

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023178.D
 Acq On : 15 Oct 2019 22:09
 Operator : JU
 Sample : K5202-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

Manual Integrations
 APPROVED

mohammad
 10/17/2019 7:58:04 AM

Quant Time: Oct 16 08:17:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	388770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1676827	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1093659	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2338664	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	2434309	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2336041	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	27333	3.09	ng/uL	0.00
5) Phenol-d5	6.86	99	527933	15.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	324011	16.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	421631	16.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	409660	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	195269	17.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	187677	17.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	436887	15.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	505646	15.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1492707	17.81	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1736070	17.66	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	122638	9.04	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1303547	18.26	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	79025	8.52	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2057536	18.25	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2564576	21.75	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2418708	20.43	ng/ul	-0.02

Target Compounds

					Ovalue
45) Dimethylphthalate	13.79	163	561359	6.692	ng/ul 100
70) Phenanthrene	17.11	178	280234	2.135	ng/ul 99
77) Fluoranthene	19.13	202	870642	5.578	ng/ul 98
80) Pyrene	19.49	202	725439	4.757	ng/ul 98
83) Benzo(a)anthracene	21.24	228	410707	2.490	ng/ul 98
85) Chrysene	21.29	228	422364	2.758	ng/ul 97
88) Benzo(b)fluoranthene	22.81	252	536918	3.791	ng/ul# 97
89) Benzo(k)fluoranthene	22.85	252	185996m	1.368	ng/ul
91) Benzo(a)pyrene	23.37	252	338989	2.495	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.69	276	201768	1.248	ng/ul 95
94) Benzo(g,h,i)perylene	26.36	276	179879	1.351	ng/ul 97

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

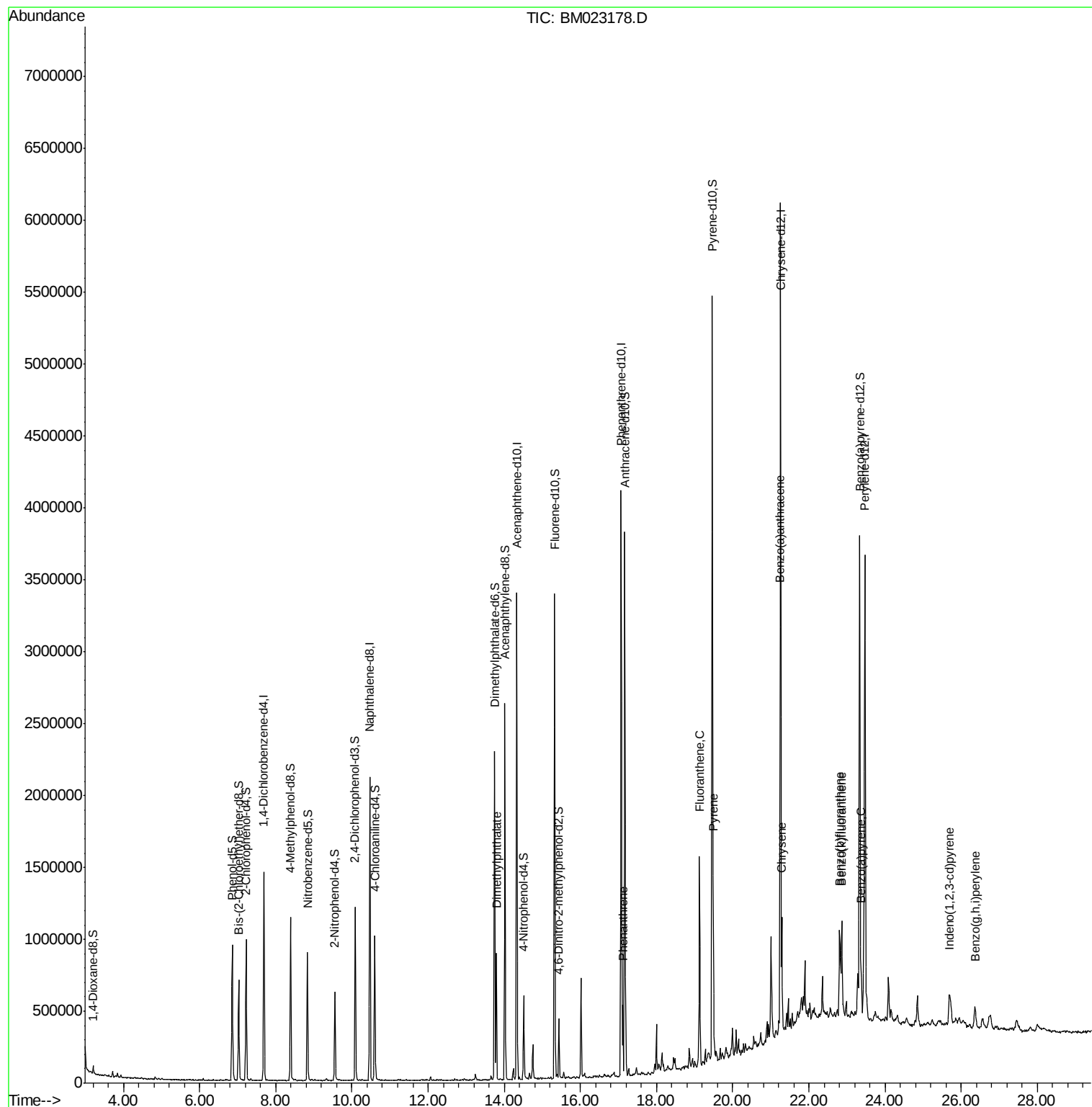
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023178.D
Acq On : 15 Oct 2019 22:09
Operator : JU
Sample : K5202-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

