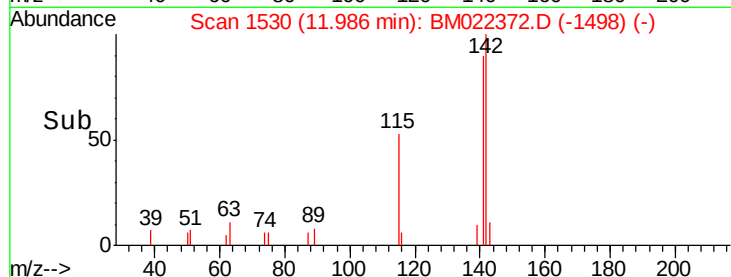
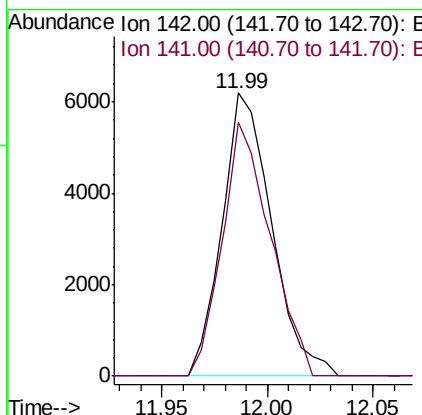
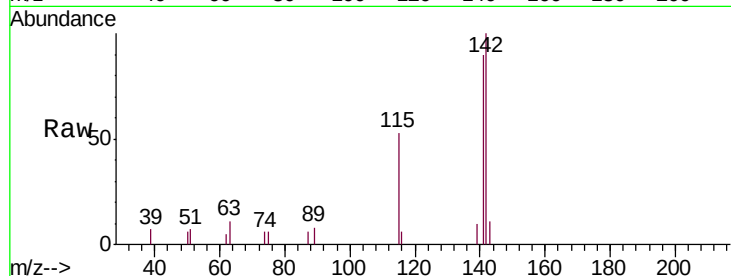
#34
2-Methylnaphthalene
Concen: 2.006 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM022372.D
Acq: 27 Aug 2019 18:24

Instrument :
BNA_M
ClientSampleId :
C0AF8DL2

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.1	112.7

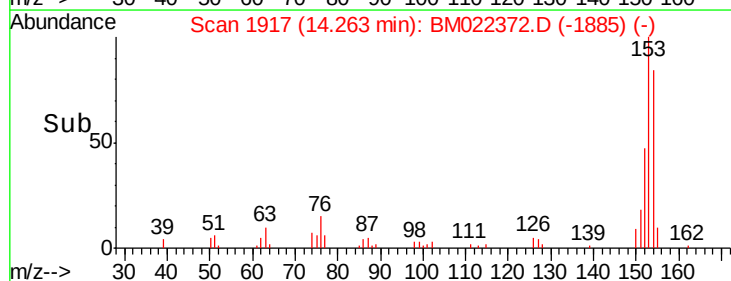
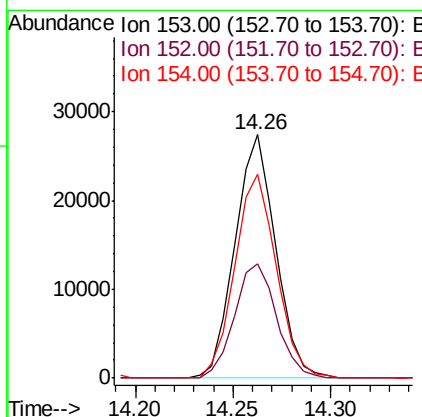
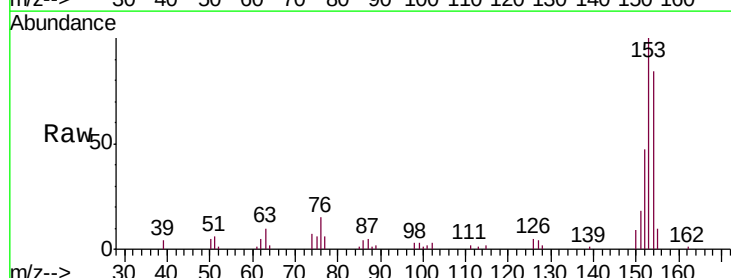
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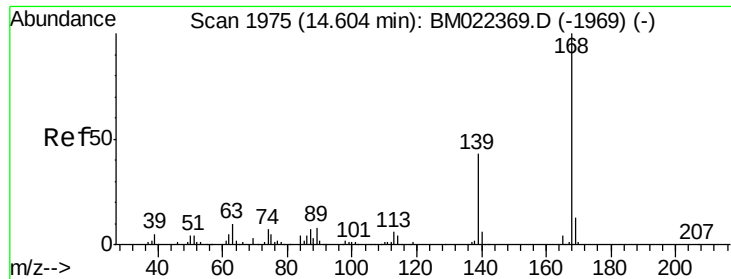
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#49
Acenaphthene
Concen: 6.564 ng/ul
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM022372.D
Acq: 27 Aug 2019 18:24

