

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021213.D
 Acq On : 27 Jun 2019 12:55
 Operator : HP/JU
 Sample : K3502-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AC8

Manual Integrations
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Quant Time: Jun 27 14:49:12 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	217569	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	986528	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	644950	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1506623	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1176603	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1162050	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	11072	2.42	ng/uL	0.00
5) Phenol-d5	6.93	99	244624	12.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	151697	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	205194	13.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	162500	10.28	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	111661	13.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	128558	14.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	246831	13.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	275116	14.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	939117	16.12	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1030668	14.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	79917	8.43	ng/ul	0.00
57) Fluorene-d10	15.40	176	812876	16.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	89256	9.64	ng/ul	0.00
70) Anthracene-d10	17.25	188	1223580	15.63	ng/ul	0.00
78) Pyrene-d10	19.54	212	1275861	18.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1031651	15.05	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.86	163	205576	3.875 ng/ul	98
69) Phenanthrene	17.19	178	262229	3.147 ng/ul	98
76) Fluoranthene	19.21	202	1141752	12.682 ng/ul	99
79) Pyrene	19.57	202	909009	10.928 ng/ul	98
82) Benzo(a)anthracene	21.32	228	462858	5.770 ng/ul	99
84) Chrysene	21.37	228	574014	7.641 ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	819794	11.137 ng/ul	98
88) Benzo(k)fluoranthene	22.97	252	233811m	3.302 ng/ul	
90) Benzo(a)pyrene	23.51	252	402247	5.806 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	339090	4.156 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.90	278	81957	1.194 ng/ul#	85
93) Benzo(g,h,i)perylene	26.60	276	258503	3.847 ng/ul	98

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

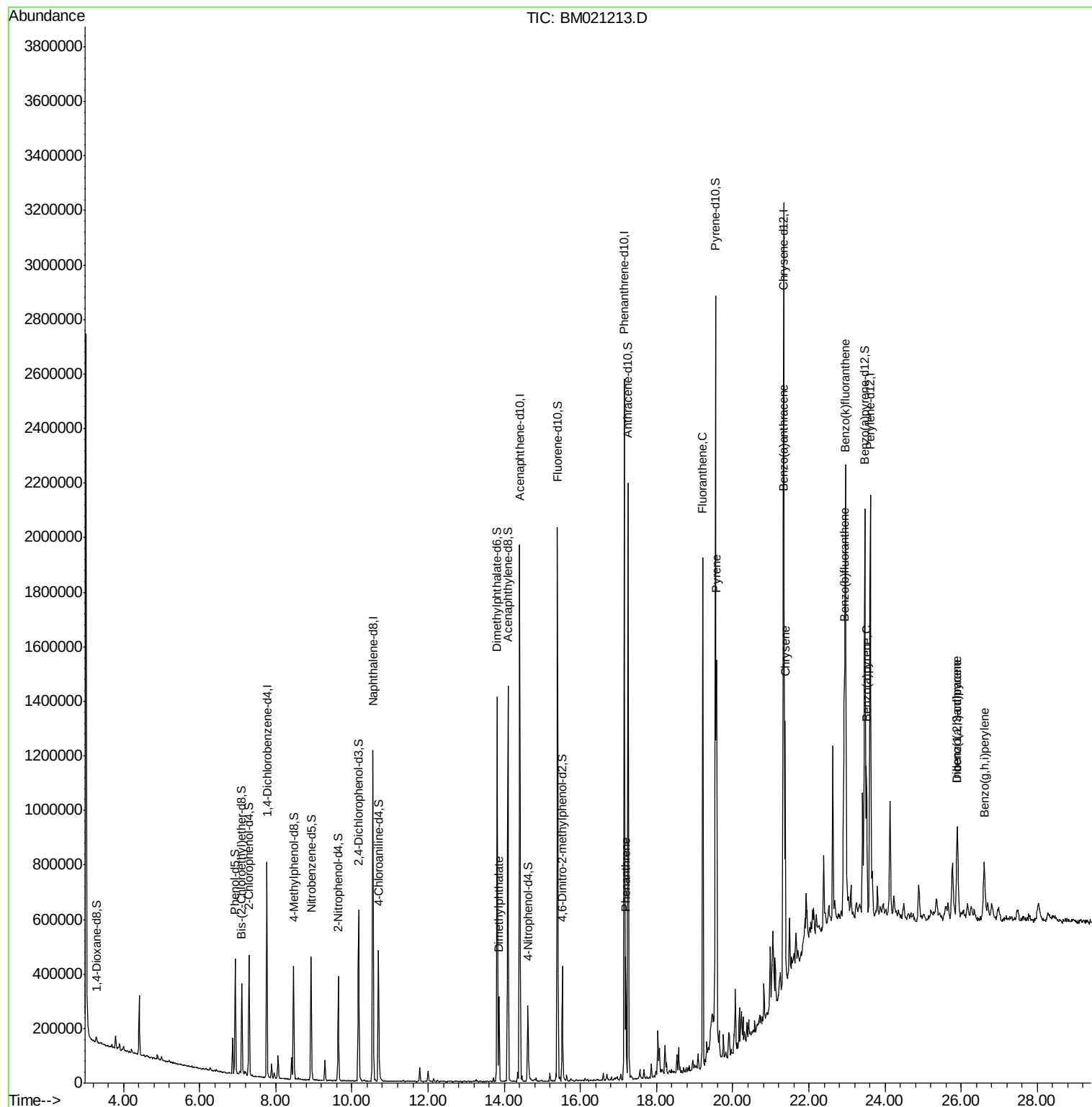
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021213.D
Acq On : 27 Jun 2019 12:55
Operator : HP/JU
Sample : K3502-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

