

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021214.D
 Acq On : 27 Jun 2019 13:31
 Operator : HP/JU
 Sample : K3502-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AC9

Manual Integrations
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mohammad
 6/28/2019 2:23:15 PM

Quant Time: Jun 27 14:54:51 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	226148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1026911	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	661150	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1516335	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1113053	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1161236	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	19850	4.17	ng/uL	0.00
5) Phenol-d5	6.93	99	407576	20.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	256844	21.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	353875	22.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	305135	18.57	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	190390	22.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	223664	24.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	423746	22.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	483538	24.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1510178	25.28	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1736066	23.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	140545	14.46	ng/ul	0.00
57) Fluorene-d10	15.40	176	1293052	24.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	156317	16.77	ng/ul	0.00
70) Anthracene-d10	17.25	188	1901998	24.14	ng/ul	0.00
78) Pyrene-d10	19.54	212	1835744	27.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1621163	23.66	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.86	163	584601	10.750	ng/ul 99
69) Phenanthrene	17.19	178	161374	1.924	ng/ul 98
76) Fluoranthene	19.21	202	501398	5.533	ng/ul 99
79) Pyrene	19.57	202	412091	5.237	ng/ul 98
82) Benzo(a)anthracene	21.32	228	190081	2.505	ng/ul 99
84) Chrysene	21.37	228	237509	3.342	ng/ul 98
87) Benzo(b)fluoranthene	22.93	252	340924	4.635	ng/ul 98
88) Benzo(k)fluoranthene	22.97	252	107578m	1.520	ng/ul
90) Benzo(a)pyrene	23.51	252	188272	2.719	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.89	276	152533	1.871	ng/ul 96
93) Benzo(g,h,i)perylene	26.60	276	125131	1.864	ng/ul 96

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

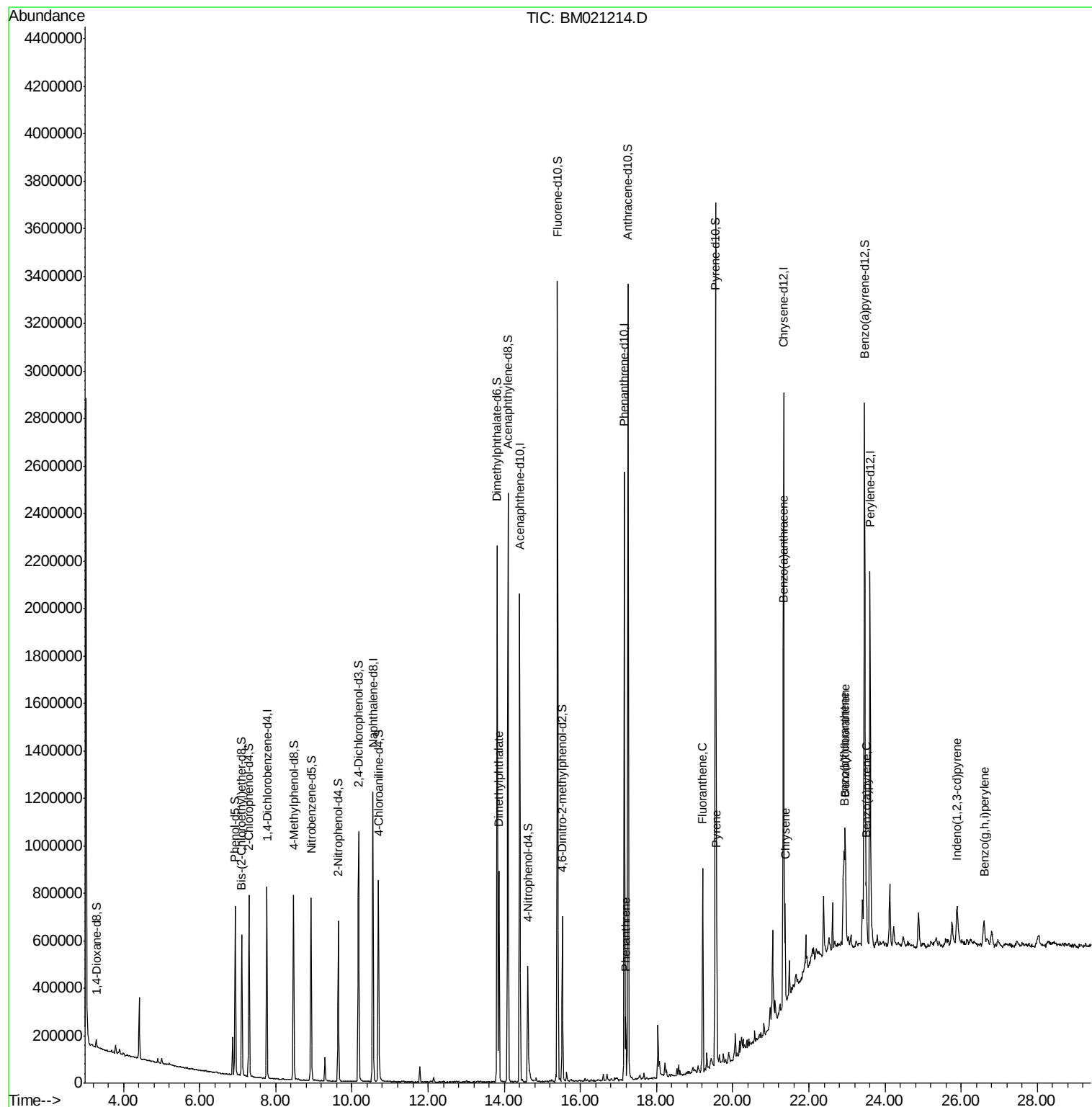
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021214.D
Acq On : 27 Jun 2019 13:31
Operator : HP/JU
Sample : K3502-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