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.6	58.0
154	84.0	68.9	103.3





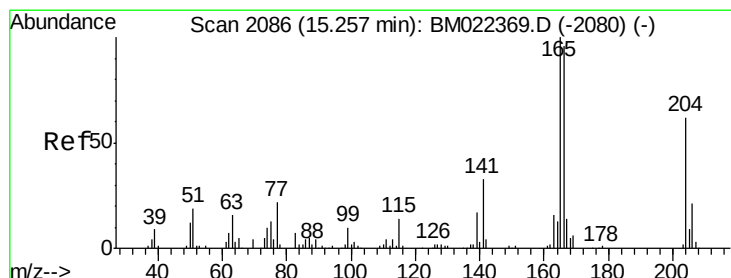
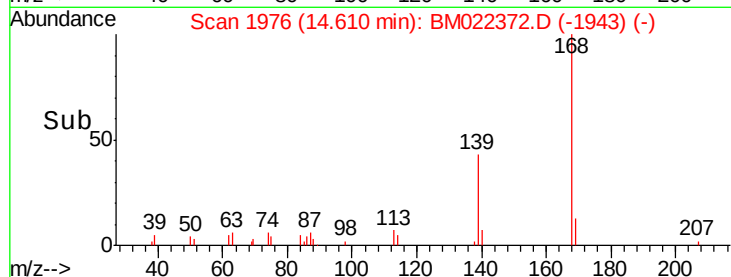
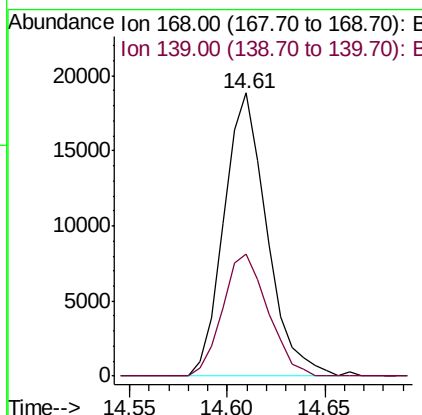
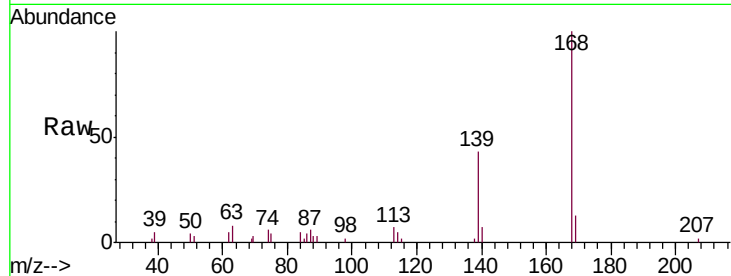
#53
Dibenzenofuran
Concen: 3.210 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022372.D
Acq: 27 Aug 2019 18:24

