

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
 Data File : BM021192.D
 Acq On : 26 Jun 2019 15:15
 Operator : HP/JU
 Sample : K3501-13
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C7AA8

Manual Integrations
 APPROVED

mohammad
 6/27/2019 8:17:50 AM

Quant Time: Jun 26 16:12:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	228996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1052219	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	706999	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1674275	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1201374	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1191672	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	17726	3.68	ng/uL	0.00
5) Phenol-d5	6.93	99	414648	20.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	257381	21.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	347471	21.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	332836	20.00	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	196207	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	232789	24.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	461493	23.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	468271	23.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1707338	26.73	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1896446	24.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	181405	17.46	ng/ul	0.00
57) Fluorene-d10	15.40	176	1459884	26.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	188100	18.28	ng/ul	0.00
70) Anthracene-d10	17.25	188	2308189	26.53	ng/ul	0.00
78) Pyrene-d10	19.55	212	2240230	31.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1778579	25.30	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.96	94	32280	1.712	ng/ul 97
44) Dimethylphthalate	13.87	163	730736	12.566	ng/ul 99
69) Phenanthrene	17.20	178	292106	3.155	ng/ul 99
76) Fluoranthene	19.22	202	763344	7.630	ng/ul 99
79) Pyrene	19.58	202	599147	7.054	ng/ul 99
82) Benzo(a)anthracene	21.33	228	291853	3.563	ng/ul 99
84) Chrysene	21.38	228	311684	4.063	ng/ul 98
87) Benzo(b)fluoranthene	22.93	252	387408	5.132	ng/ul# 97
88) Benzo(k)fluoranthene	22.97	252	131776m	1.815	ng/ul
90) Benzo(a)pyrene	23.52	252	229383	3.228	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.90	276	166914	1.995	ng/ul# 93
93) Benzo(g,h,i)perylene	26.60	276	127728	1.854	ng/ul 97

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

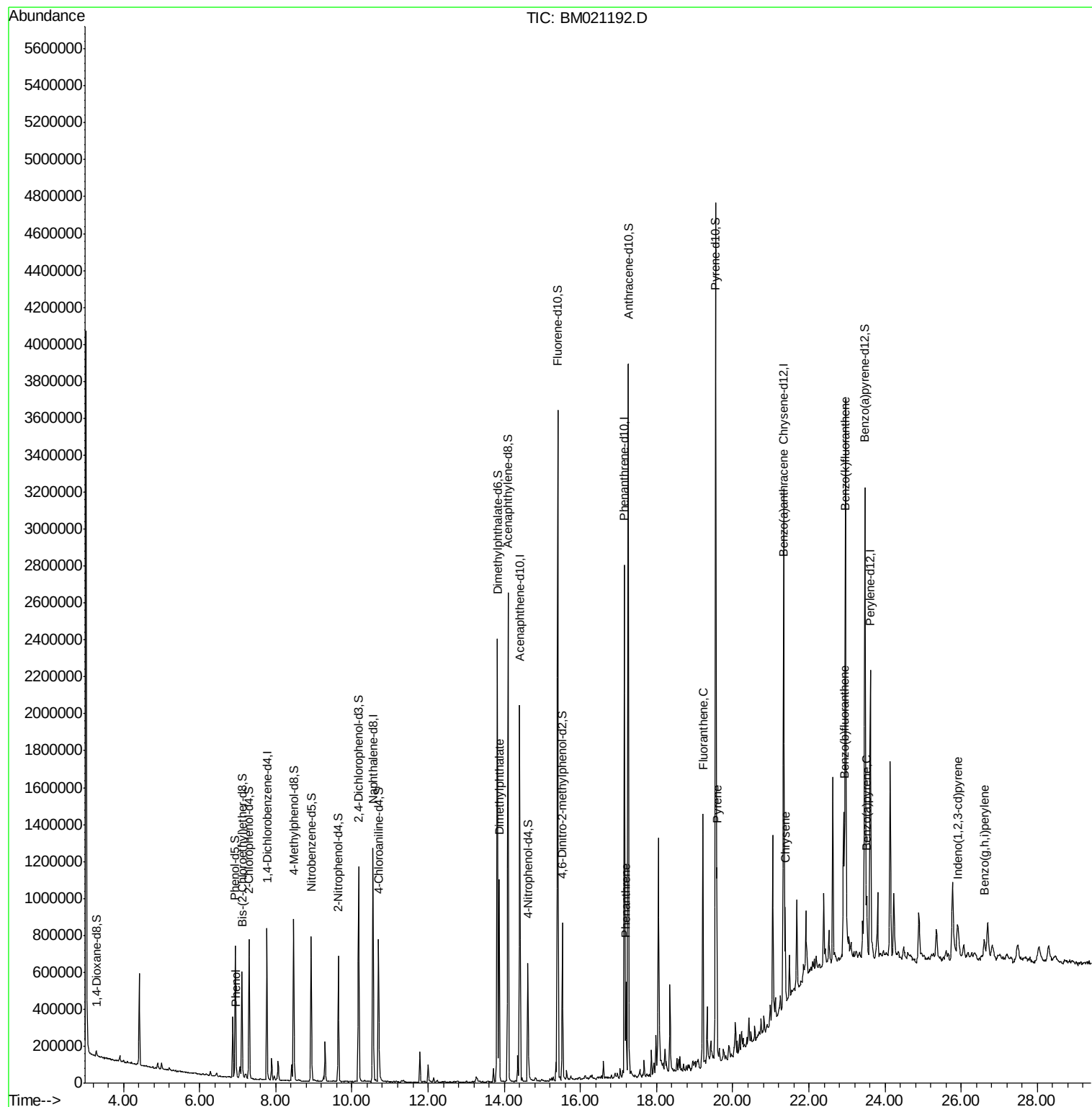
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021192.D
Acq On : 26 Jun 2019 15:15
Operator : HP/JU
Sample : K3501-13
Misc :
ALS Vial : 41 Sample Multiplier: 1

