

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021257.D
 Acq On : 29 Jun 2019 12:13
 Operator : HP/JU
 Sample : K3593-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB9

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:42:29 PM

Quant Time: Jun 29 22:36:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	226330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	987589	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	622075	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1523009	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1329688	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1237232	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	23051	4.84	ng/uL	0.00
5) Phenol-d5	6.93	99	510934	25.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	312239	26.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	431399	26.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	439756	26.74	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	226317	28.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	251782	28.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	507073	28.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	355911	18.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1658255	29.50	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1954828	28.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	198653	21.73	ng/ul	0.00
57) Fluorene-d10	15.40	176	1492946	30.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	186911	19.96	ng/ul	0.00
70) Anthracene-d10	17.25	188	2327407	29.41	ng/ul	0.00
78) Pyrene-d10	19.54	212	2536925	31.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2091193	28.65	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.92	77	10339	1.151	ng/ul	94
6) Phenol	6.96	94	24452	1.312	ng/ul	94
44) Dimethylphthalate	13.86	163	279578	5.464	ng/ul	98
49) Acenaphthene	14.46	153	78913	1.827	ng/ul	96
53) Dibenzofuran	14.80	168	88342	1.437	ng/ul	100
58) Fluorene	15.45	166	112429	2.250	ng/ul	97
69) Phenanthrene	17.19	178	1658563	19.691	ng/ul	99
71) Anthracene	17.28	178	204525	2.383	ng/ul	99
74) Carbazole	17.56	167	80168	1.133	ng/ul	99
76) Fluoranthene	19.21	202	2386271	26.219	ng/ul	100
79) Pyrene	19.57	202	1932406	20.557	ng/ul	99
82) Benzo(a)anthracene	21.32	228	924139	10.194	ng/ul	99
84) Chrysene	21.37	228	1001578	11.797	ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	1185916	15.132	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	377951m	5.013	ng/ul	
90) Benzo(a)pyrene	23.51	252	670204	9.086	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	465007	5.353	ng/ul	96
92) Dibenz(a,h)anthracene	25.90	278	126222	1.727	ng/ul#	93
93) Benzo(g,h,i)perylene	26.60	276	368843	5.156	ng/ul	99

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

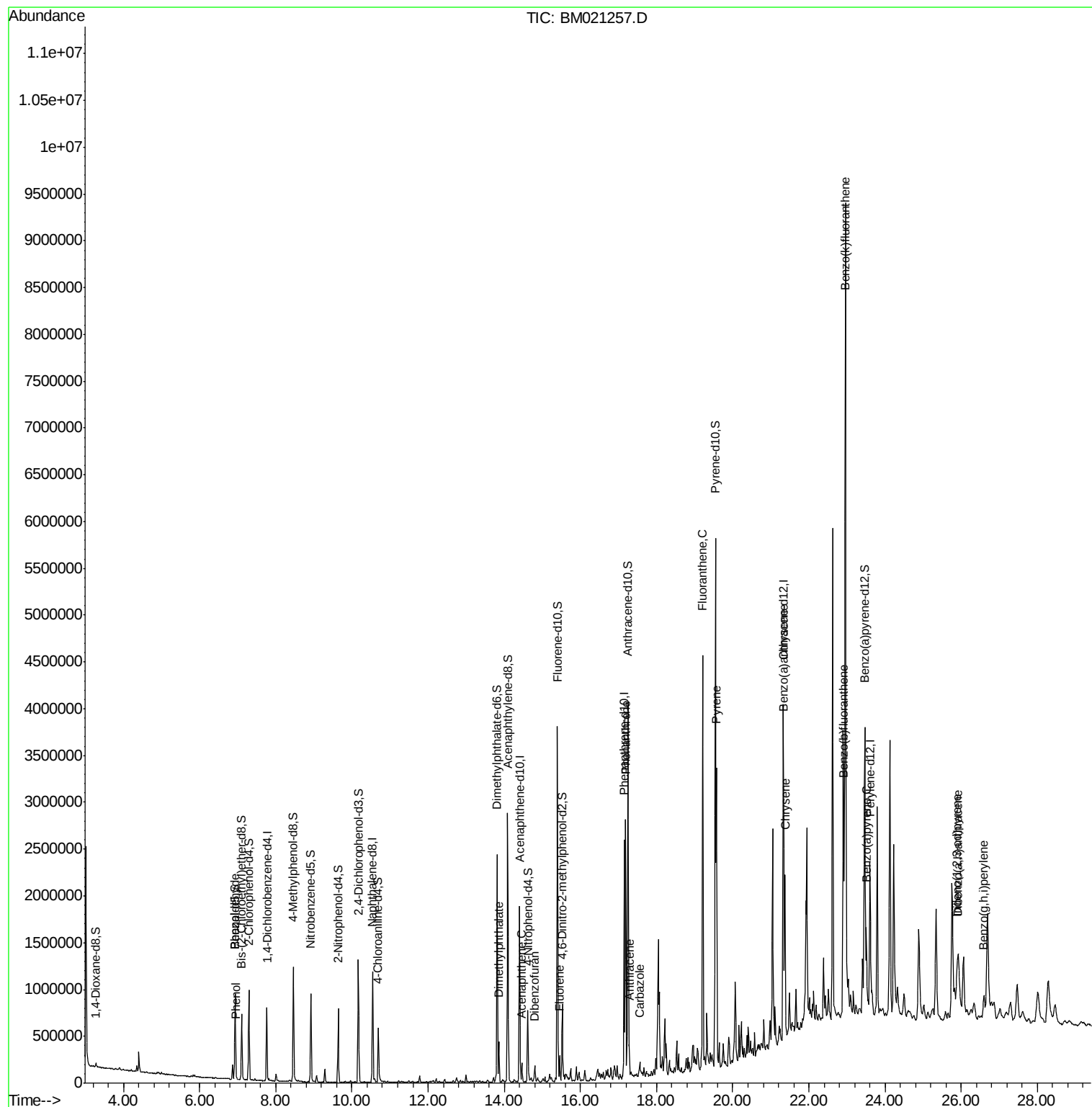
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021257.D
Acq On : 29 Jun 2019 12:13
Operator : HP/JU
Sample : K3593-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

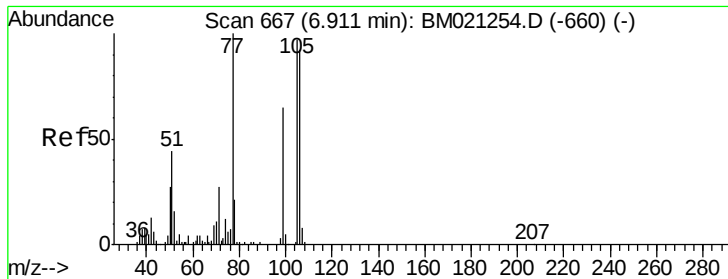
Instrument :
BNA_M
ClientSampleId :
C5BB9

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Quant Time: Jun 29 22:36:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.151 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM021257.D

Acq: 29 Jun 2019 12:13

Instrument :

