

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062319\
 Data File : BM021112.D
 Acq On : 22 Jun 2019 23:30
 Operator : HP/JU
 Sample : K3335-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4235

Manual Integrations
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mohammad
 6/25/2019 8:35:46 AM

Quant Time: Jun 25 04:44:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 03:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	255256	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1088369	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	632799	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1335876	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1127730	20.00	ng/ul	-0.02
85) Perylene-d12	23.61	264	1296070	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	15868	2.95	ng/uL	0.00
5) Phenol-d5	6.94	99	316381	14.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	223861	16.91	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	275630	15.27	ng/ul	-0.02
13) 4-Methylphenol-d8	8.48	113	223835	12.07	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	151004	17.09	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.65	143	164976	16.82	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	298511	14.96	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.71	131	295997	14.23	ng/ul	-0.01
43) Dimethylphthalate-d6	13.83	166	987508	17.27	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	1138690	16.27	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.62	143	82578	8.88	ng/ul	-0.01
57) Fluorene-d10	15.41	176	824115	16.57	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	86628	10.55	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1037580	14.95	ng/ul	-0.02
78) Pyrene-d10	19.55	212	1138855	16.83	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.47	264	1248249	16.32	ng/ul	-0.02

Target Compounds				Ovalue		
44) Dimethylphthalate	13.87	163	376465	7.233	ng/ul	99
69) Phenanthrene	17.20	178	555349	7.517	ng/ul	99
71) Anthracene	17.29	178	126030	1.674	ng/ul	98
76) Fluoranthene	19.22	202	1161029	14.544	ng/ul	99
79) Pyrene	19.58	202	1021178	12.809	ng/ul	99
82) Benzo(a)anthracene	21.32	228	504364	6.560	ng/ul	98
84) Chrysene	21.37	228	449963	6.249	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	592985	7.223	ng/ul	98
88) Benzo(k)fluoranthene	22.97	252	221382m	2.803	ng/ul	
90) Benzo(a)pyrene	23.52	252	428234	5.542	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	290233	3.190	ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	244006	3.256	ng/ul	98

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

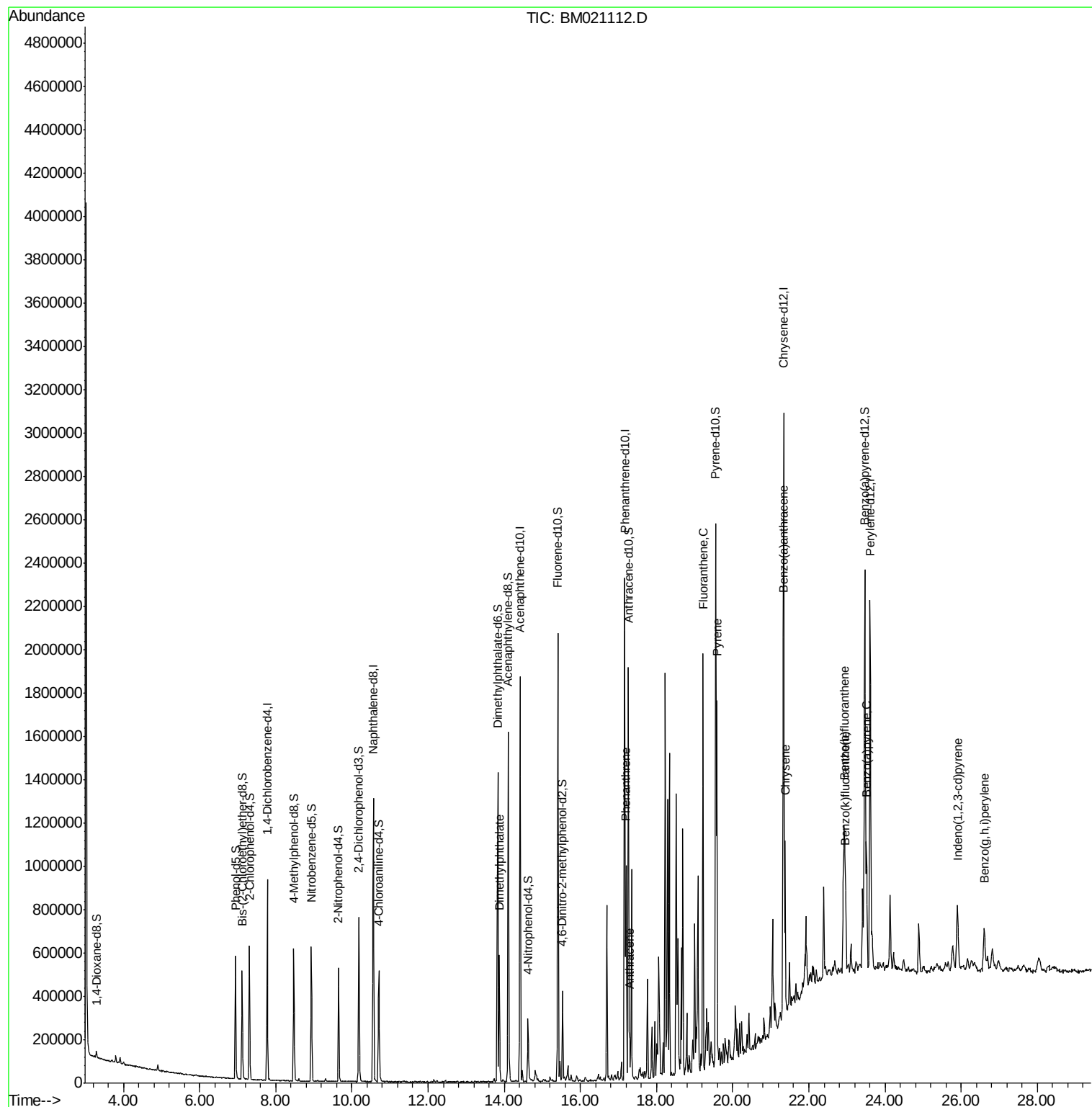
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062319\
Data File : BM021112.D
Acq On : 22 Jun 2019 23:30
Operator : HP/JU
Sample : K3335-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

