

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
 Data File : BM021367.D
 Acq On : 03 Jul 2019 15:48
 Operator : HP/JU
 Sample : K3594-10RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BE1RE

Manual Integrations
 APPROVED

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Quant Time: Jul 05 04:39:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 01:58:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	187222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	854835	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	528761	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1127082	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	930887	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1033093	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2638	0.67	ng/uL	0.01
5) Phenol-d5	6.92	99	58497	3.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	31438	3.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	44836	3.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	52145	3.83	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	22278	3.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	24854	3.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	53513	3.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	64694	3.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	210514	4.41	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	197944	3.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	12625	1.62	ng/ul	0.01
57) Fluorene-d10	15.39	176	164233	3.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	9656	1.39	ng/ul	0.00
70) Anthracene-d10	17.24	188	233331	3.98	ng/ul	0.00
78) Pyrene-d10	19.53	212	272669	4.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	288033	4.73	ng/ul	0.00

Target Compounds

					Ovalue
69) Phenanthrene	17.18	178	133126	2.136	ng/ul 100
76) Fluoranthene	19.20	202	341529	5.071	ng/ul 99
79) Pyrene	19.56	202	280189	4.258	ng/ul 97
82) Benzo(a)anthracene	21.32	228	135767	2.139	ng/ul 99
84) Chrysene	21.36	228	172867	2.908	ng/ul 99
87) Benzo(b)fluoranthene	22.91	252	237968	3.636	ng/ul# 98
88) Benzo(k)fluoranthene	22.96	252	88797m	1.410	ng/ul
90) Benzo(a)pyrene	23.50	252	137405	2.231	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.88	276	110322	1.521	ng/ul 97
93) Benzo(g,h,i)perylene	26.58	276	97580	1.634	ng/ul 97

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

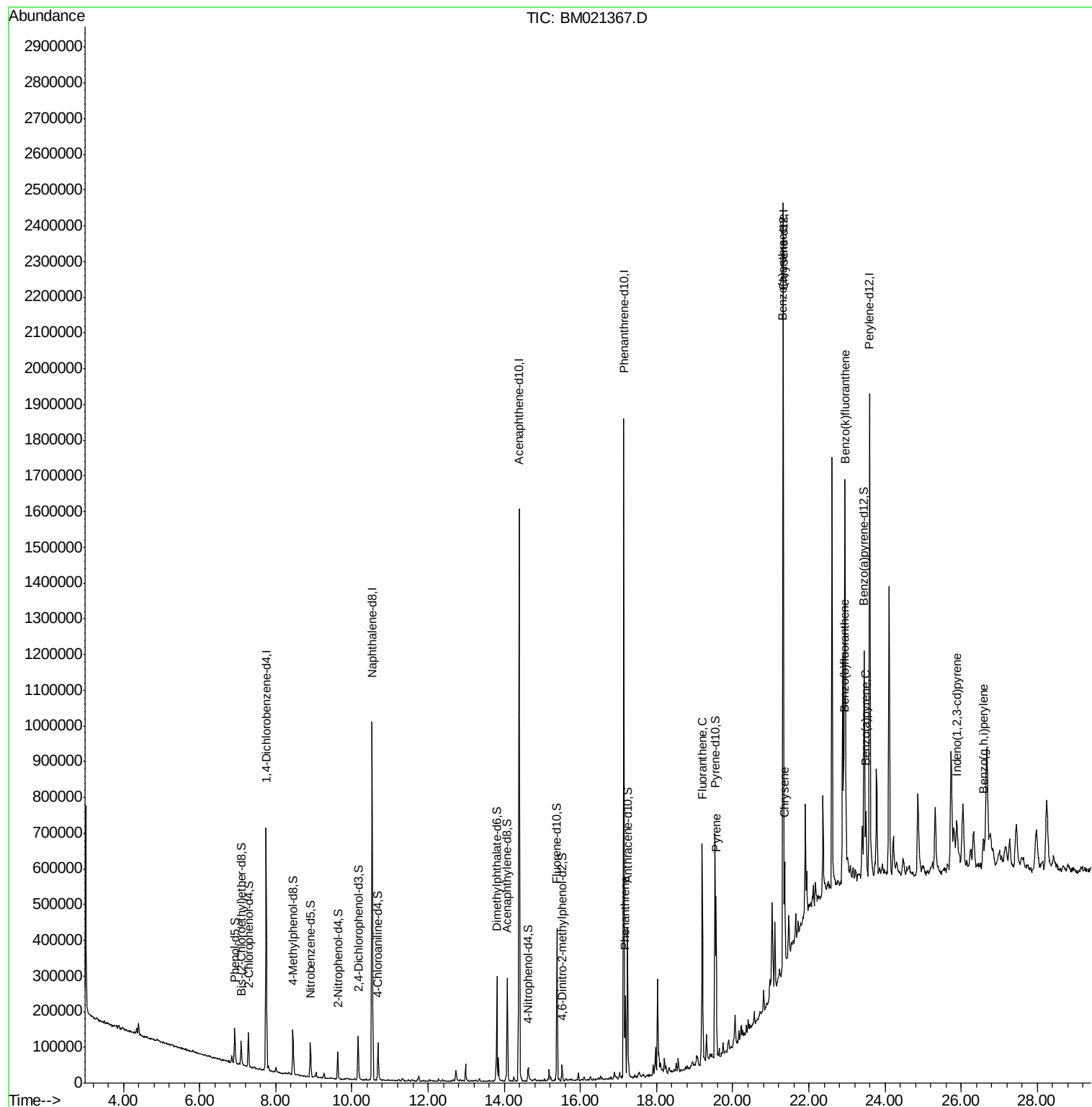
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021367.D
Acq On : 03 Jul 2019 15:48
Operator : HP/JU
Sample : K3594-10RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

