

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028226.D
 Acq On : 22 Dec 2020 02:32
 Operator : JU/CG
 Sample : L5110-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54M8

Manual Integrations
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 12/23/2020 12:32:01 PM

Quant Time: Dec 22 03:14:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 01:47:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	138154	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	565922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	303883	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	567413	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	499595	20.00	ng/ul	0.00
86) Perylene-d12	24.02	264	510848	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5924	1.70	ng/uL	0.00
5) Phenol-d5	7.33	99	99716	8.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	71451	9.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	92086	9.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	60236	6.34	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	42647	9.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	42525	9.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	72536	7.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	80676	7.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	231228	9.88	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	289848	9.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	10536	2.48	ng/ul	0.00
58) Fluorene-d10	15.81	176	203441	9.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	13319	3.94	ng/ul	0.00
71) Anthracene-d10	17.64	188	286844	10.19	ng/ul	0.00
79) Pyrene-d10	19.90	212	310233	11.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	305357	10.85	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	17.59	178	393855	11.466 ng/ul	99
72) Anthracene	17.68	178	72910	2.086 ng/ul	98
75) Carbazole	17.94	167	32232	1.105 ng/ul	99
77) Fluoranthene	19.57	202	541277	14.930 ng/ul	99
80) Pyrene	19.93	202	481069	12.778 ng/ul	97
83) Benzo(a)anthracene	21.64	228	214803	6.415 ng/ul	99
85) Chrysene	21.69	228	205690	6.250 ng/ul	98
88) Benzo(b)fluoranthene	23.30	252	234153	6.779 ng/ul	96
89) Benzo(k)fluoranthene	23.34	252	88935m	2.596 ng/ul	
91) Benzo(a)pyrene	23.92	252	173465	5.572 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	26.44	276	113845	3.202 ng/ul	95
94) Benzo(g,h,i)perylene	27.19	276	93937	3.146 ng/ul	97

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

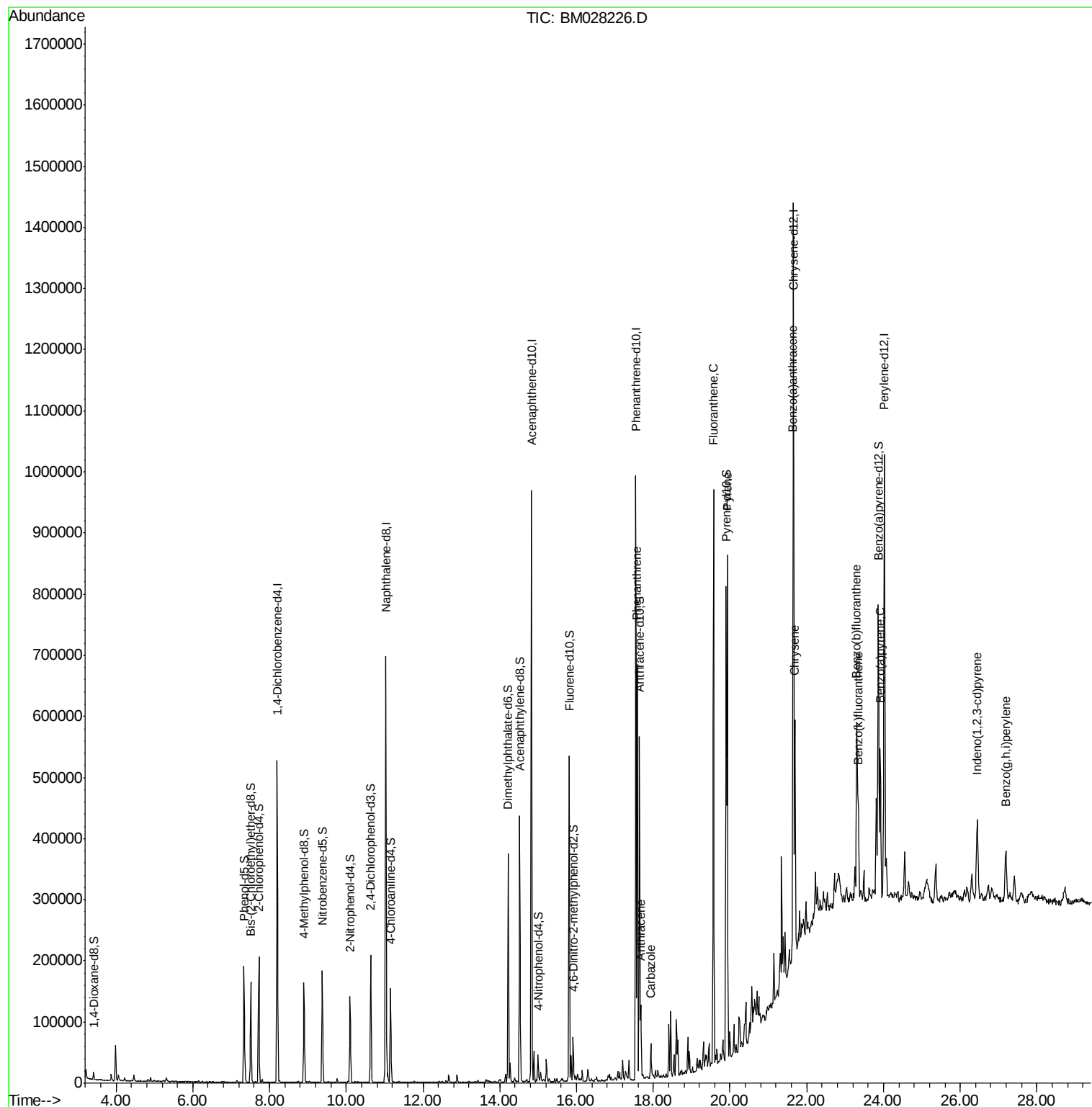
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028226.D
Acq On : 22 Dec 2020 02:32
Operator : JU/CG
Sample : L5110-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