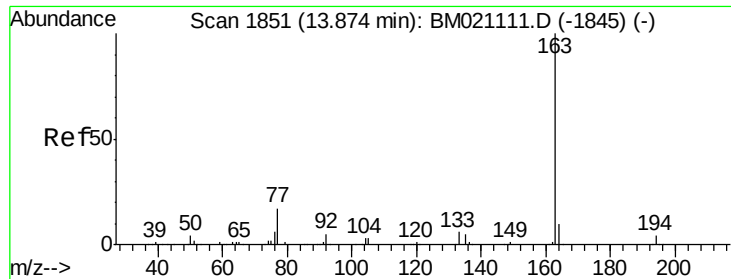
Instrument :
BNA_M
ClientSampleId :
A4235

Quant Time: Jun 25 04:44:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
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#44

Dimethylphthalate

Concen: 7.233 ng/ul

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM021112.D

Acq: 22 Jun 2019 23:30

Instrument :

BNA_M

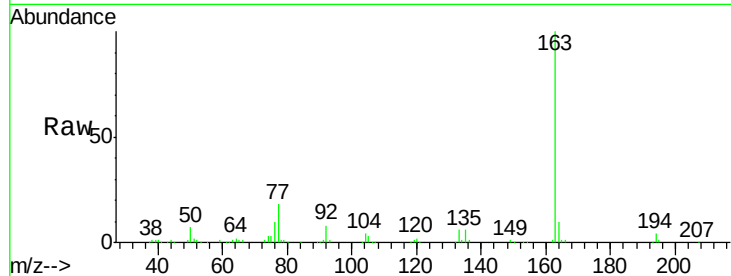
ClientSampleId :

A4235

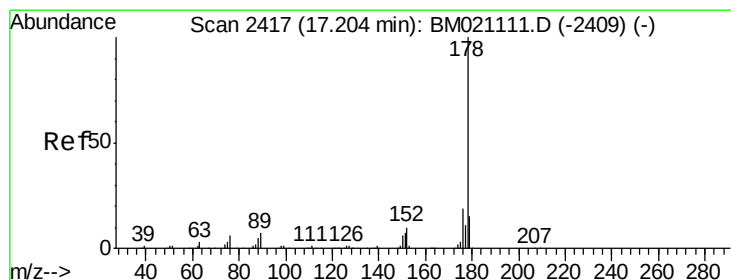
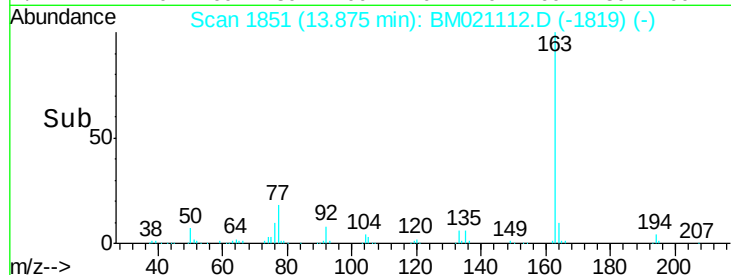
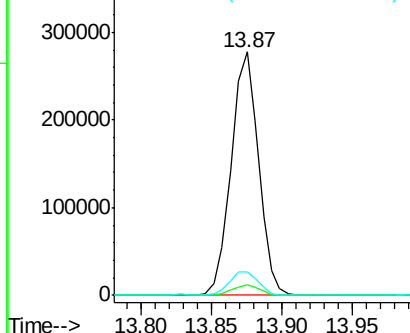
Tot Ion:	163	Resp:	376465
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.9	7.7	11.5