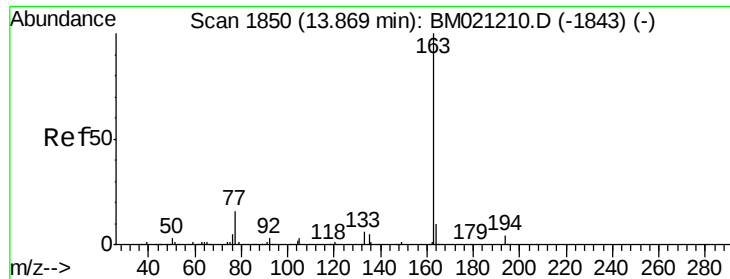
Instrument :
BNA_M
ClientSampleId :
C5AC9

Quant Time: Jun 27 14:54:51 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
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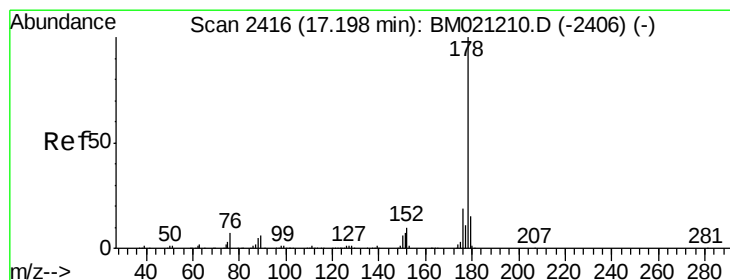
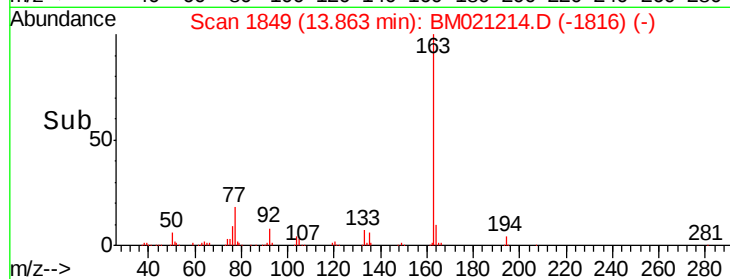
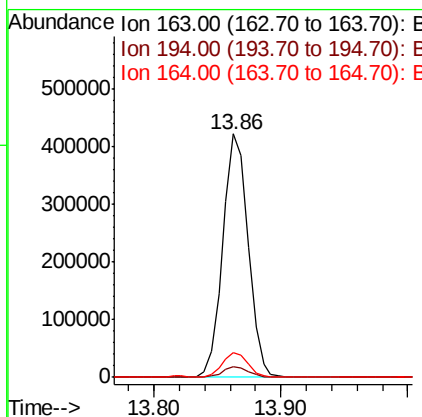
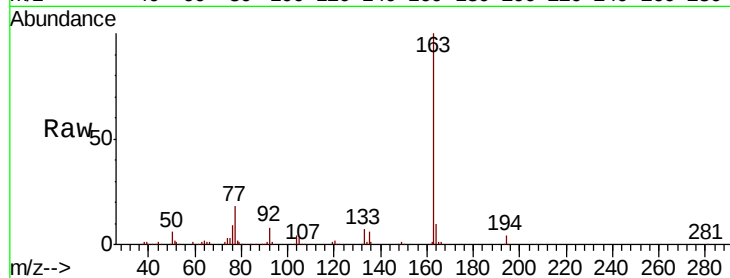
#44
Dimethylphthalate
Concen: 10.750 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021214.D
Acq: 27 Jun 2019 13:31