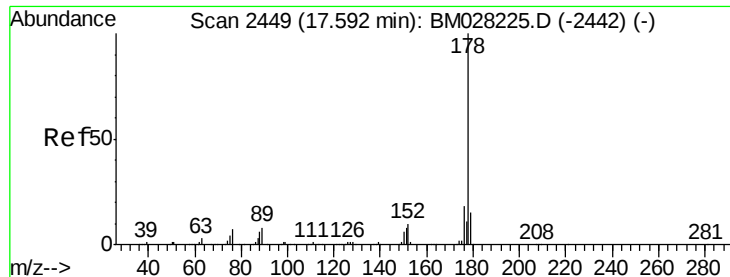
Instrument :
BNA_M
ClientSampled :
A54M8

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Quant Time: Dec 22 03:14:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 01:47:53 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 11.466 ng/ul

RT: 17.59 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM028226.D

Acq: 22 Dec 2020 02:32

Instrument :

BNA_M

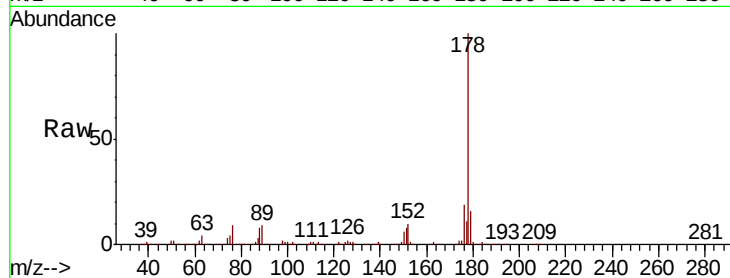
ClientSampled :

A54M8

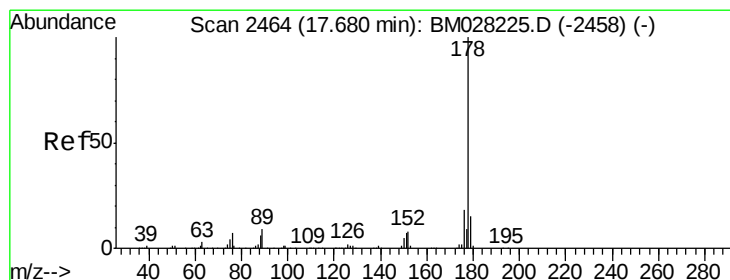
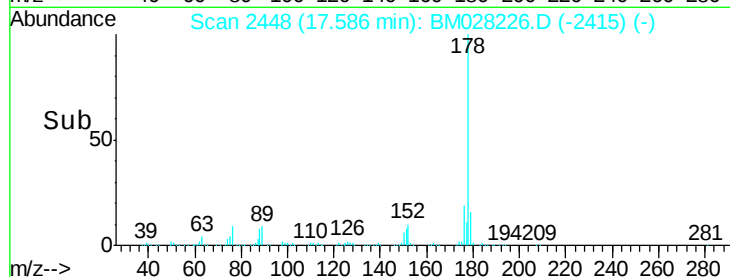
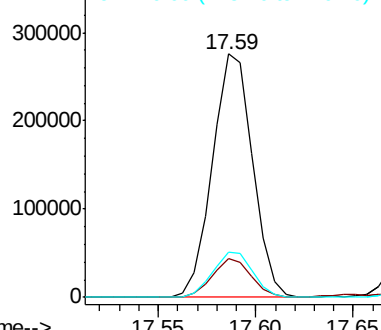
Tot Ion:	178	Resp:	393855
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.2
176	18.8	14.9	22.3

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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