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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



#69

Phenanthrene

Concen: 7.517 ng/ul

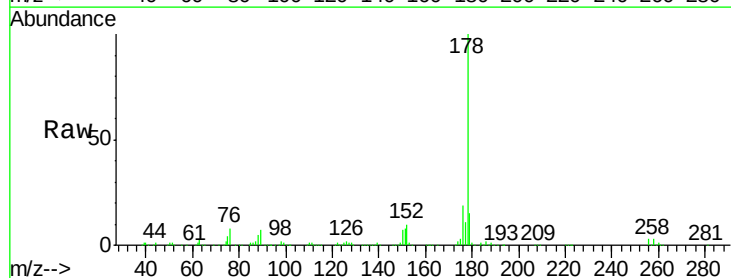
RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

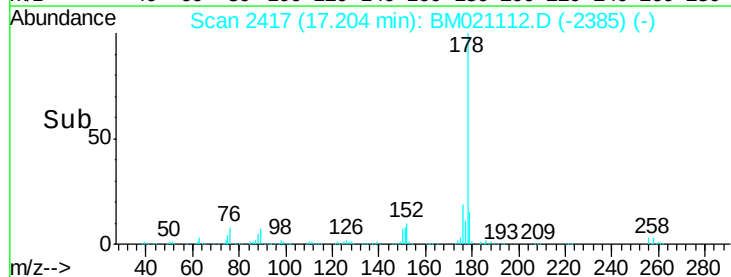
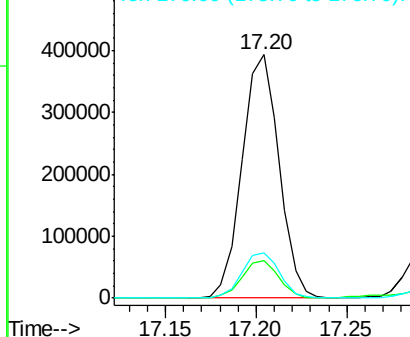
Lab File: BM021112.D

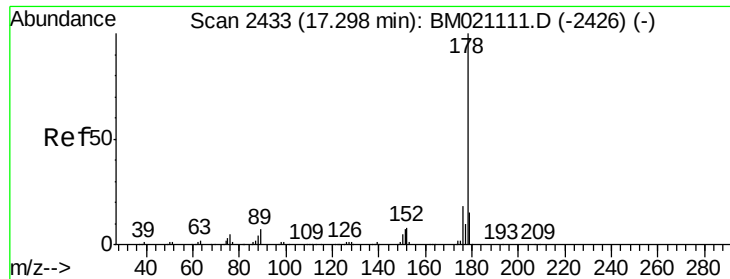
Acq: 22 Jun 2019 23:30

Tgt Ion:	178	Resp:	555349
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.8	17.8
176	18.8	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





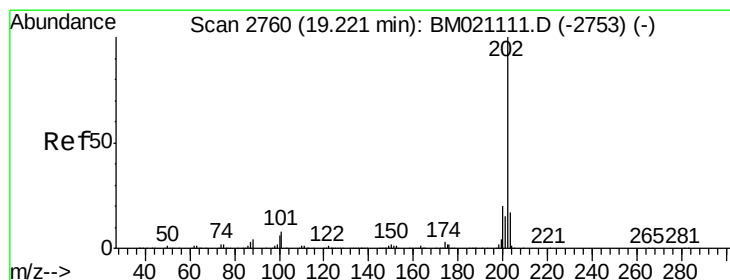
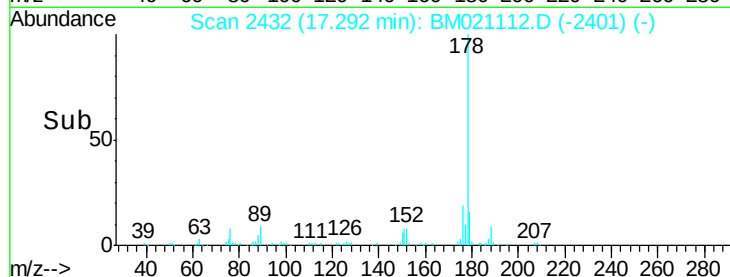
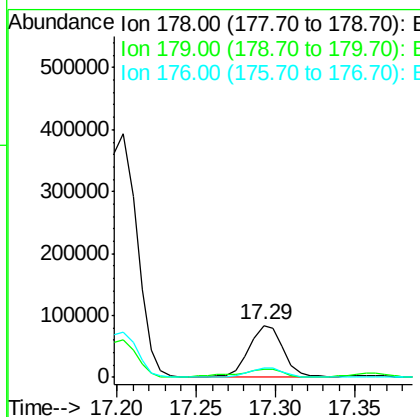
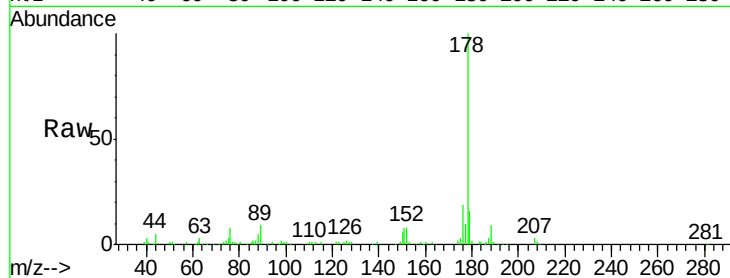
#71
 Anthracene
 Concen: 1.674 ng/ul
 RT: 17.29 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BM021112.D
 Acq: 22 Jun 2019 23:30

