

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021268.D
 Acq On : 29 Jun 2019 18:52
 Operator : HP/JU
 Sample : K3593-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6BA0

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:43:04 PM

Quant Time: Jun 29 23:51:12 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	312024	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1332121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	831731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1778048	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1256300	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1411470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	26320	4.01	ng/uL	0.00
5) Phenol-d5	6.93	99	694866	25.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	392102	24.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	573068	25.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	604733	26.67	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	300060	27.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	356008	29.65	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	683873	28.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	71593	2.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2103542	27.99	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2459563	26.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	279795	22.89	ng/ul	0.00
57) Fluorene-d10	15.40	176	1791421	27.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	196845	18.01	ng/ul	-0.01
70) Anthracene-d10	17.25	188	2476978	26.81	ng/ul	0.00
78) Pyrene-d10	19.54	212	2216885	29.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2203696	26.46	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.86	163	1549014	22.642	ng/ul	99
68) Pentachlorophenol	16.80	266	19834	1.583	ng/ul	89
69) Phenanthrene	17.19	178	856721	8.712	ng/ul	99
71) Anthracene	17.28	178	150263	1.500	ng/ul	99
74) Carbazole	17.56	167	85660	1.037	ng/ul	98
76) Fluoranthene	19.21	202	2123398	19.984	ng/ul	99
79) Pyrene	19.57	202	1613836	18.171	ng/ul	99
82) Benzo(a)anthracene	21.32	228	789340	9.216	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	100942	2.156	ng/ul	99
84) Chrysene	21.37	228	933330	11.635	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	1393881	15.590	ng/ul#	96
88) Benzo(k)fluoranthene	22.96	252	508926m	5.917	ng/ul	
90) Benzo(a)pyrene	23.51	252	795954	9.458	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	670715	6.768	ng/ul	97
92) Dibenzo(a,h)anthracene	25.90	278	170937	2.051	ng/ul#	85
93) Benzo(g,h,i)perylene	26.61	276	557413	6.830	ng/ul	99

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

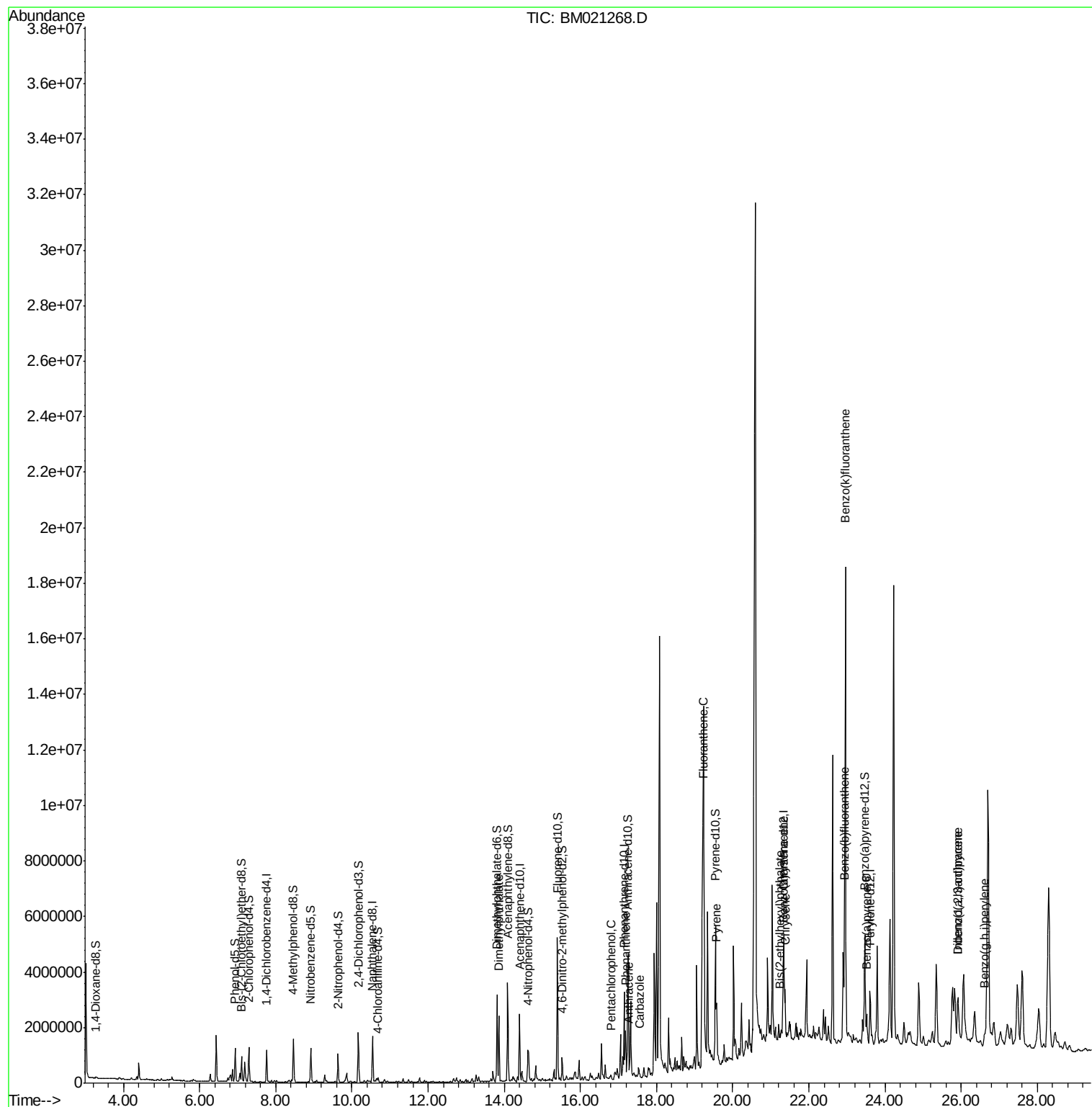
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