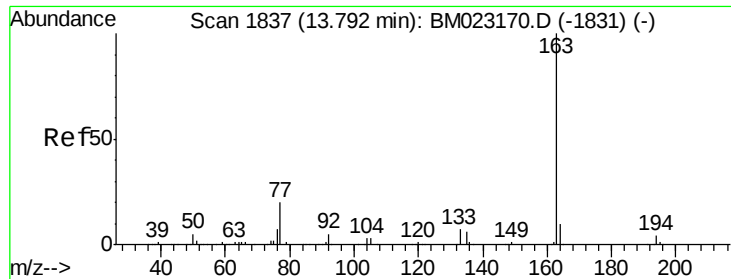
Instrument :
BNA_M
ClientSampleId :
C0AB1

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Quant Title : SVOA CALIBRATION
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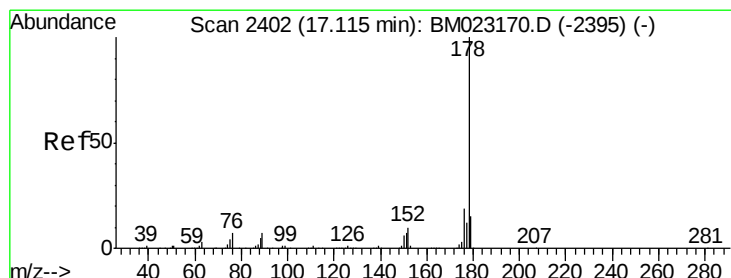
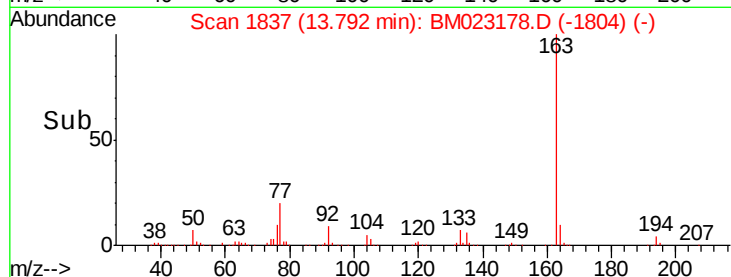
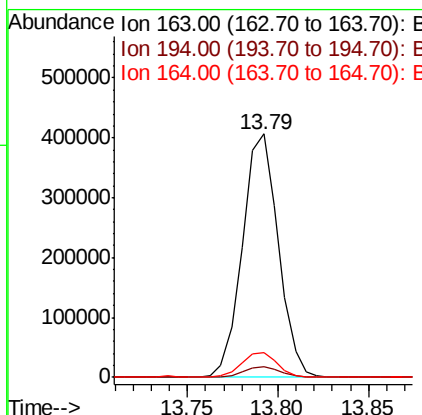
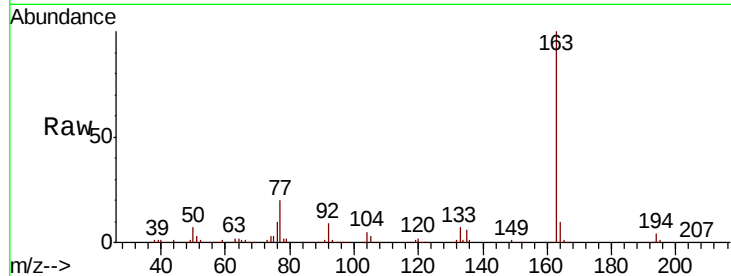
#45
Dimethylphthalate
Concen: 6.692 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