#72

Anthracene

Concen: 2.086 ng/ul

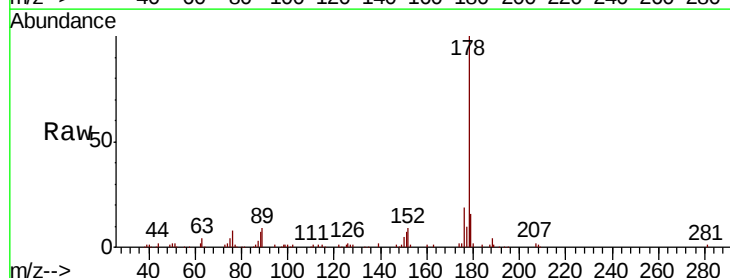
RT: 17.68 min Scan# 2464

Delta R.T. 0.00 min

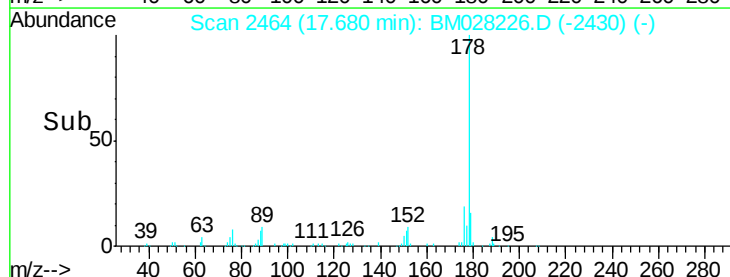
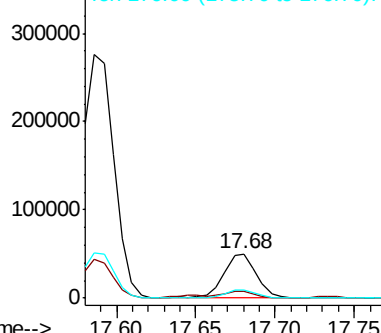
Lab File: BM028226.D

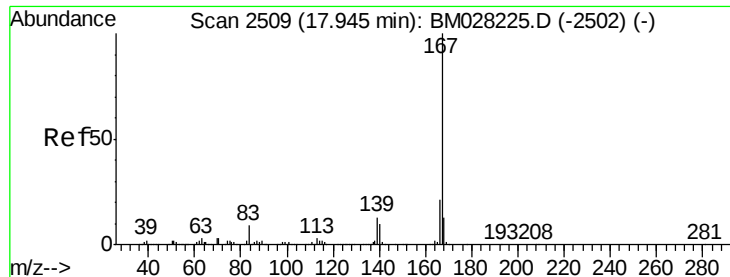
Acq: 22 Dec 2020 02:32

Tgt Ion:	178	Resp:	72910
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.4
176	18.6	14.0	21.0



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





#75

Carbazole

Concen: 1.105 ng/ul

RT: 17.94 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BM028226.D

Acq: 22 Dec 2020 02:32

Instrument :

BNA_M

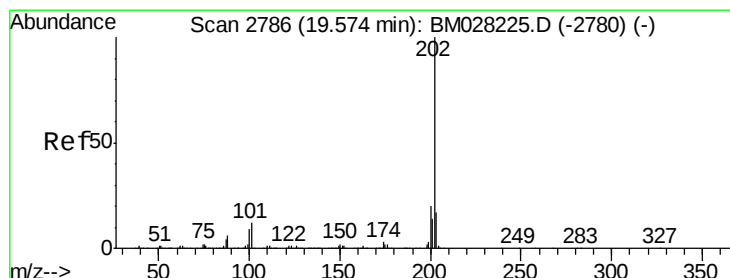
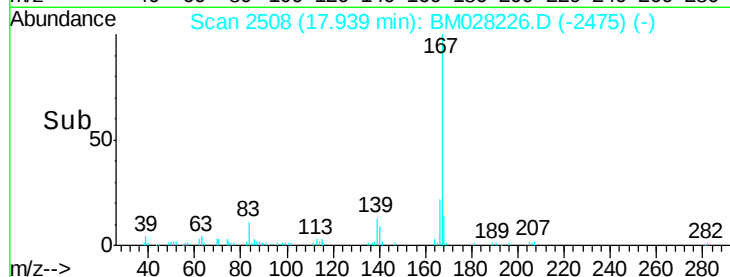
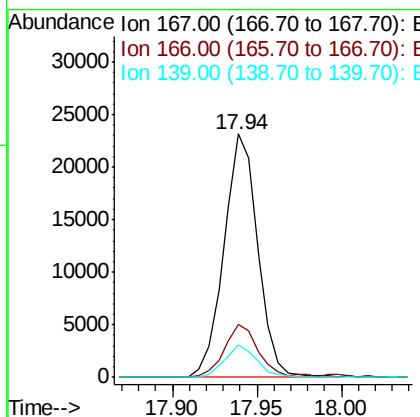
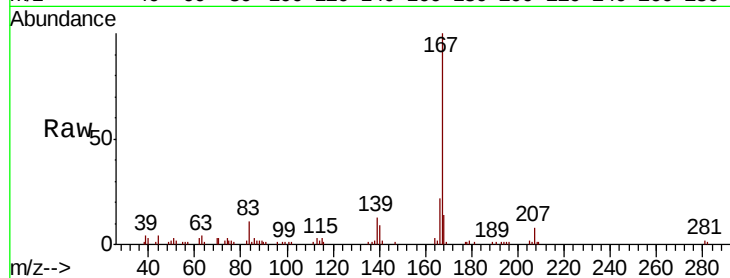
ClientSampleId :