Instrument :
 BNA_M
 ClientSampled :
 A4235

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	19.1	14.6	21.8

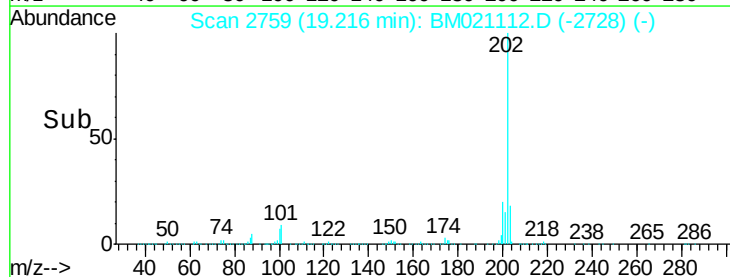
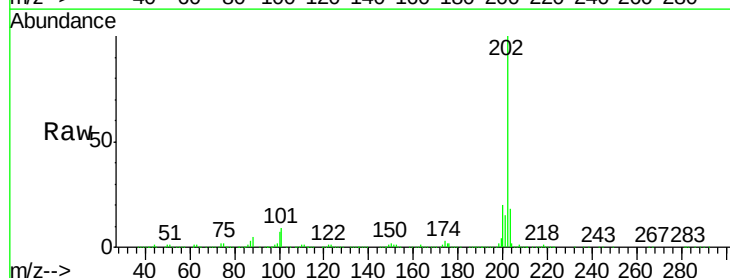
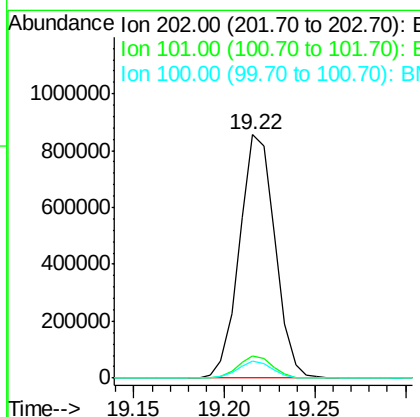
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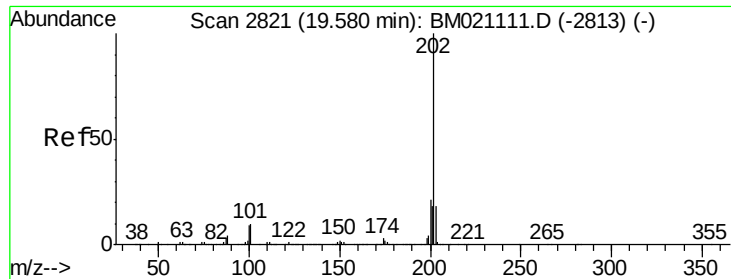
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#76
 Fluoranthene
 Concen: 14.544 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.02 min
 Lab File: BM021112.D
 Acq: 22 Jun 2019 23:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.7	10.1
100	6.9	5.5	8.3