Instrument :
BNA_M
ClientSampled :
C0AB1

Tot Ion:	163	Resp:	561359
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	9.9	8.0	12.0

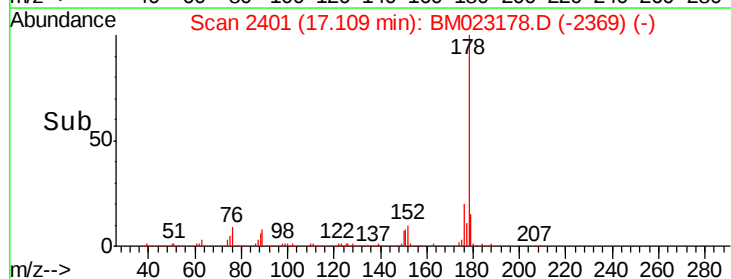
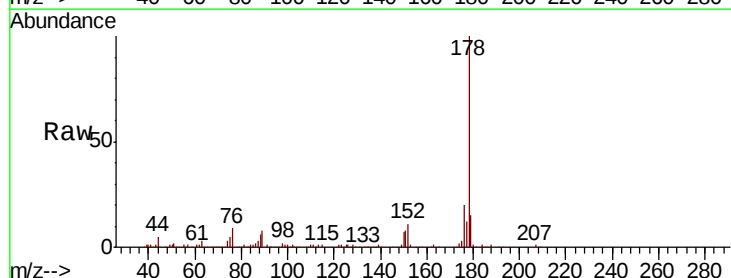
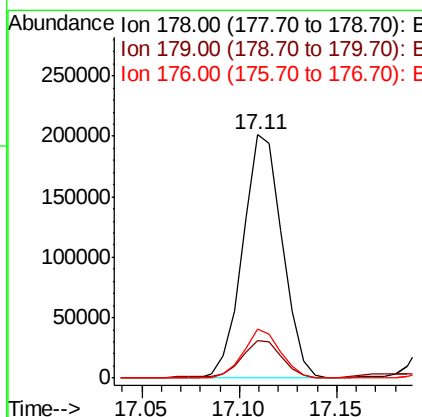
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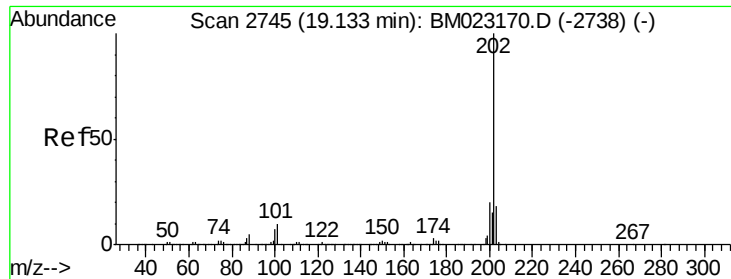
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#70
Phenanthrene
Concen: 2.135 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

Tgt Ion:	178	Resp:	280234
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.9	15.5	23.3





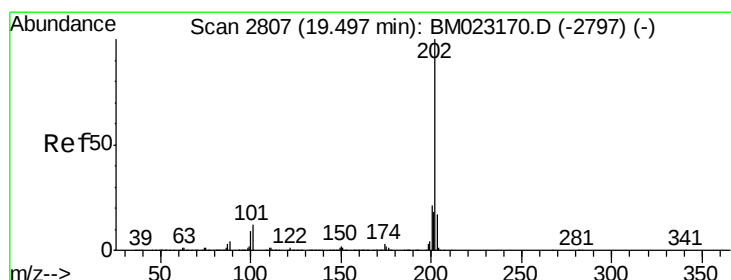
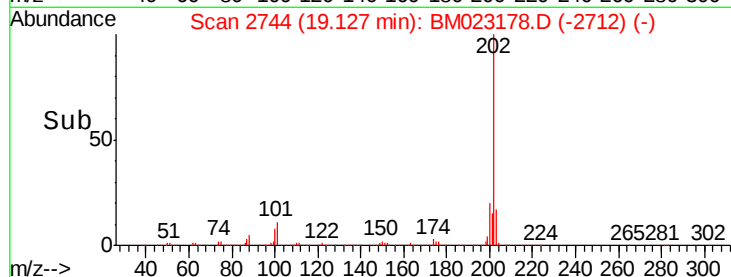
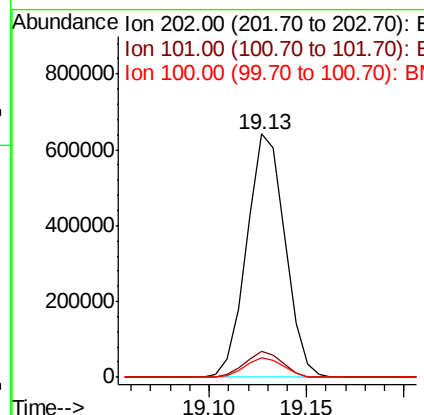
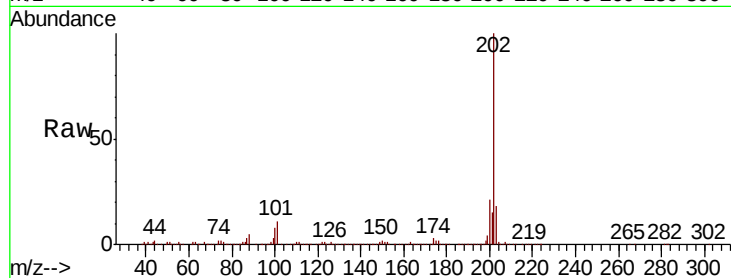
#77
Fluoranthene
 Concen: 5.578 ng/ul
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BM023178.D
 Acq: 15 Oct 2019 22:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