Instrument :
BNA_M
ClientSampled :
C5AC9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	7.7	11.5

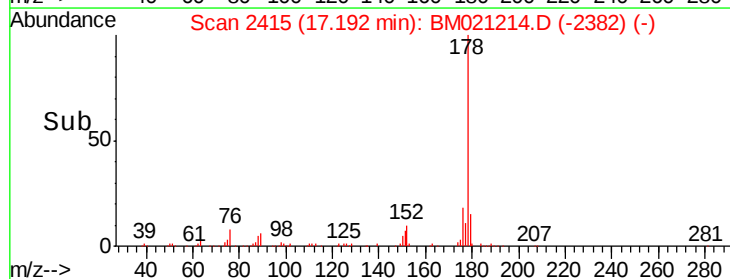
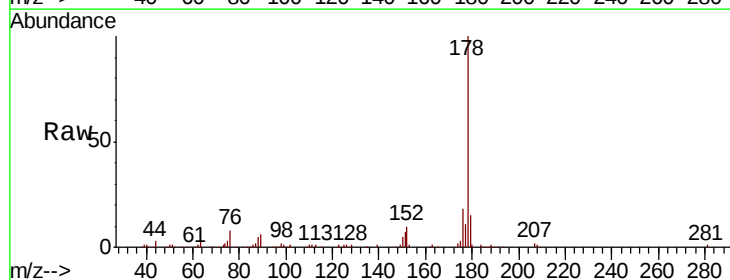
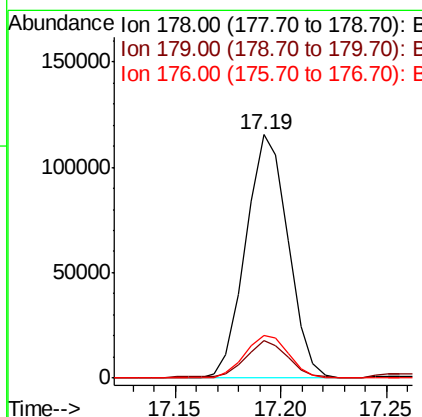
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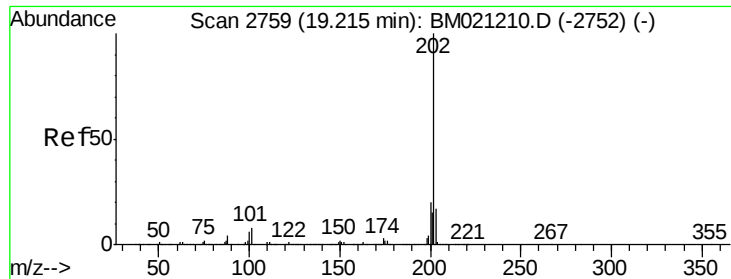
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#69
Phenanthrene
Concen: 1.924 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021214.D
Acq: 27 Jun 2019 13:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	17.6	15.0	22.6





#76

Fluoranthene

Concen: 5.533 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021214.D

Acq: 27 Jun 2019 13:31

Instrument :

BNA_M

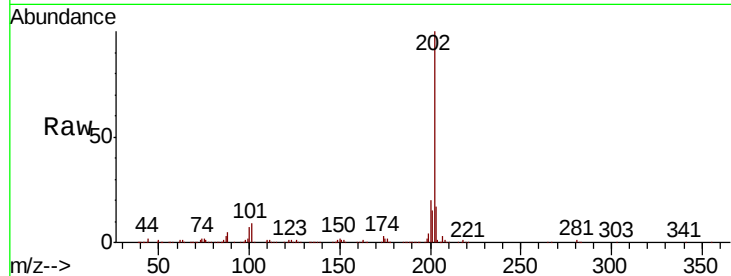
ClientSampleId :

C5AC9

Tot Ion:	202	Resp:	501398
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.7	10.1
100	6.8	5.5	8.3