A54M8

Tot Ion:	167	Resp:	32232
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.0	25.6
139	13.4	10.2	15.4

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#77

Fluoranthene

Concen: 14.930 ng/ul

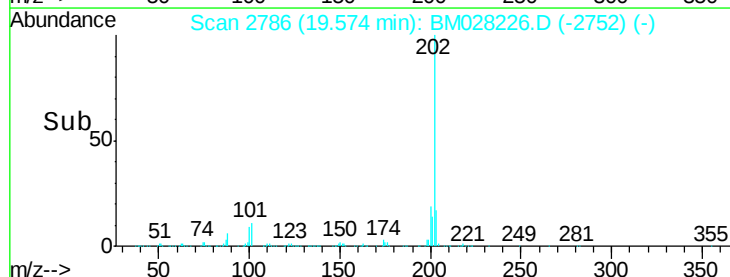
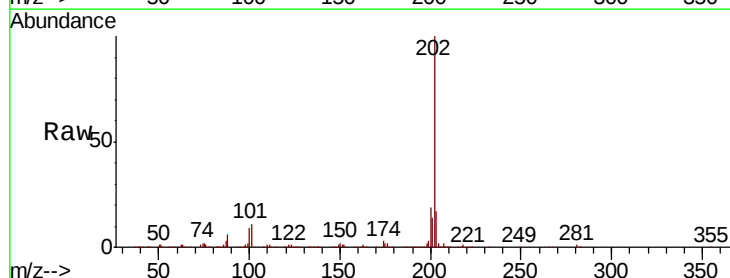
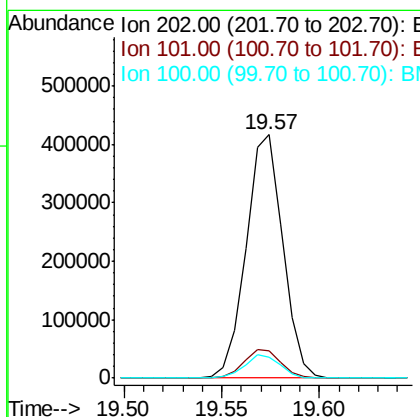
RT: 19.57 min Scan# 2786

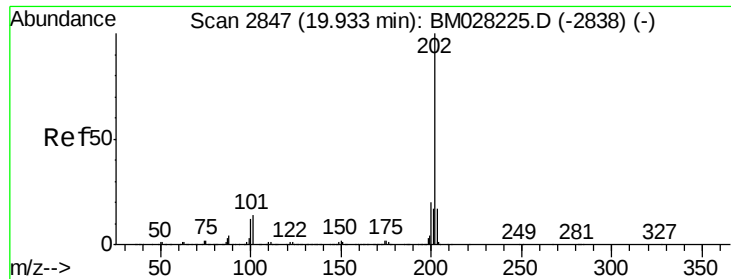
Delta R.T. 0.00 min

Lab File: BM028226.D

Acq: 22 Dec 2020 02:32

Tgt Ion:	202	Resp:	541277
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.2	13.8
100	8.6	7.1	10.7





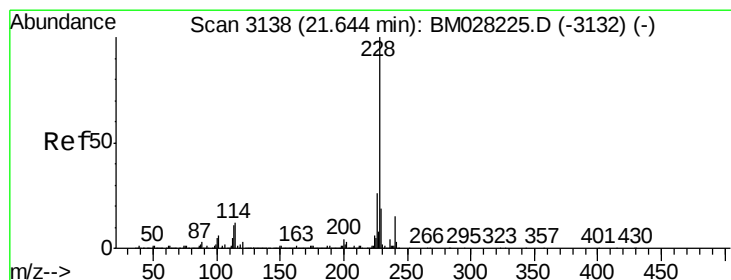
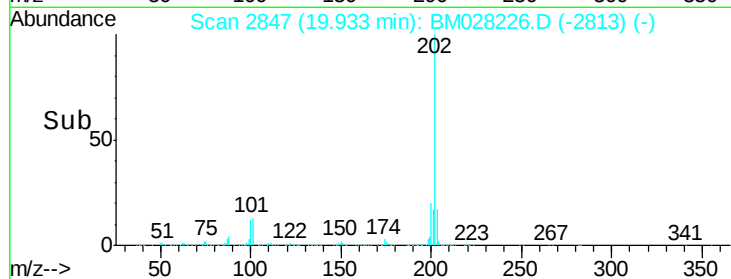
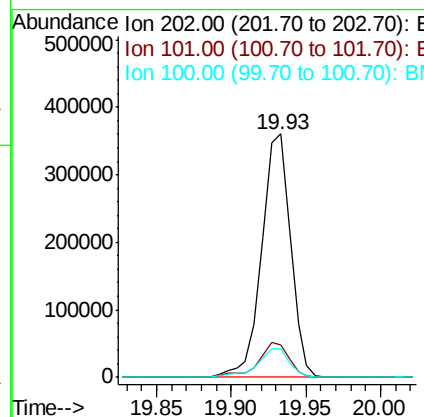
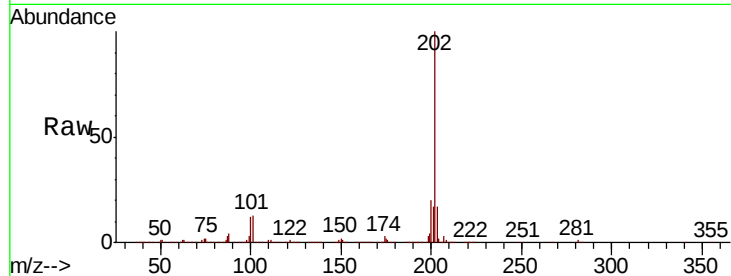
#80
Pvrene
Concen: 12.778 ng/ul
RT: 19.93 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BM028226.D
Acq: 22 Dec 2020 02:32