BNA_M

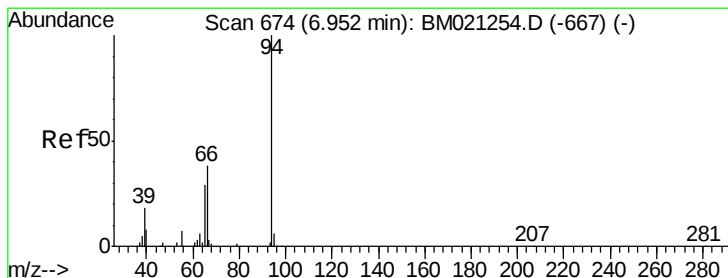
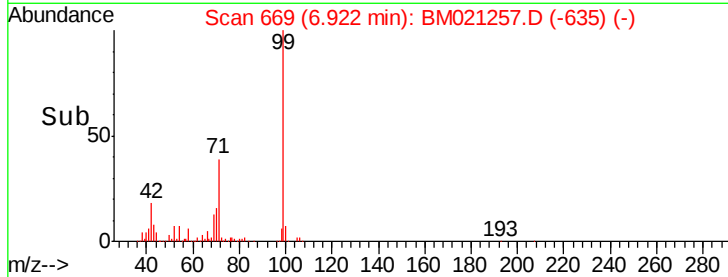
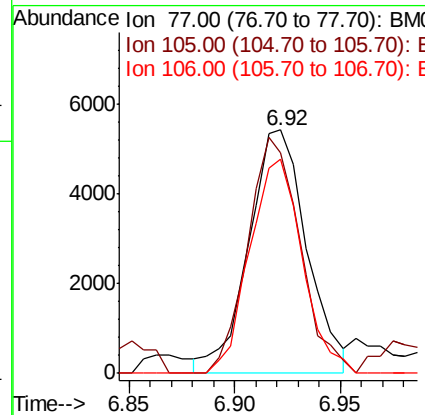
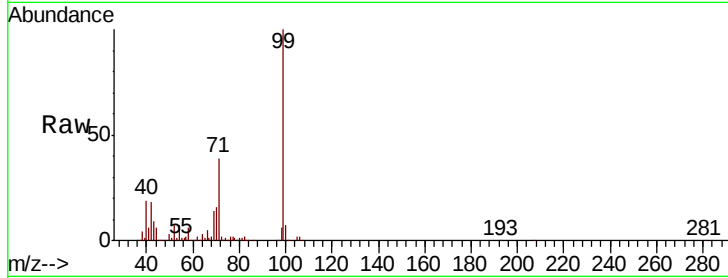
ClientSampleId :

C5BB9

Tot Ion:	77	Resp:	10339
Ion	Ratio	Lower	Upper
77	100		
105	90.6	78.1	117.1
106	88.2	73.4	110.2

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#6

Phenol

Concen: 1.312 ng/ul

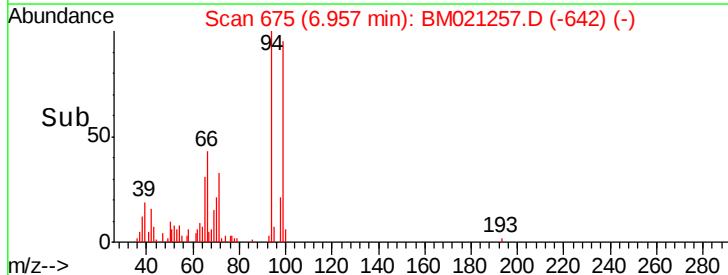
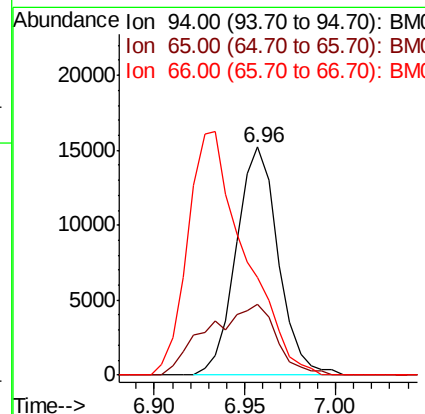
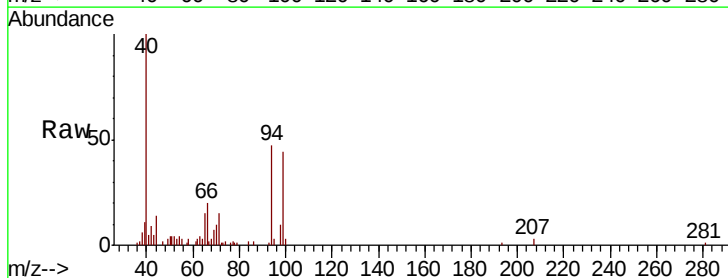
RT: 6.96 min Scan# 675

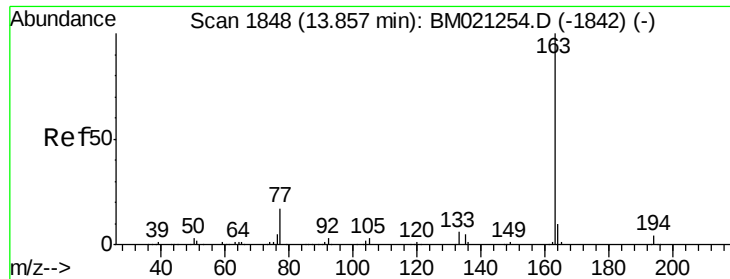
Delta R.T. -0.01 min

Lab File: BM021257.D

Acq: 29 Jun 2019 12:13

Tgt Ion:	94	Resp:	24452
Ion	Ratio	Lower	Upper
94	100		
65	31.2	22.6	34.0
66	42.7	31.2	46.8





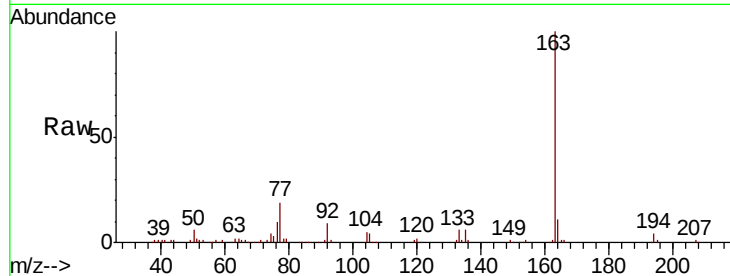
#44
Dimethylphthalate
Concen: 5.464 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Instrument :
BNA_M
ClientSampled :
C5BB9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.5	7.7	11.5