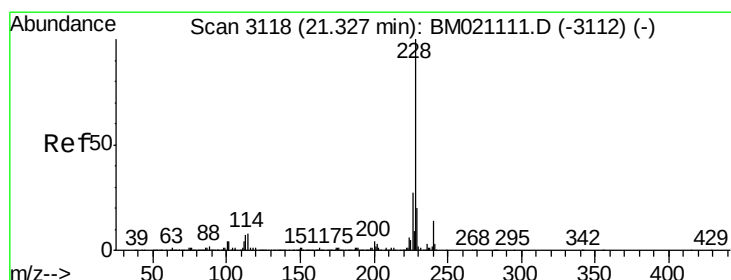
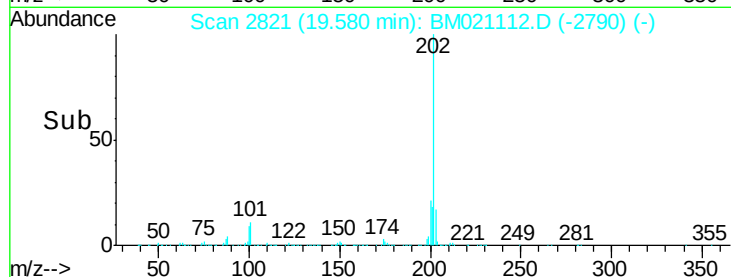
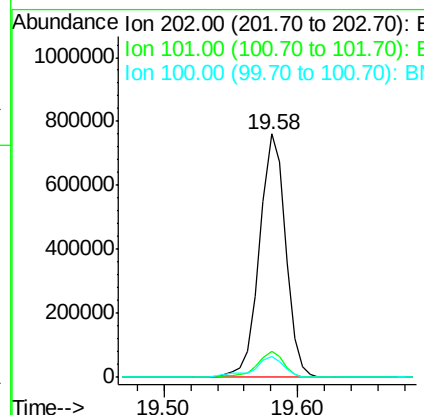
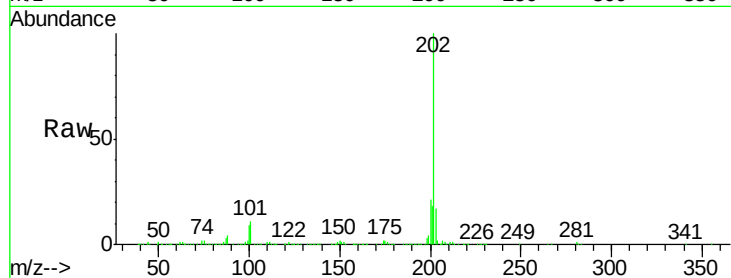
#79
Pvrene
Concen: 12.809 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Instrument :
BNA_M
ClientSampleId :
A4235

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1021178		
101	10.5	8.1	12.1		
100	8.7	6.6	10.0		

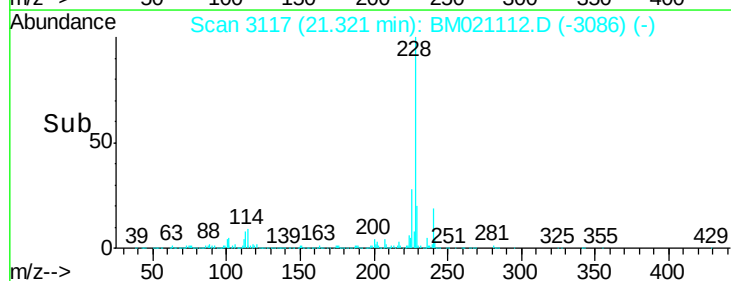
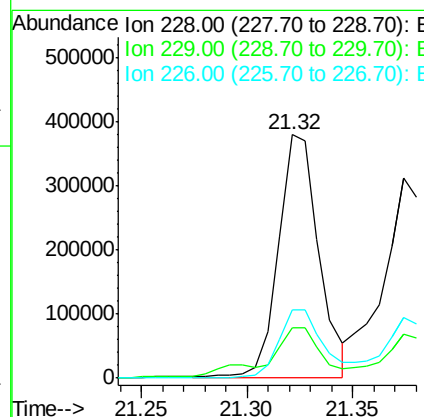
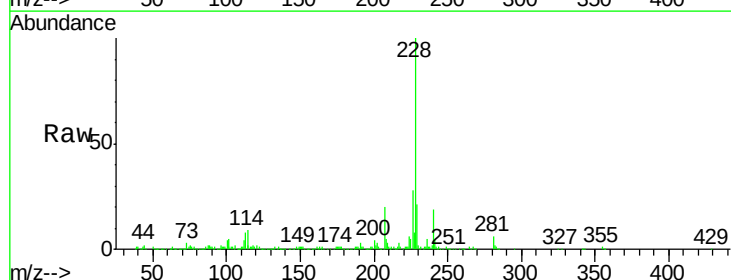
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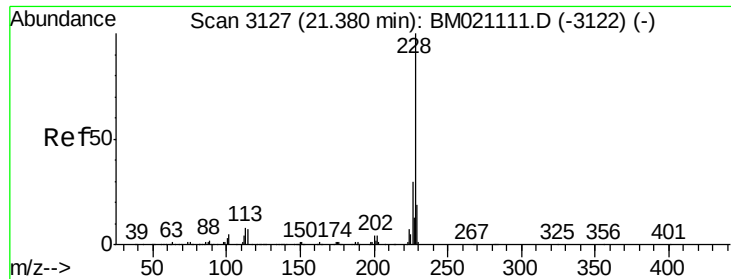
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#82
Benzo(a)anthracene
Concen: 6.560 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		504364		
229	20.5	15.8	23.8		
226	27.9	21.4	32.2		