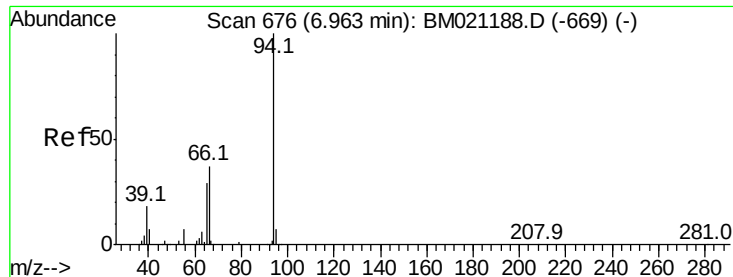
Instrument :
BNA_M
ClientSampleId :
C7AA8

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Quant Time: Jun 26 16:12:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration





#6

Phenol

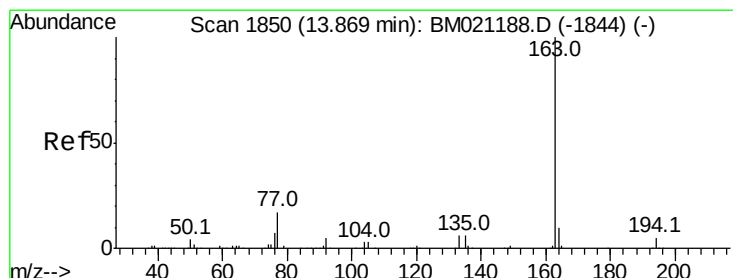
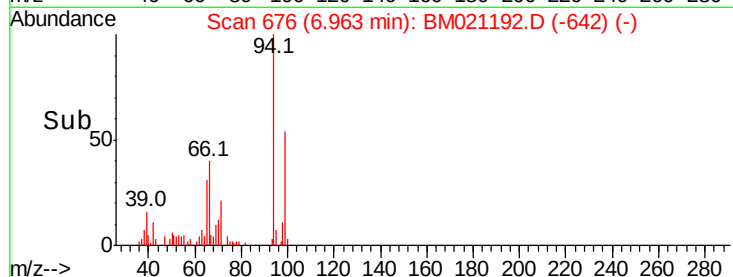
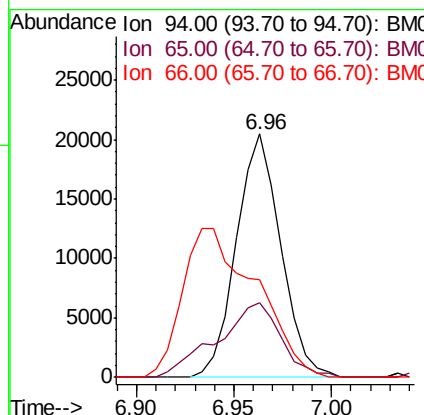
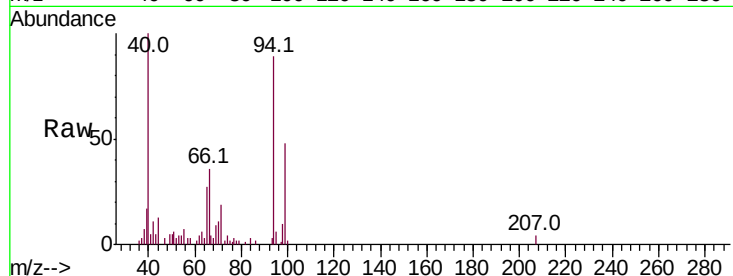
Concen: 1.712 ng/ul
 RT: 6.96 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BM021192.D
 Acq: 26 Jun 2019 15:15

Instrument :
 BNA_M
 ClientSampled :
 C7AA8

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.8	22.6	34.0
66	40.3	31.2	46.8

