

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022375.D
 Acq On : 27 Aug 2019 20:13
 Operator : HP/JU
 Sample : K4242-02ME
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7ME

Manual Integrations
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Quant Time: Aug 28 10:40:17 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	25624	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	117540	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	83773	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	196667	20.00	ng/ul	-0.02
77) Chrysene-d12	21.17	240	212556	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	187655	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1798	3.14	ng/uL	0.00
5) Phenol-d5	6.74	99	40281	18.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	24548	19.08	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.08	132	34979	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	35856	18.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	17870	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	19294	18.91	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	39917	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	42142	16.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	142650	19.34	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	152577	19.20	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.50	143	10154m	9.29	ng/ul	0.03
57) Fluorene-d10	15.20	176	121507	19.86	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.38	200	15760	10.39	ng/ul	0.00
70) Anthracene-d10	17.06	188	210746	20.24	ng/ul	-0.01
78) Pyrene-d10	19.37	212	293008	26.52	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.22	264	225482	21.87	ng/ul	-0.01

Target Compounds

					Ovalue	
14) Acetophenone	8.39	105	4869	1.469	ng/ul	94
49) Acenaphthene	14.26	153	17284	2.954	ng/ul	94
53) Dibenzofuran	14.61	168	9961	1.143	ng/ul	98
58) Fluorene	15.26	166	16564	2.257	ng/ul	99
69) Phenanthrene	17.00	178	403487	34.294	ng/ul	99
71) Anthracene	17.10	178	97037	7.926	ng/ul	98
74) Carbazole	17.39	167	36171	3.271	ng/ul	98
76) Fluoranthene	19.03	202	811688	45.780	ng/ul#	96
79) Pyrene	19.40	202	694263	50.463	ng/ul#	95
82) Benzo(a)anthracene	21.16	228	342631	21.417	ng/ul	98
84) Chrysene	21.21	228	285318	19.074	ng/ul	98
87) Benzo(b)fluoranthene	22.71	252	298808	22.890	ng/ul	97
88) Benzo(k)fluoranthene	22.75	252	101493	8.018	ng/ul	99
90) Benzo(a)pyrene	23.27	252	223594	17.970	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.54	276	126693	8.769	ng/ul#	94
92) Dibenz(a,h)anthracene	25.54	278	31693	2.584	ng/ul#	89
93) Benzo(g,h,i)perylene	26.21	276	116087	10.532	ng/ul	96

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

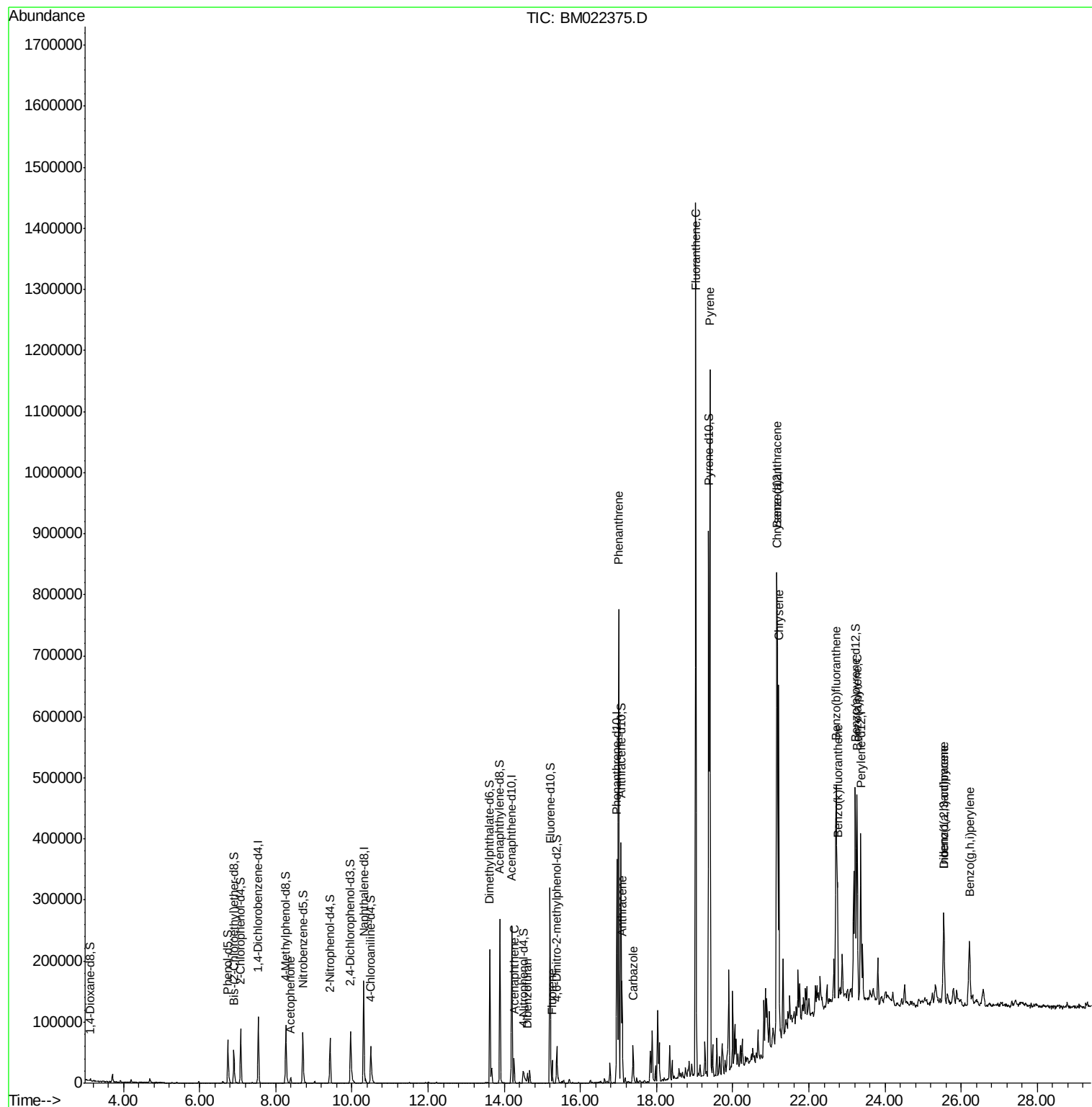
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

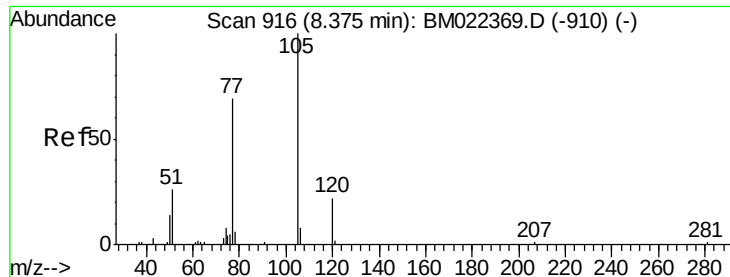
Instrument :
BNA_M
ClientSampleId :
C0AG7ME