Instrument :
BNA_M
ClientSampleId :
C0AF8DL2

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.2	36.2	54.4

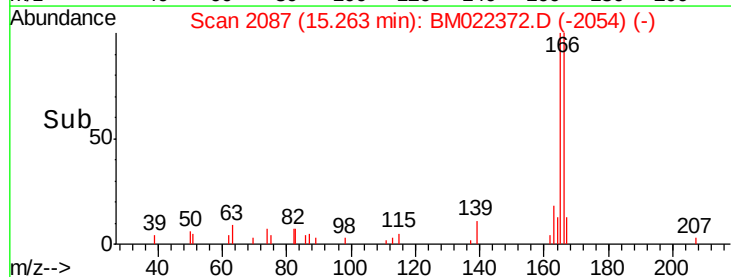
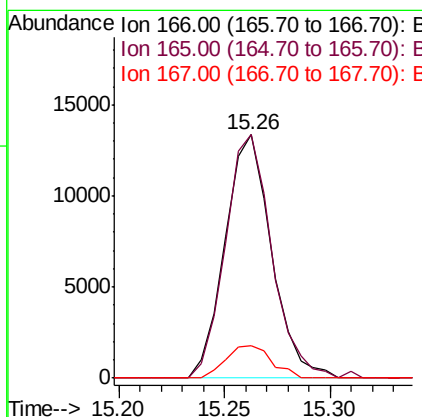
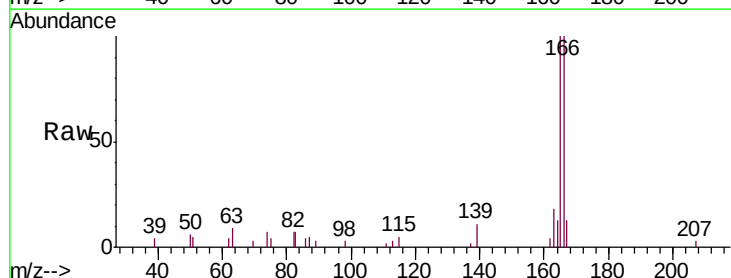
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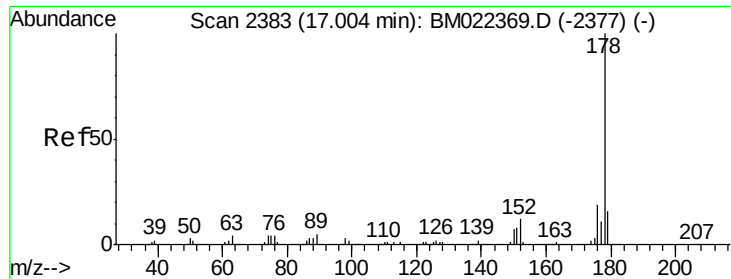
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#58
Fluorene
Concen: 2.694 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022372.D
Acq: 27 Aug 2019 18:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.2	120.2
167	13.3	11.4	17.0





#69

Phenanthrene

Concen: 2.659 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

Instrument :

BNA_M

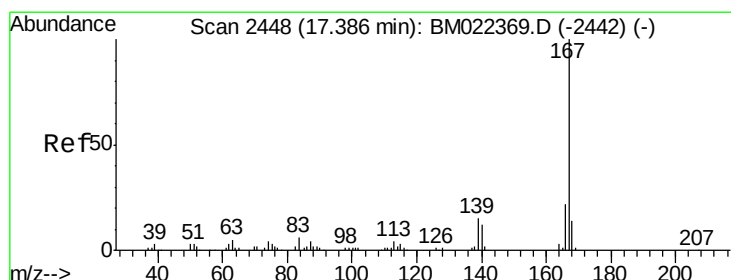
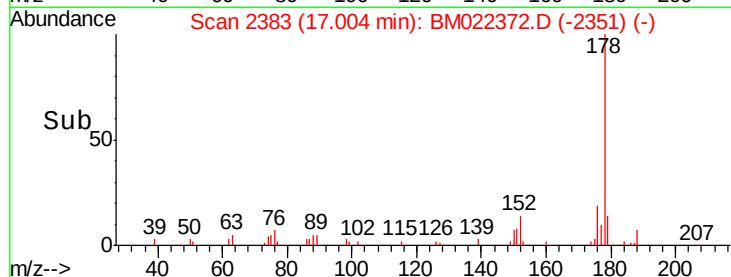
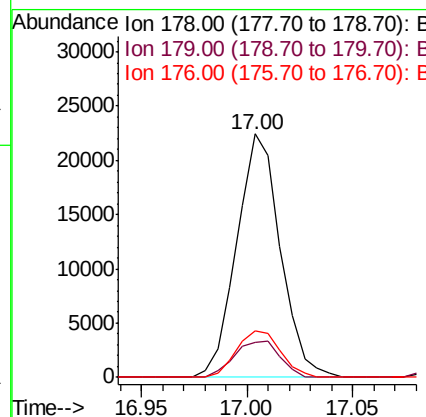
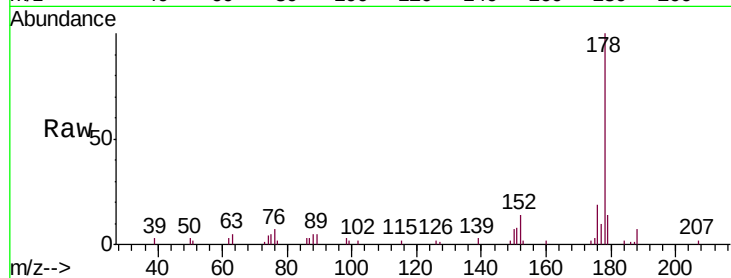
ClientSampleId :

C0AF8DL2

Tot Ion:	178	Resp:	32076
Ion Ratio	Lower	Upper	
178	100		
179	14.2	12.4	18.6
176	18.9	15.4	23.0

Manual Integrations
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#74

Carbazole

Concen: 2.317 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM022372.D

Acq: 27 Aug 2019 18:24

Tgt Ion:	167	Resp:	26263
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.8	26.8
139	13.8	11.8	17.8