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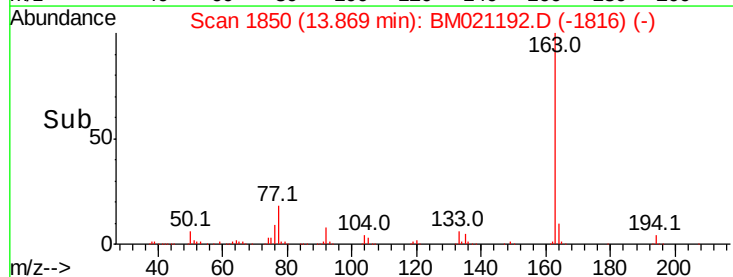
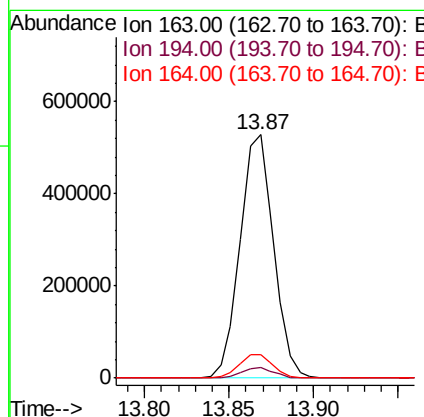
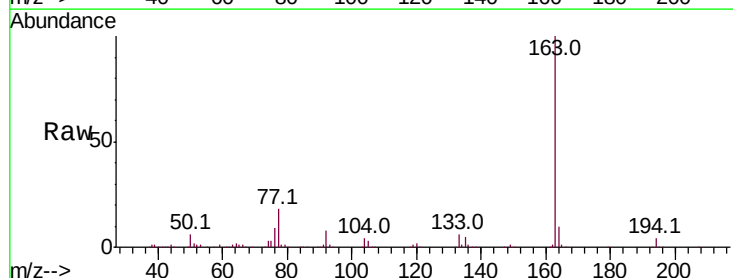


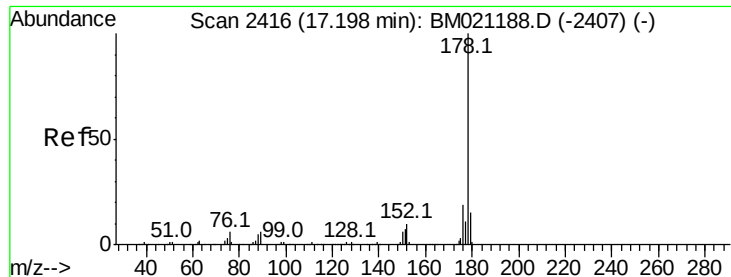
#44

Dimethylphthalate

Concen: 12.566 ng/ul
 RT: 13.87 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BM021192.D
 Acq: 26 Jun 2019 15:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	7.7	11.5





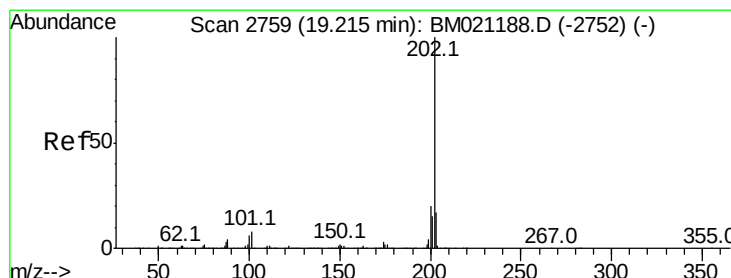
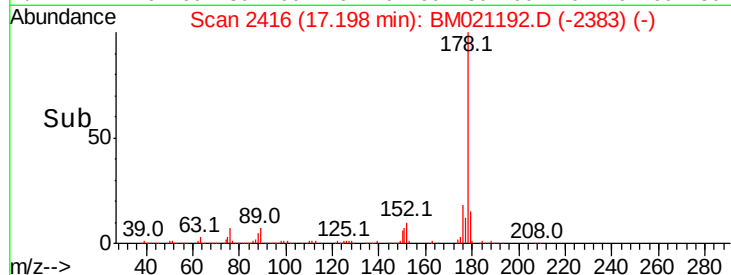
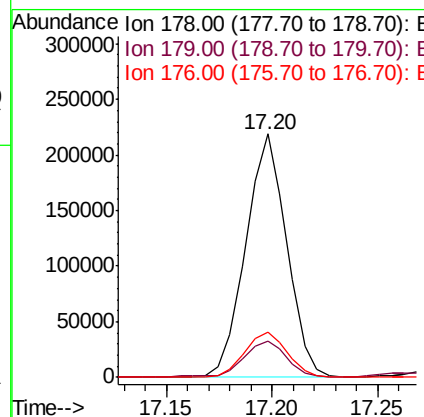
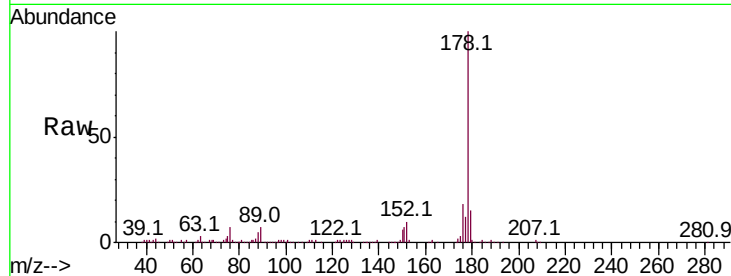
#69
Phenanthrene
Concen: 3.155 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Instrument :
BNA_M
ClientSampled :
C7AA8