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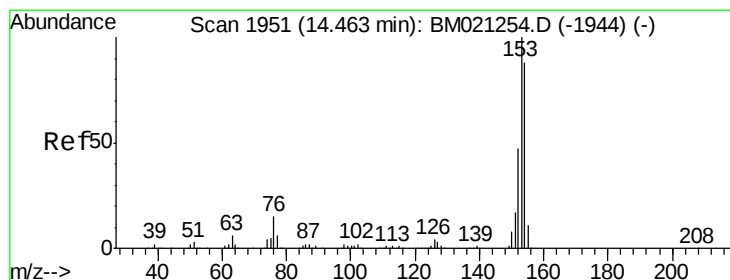
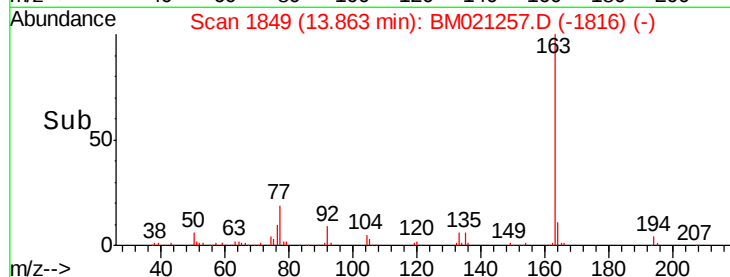
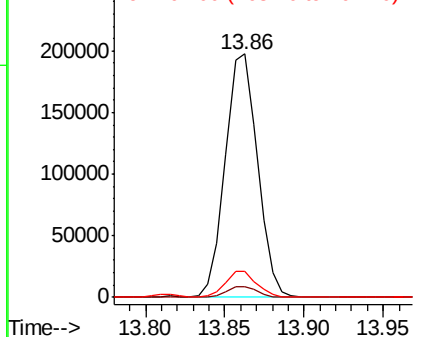


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 1.827 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

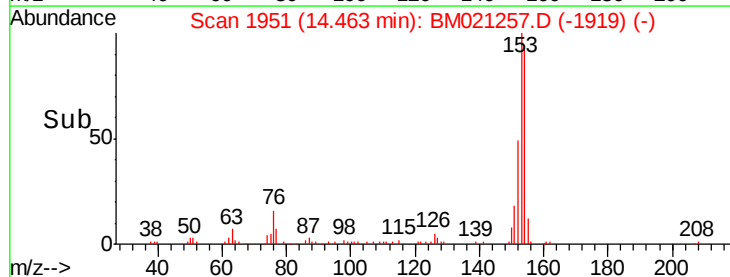
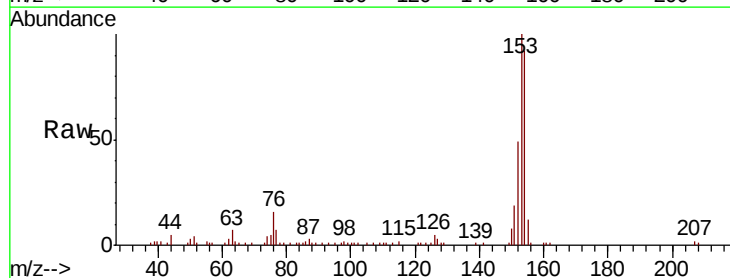
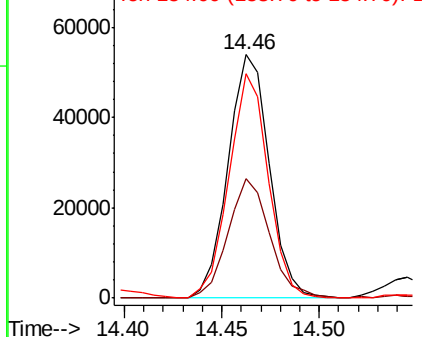
Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.3	55.9
154	91.9	70.5	105.7

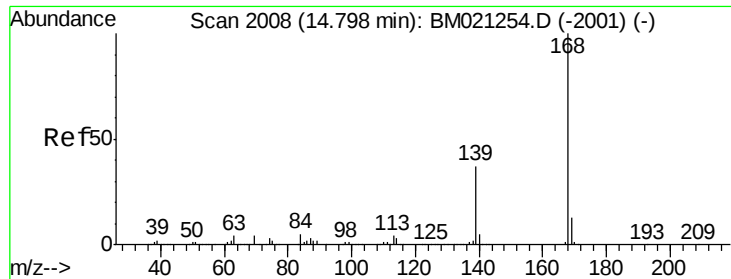
Abundance

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





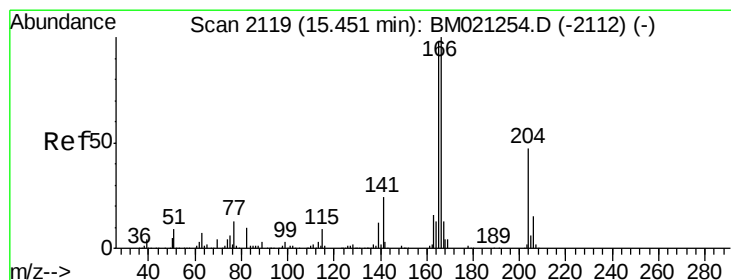
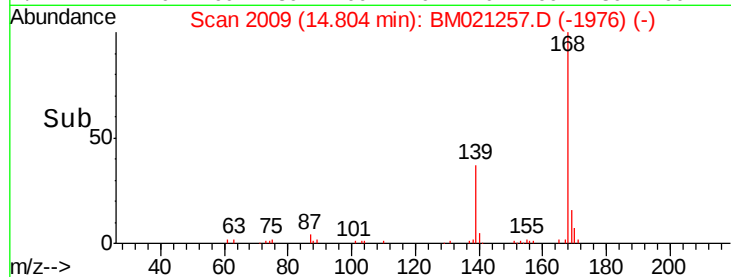
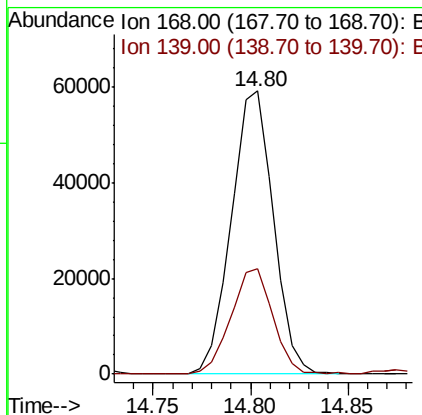
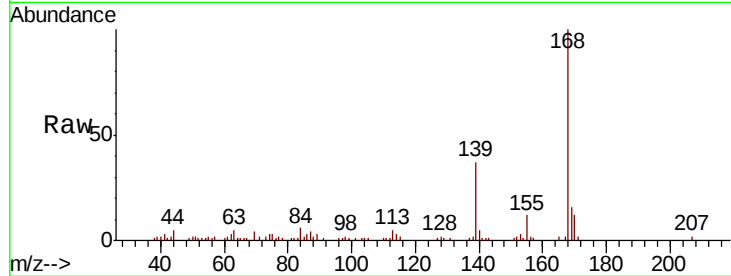
#53
Dibenzenofuran
Concen: 1.437 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Instrument :
BNA_M
ClientSampleId :
C5BB9