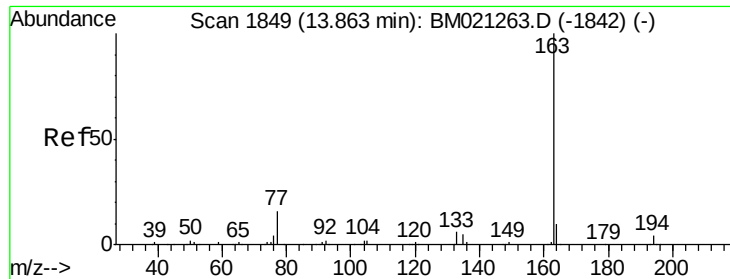
Instrument :
BNA_M
ClientSampleId :
C6BA0

Quant Time: Jun 29 23:51:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
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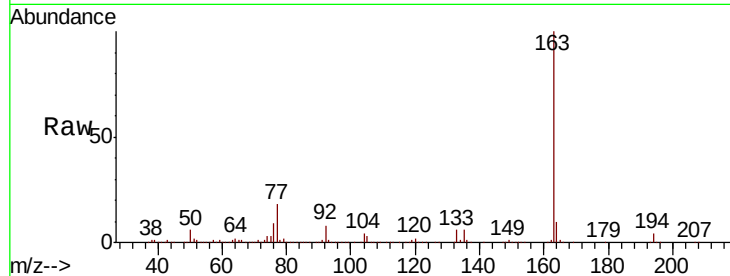
#44
Dimethylphthalate
Concen: 22.642 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Instrument :
BNA_M
ClientSampleId :
C6BA0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	7.7	11.5

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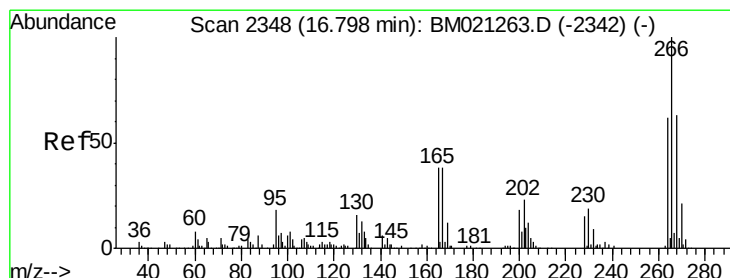
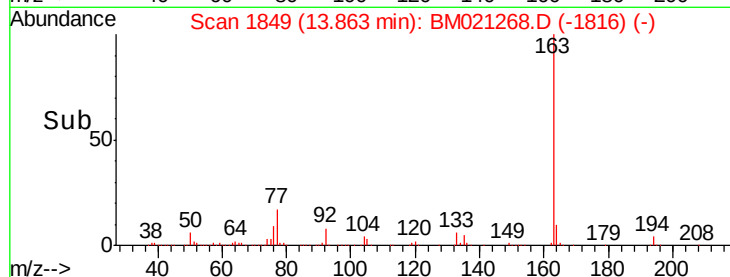
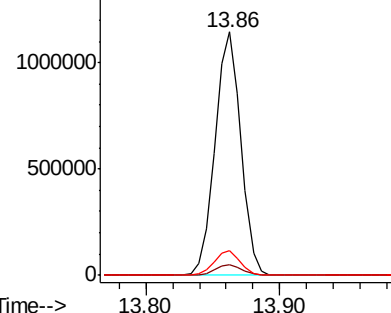


Abundance

Ion 163.00 (162.70 to 163.70): E

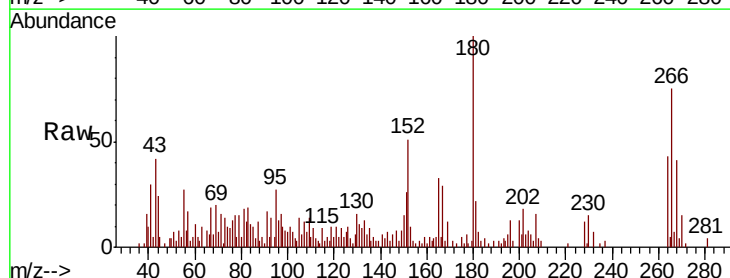
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#68
Pentachlorophenol
Concen: 1.583 ng/ul
RT: 16.80 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.6	49.9	74.9
268	54.7	53.4	80.0

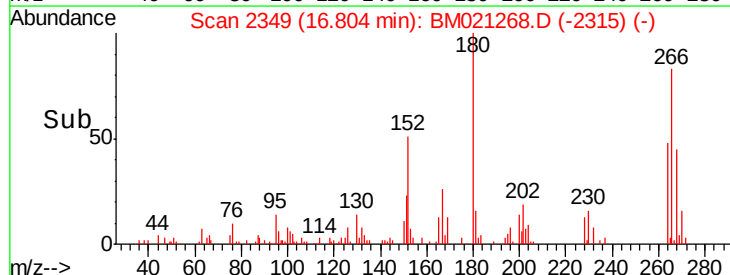
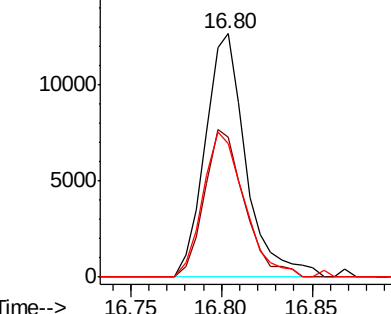


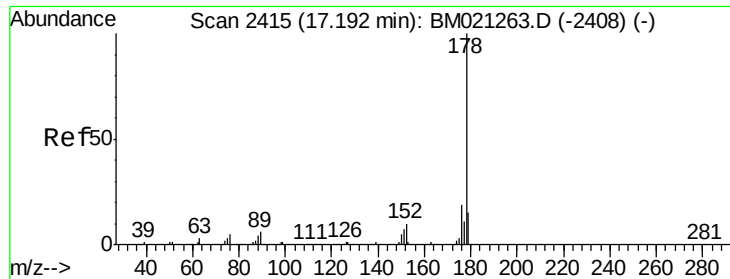
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 8.712 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021268.D

Acq: 29 Jun 2019 18:52

Instrument :