Tot Ion:178	Resp:	292106
Ion Ratio	Lower	Upper
178	100	
179	15.1	11.8 17.8
176	18.4	15.0 22.6

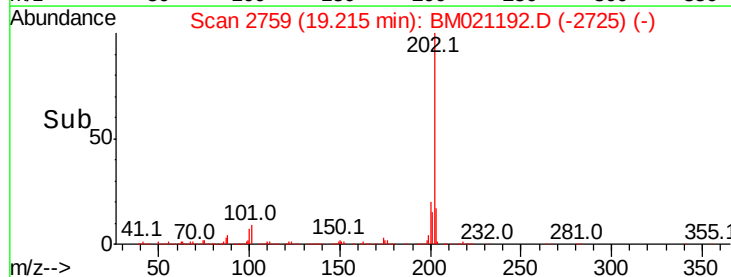
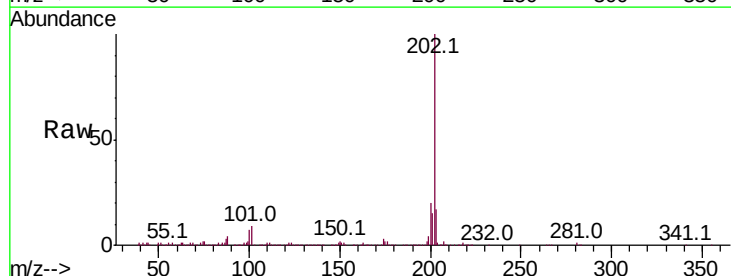
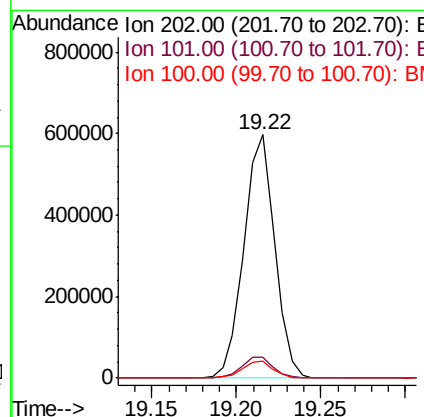
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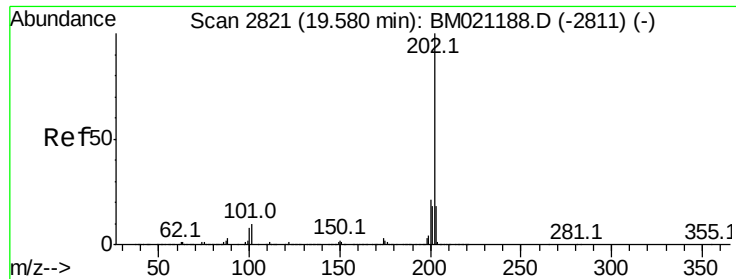
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#76
Fluoranthene
Concen: 7.630 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Tgt Ion:202	Resp:	763344
Ion Ratio	Lower	Upper
202	100	
101	8.8	6.7 10.1
100	6.7	5.5 8.3