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Quant Time: Aug 28 10:40:17 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





#14

Acetophenone

Concen: 1.469 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.00 min

Lab File: BM022375.D

Acq: 27 Aug 2019 20:13

Instrument :

BNA_M

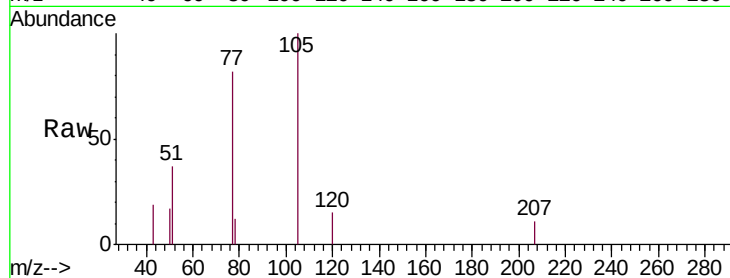
ClientSampleId :

C0AG7ME

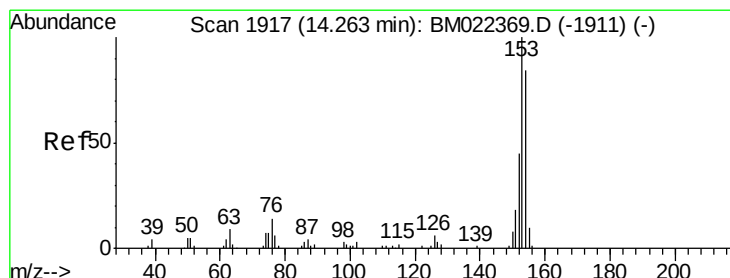
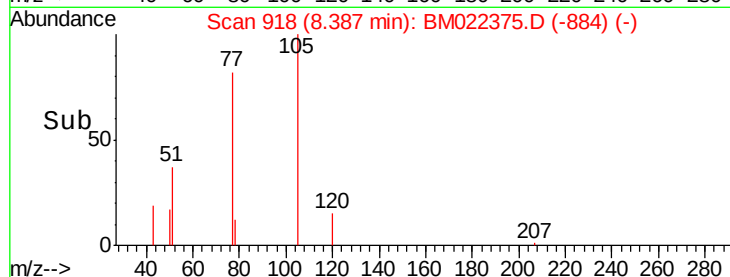
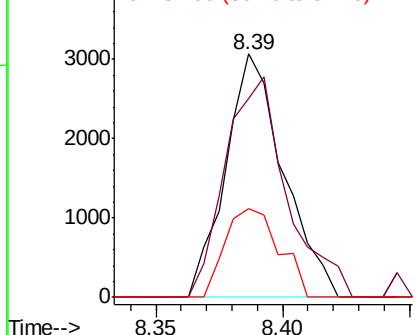
Tot Ion:	105	Resp:	4869
Ion Ratio	Lower	Upper	
105	100		
77	81.8	68.4	102.6
51	36.6	25.0	37.4

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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 51.00 (50.70 to 51.70): BM



#49

Acenaphthene

Concen: 2.954 ng/ul

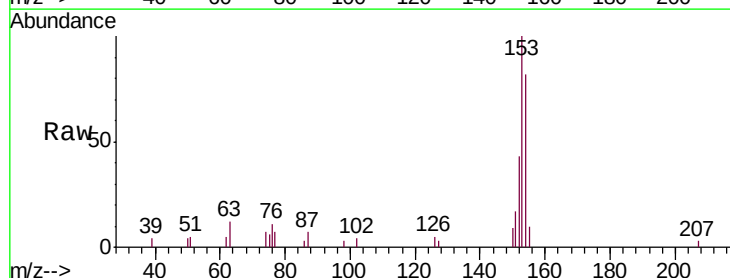
RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

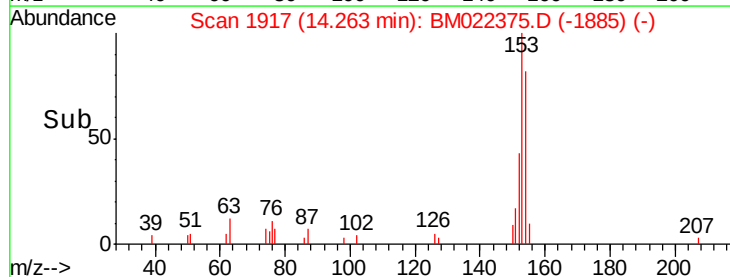
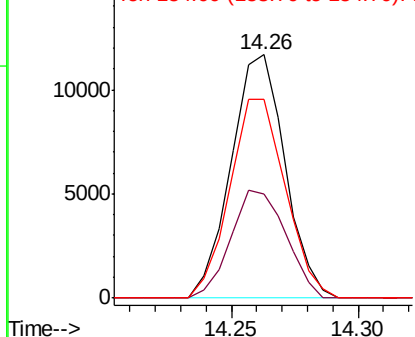
Lab File: BM022375.D

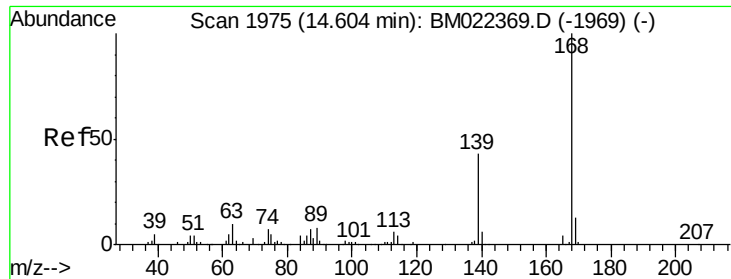
Acq: 27 Aug 2019 20:13

Tgt Ion:	153	Resp:	17284
Ion Ratio	Lower	Upper	
153	100		
152	42.8	38.6	58.0
154	81.8	68.9	103.3