Tot Ion:168 Resp: 88342
Ion Ratio Lower Upper
168 100
139 37.4 29.7 44.5

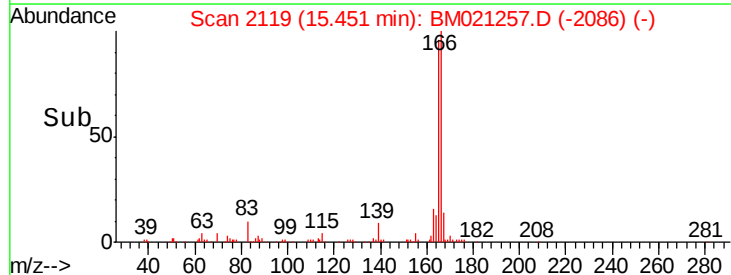
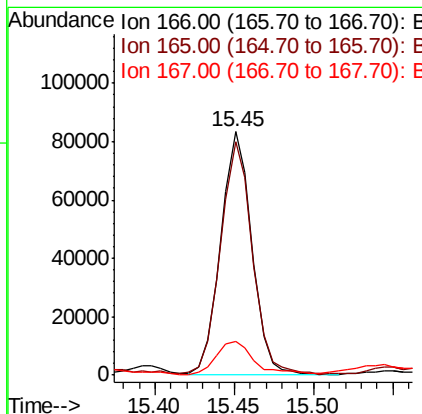
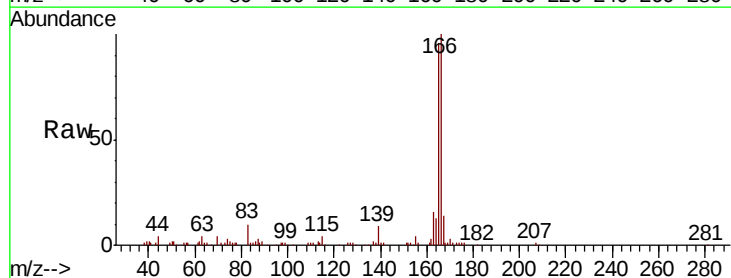
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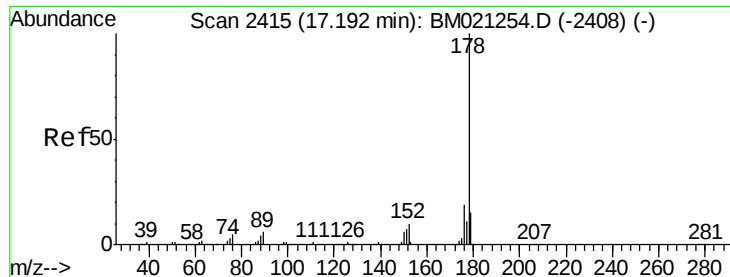
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#58
Fluorene
Concen: 2.250 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Tgt Ion:166 Resp: 112429
Ion Ratio Lower Upper
166 100
165 95.8 79.0 118.4
167 13.9 10.6 16.0





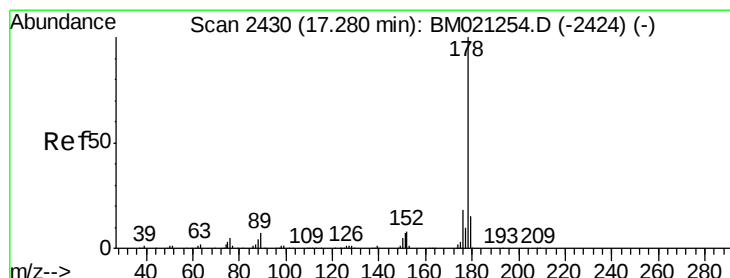
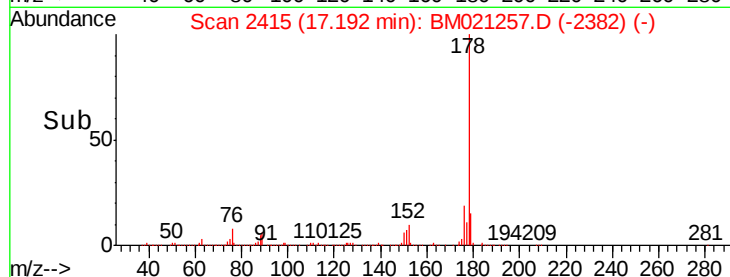
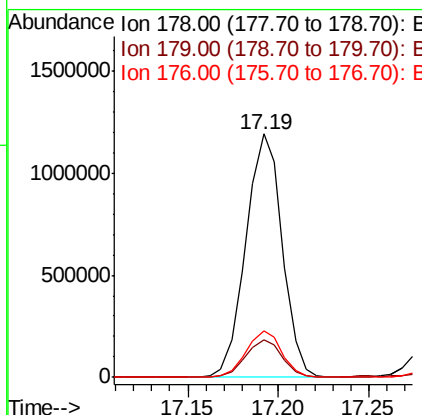
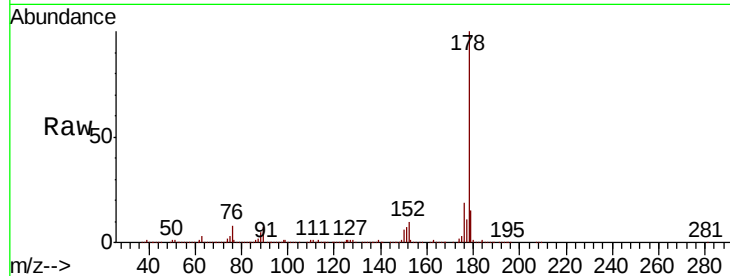
#69
Phenanthrene
Concen: 19.691 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Instrument :
BNA_M
ClientSampleId :
C5BB9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.0	15.0	22.6

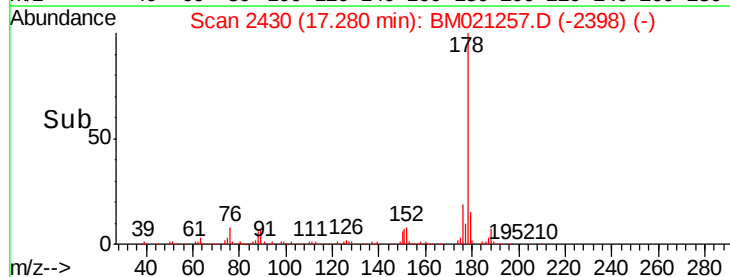
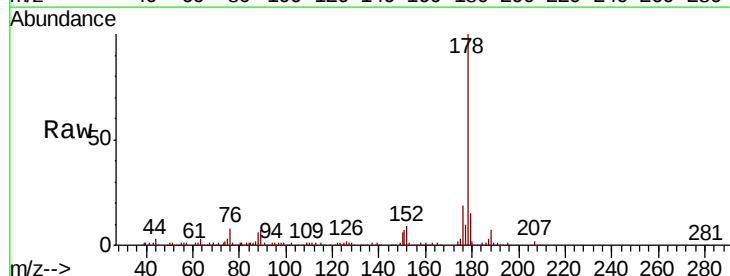
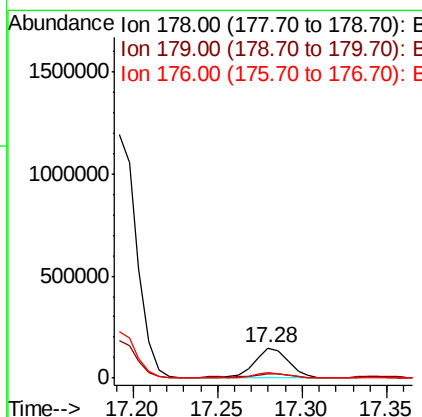
Manual Integrations
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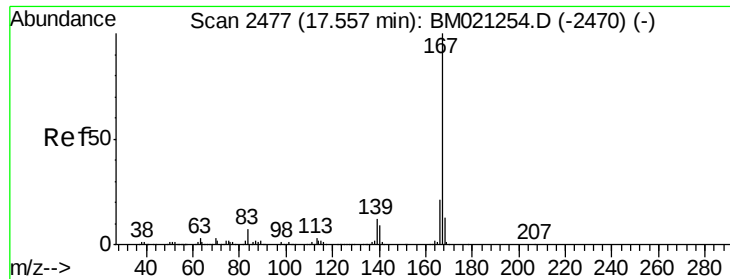
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#71
Anthracene
Concen: 2.383 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	18.8	14.6	21.8