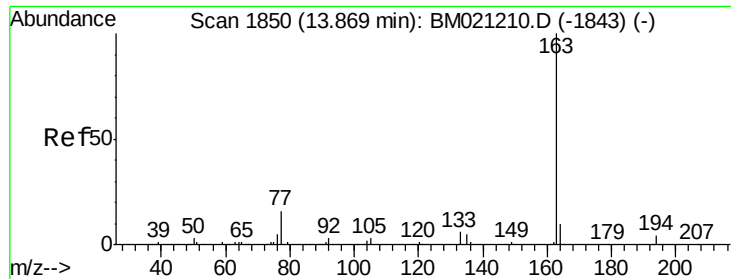
Instrument :
BNA_M
ClientSampleId :
C5AC8

Quant Time: Jun 27 14:49:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
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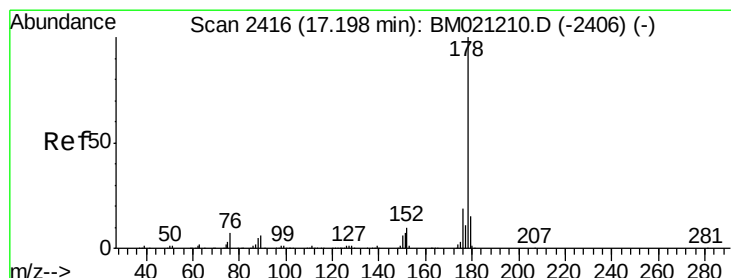
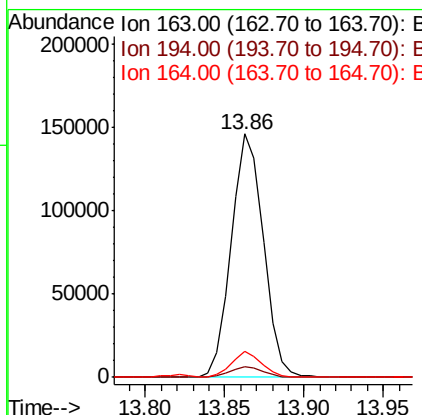
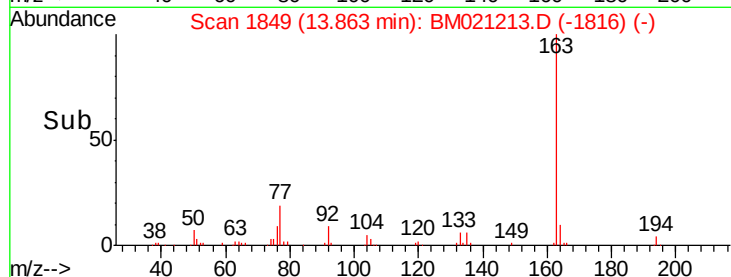
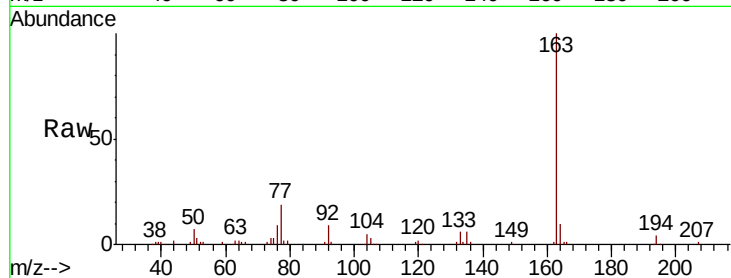
#44
Dimethylphthalate
Concen: 3.875 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Instrument :
BNA_M
ClientSampled :
C5AC8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	205576		
194	4.4		3.4	5.2
164	10.5		7.7	11.5