Tot Ion:	202	Resp:	870642
Ion Ratio	Lower	Upper	
202	100		
101	10.7	7.8	11.8
100	8.0	6.1	9.1

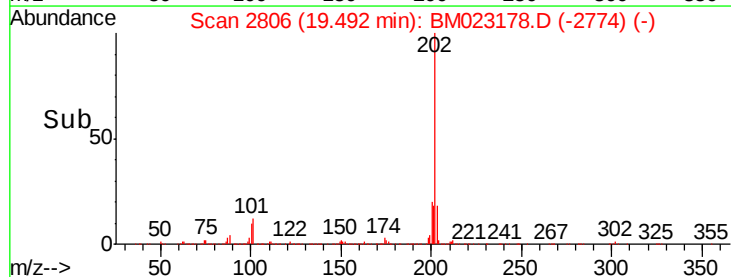
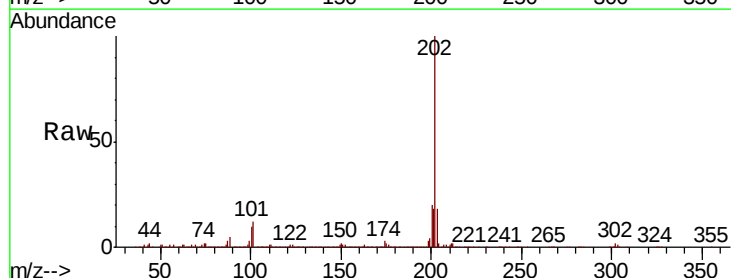
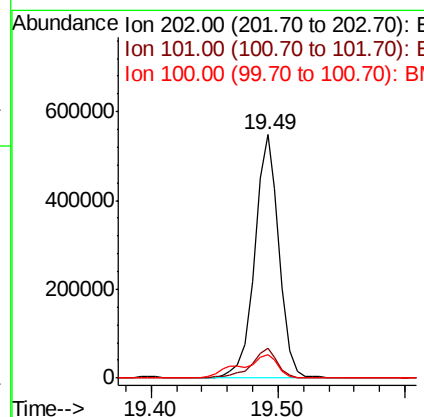
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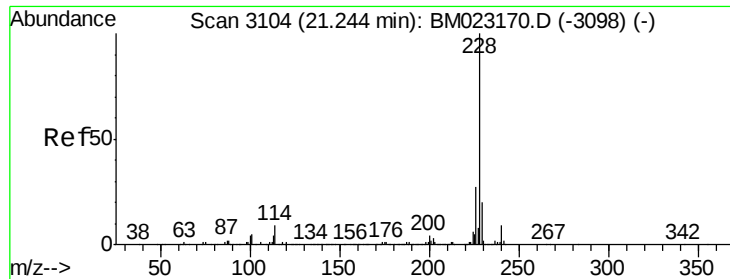
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#80
Pyrene
 Concen: 4.757 ng/ul
 RT: 19.49 min Scan# 2806
 Delta R.T. -0.01 min
 Lab File: BM023178.D
 Acq: 15 Oct 2019 22:09

Tgt Ion:	202	Resp:	725439
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.1	13.7
100	9.9	7.5	11.3