#74

Carbazole

Concen: 1.133 ng/ul

RT: 17.56 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM021257.D

Acq: 29 Jun 2019 12:13

Instrument :

BNA_M

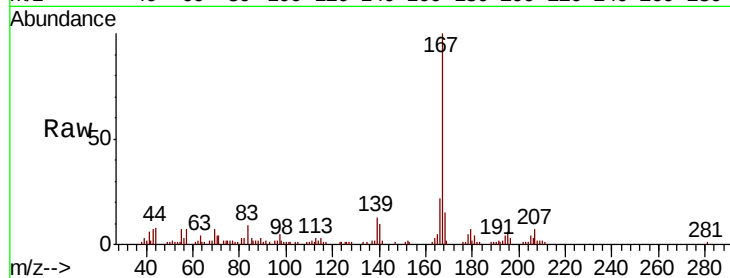
ClientSampleId :

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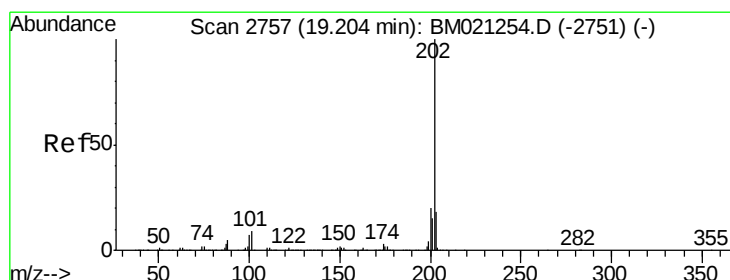
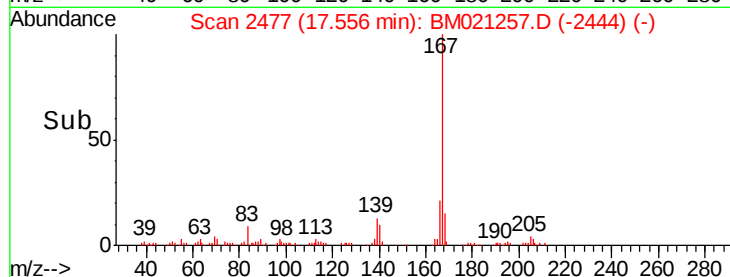
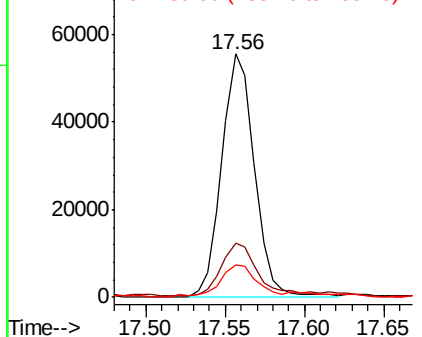
Tot Ion:	167	Resp:	80168
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.2
139	13.3	9.8	14.6

Manual Integrations
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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: 26.219 ng/ul

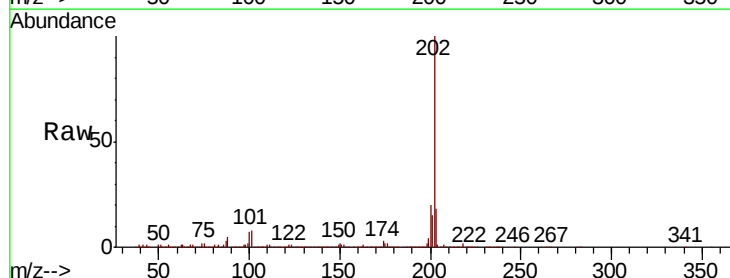
RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

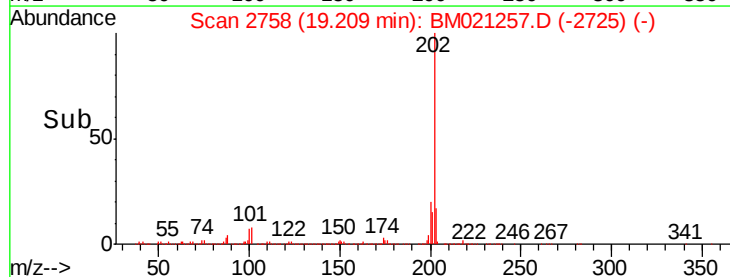
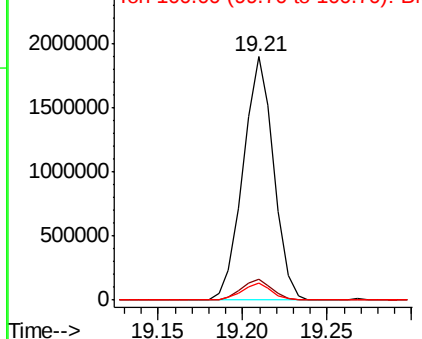
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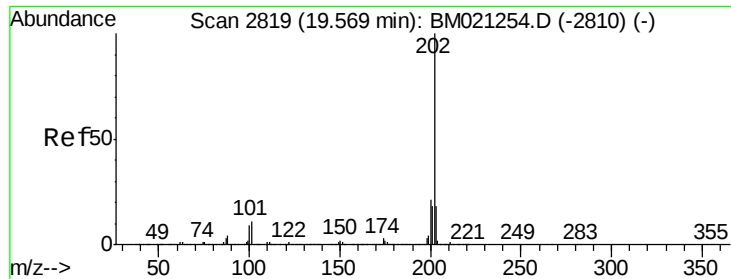
Acq: 29 Jun 2019 12:13

Tgt Ion:	202	Resp:	2386271
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.7	10.1
100	6.9	5.5	8.3