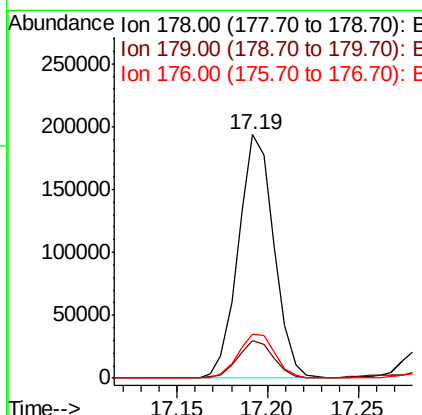
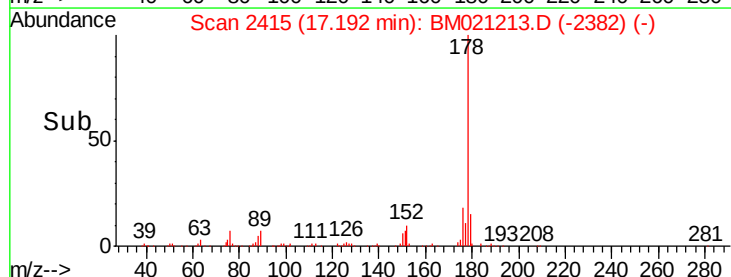
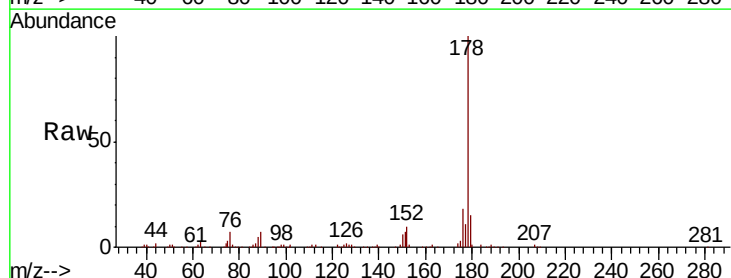
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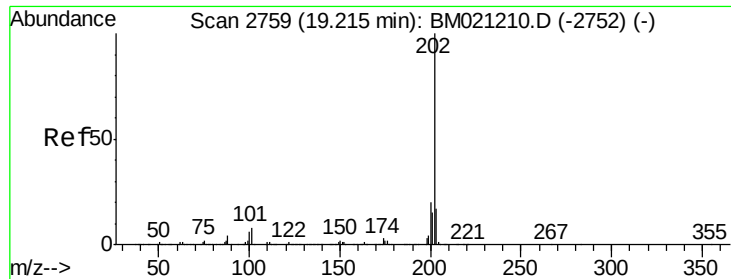
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#69
Phenanthrene
Concen: 3.147 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	262229		
179	15.3		11.8	17.8
176	17.9		15.0	22.6





#76

Fluoranthene

Concen: 12.682 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021213.D

Acq: 27 Jun 2019 12:55

Instrument :

BNA_M

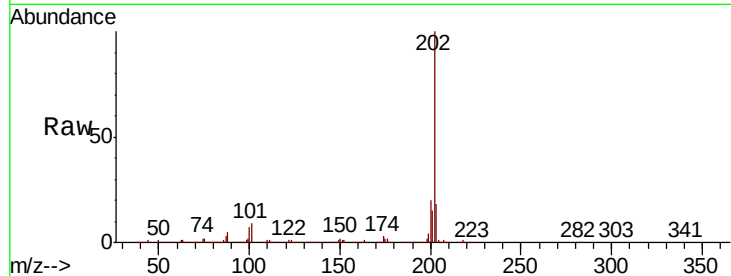
ClientSampleId :

C5AC8

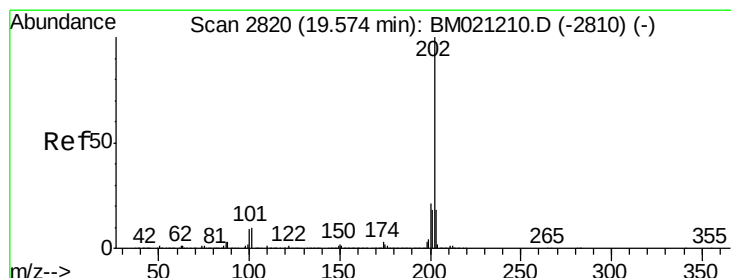
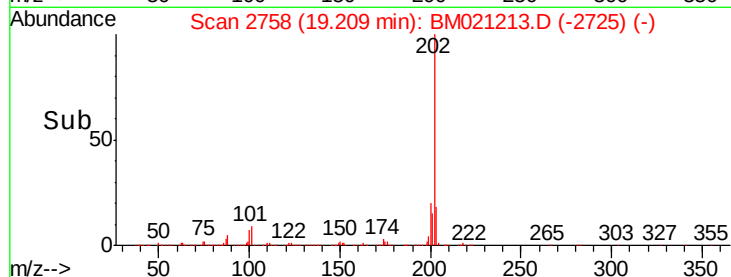
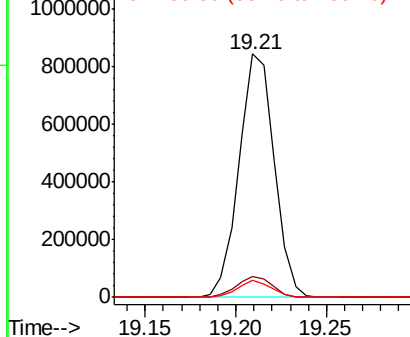
Tot Ion:	202	Resp:	1141752
Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
100	7.0	5.5	8.3