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





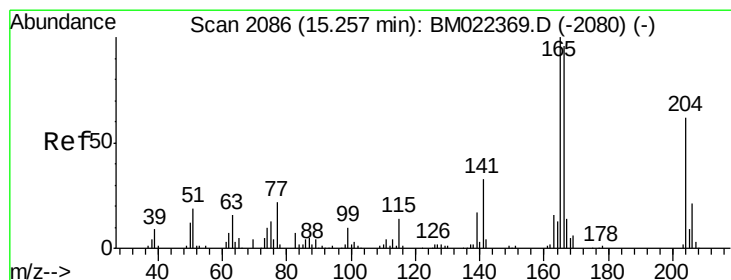
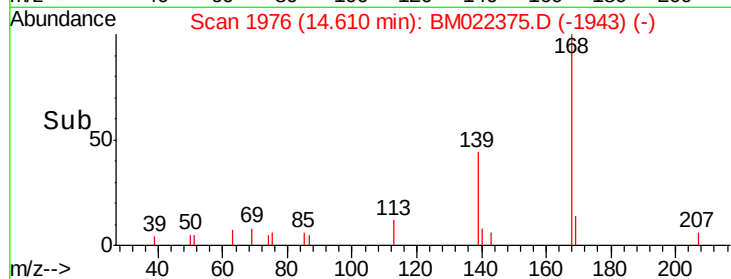
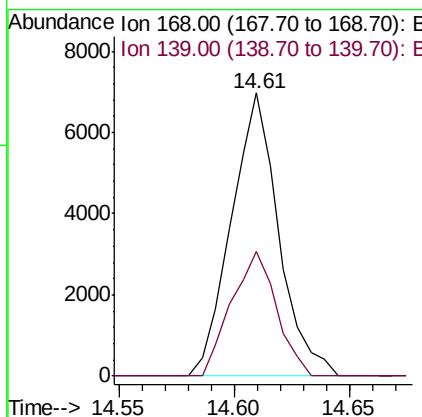
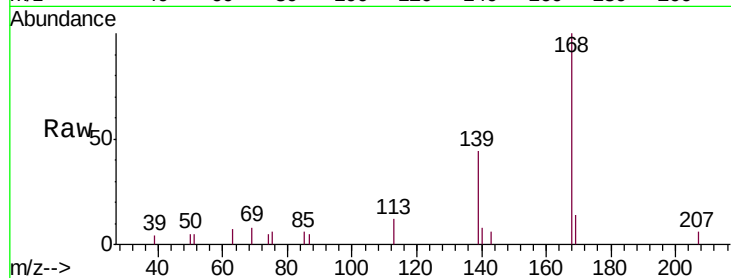
#53
Dibenzenofuran
Concen: 1.143 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022375.D
Acq: 27 Aug 2019 20:13

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.2	36.2	54.4

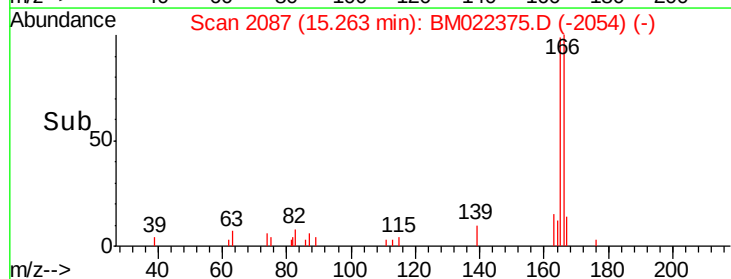
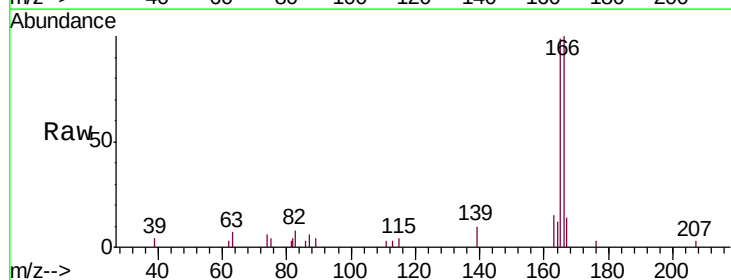
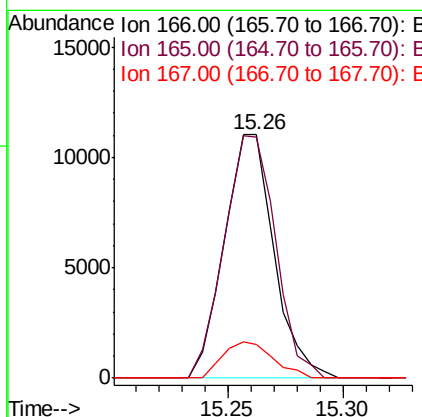
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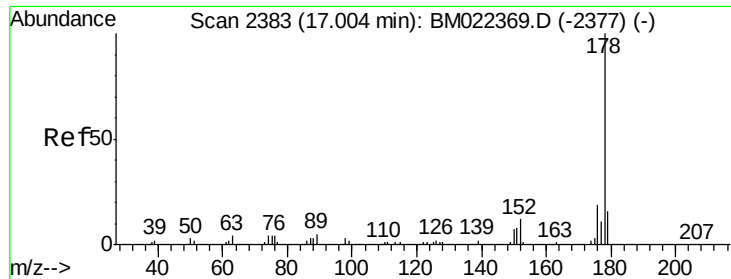
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#58
Fluorene
Concen: 2.257 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022375.D
Acq: 27 Aug 2019 20:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.2	120.2
167	13.9	11.4	17.0





#69

Phenanthrene

Concen: 34.294 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022375.D

Acq: 27 Aug 2019 20:13

Instrument :

BNA_M

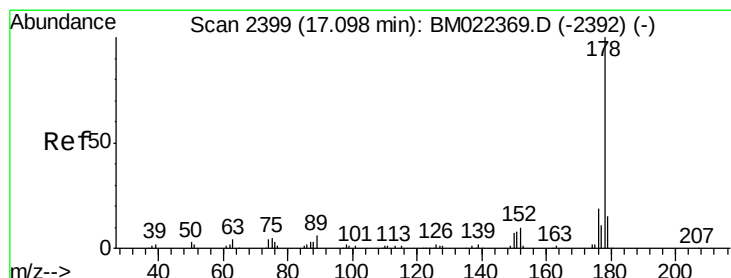
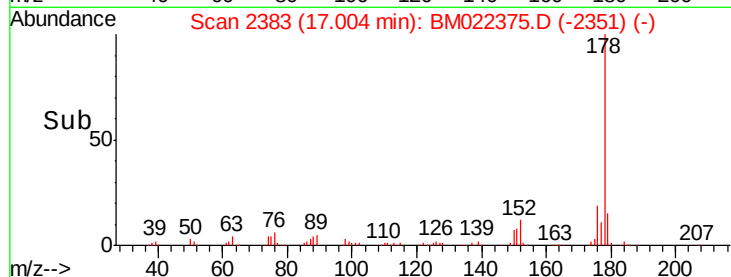
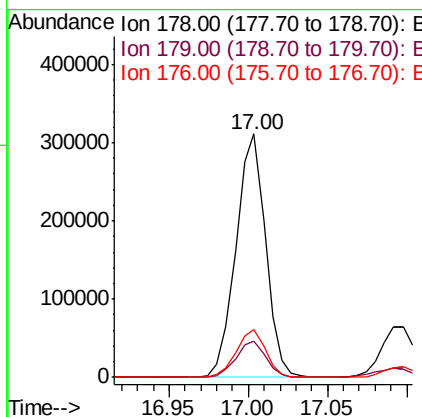
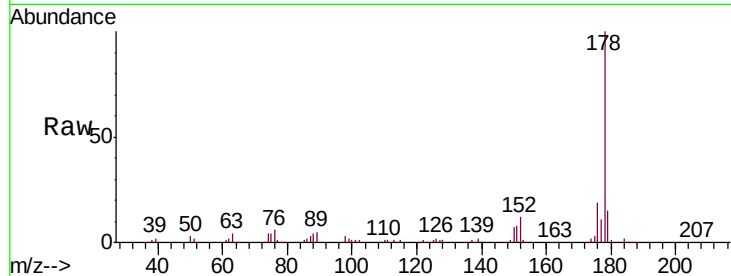
ClientSampleId :