Instrument :
BNA_M
ClientSampleId :
A54M8

Tot Ion:	202	Resp:	481069
Ion Ratio	Lower	Upper	
202	100		
101	13.1	11.5	17.3
100	11.7	9.9	14.9

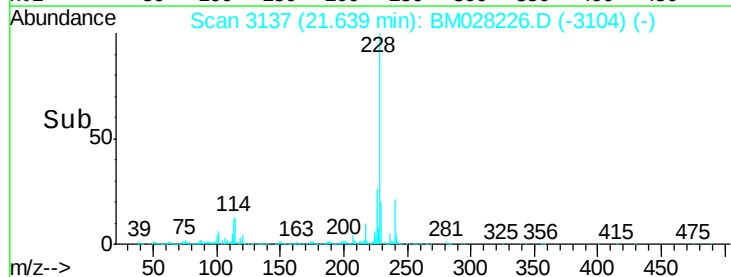
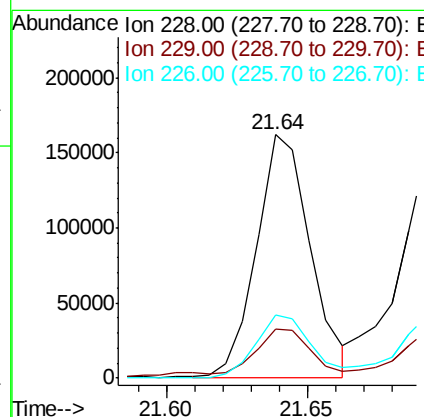
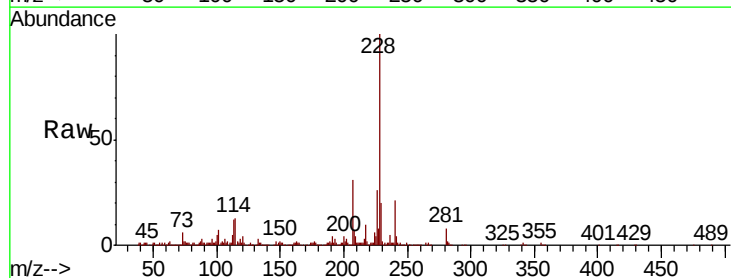
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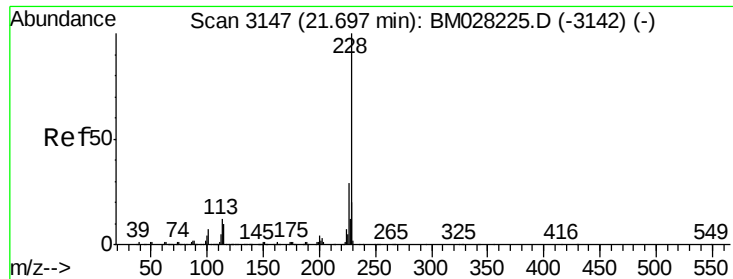
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#83
Benzo(a)anthracene
Concen: 6.415 ng/ul
RT: 21.64 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM028226.D
Acq: 22 Dec 2020 02:32

Tgt Ion:	228	Resp:	214803
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.5	23.3
226	25.7	20.6	31.0





#85

Chrysene

Concen: 6.250 ng/ul

RT: 21.69 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM028226.D

Acq: 22 Dec 2020 02:32

Instrument :