BNA_M

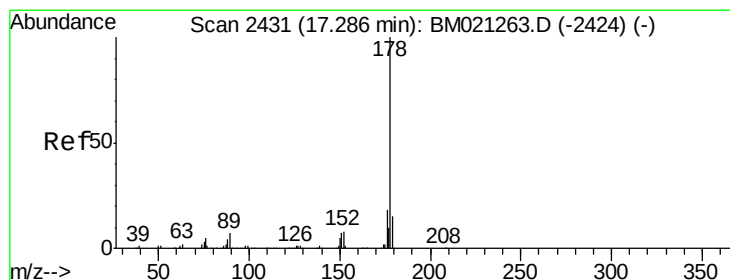
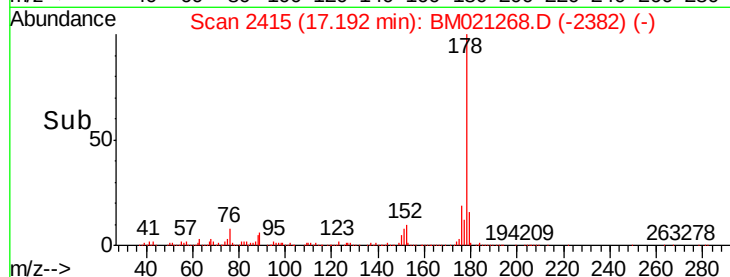
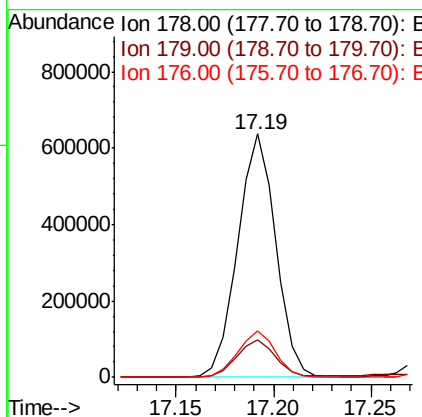
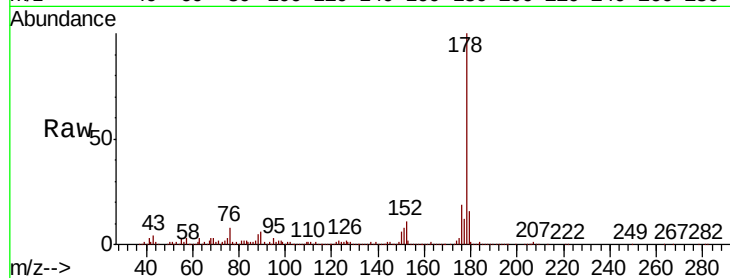
ClientSampleId :

C6BA0

Tot Ion:	178	Resp:	856721
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.8	17.8
176	19.2	15.0	22.6

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#71

Anthracene

Concen: 1.500 ng/ul

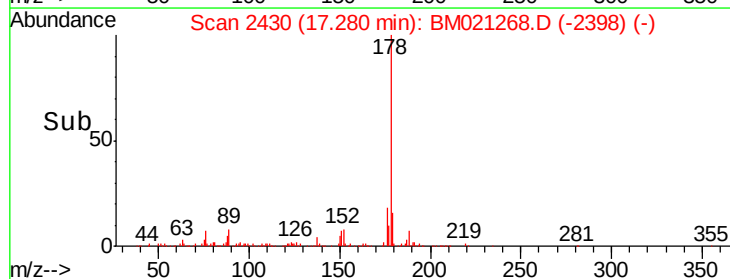
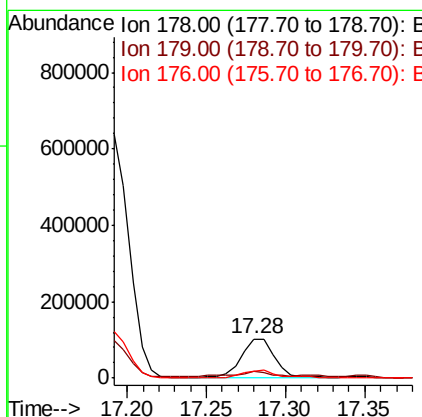
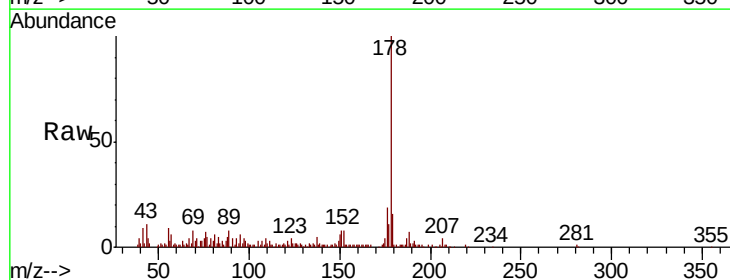
RT: 17.28 min Scan# 2430

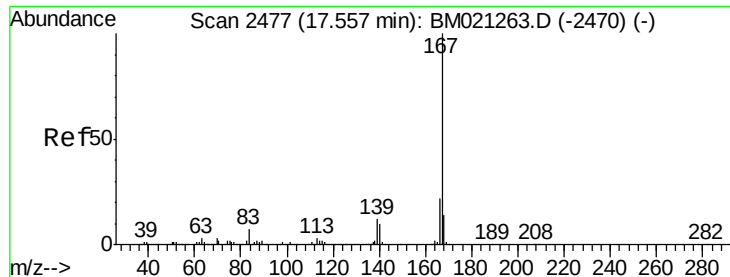
Delta R.T. -0.01 min

Lab File: BM021268.D

Acq: 29 Jun 2019 18:52

Tgt Ion:	178	Resp:	150263
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.5	18.7
176	18.8	14.6	21.8





#74

Carbazole

Concen: 1.037 ng/ul

RT: 17.56 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM021268.D

Acq: 29 Jun 2019 18:52

Instrument :