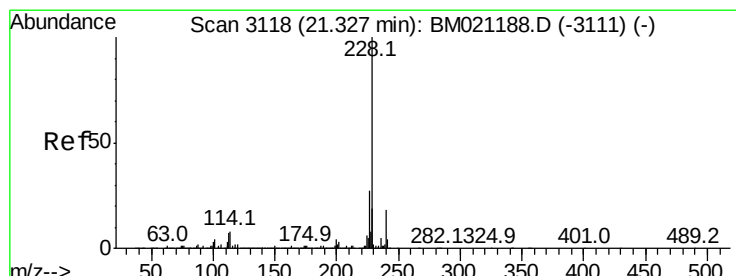
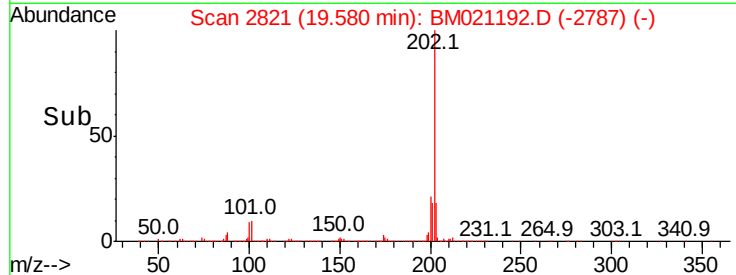
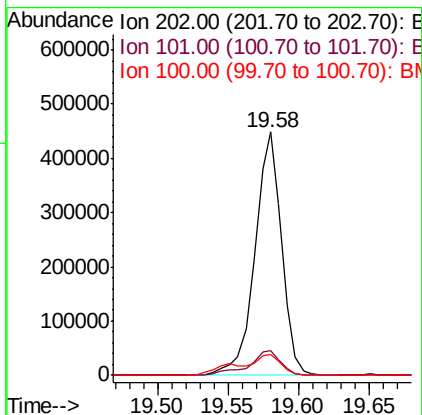
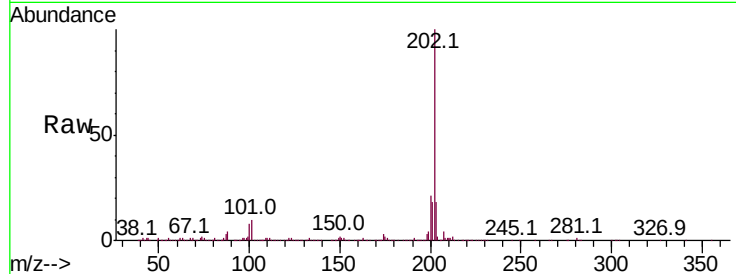
#79
 Pvrene
 Concen: 7.054 ng/ul
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM021192.D
 Acq: 26 Jun 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 C7AA8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	8.1	12.1
100	8.5	6.6	10.0

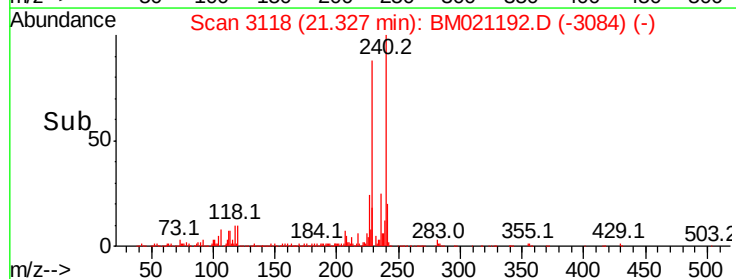
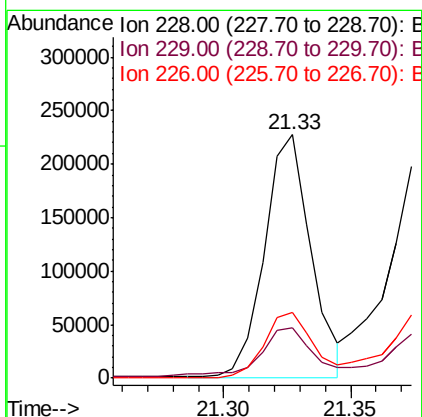
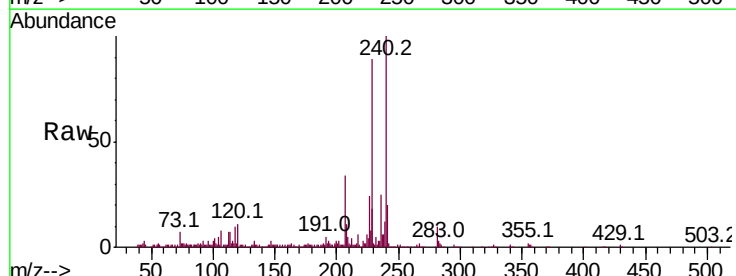
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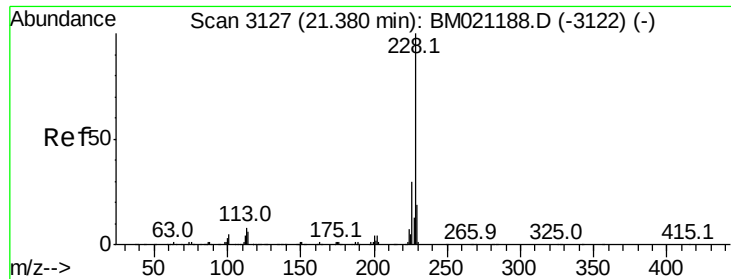
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#82
 Benzo(a)anthracene
 Concen: 3.563 ng/ul
 RT: 21.33 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BM021192.D
 Acq: 26 Jun 2019 15:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.1	21.4	32.2