C0AG7ME

Tot Ion:	178	Resp:	403487
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.4	18.6
176	19.4	15.4	23.0

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#71

Anthracene

Concen: 7.926 ng/ul

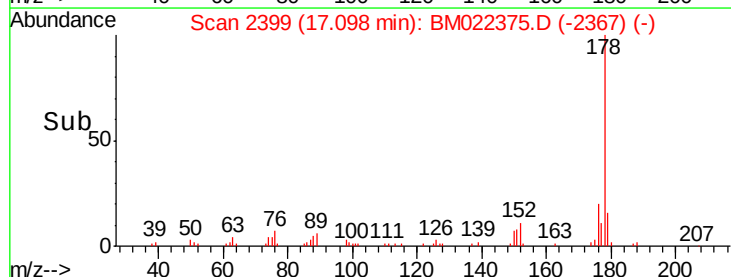
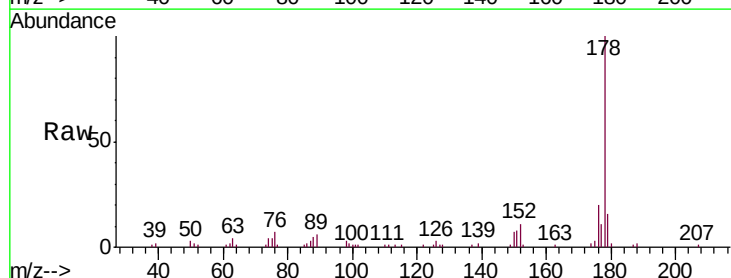
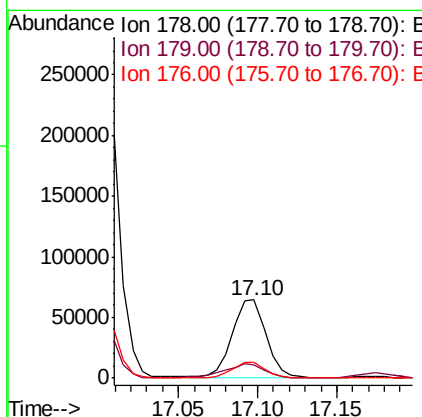
RT: 17.10 min Scan# 2399

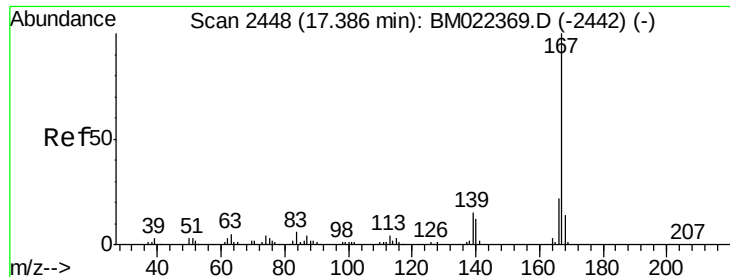
Delta R.T. -0.01 min

Lab File: BM022375.D

Acq: 27 Aug 2019 20:13

Tgt Ion:	178	Resp:	97037
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.3	18.5
176	20.1	15.5	23.3





#74

Carbazole

Concen: 3.271 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM022375.D

Acq: 27 Aug 2019 20:13

Instrument :

BNA_M

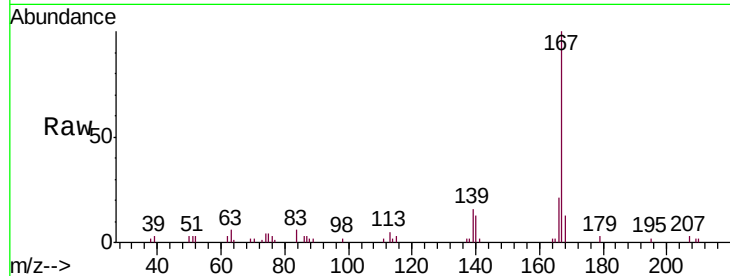
ClientSampleId :

C0AG7ME

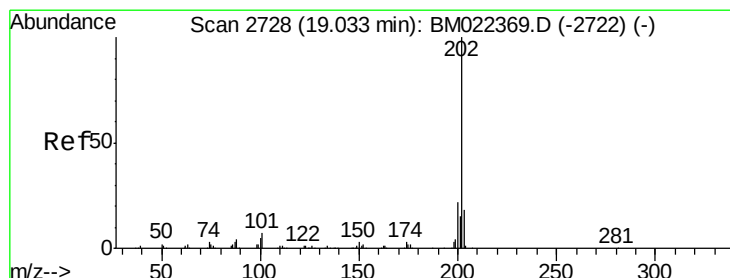
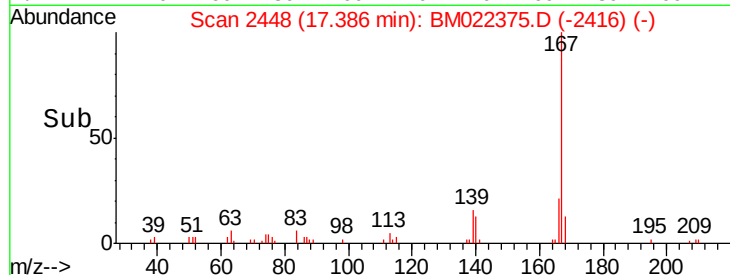
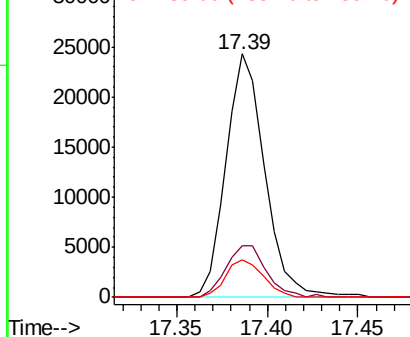
Tot Ion:	167	Resp:	36171
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.8	26.8
139	15.5	11.8	17.8