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): E





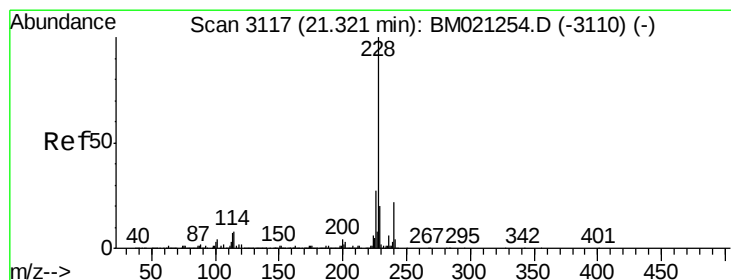
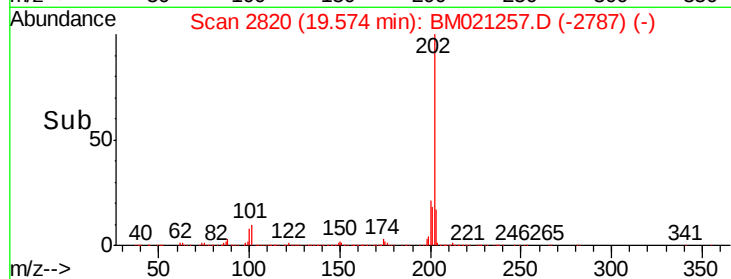
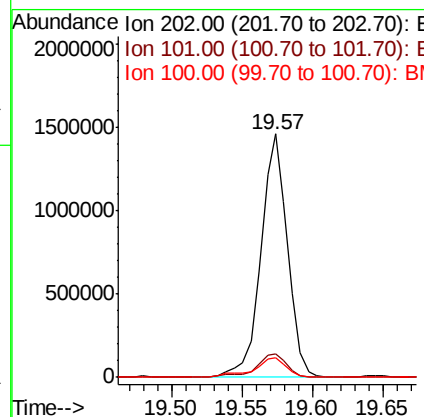
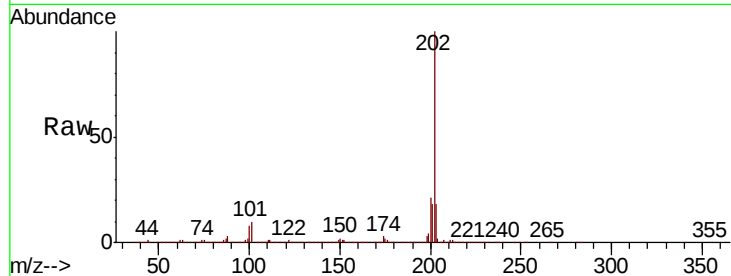
#79
Pvrene
Concen: 20.557 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Instrument :
BNA_M
ClientSampleId :
C5BB9

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.1	12.1
100	8.0	6.6	10.0

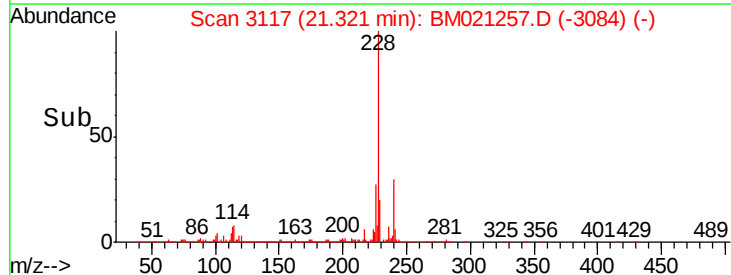
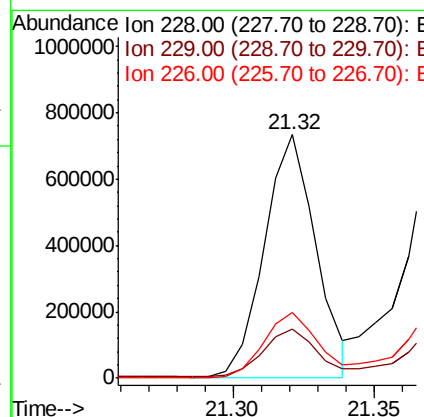
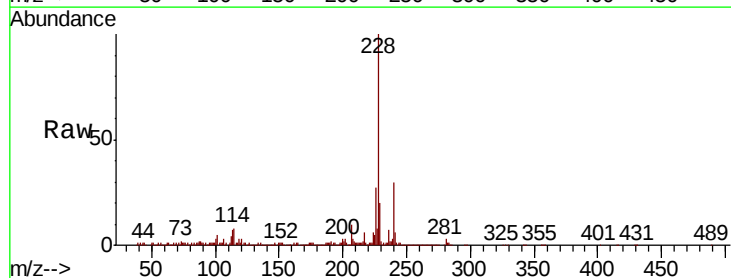
Manual Integrations
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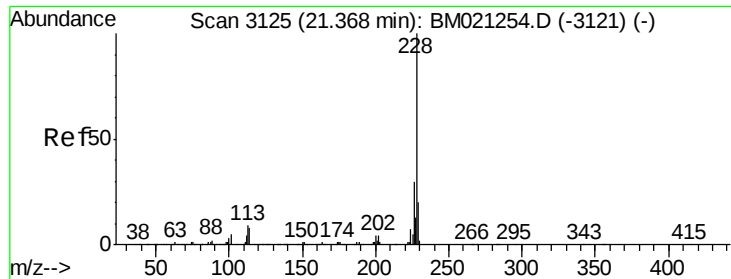
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#82
Benzo(a)anthracene
Concen: 10.194 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.1	21.4	32.2





#84

Chrysene

Concen: 11.797 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021257.D

Acq: 29 Jun 2019 12:13

Instrument :

BNA_M

ClientSampled :

C5BB9

Tot Ion:228 Resp: 1001578

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.2	15.4	23.2

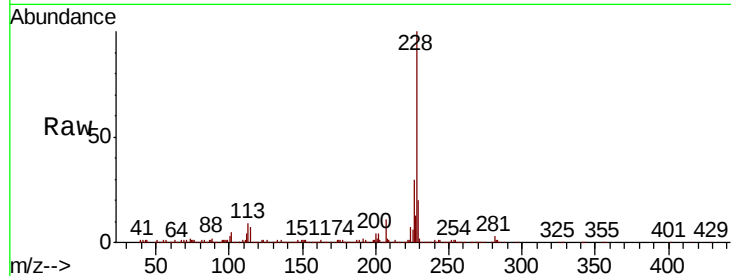
228 100

226 30.0 23.9 35.9

229 20.2 15.4 23.2

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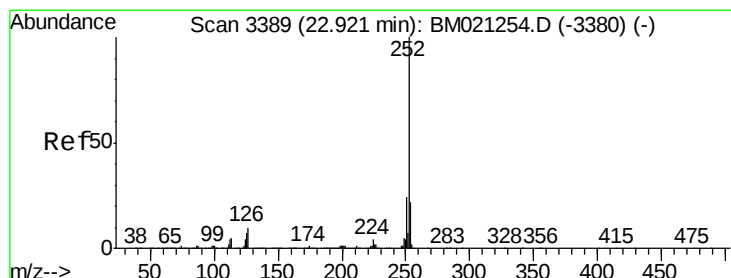
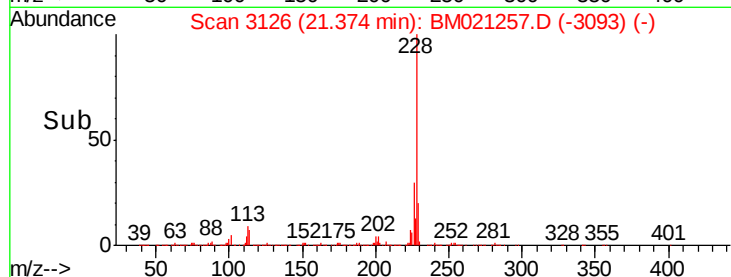
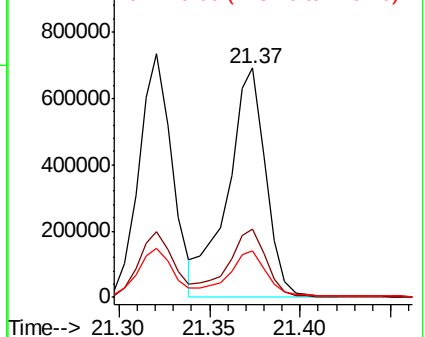