BNA_M

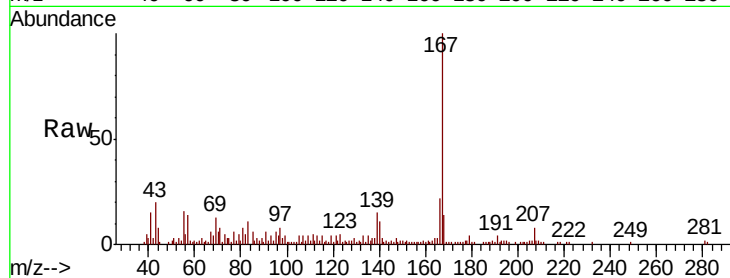
ClientSampleId :

C6BA0

Tot Ion:	167	Resp:	85660
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.4	26.2
139	14.6	9.8	14.6

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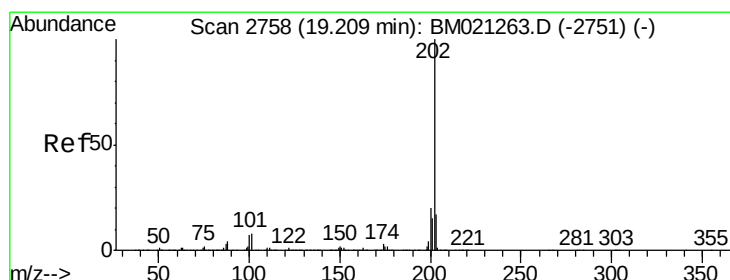
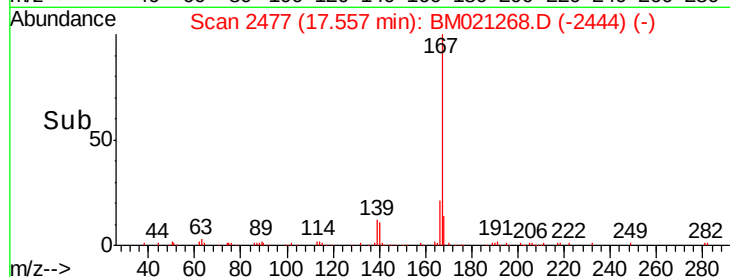
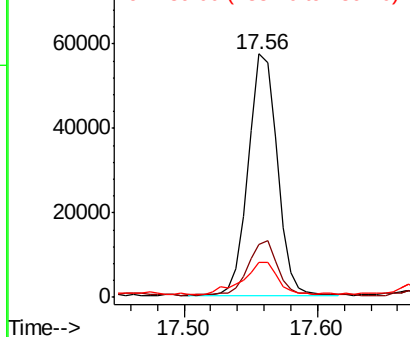


Abundance

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: 19.984 ng/ul

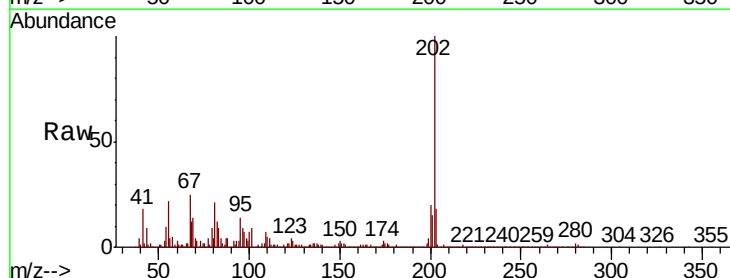
RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021268.D

Acq: 29 Jun 2019 18:52

Tgt Ion:	202	Resp:	2123398
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.7	10.1
100	6.5	5.5	8.3

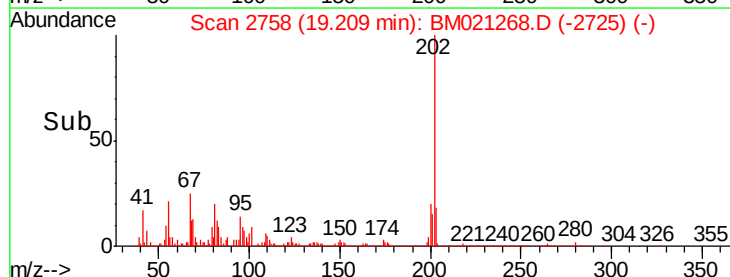
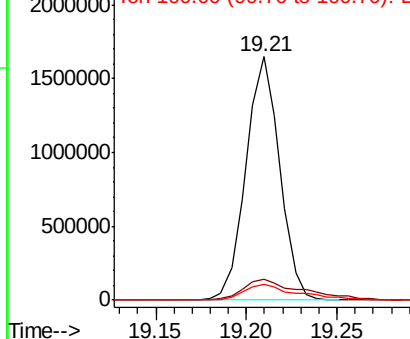