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 45.780 ng/ul

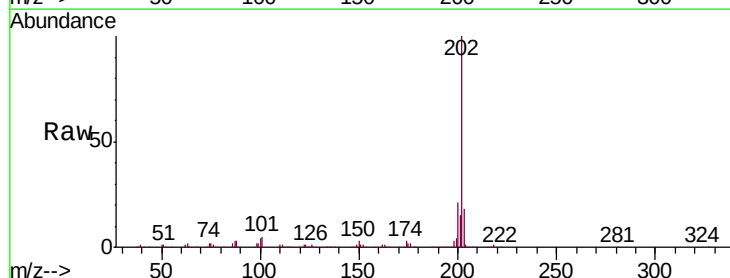
RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

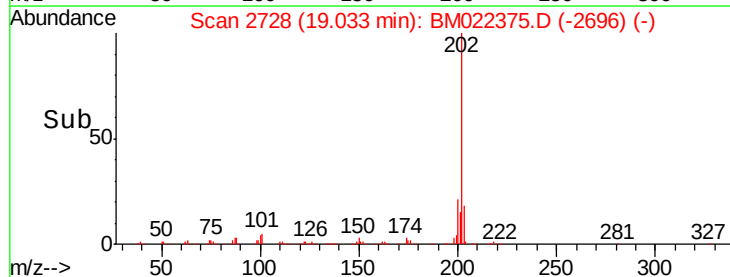
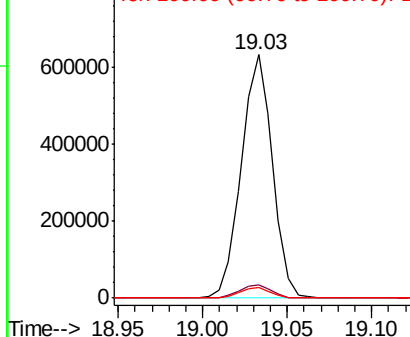
Lab File: BM022375.D

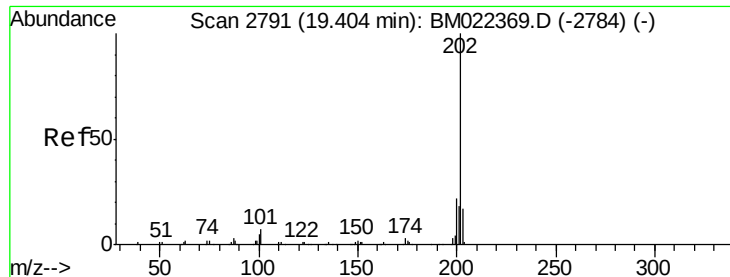
Acq: 27 Aug 2019 20:13

Tgt Ion:	202	Resp:	811688
Ion Ratio	Lower	Upper	
202	100		
101	5.3	5.3	7.9
100	4.3	4.6	6.8#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





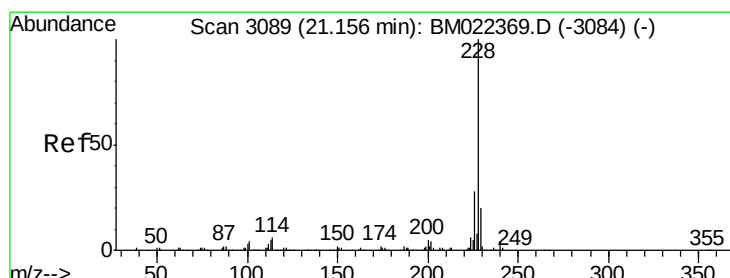
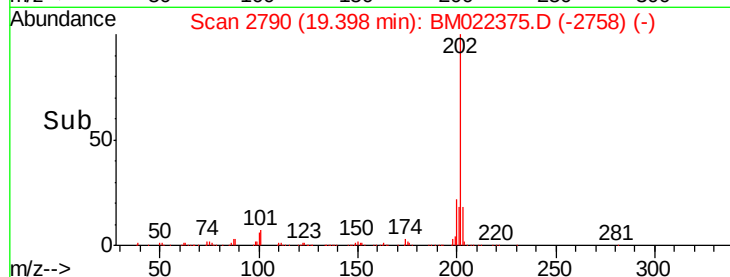
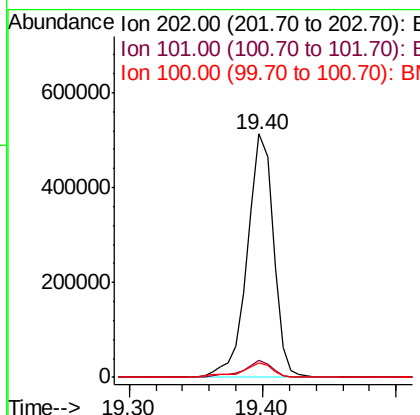
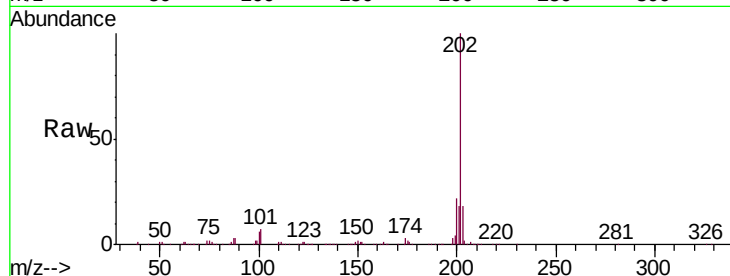
#79
 Pvrene
 Concen: 50.463 ng/ul
 RT: 19.40 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BM022375.D
 Acq: 27 Aug 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7ME

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.9	7.0	10.4#
100	5.7	5.8	8.8#