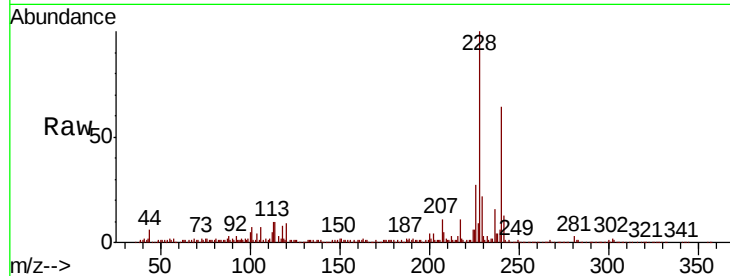
#83
Benzo(a)anthracene
Concen: 2.490 ng/u1
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	27.2	21.6	32.4

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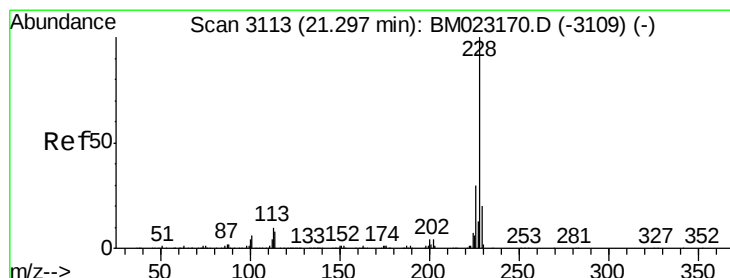
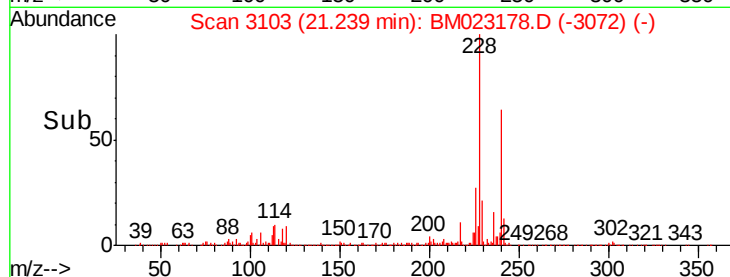
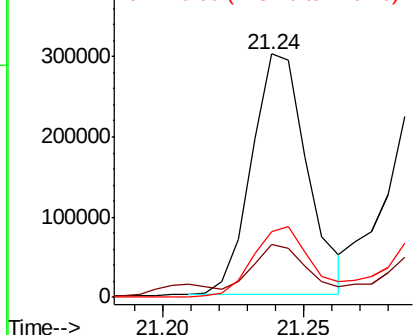


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85
Chrysene
Concen: 2.758 ng/u1
RT: 21.29 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

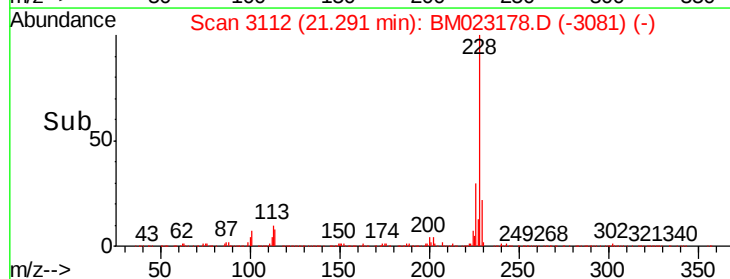
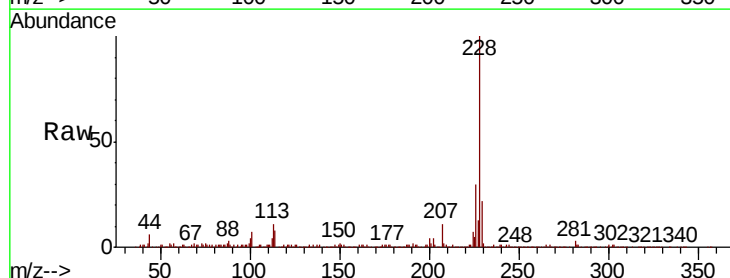
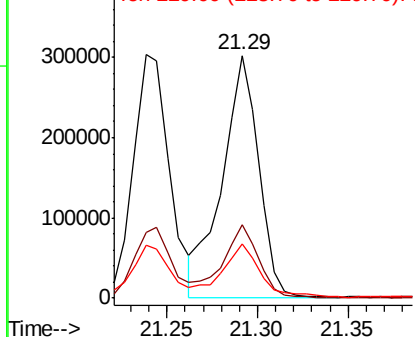
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.4	15.5	23.3