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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

Pyrene

Concen: 10.928 ng/ul

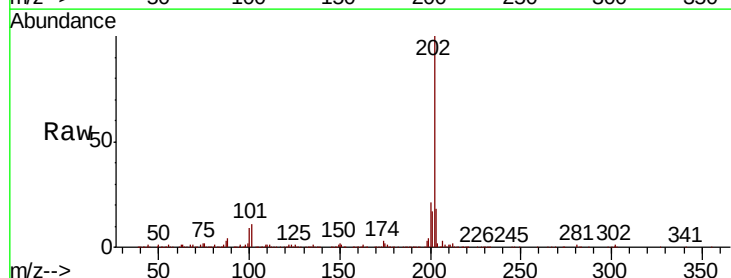
RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

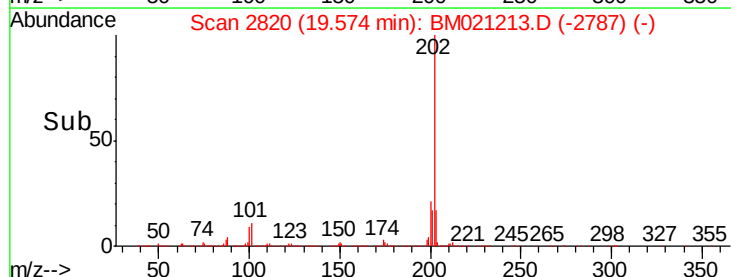
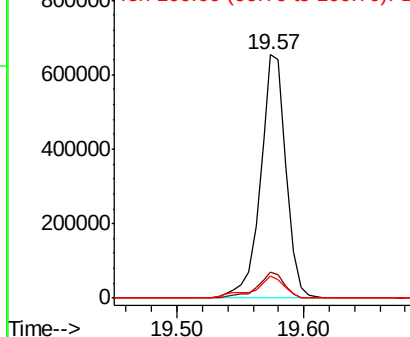
Lab File: BM021213.D

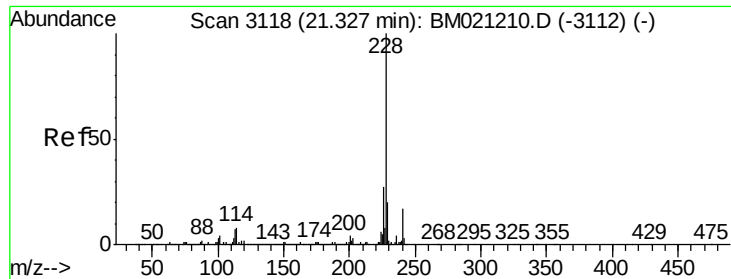
Acq: 27 Jun 2019 12:55

Tgt Ion:	202	Resp:	909009
Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.1	12.1
100	8.9	6.6	10.0



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





#82

Benzo(a)anthracene

Concen: 5.770 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021213.D

Acq: 27 Jun 2019 12:55

Instrument :