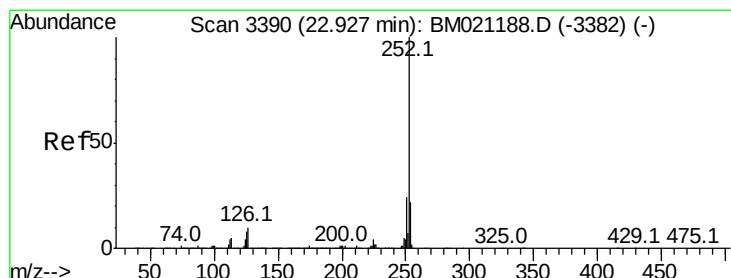
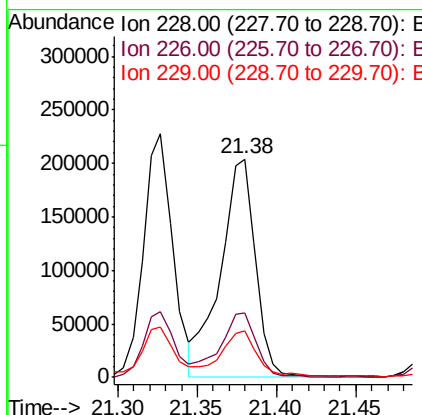
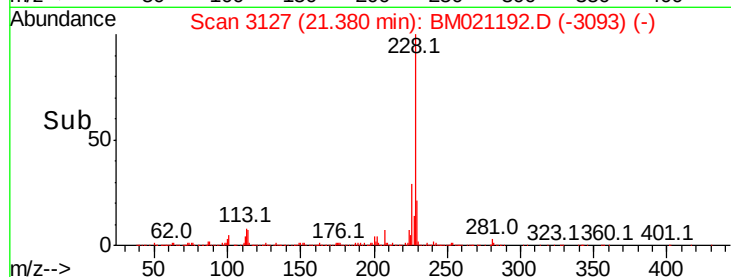
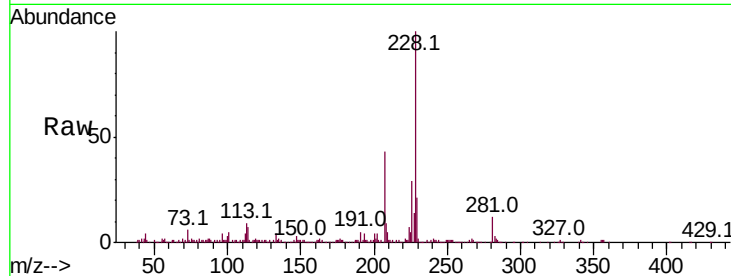
#84
Chrysene
Concen: 4.063 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Instrument :
BNA_M
ClientSampleId :
C7AA8

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	21.3	15.4	23.2

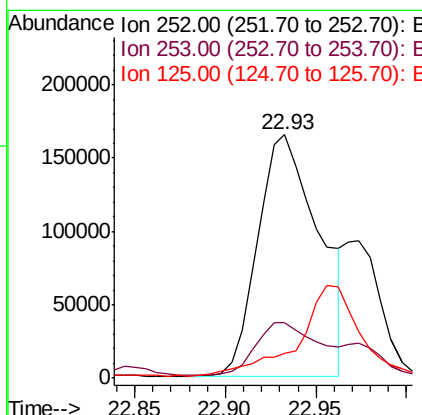
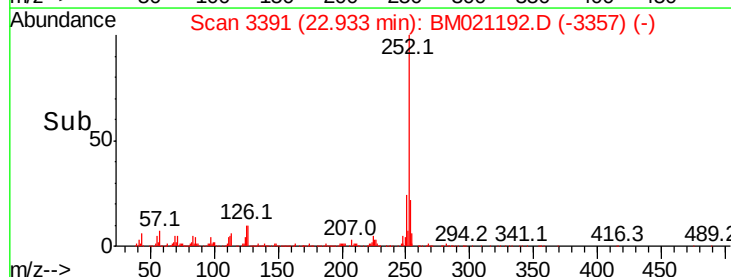
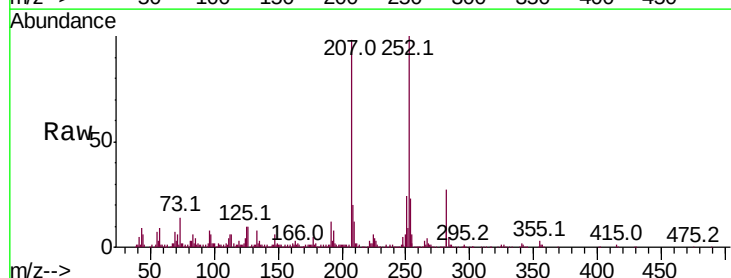
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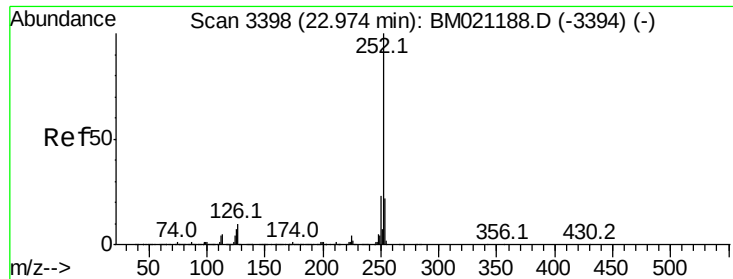
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#87
Benzo(b)fluoranthene
Concen: 5.132 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.3	6.3	9.5