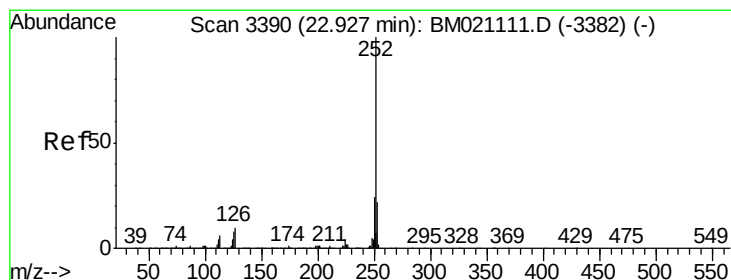
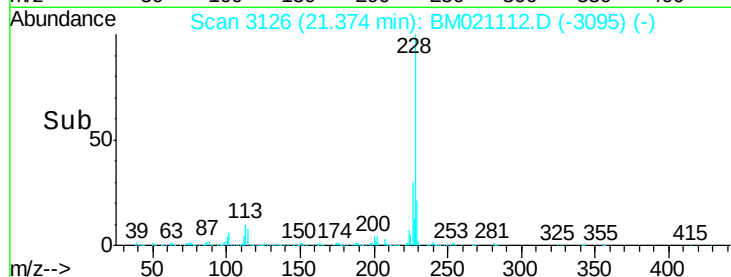
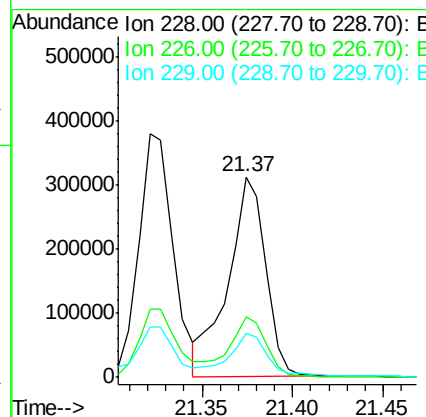
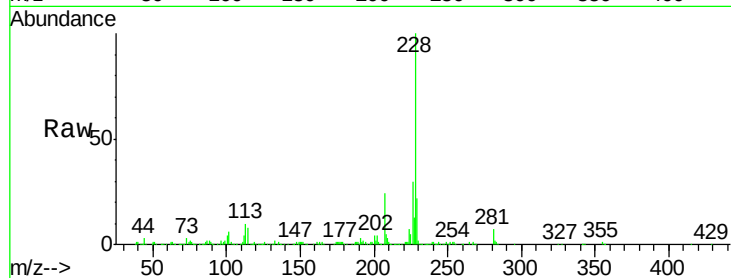
#84
Chrysene
Concen: 6.249 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Instrument :
BNA_M
ClientSampleId :
A4235

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	21.7	15.4	23.2

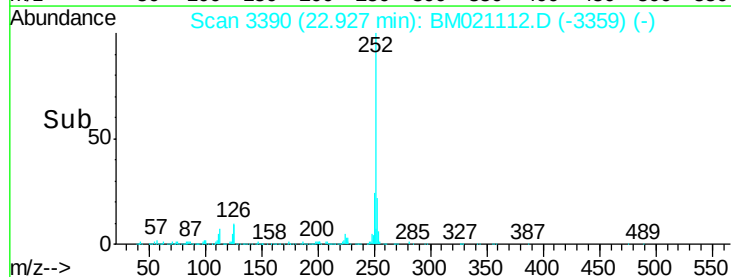
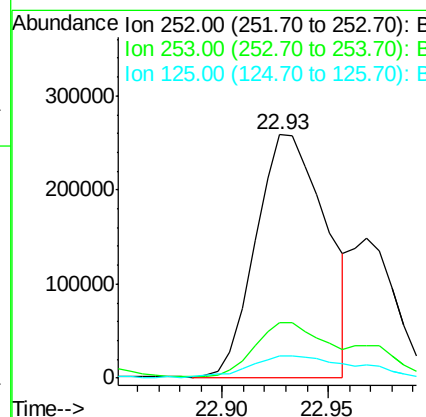
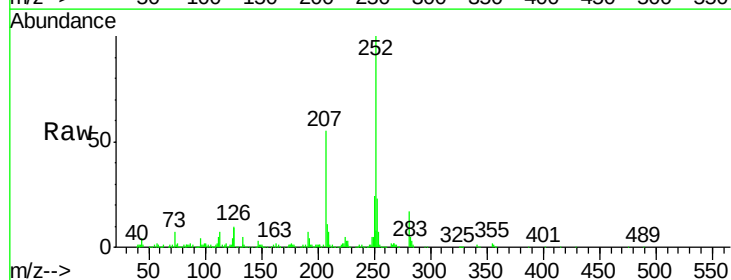
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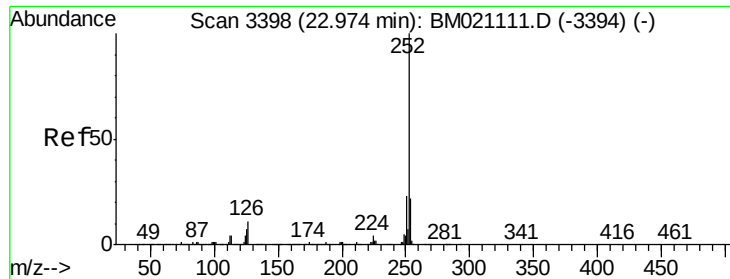
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#87
Benzo(b)fluoranthene
Concen: 7.223 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.02 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.2	6.3	9.5