BNA_M

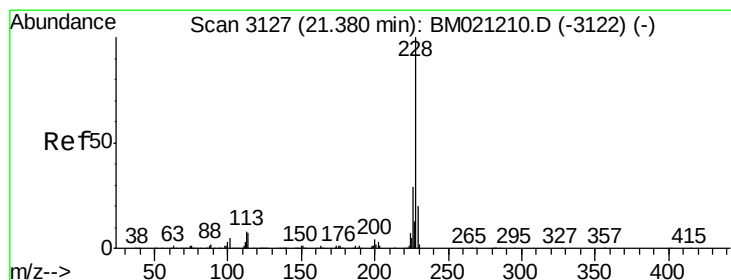
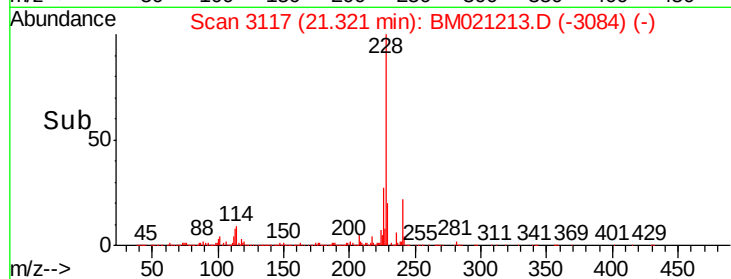
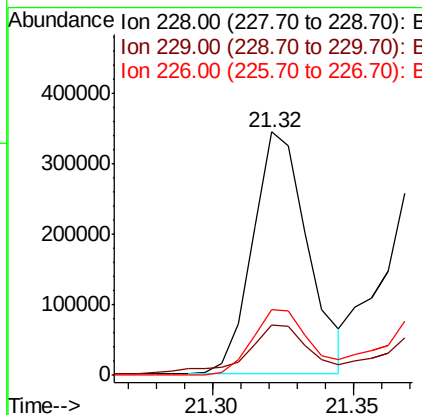
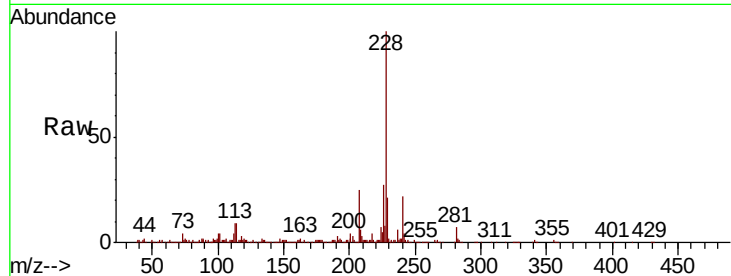
ClientSampleId :

C5AC8

Tot Ion:	228	Resp:	462858
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.8
226	27.1	21.4	32.2

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#84

Chrysene

Concen: 7.641 ng/ul

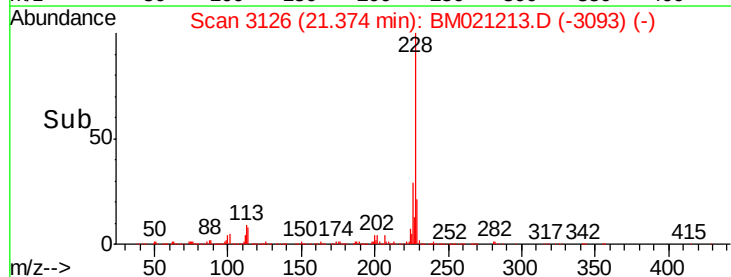
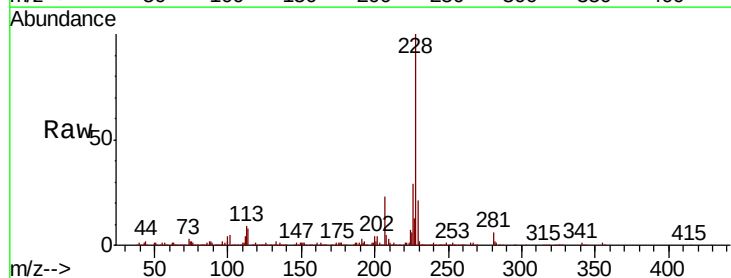
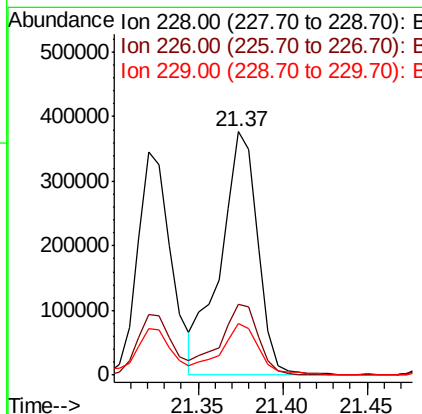
RT: 21.37 min Scan# 3126

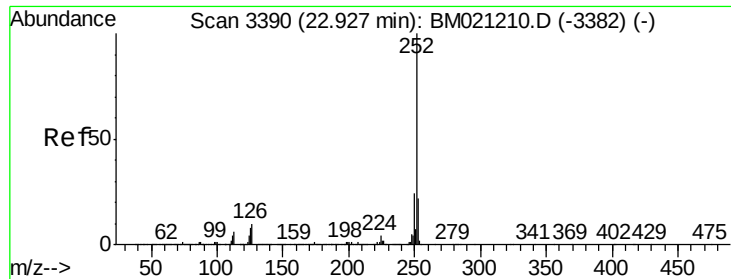
Delta R.T. -0.01 min

Lab File: BM021213.D

Acq: 27 Jun 2019 12:55

Tgt Ion:	228	Resp:	574014
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.9	35.9
229	21.0	15.4	23.2