BNA_M

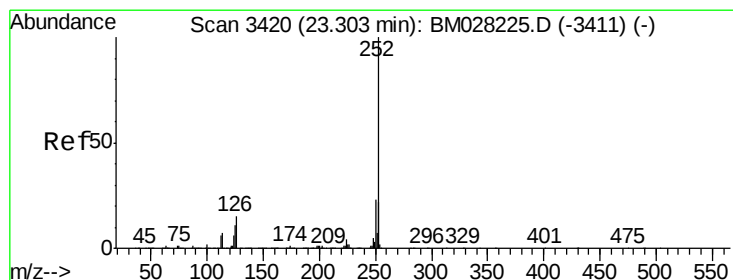
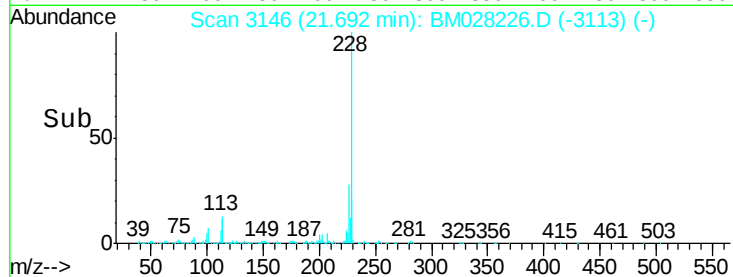
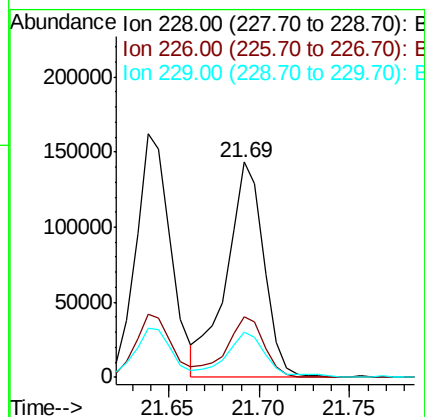
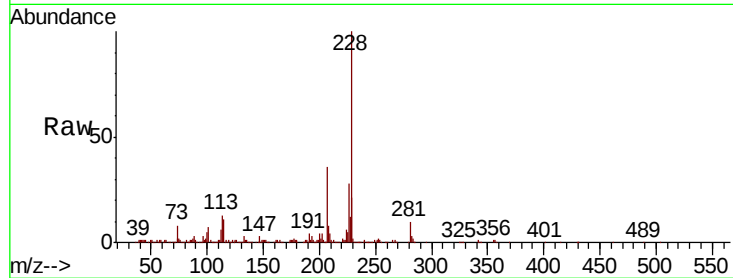
ClientSampled :

A54M8

Tot Ion:	228	Resp:	205690
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	21.1	15.5	23.3

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#88

Benzo(b)fluoranthene

Concen: 6.779 ng/ul

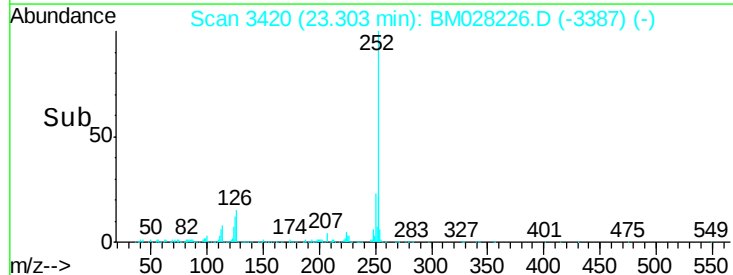
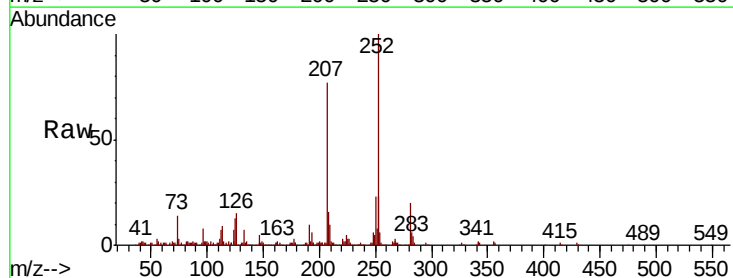
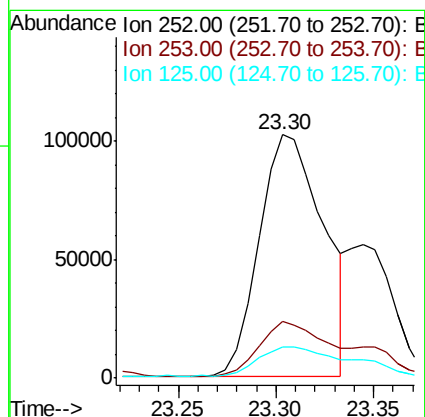
RT: 23.30 min Scan# 3420