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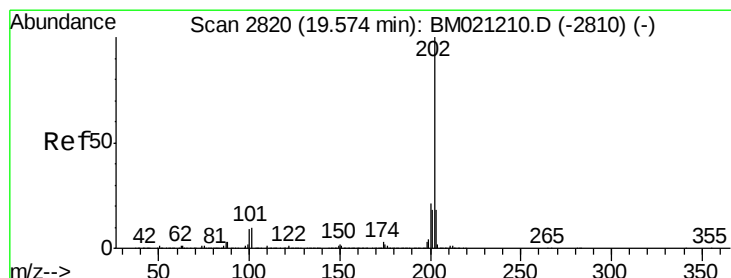
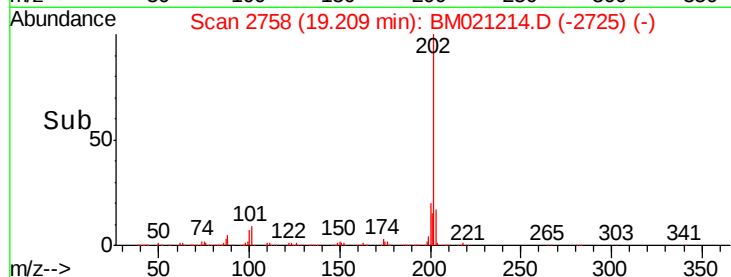
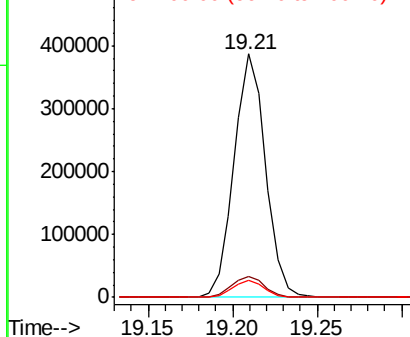


Abundance

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: 5.237 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021214.D

Acq: 27 Jun 2019 13:31

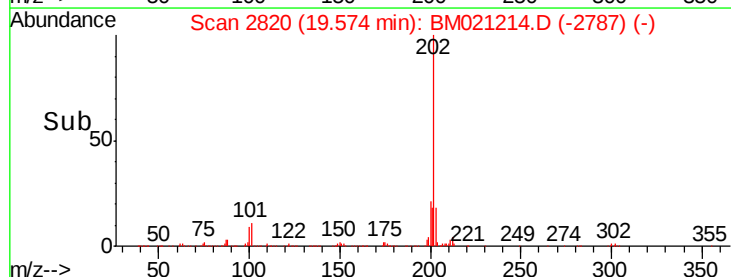
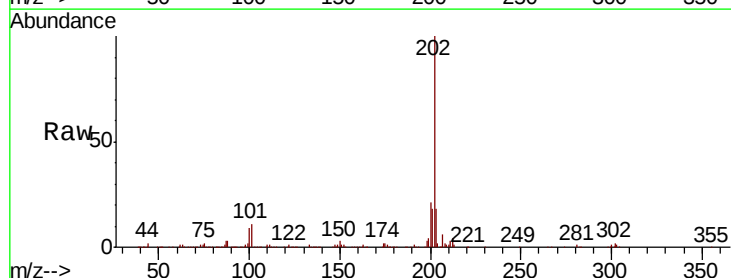
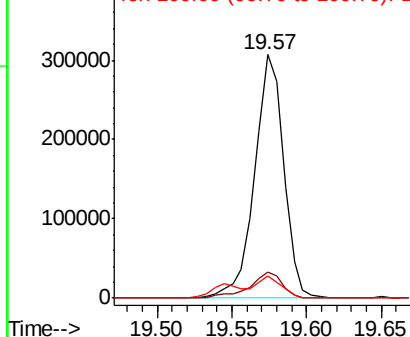
Tgt Ion:	202	Resp:	412091
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.1	12.1
100	8.9	6.6	10.0