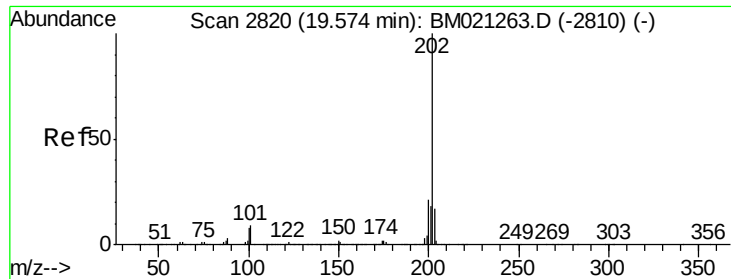
Abundance

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





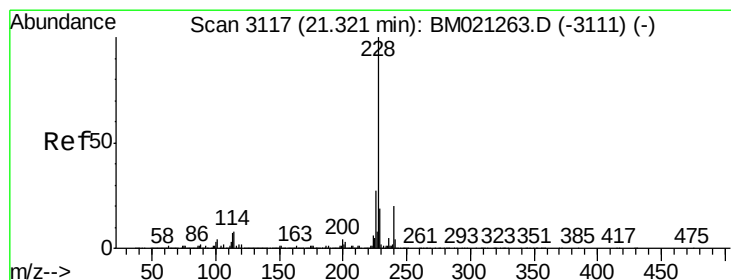
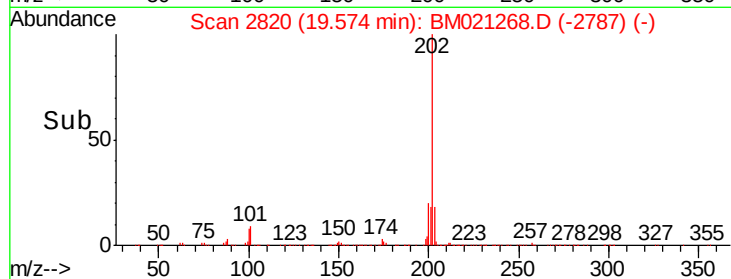
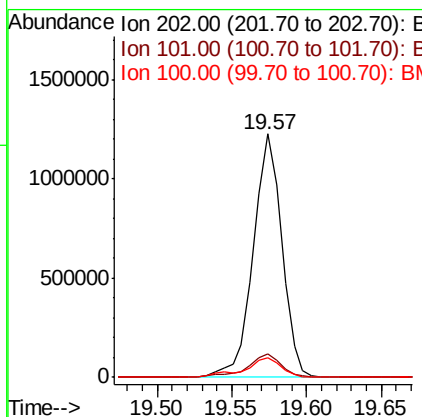
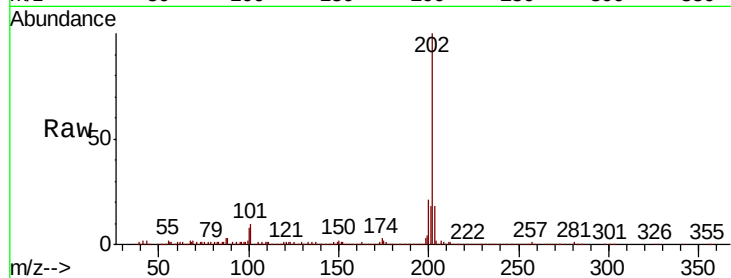
#79
Pvrene
Concen: 18.171 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Instrument :
BNA_M
ClientSampleId :
C6BA0

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.1	12.1
100	8.1	6.6	10.0

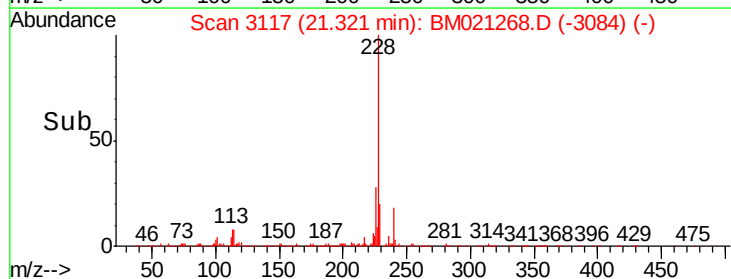
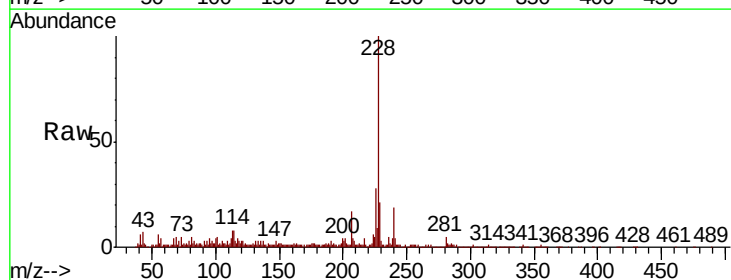
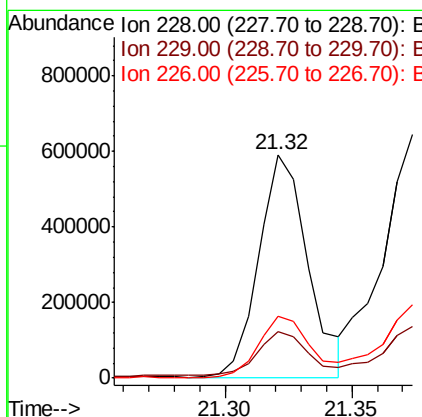
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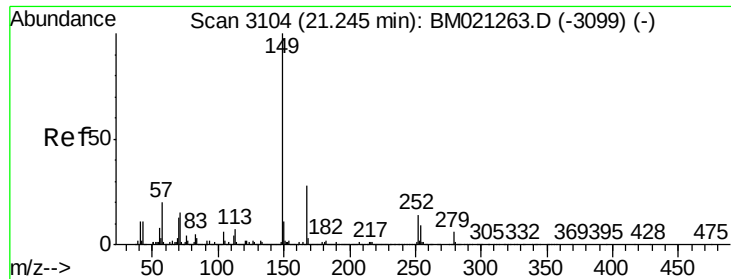
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#82
Benzo(a)anthracene
Concen: 9.216 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	27.9	21.4	32.2





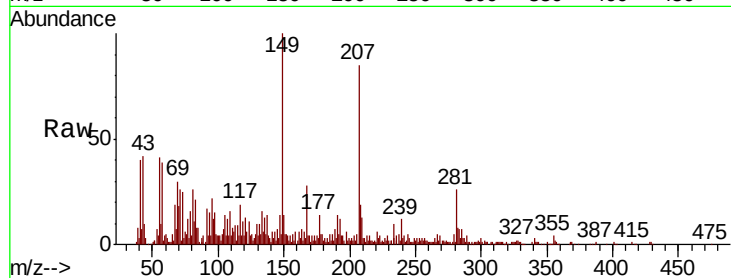
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.156 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM021268.D
 Acq: 29 Jun 2019 18:52