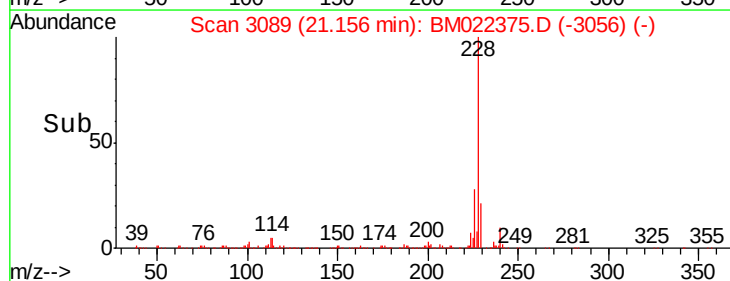
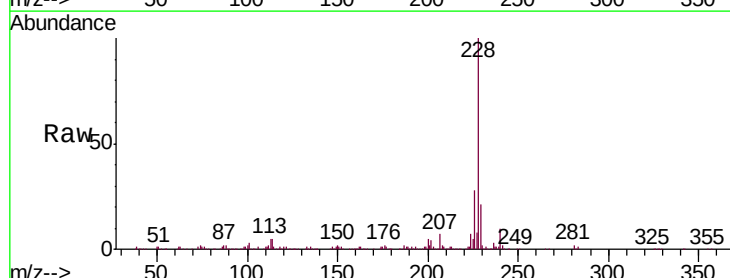
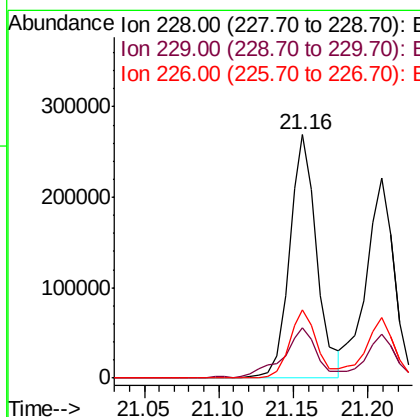
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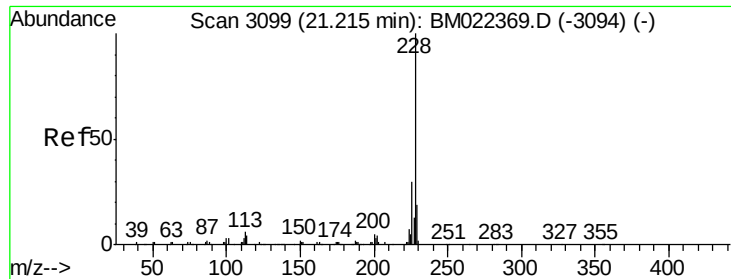
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#82
 Benzo(a)anthracene
 Concen: 21.417 ng/ul
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM022375.D
 Acq: 27 Aug 2019 20:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	15.2	22.8
226	27.8	22.3	33.5





#84

Chrysene

Concen: 19.074 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM022375.D

Acq: 27 Aug 2019 20:13

Instrument :

BNA_M

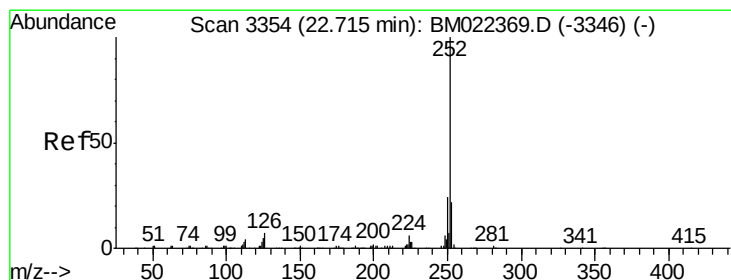
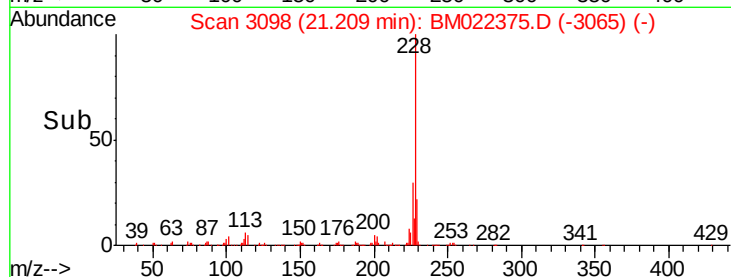
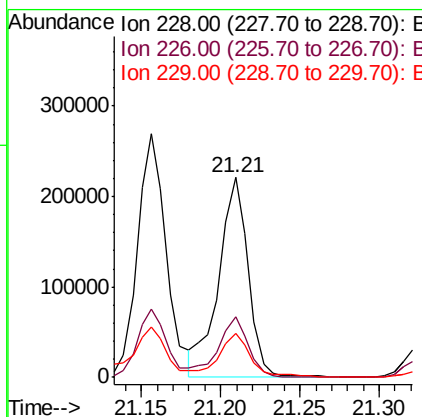
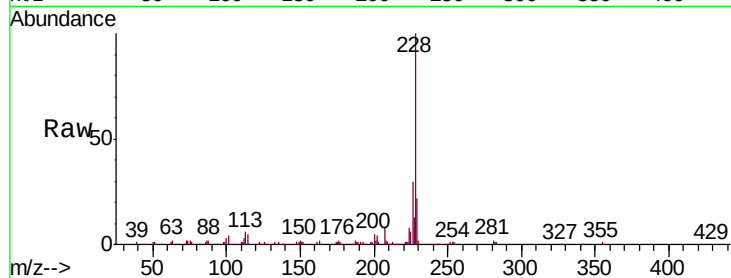
ClientSampleId :

C0AG7ME

Tot Ion:	228	Resp:	285318
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	21.9	15.7	23.5

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#87

Benzo(b)fluoranthene

Concen: 22.890 ng/ul

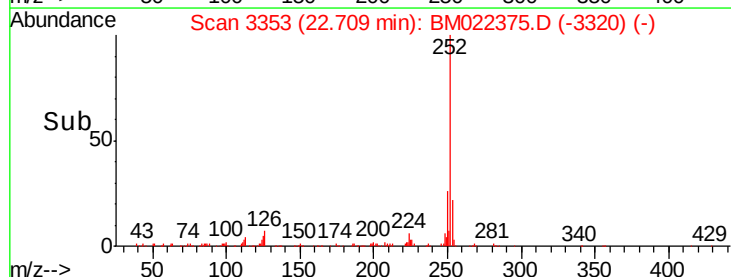
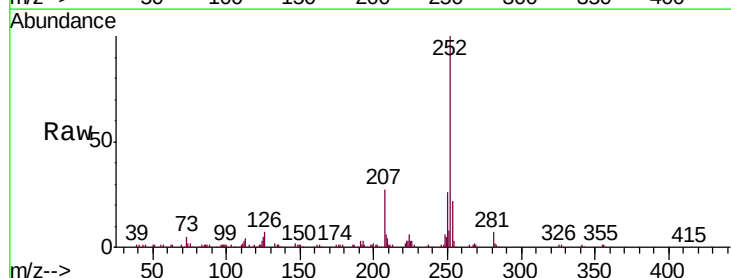
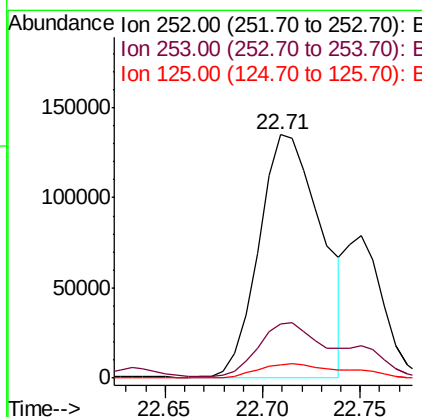
RT: 22.71 min Scan# 3353