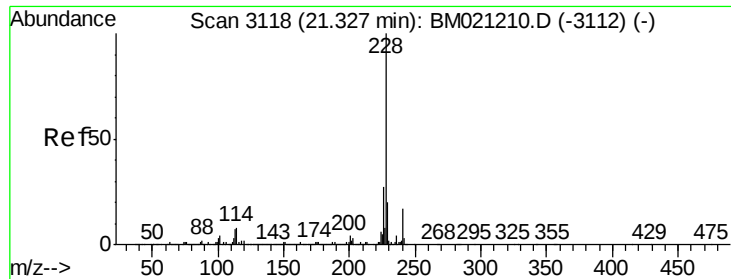
Abundance

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





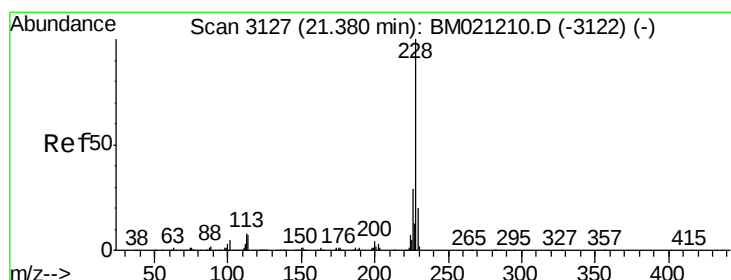
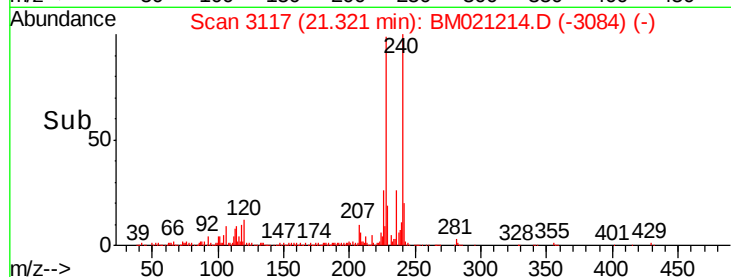
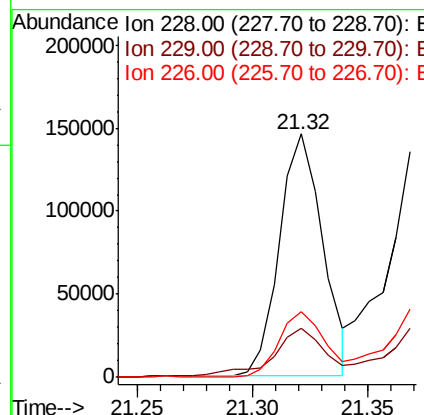
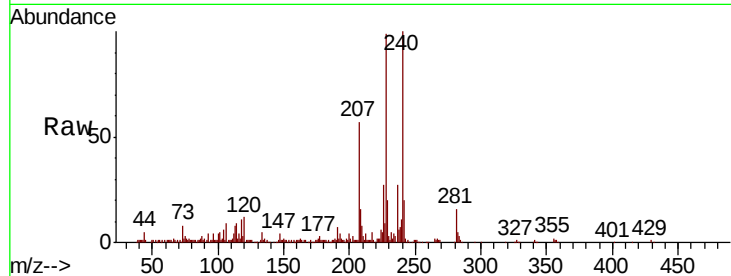
#82
Benzo(a)anthracene
Concen: 2.505 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021214.D
Acq: 27 Jun 2019 13:31

Instrument :
BNA_M
ClientSampleId :
C5AC9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.0	21.4	32.2