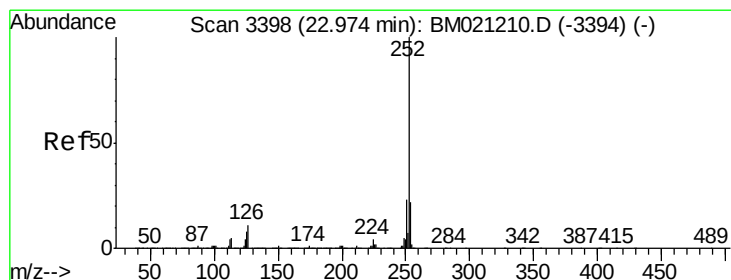
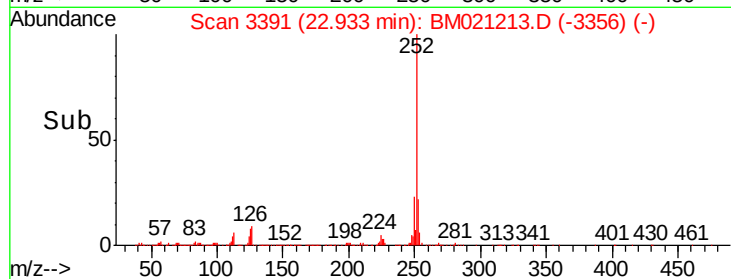
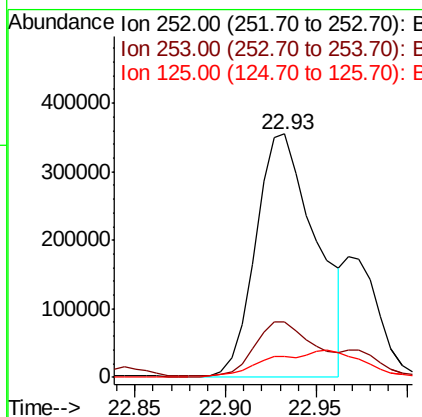
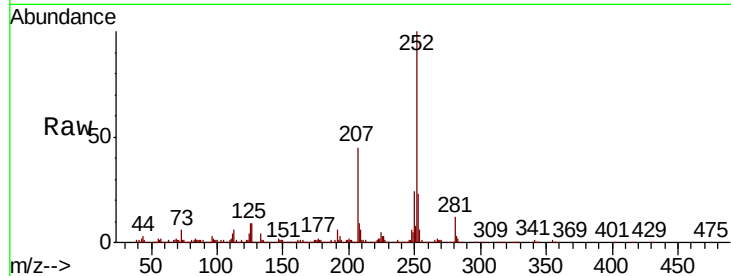
#87
Benzo(b)fluoranthene
Concen: 11.137 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Instrument :
BNA_M
ClientSampleId :
C5AC8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	8.6	6.3	9.5

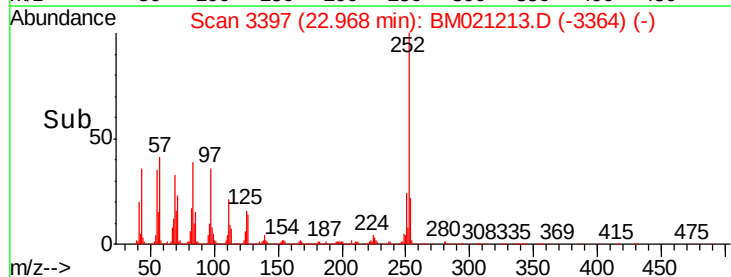
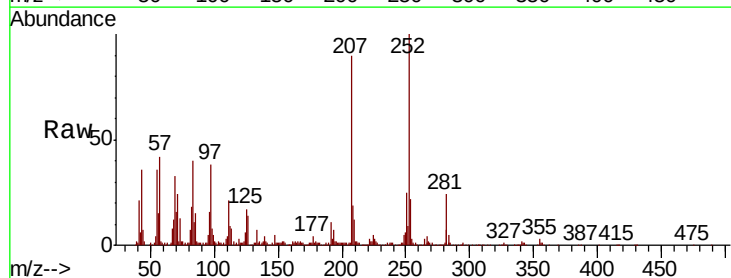
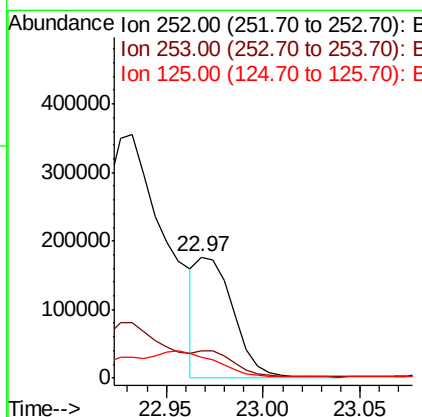
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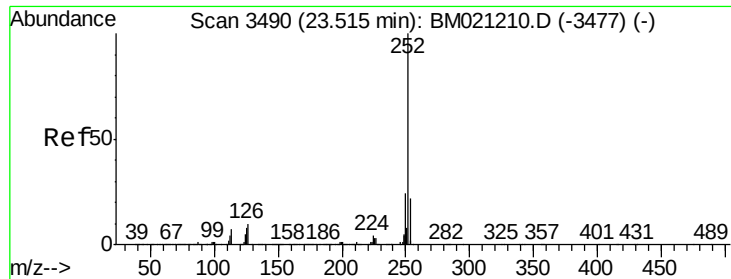
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#88
Benzo(k)fluoranthene
Concen: 3.302 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	17.2	6.6	9.8#