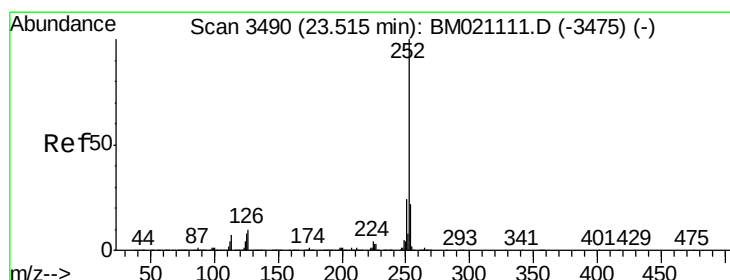
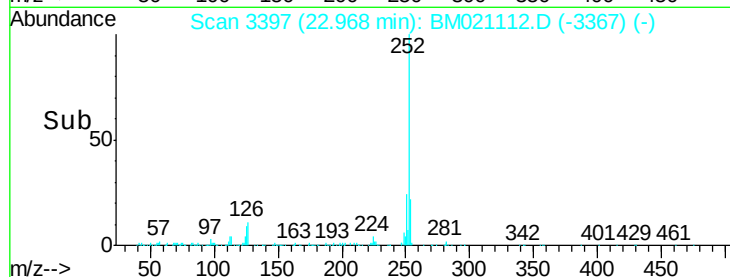
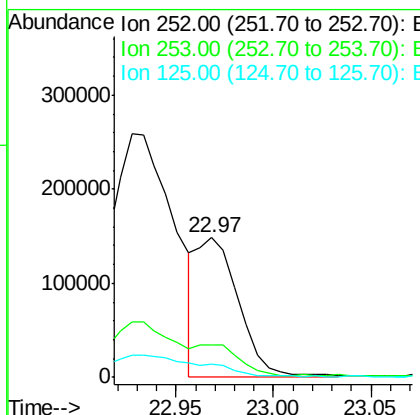
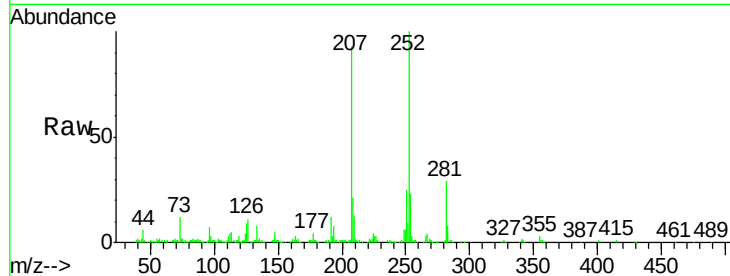
#88
Benzo(k)fluoranthene
Concen: 2.803 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. -0.02 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Instrument :
BNA_M
ClientSampleId :
A4235