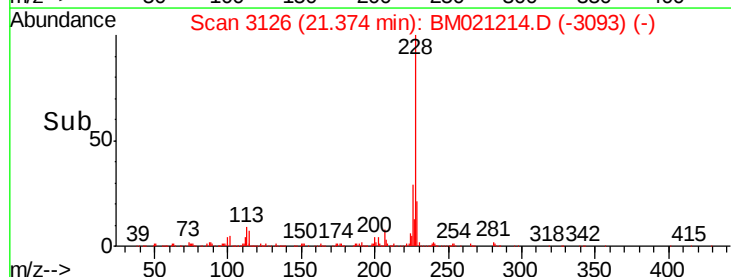
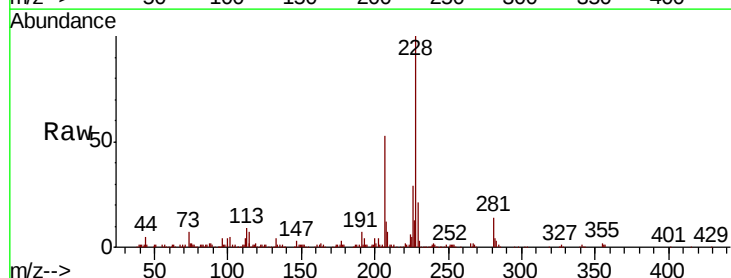
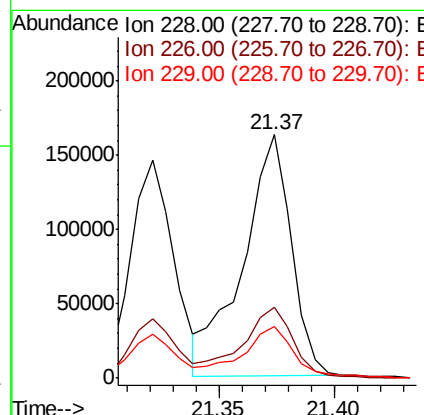
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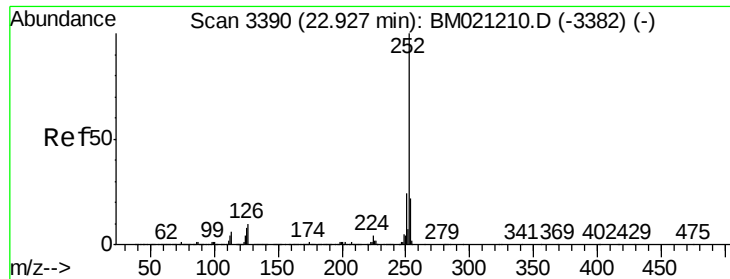
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#84
Chrysene
Concen: 3.342 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021214.D
Acq: 27 Jun 2019 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	21.0	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 4.635 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM021214.D

Acq: 27 Jun 2019 13:31

Instrument :

BNA_M

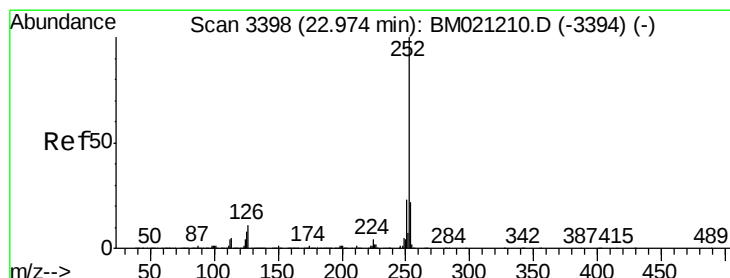
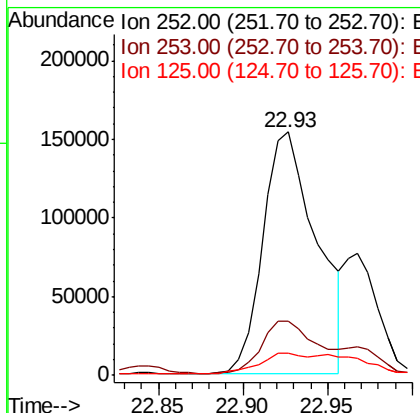
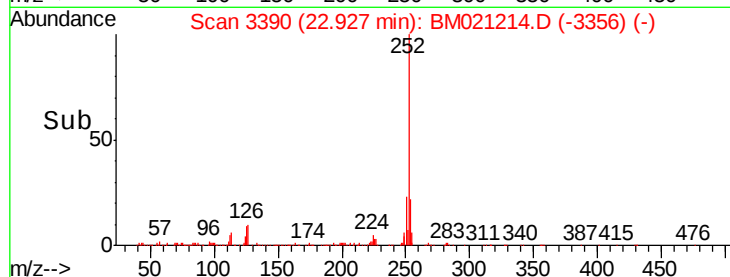
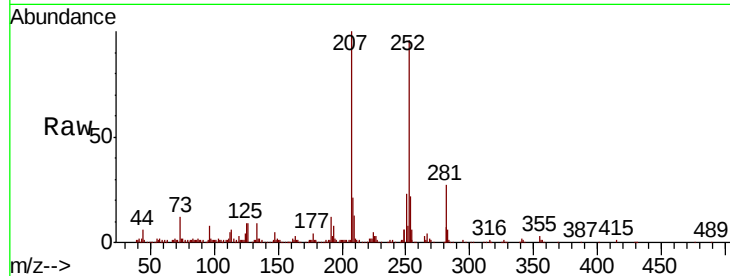
ClientSampleId :

C5AC9

Tot Ion:	252	Resp:	340924
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	9.2	6.3	9.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.520 ng/ul m