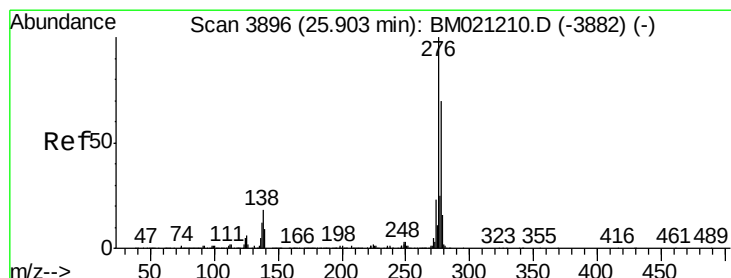
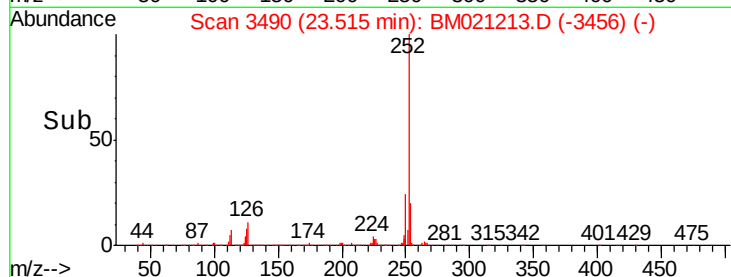
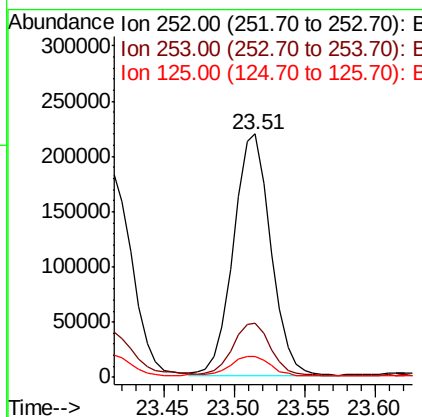
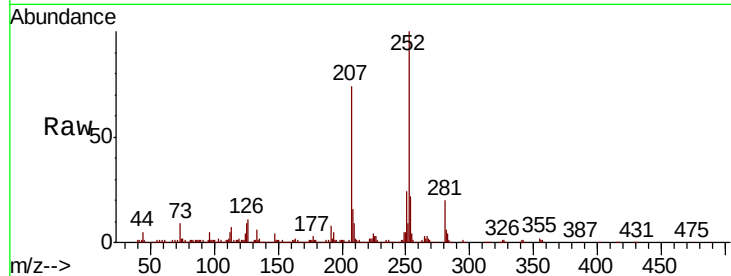
#90
Benzo(a)pyrene
Concen: 5.806 ng/ul
RT: 23.51 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Instrument :
BNA_M
ClientSampled :
C5AC8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.8	7.2	10.8