Instrument :
 BNA_M
 ClientSampleId :
 C6BA0

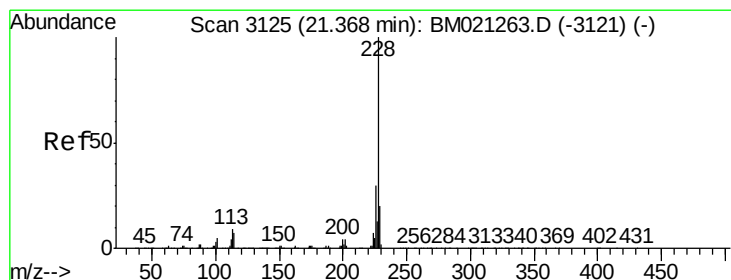
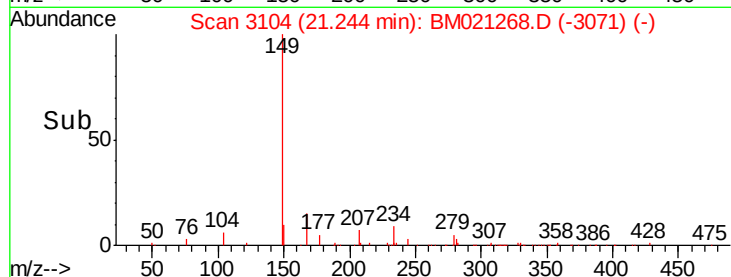
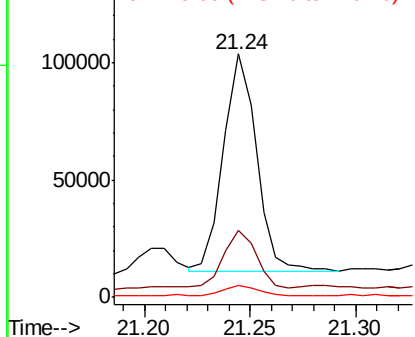
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.3	33.5
279	5.0	3.8	5.6

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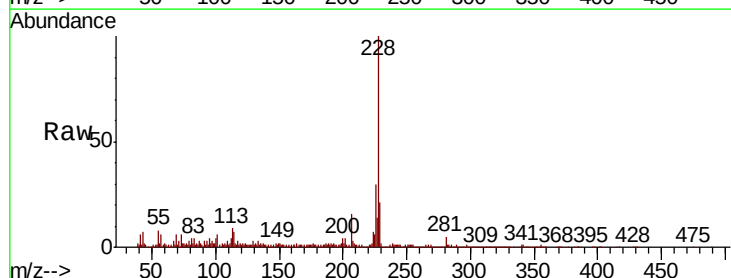


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

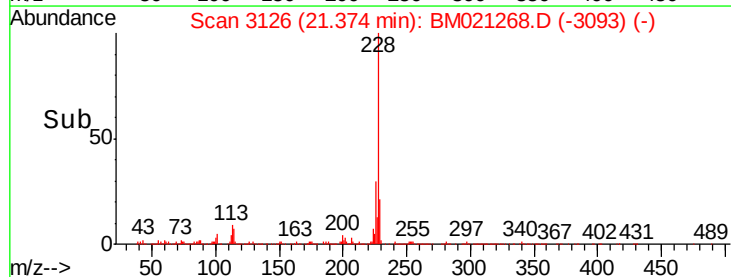
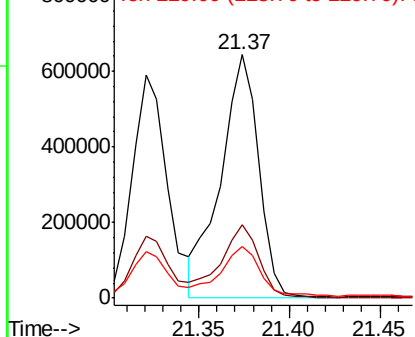


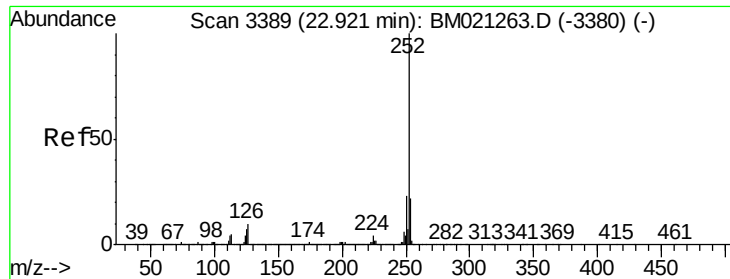
#84
 Chrysene
 Concen: 11.635 ng/ul
 RT: 21.37 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM021268.D
 Acq: 29 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	21.1	15.4	23.2



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: 15.590 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM021268.D

Acq: 29 Jun 2019 18:52

Instrument :

BNA_M

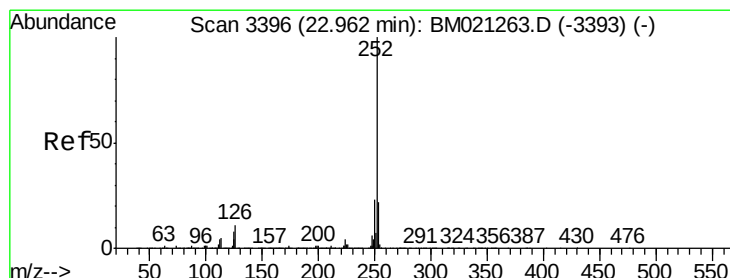
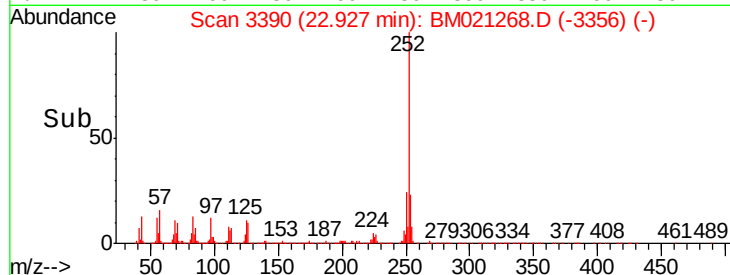
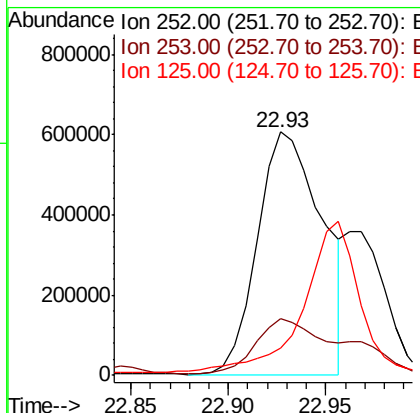
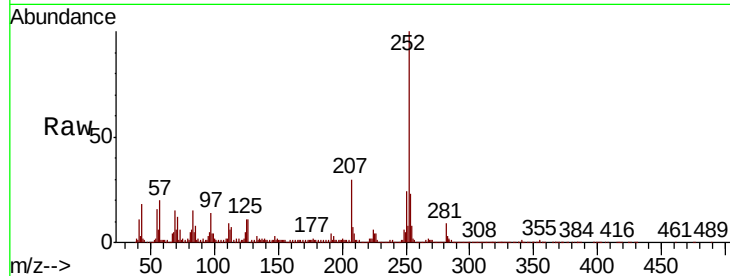
ClientSampleId :