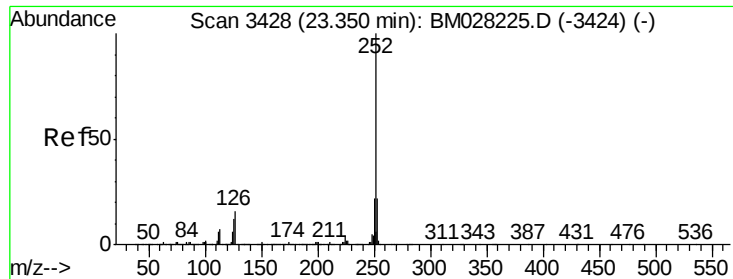
Delta R.T. -0.01 min

Lab File: BM028226.D

Acq: 22 Dec 2020 02:32

Tgt Ion:	252	Resp:	234153
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	13.0	9.0	13.4





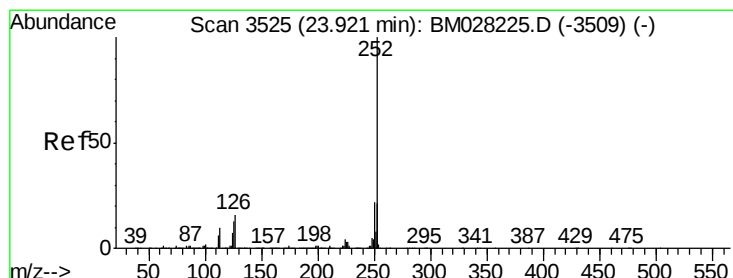
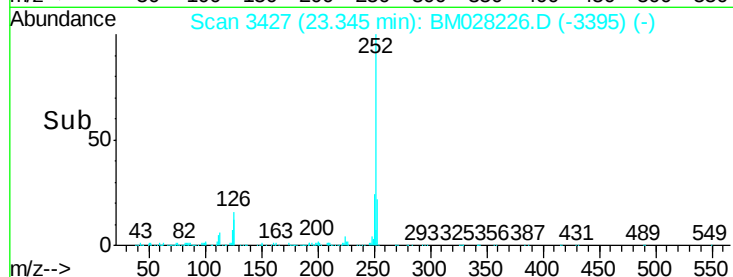
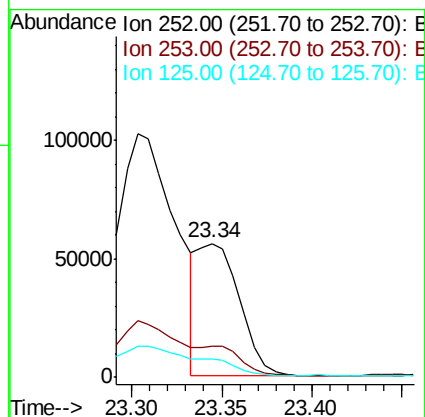
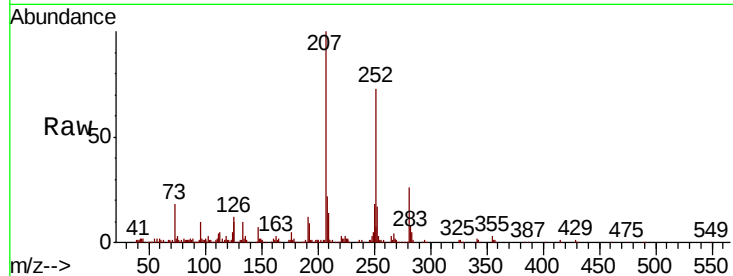
#89
Benzo(k)fluoranthene
Concen: 2.596 ng/ul
RT: 23.34 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BM028226.D
Acq: 22 Dec 2020 02:32

Instrument :
BNA_M
ClientSampleId :
A54M8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	13.5	9.0	13.6