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	9.4	6.6	9.8

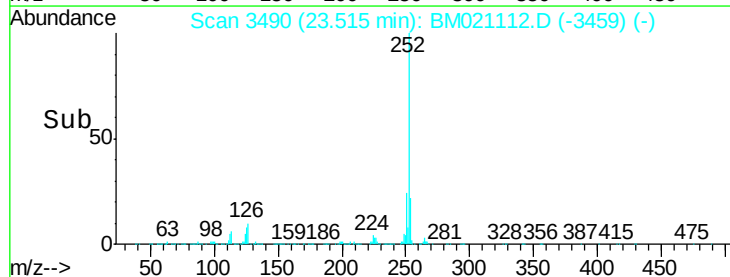
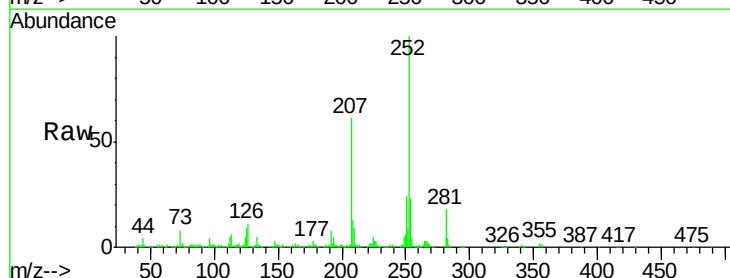
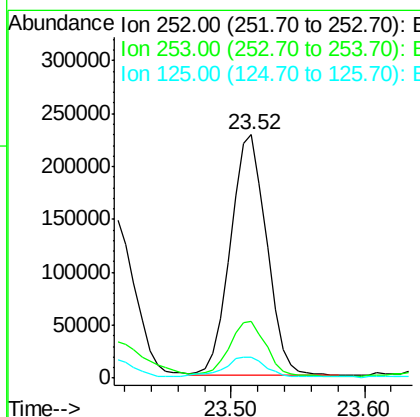
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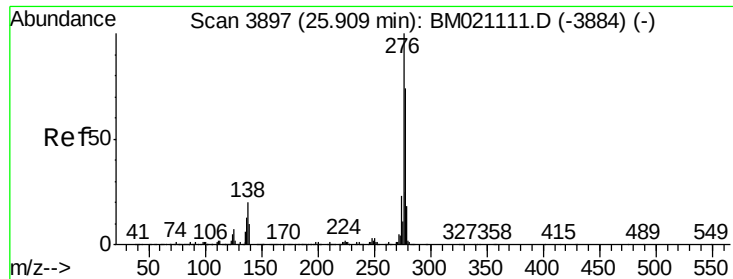
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#90
Benzo(a)pyrene
Concen: 5.542 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.6	7.2	10.8





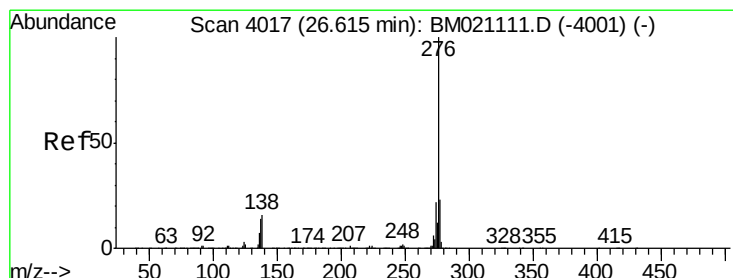
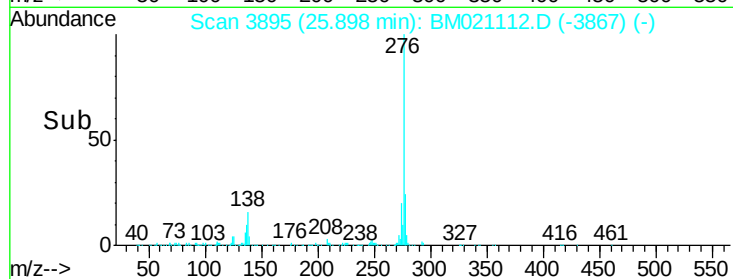
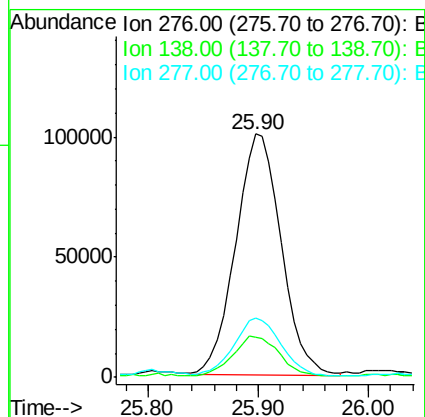
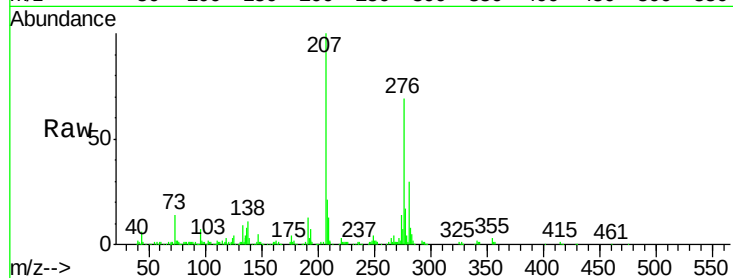
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.190 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.03 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Instrument :
BNA_M
ClientSampleId :
A4235

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.9	23.9
277	24.6	20.4	30.6

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#93
Benzo(g,h,i)perylene
Concen: 3.256 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.03 min
Lab File: BM021112.D
Acq: 22 Jun 2019 23:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.6	21.8
277	23.9	18.9	28.3