C6BA0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.4	6.3	9.5#

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#88

Benzo(k)fluoranthene

Concen: 5.917 ng/ul m

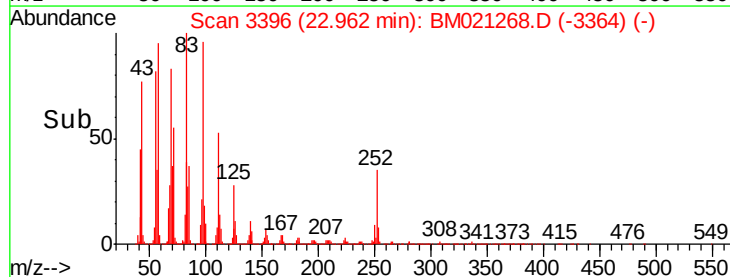
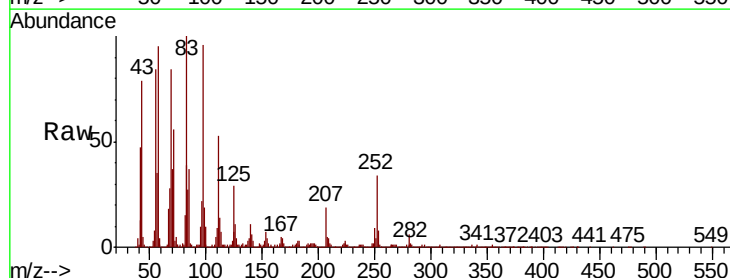
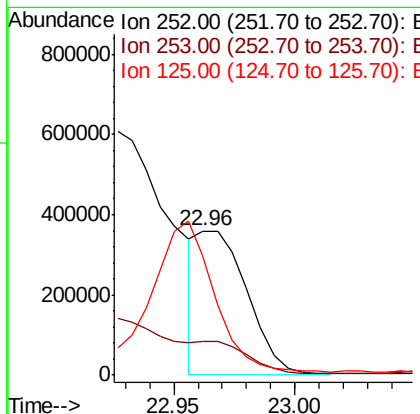
RT: 22.96 min Scan# 3396

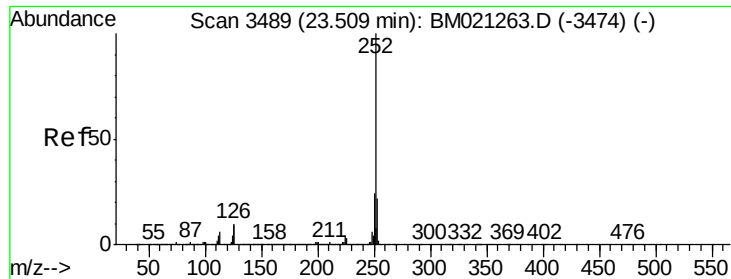
Delta R.T. -0.01 min

Lab File: BM021268.D

Acq: 29 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	82.9	6.6	9.8#





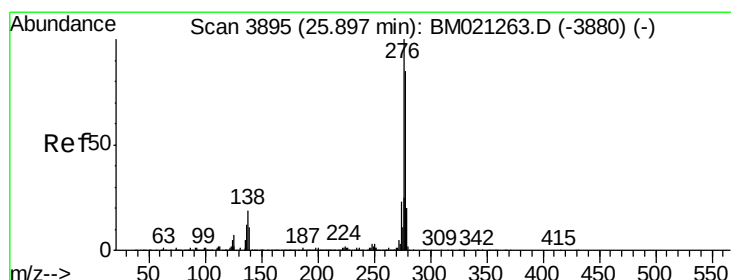
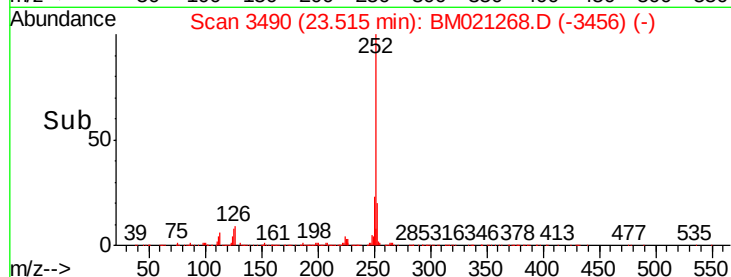
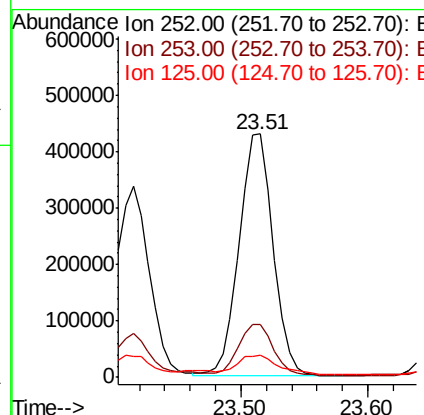
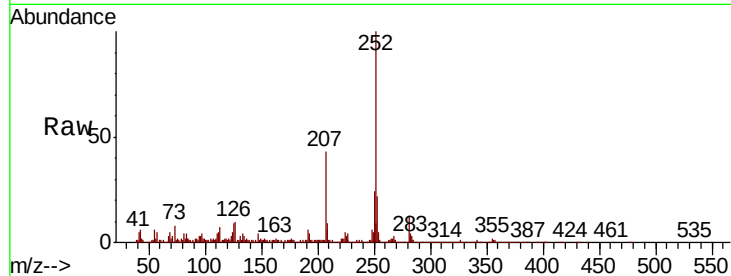
#90
Benzo(a)pyrene
Concen: 9.458 ng/ul
RT: 23.51 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Instrument :
BNA_M
ClientSampled :
C6BA0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.1	7.2	10.8