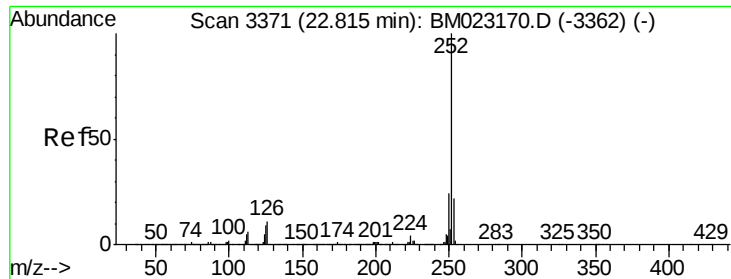
Abundance

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





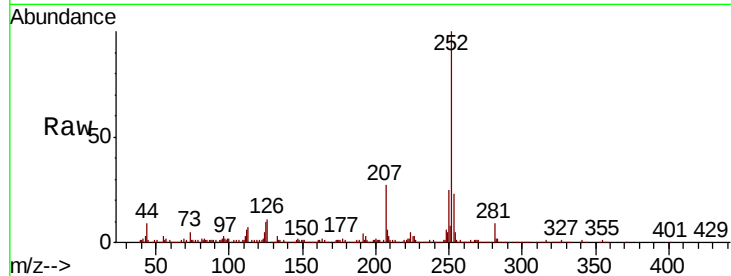
#88
Benzo(b)fluoranthene
Concen: 3.791 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.8	6.4	9.6#

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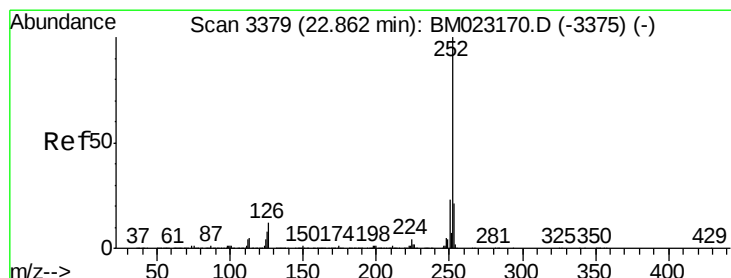
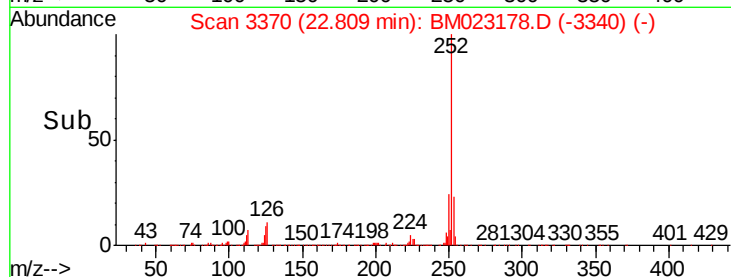
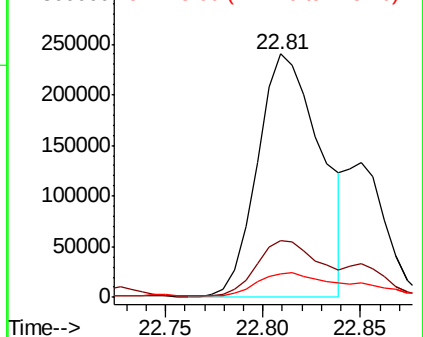


Abundance

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



#89
Benzo(k)fluoranthene
Concen: 1.368 ng/ul m
RT: 22.85 min Scan# 3377
Delta R.T. -0.02 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