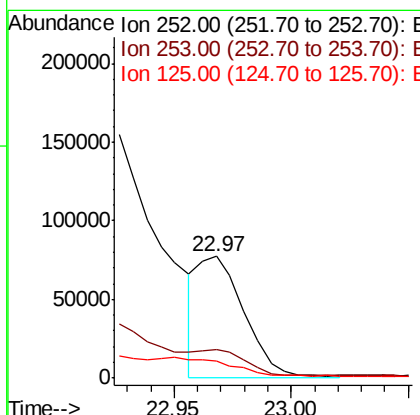
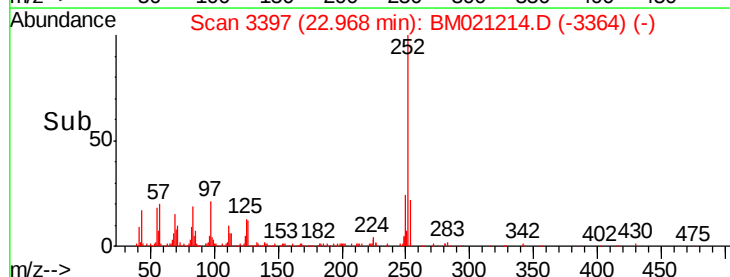
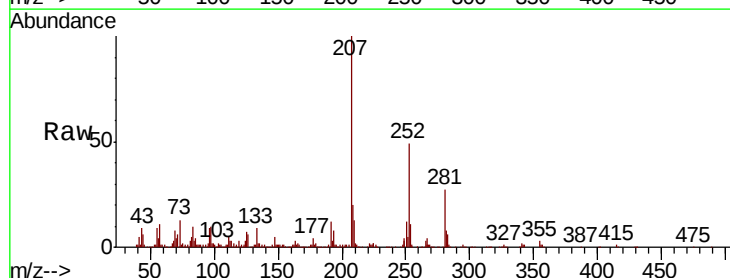
RT: 22.97 min Scan# 3397

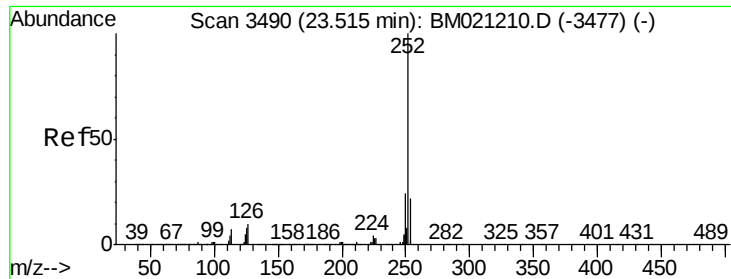
Delta R.T. -0.01 min

Lab File: BM021214.D

Acq: 27 Jun 2019 13:31

Tgt Ion:	252	Resp:	107578
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	14.4	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 2.719 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021214.D

Acq: 27 Jun 2019 13:31

Instrument :

BNA_M

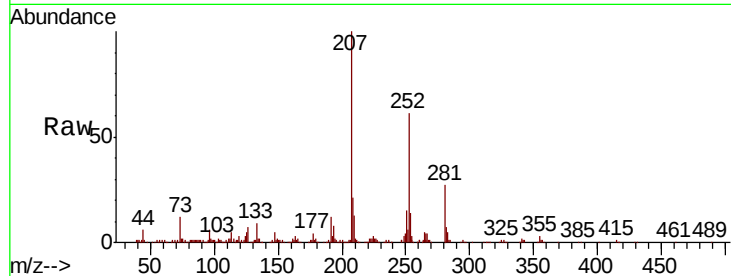
ClientSampleId :

C5AC9

Tot Ion:	252	Resp:	188272
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	8.7	7.2	10.8