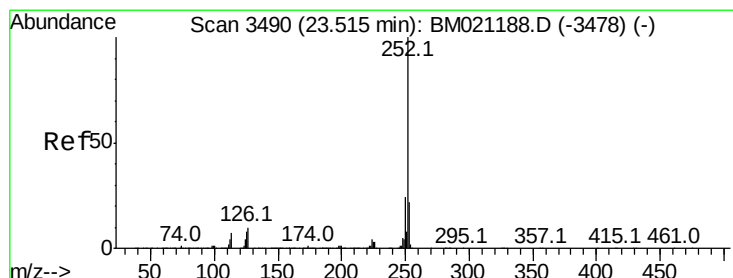
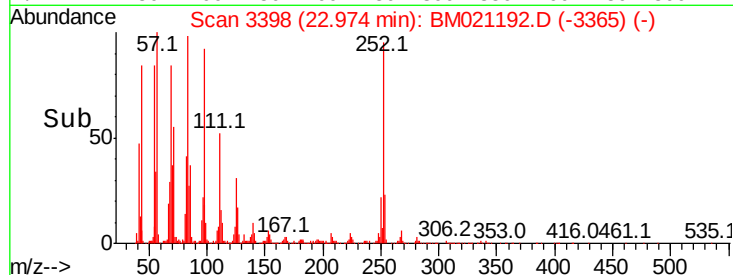
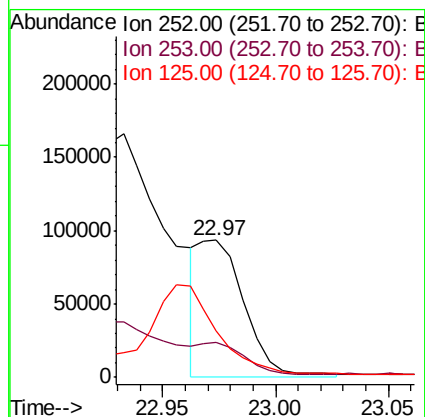
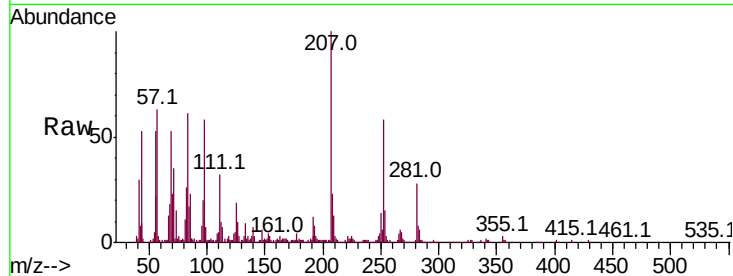
#88
Benzo(k)fluoranthene
Concen: 1.815 ng/ul m
RT: 22.97 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Instrument :
BNA_M
ClientSampled :
C7AA8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.5	26.3
125	33.7	6.6	9.8#

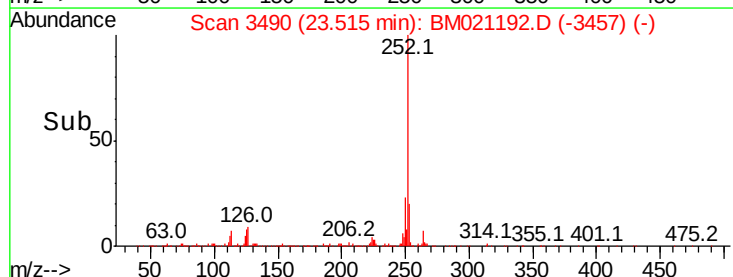
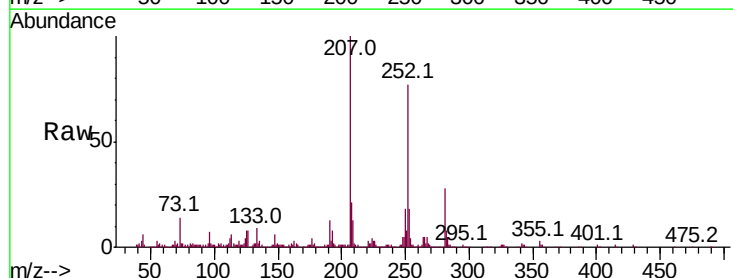
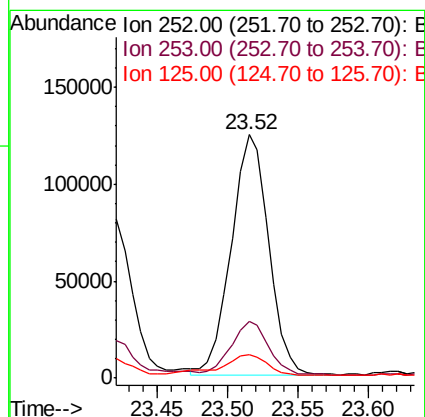
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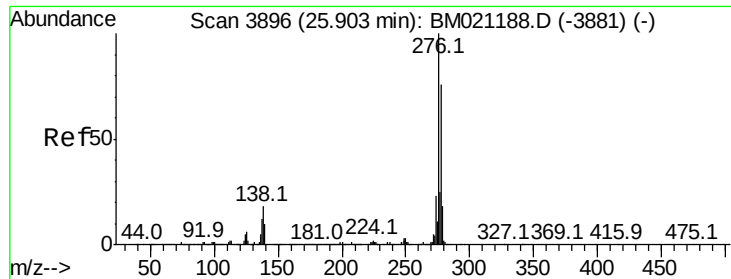
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#90
Benzo(a)pyrene
Concen: 3.228 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.8	7.2	10.8