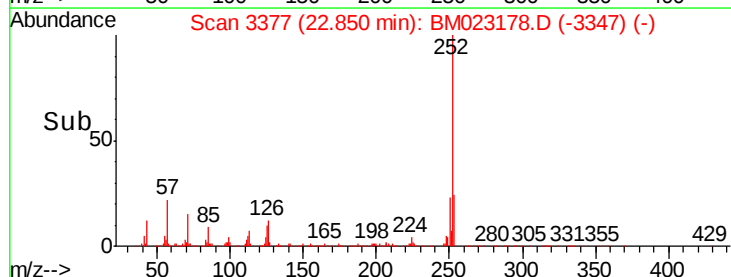
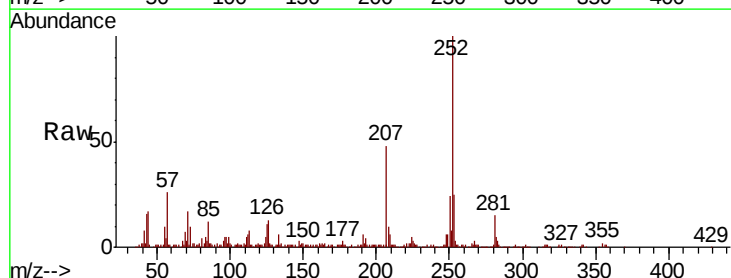
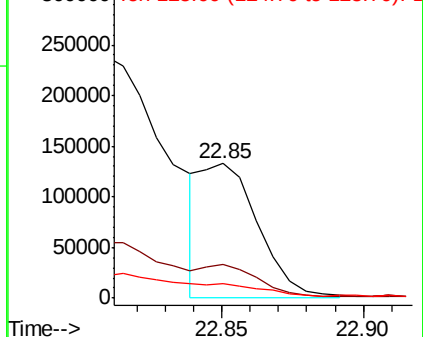
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	10.6	6.5	9.7#

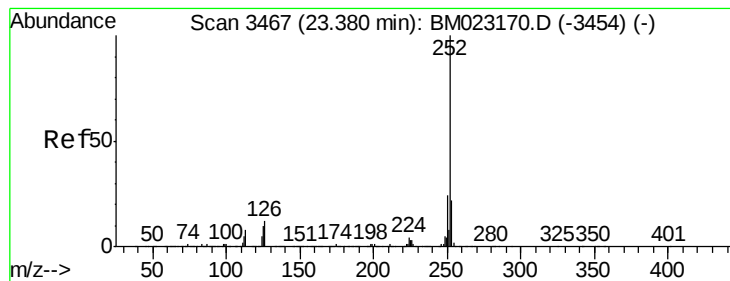
Abundance

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

Benzo(a)pyrene

Concen: 2.495 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.02 min

Lab File: BM023178.D

Acq: 15 Oct 2019 22:09

Instrument :

BNA_M

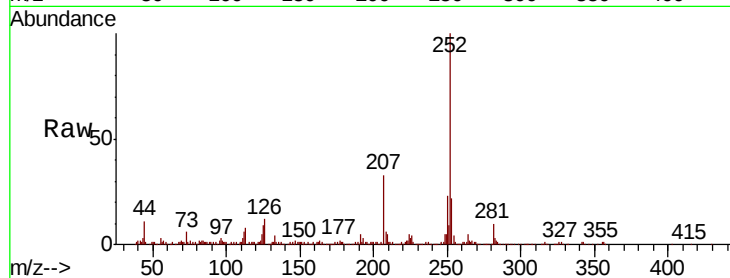
ClientSampled :

C0AB1

Tot Ion:	252	Resp:	338989
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	9.2	7.4	11.0

Manual Integrations
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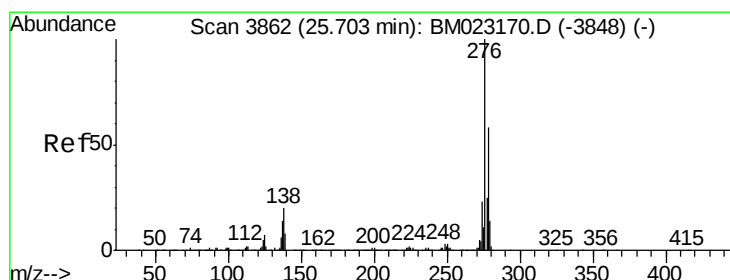
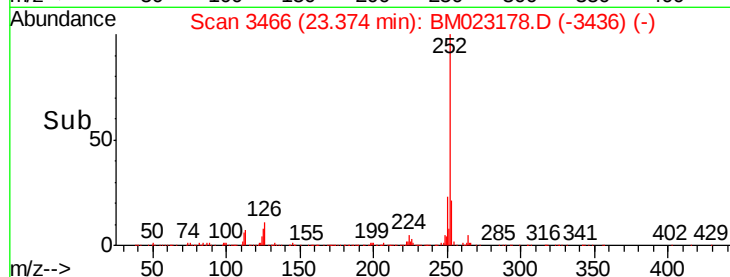
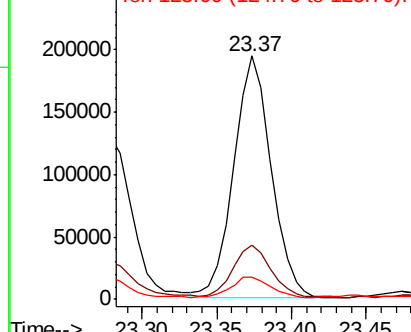