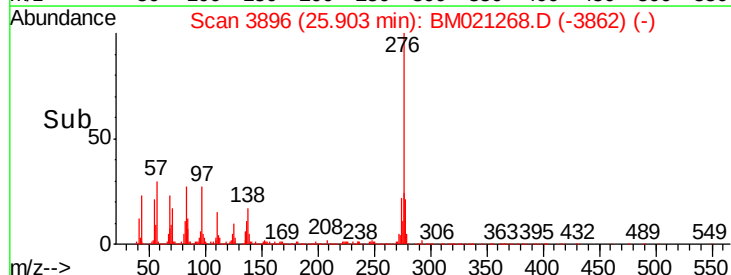
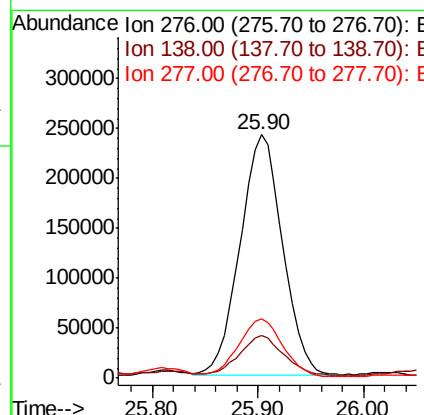
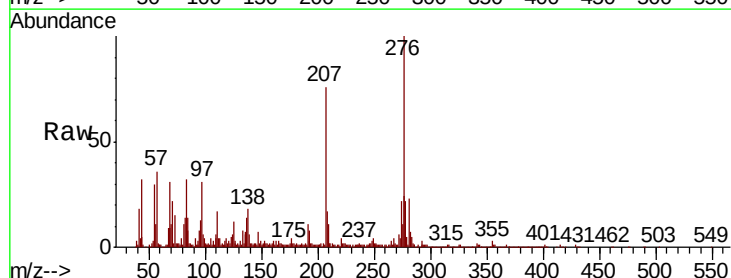
Manual Integrations
APPROVED

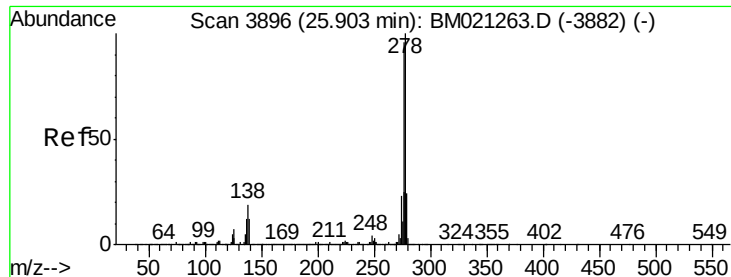
mohammad
7/1/2019 2:43:04 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 6.768 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.00 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	17.7	15.9	23.9
277	24.4	20.4	30.6





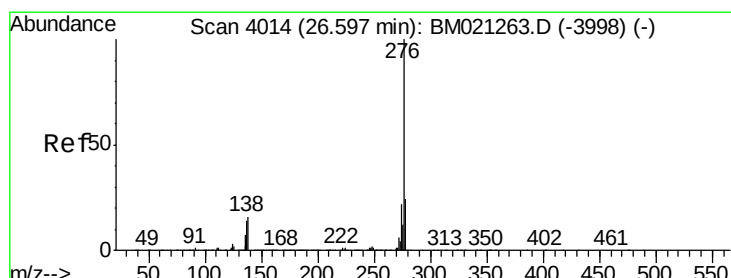
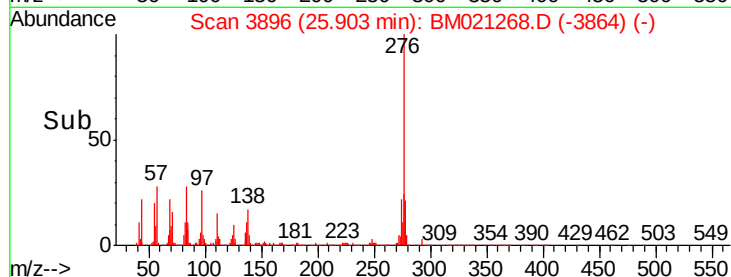
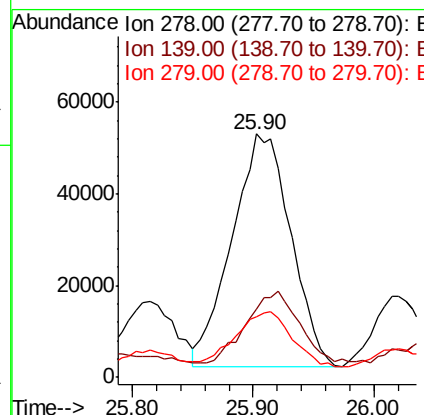
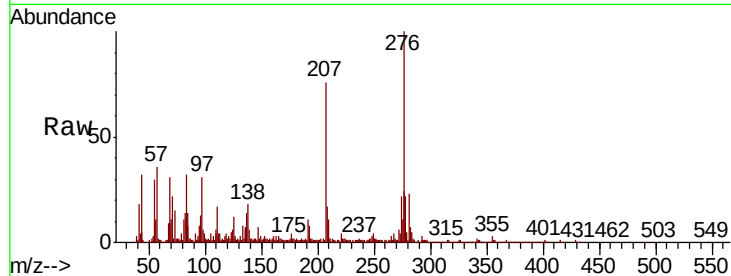
#92
Dibenzo(a,h)anthracene
Concen: 2.051 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Instrument :
BNA_M
ClientSampleId :
C6BA0

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.1	10.6	15.8#
279	25.1	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/1/2019 2:43:04 PM



#93
Benzo(g,h,i)perylene
Concen: 6.830 ng/ul
RT: 26.61 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BM021268.D
Acq: 29 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.6	21.8
277	23.6	18.9	28.3