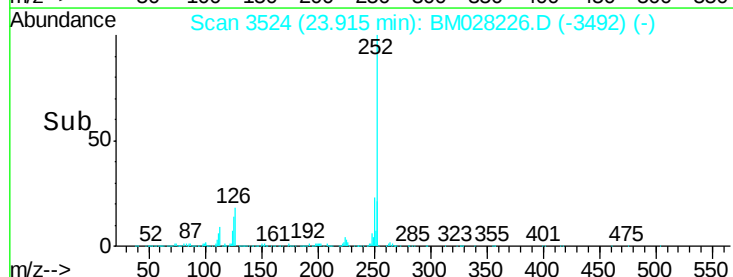
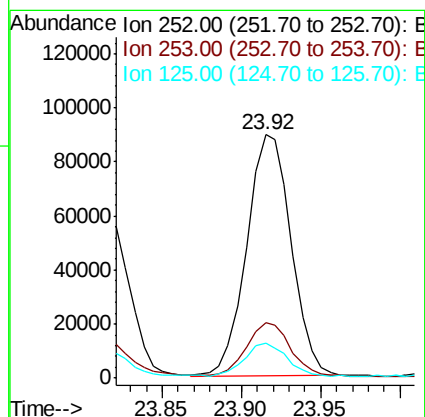
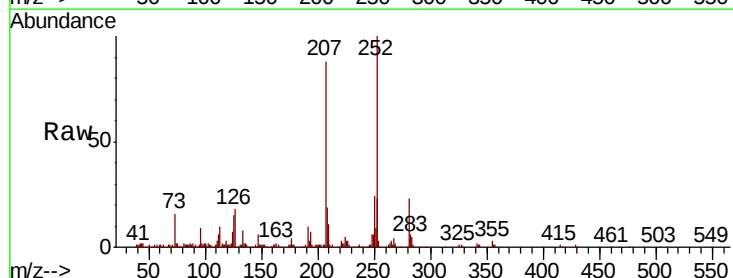
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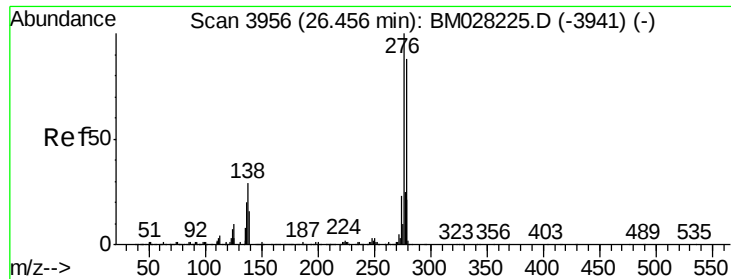
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#91
Benzo(a)pyrene
Concen: 5.572 ng/ul
RT: 23.92 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM028226.D
Acq: 22 Dec 2020 02:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	14.5	10.0	15.0





#92

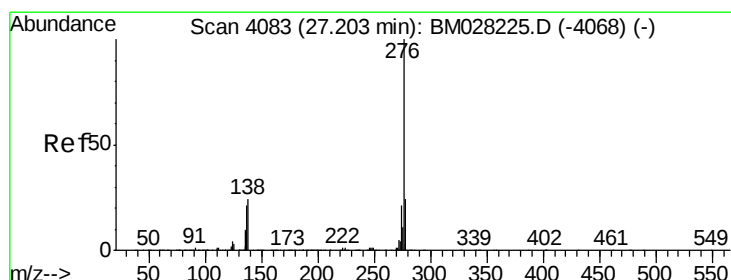
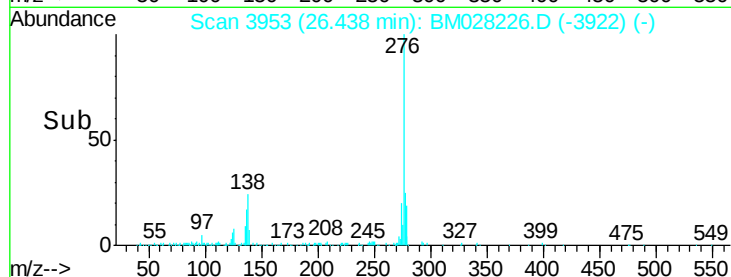
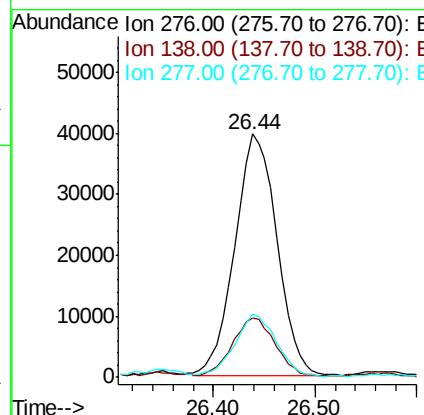
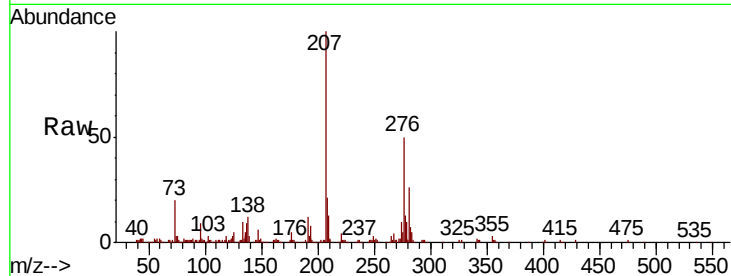
Indeno(1,2,3-cd)pyrene
Concen: 3.202 ng/ul
RT: 26.44 min Scan# 3953
Delta R.T. -0.02 min
Lab File: BM028226.D
Acq: 22 Dec 2020 02:32

Instrument :
BNA_M
ClientSampled :
A54M8

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	23.3	34.9
277	25.9	20.2	30.2

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#94

Benzo(g,h,i)perylene
Concen: 3.146 ng/ul
RT: 27.19 min Scan# 4080
Delta R.T. -0.02 min
Lab File: BM028226.D
Acq: 22 Dec 2020 02:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.8	29.8
277	25.6	18.9	28.3