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.248 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. -0.04 min

Lab File: BM023178.D

Acq: 15 Oct 2019 22:09

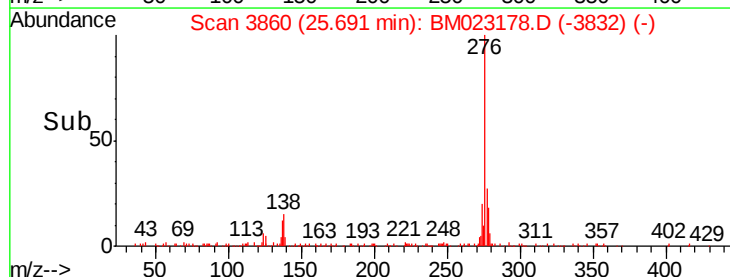
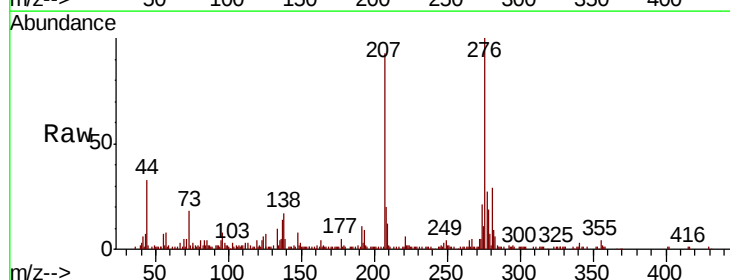
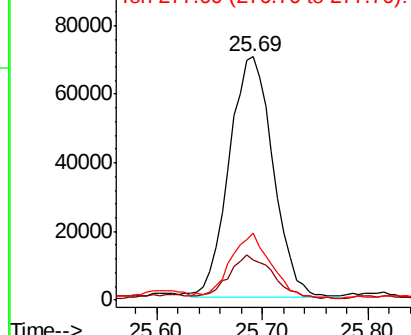
Tgt Ion:	276	Resp:	201768
Ion Ratio	Lower	Upper	
276	100		
138	16.6	14.9	22.3
277	27.5	19.8	29.8

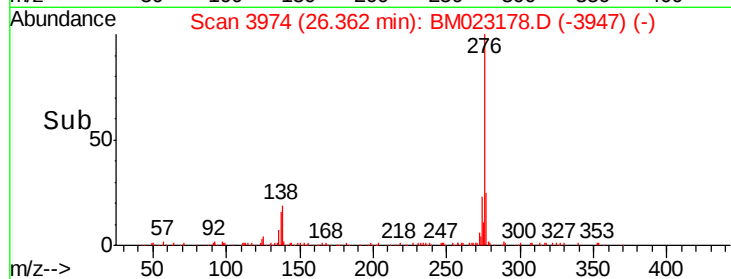
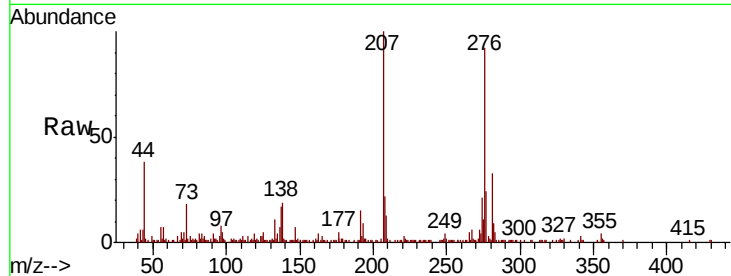
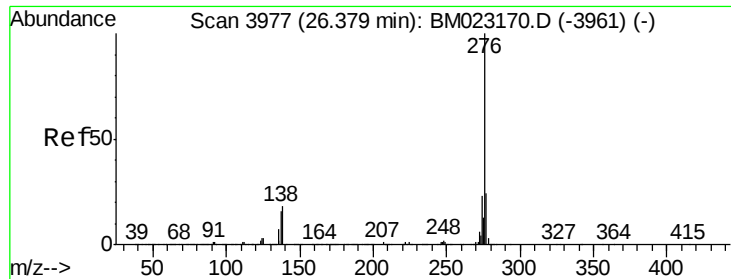
Abundance

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





#94

Benzo(a,h,i)perylene

Concen: 1.351 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. -0.04 min

Lab File: BM023178.D

Acq: 15 Oct 2019 22:09

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	14.4	21.6
277	25.6	19.4	29.2

Instrument :

BNA_M

ClientSampleId :

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