Manual Integrations
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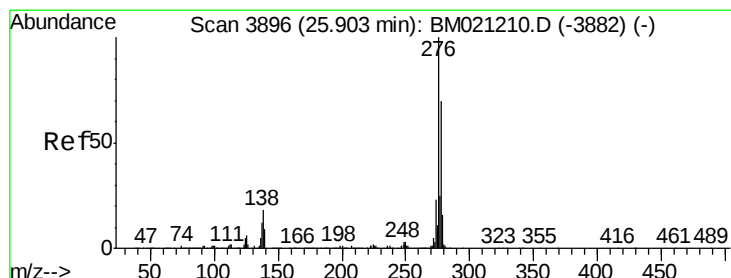
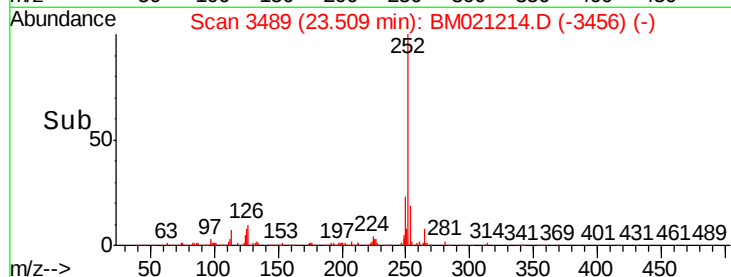
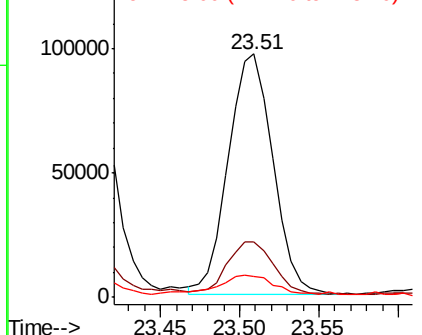


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.871 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM021214.D

Acq: 27 Jun 2019 13:31

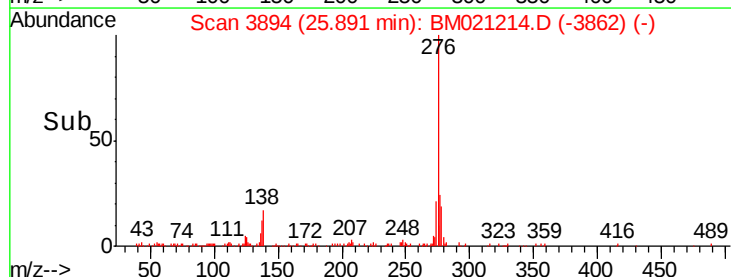
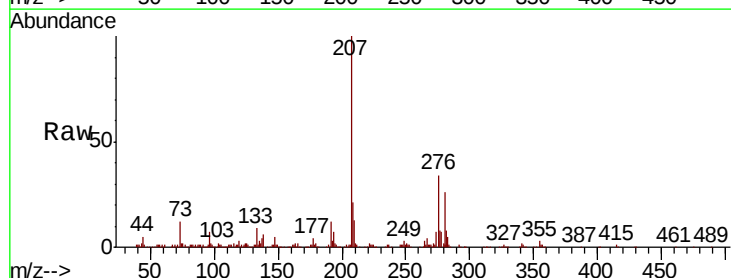
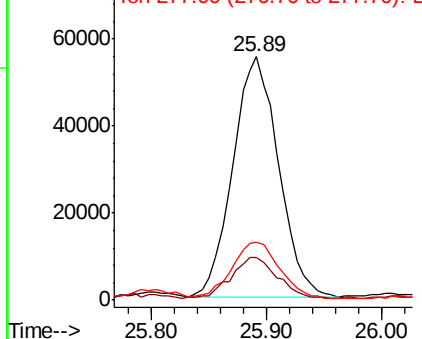
Tgt Ion:	276	Resp:	152533
Ion Ratio	Lower	Upper	
276	100		
138	17.3	15.9	23.9
277	23.8	20.4	30.6

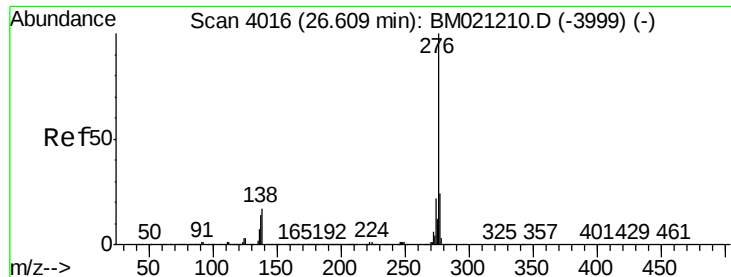
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.864 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM021214.D

Acq: 27 Jun 2019 13:31

Instrument :

BNA_M

ClientSampleId :

C5AC9

Tot Ion:	276	Resp:	125131
Ion Ratio	Lower	Upper	
276	100		
138	15.7	14.6	21.8
277	24.5	18.9	28.3

Manual Integrations
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