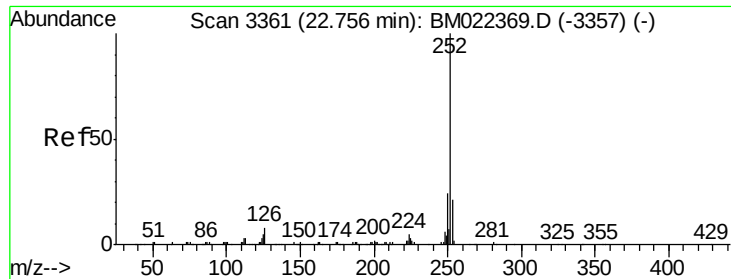
Delta R.T. -0.01 min

Lab File: BM022375.D

Acq: 27 Aug 2019 20:13

Tgt Ion:	252	Resp:	298808
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	5.3	5.2	7.8





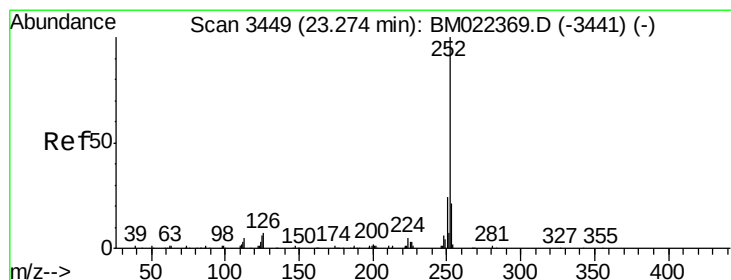
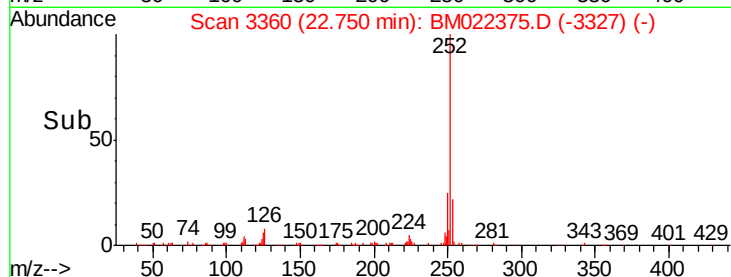
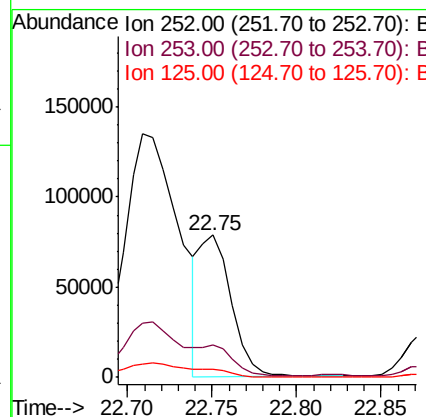
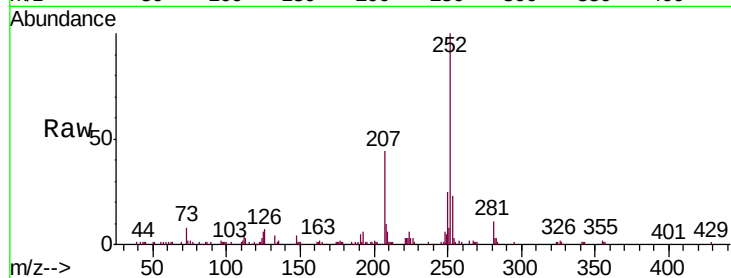
#88
Benzo(k)fluoranthene
Concen: 8.018 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM022375.D
Acq: 27 Aug 2019 20:13

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	5.7	5.1	7.7

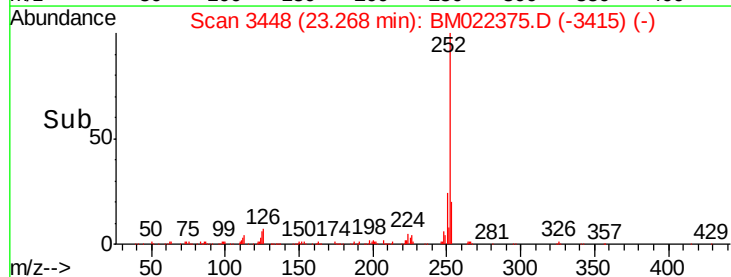
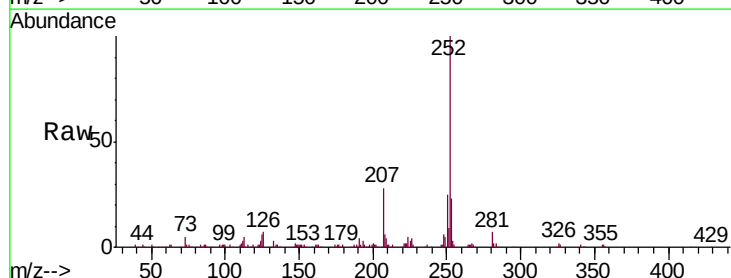
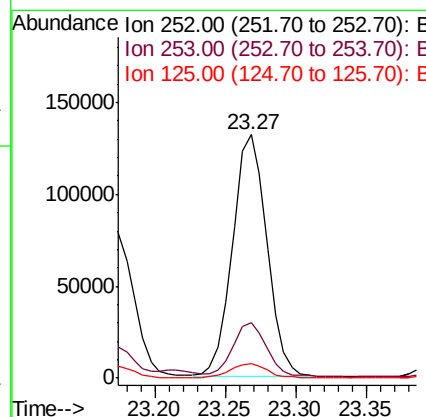
Manual Integrations
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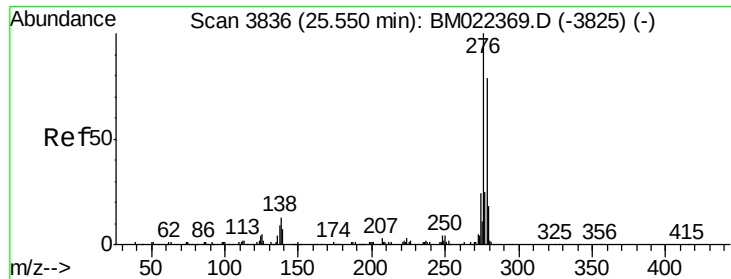
mohammad
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#90
Benzo(a)pyrene
Concen: 17.970 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BM022375.D
Acq: 27 Aug 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.9	25.3
125	5.9	5.5	8.3