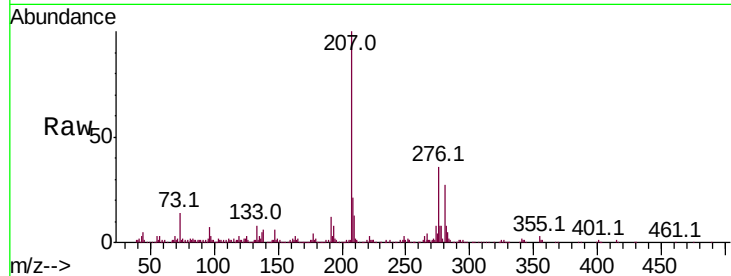
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.995 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Instrument :
BNA_M
ClientSampleId :
C7AA8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	15.9	23.9#
277	22.9	20.4	30.6

Manual Integrations
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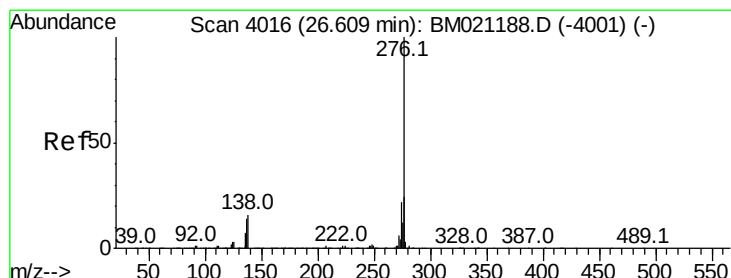
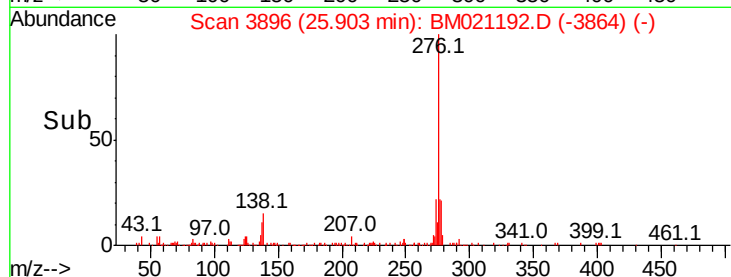
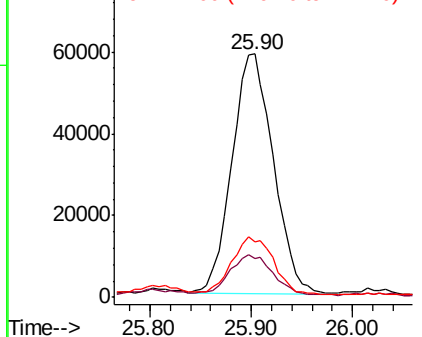


Abundance

Ion 276.00 (275.70 to 276.70): E

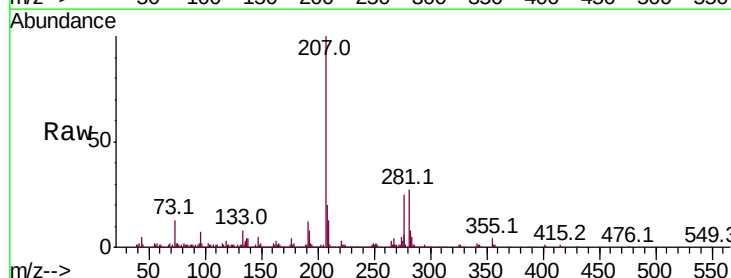
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93
Benzo(g,h,i)perylene
Concen: 1.854 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.02 min
Lab File: BM021192.D
Acq: 26 Jun 2019 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	14.6	21.8
277	24.8	18.9	28.3



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