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 15.132 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021257.D

Acq: 29 Jun 2019 12:13

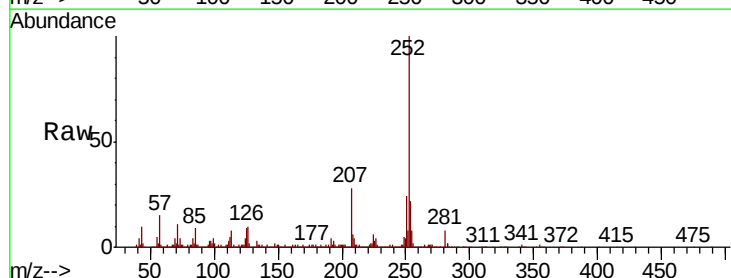
Tgt Ion:252 Resp: 1185916

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	8.8	6.3	9.5

252 100

253 22.5 17.5 26.3

125 8.8 6.3 9.5

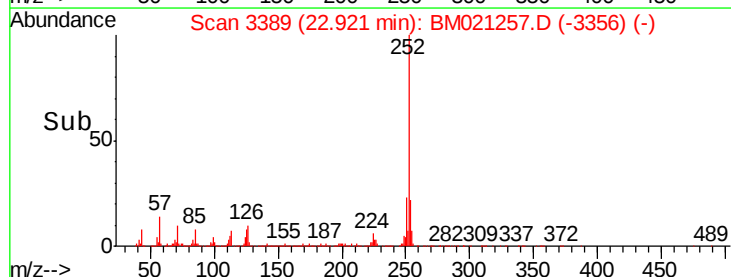
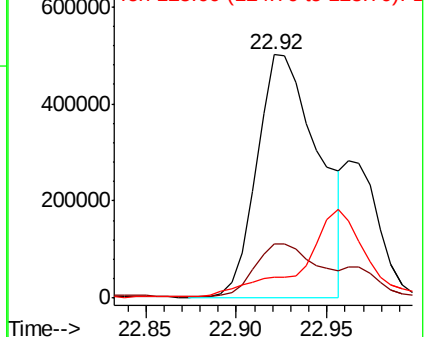


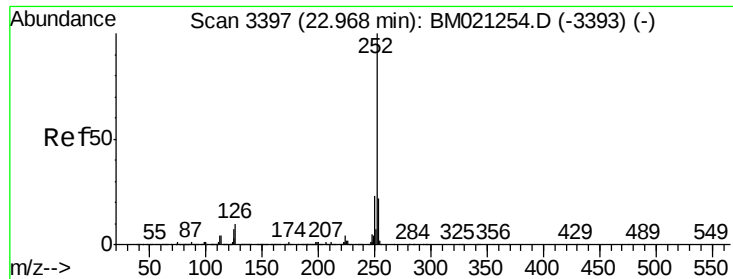
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





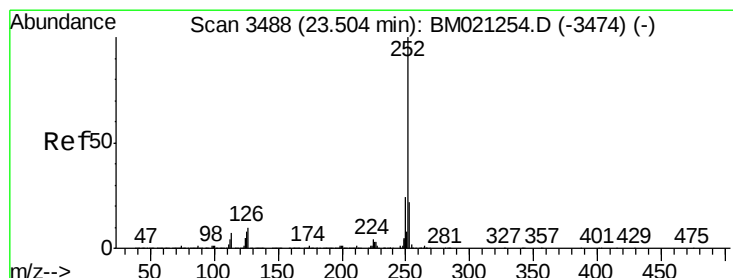
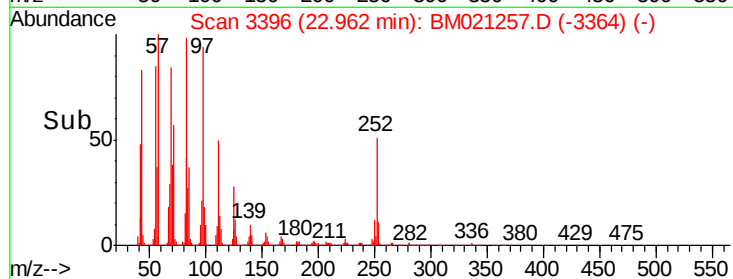
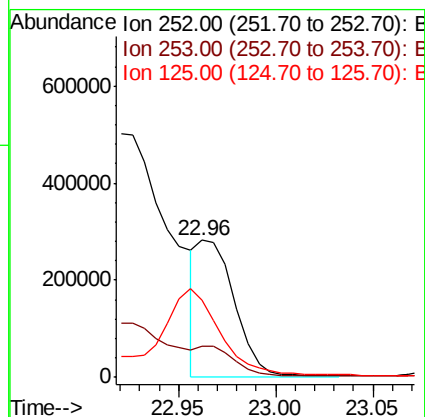
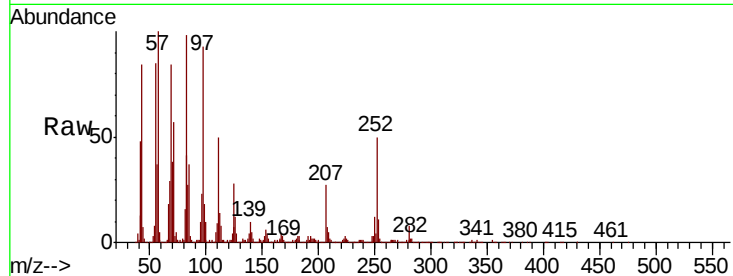
#88
Benzo(k)fluoranthene
Concen: 5.013 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Instrument :
BNA_M
ClientSampleId :
C5BB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	55.9	6.6	9.8

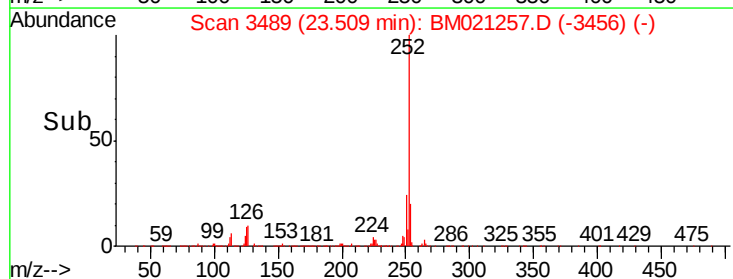
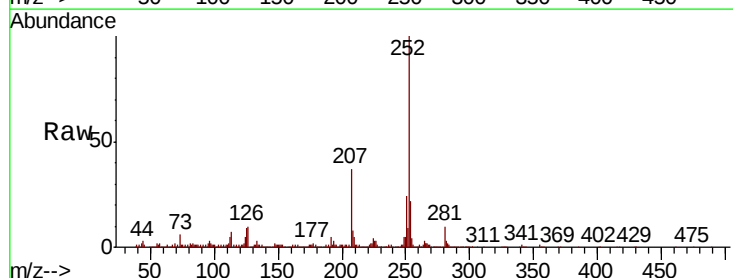
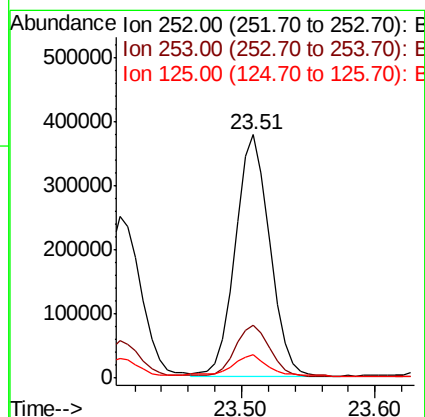
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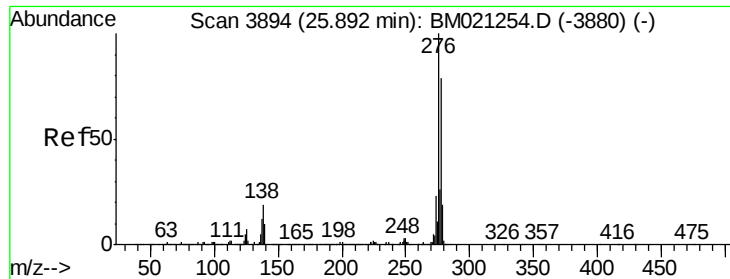
mohammad
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#90
Benzo(a)pyrene
Concen: 9.086 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.5	7.2	10.8