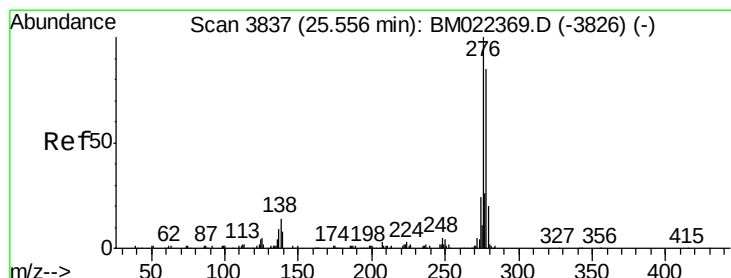
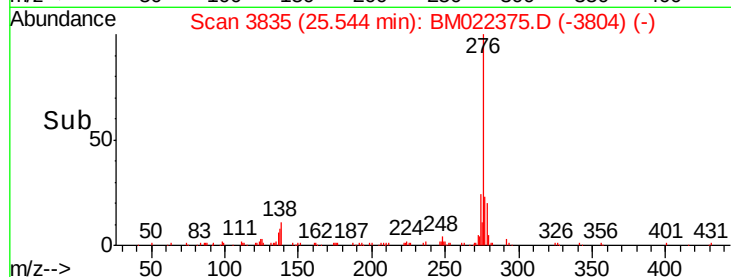
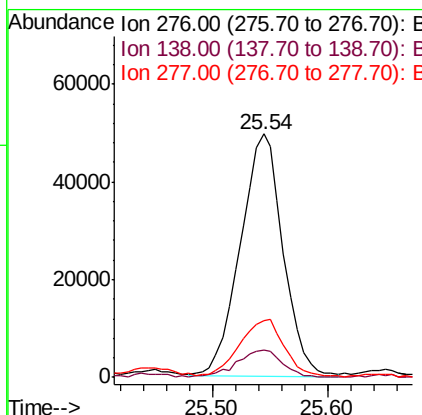
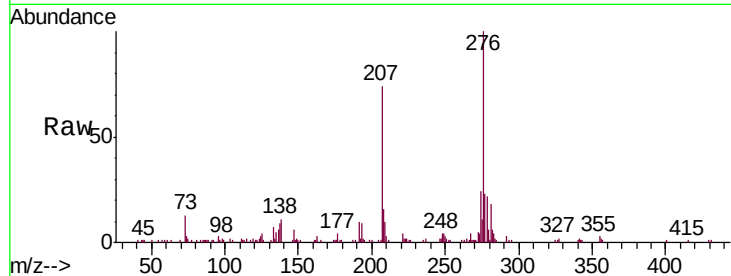
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 8.769 ng/ul
 RT: 25.54 min Scan# 3835
 Delta R.T. -0.02 min
 Lab File: BM022375.D
 Acq: 27 Aug 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7ME

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.2	12.6	18.8#
277	23.5	20.2	30.2

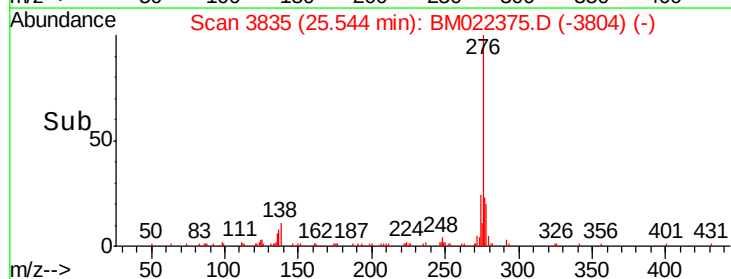
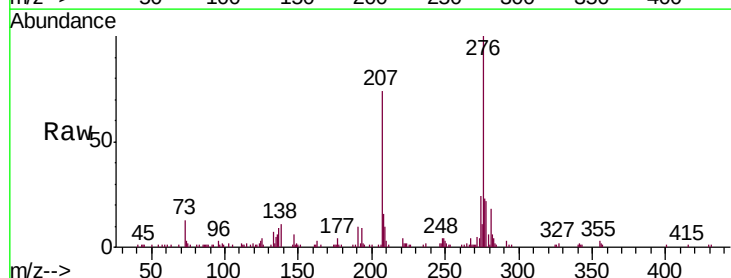
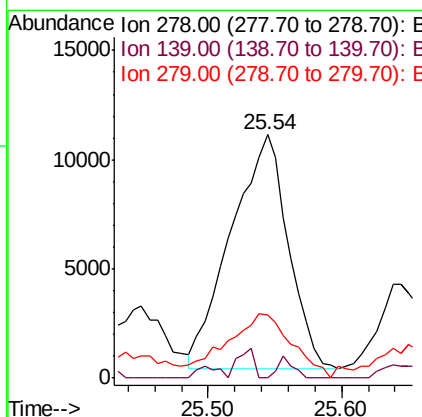
Manual Integrations
 APPROVED

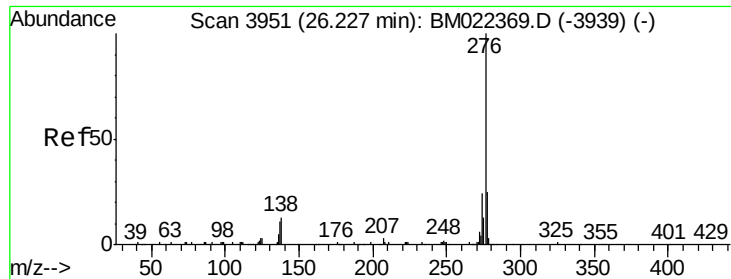
mohammad
 8/28/2019 11:32:54 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 2.584 ng/ul
 RT: 25.54 min Scan# 3835
 Delta R.T. -0.02 min
 Lab File: BM022375.D
 Acq: 27 Aug 2019 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.7	11.5#
279	26.1	19.0	28.6





#93
 Benzo(a,h,i)perylene
 Concen: 10.532 ng/ul
 RT: 26.21 min Scan# 3949
 Delta R.T. -0.02 min
 Lab File: BM022375.D
 Acq: 27 Aug 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7ME

Tot Ion:	276	Resp:	116087
Ion Ratio	Lower	Upper	
276	100		
138	12.2	10.2	15.4
277	25.7	18.2	27.4

Manual Integrations
 APPROVED

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