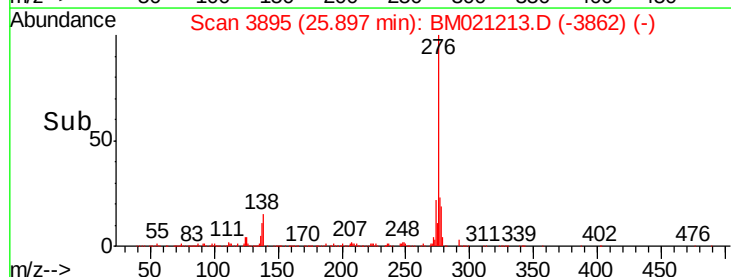
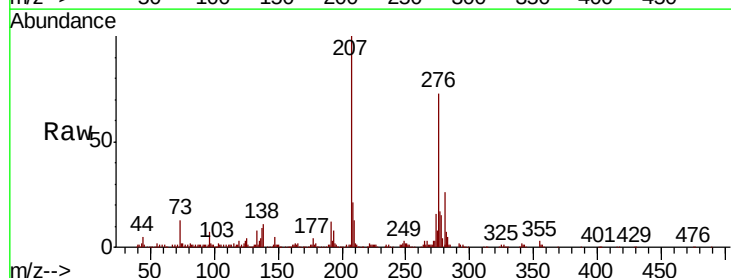
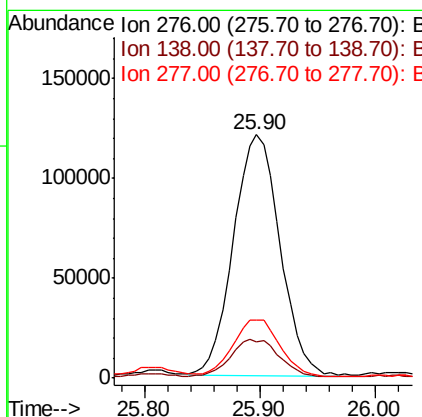
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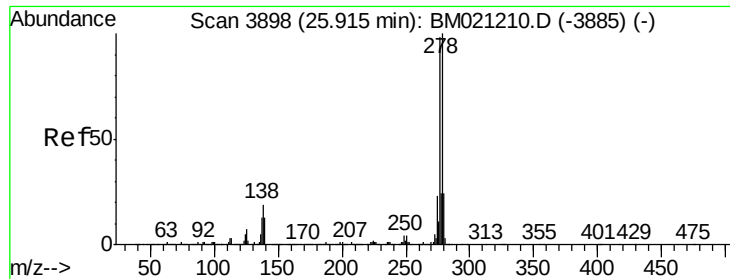
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#91
Indeno(1,2,3-cd)pyrene
Concen: 4.156 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	15.9	23.9#
277	23.7	20.4	30.6





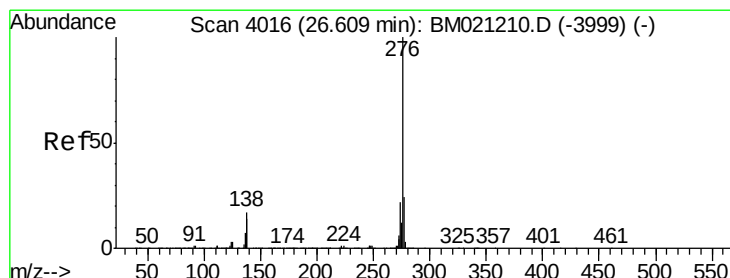
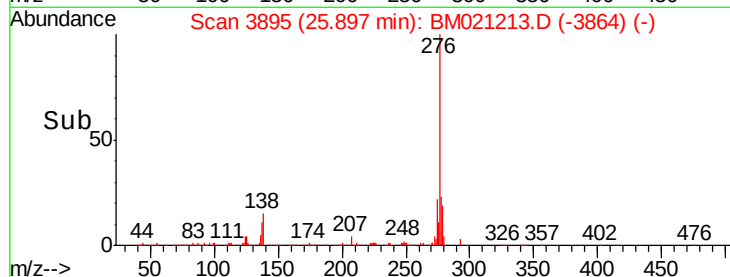
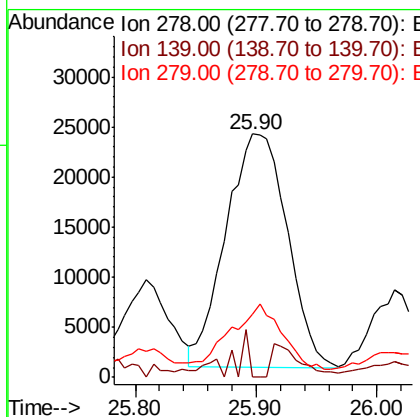
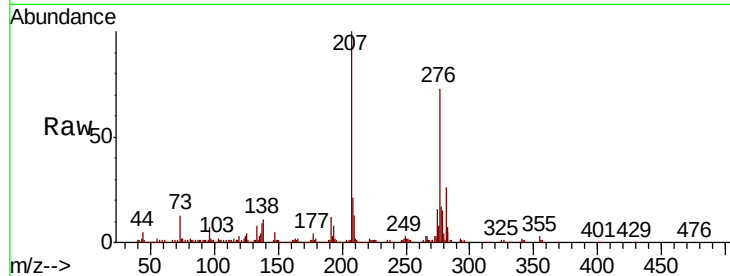
#92
Dibenzo(a,h)anthracene
Concen: 1.194 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Instrument :
BNA_M
ClientSampleId :
C5AC8

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.6	15.8#
279	25.9	19.0	28.4

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#93
Benzo(g,h,i)perylene
Concen: 3.847 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM021213.D
Acq: 27 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.6	21.8
277	24.2	18.9	28.3