#91

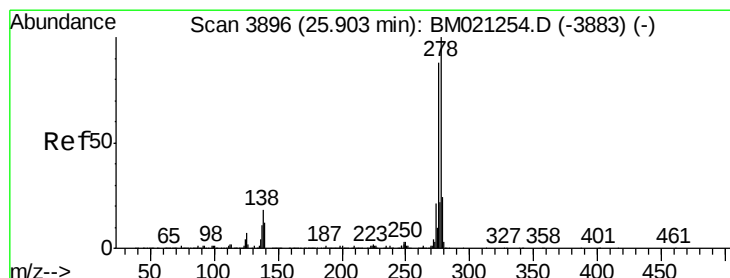
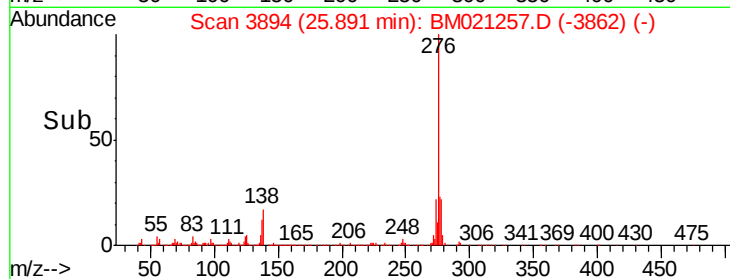
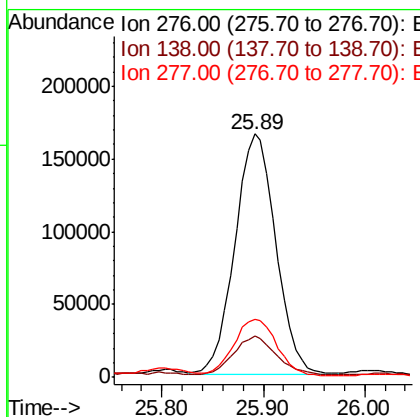
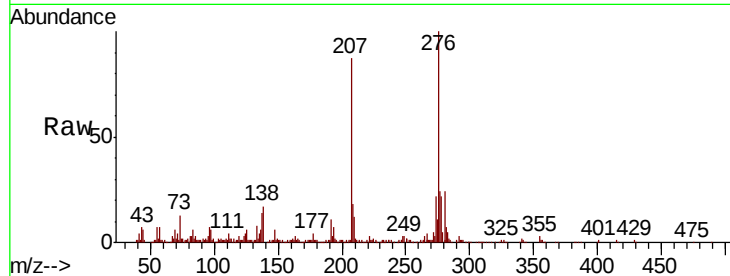
Indeno(1,2,3-cd)pyrene
Concen: 5.353 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Instrument :
BNA_M
ClientSampleId :
C5BB9

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.9	23.9
277	24.0	20.4	30.6

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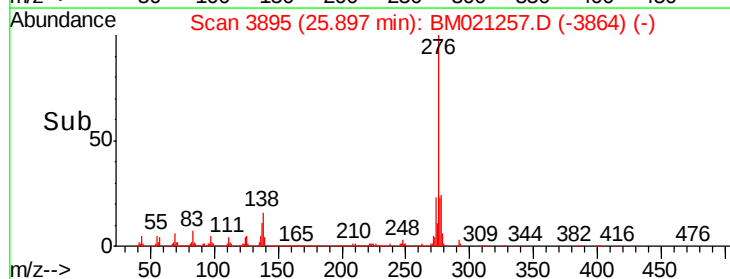
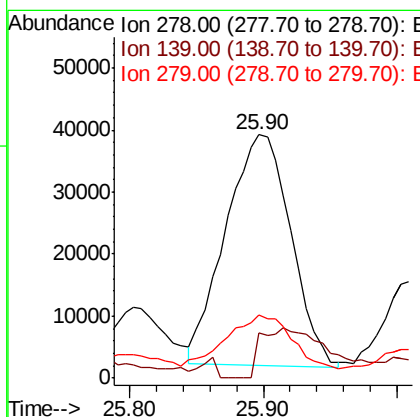
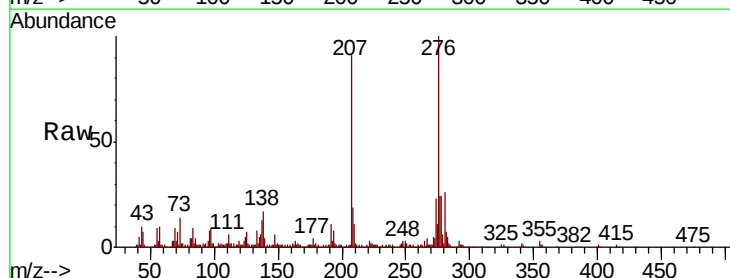
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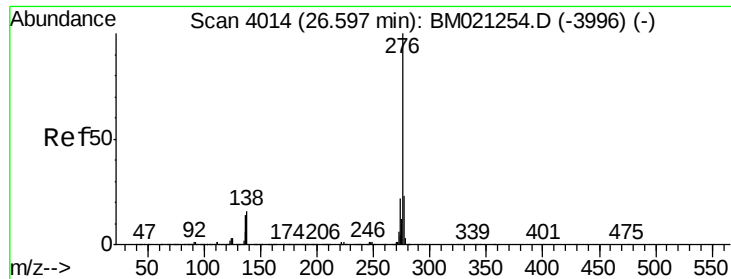


#92

Dibenzo(a,h)anthracene
Concen: 1.727 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021257.D
Acq: 29 Jun 2019 12:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	10.6	15.8#
279	25.9	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 5.156 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM021257.D

Acq: 29 Jun 2019 12:13

Instrument :

BNA_M

ClientSampleId :

C5BB9

Tot Ion:	276	Resp:	368843
Ion Ratio	Lower	Upper	
276	100		
138	17.0	14.6	21.8
277	23.7	18.9	28.3

Manual Integrations
APPROVED

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