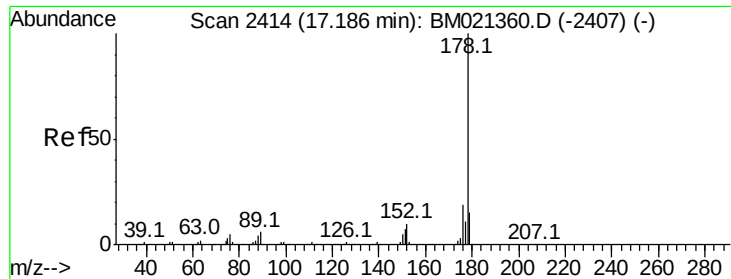
Instrument :
BNA_M
ClientSampleId :
C5BE1RE

Quant Time: Jul 05 04:39:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:58:18 2019
Response via : Initial Calibration

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#69

Phenanthrene

Concen: 2.136 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM021367.D

Acq: 03 Jul 2019 15:48

Instrument :

BNA_M

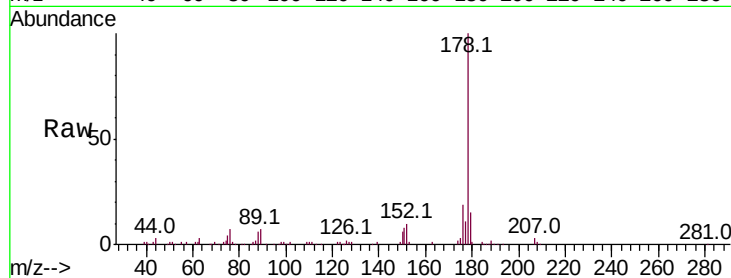
ClientSampleId :

C5BE1RE

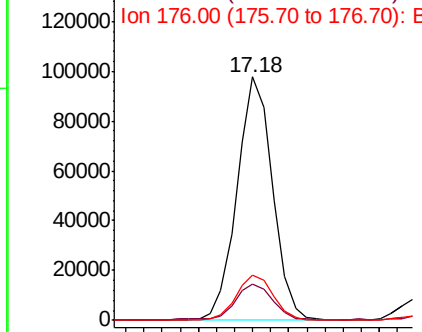
Tot Ion:	178	Resp:	133126
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.8	17.8
176	18.8	15.0	22.6

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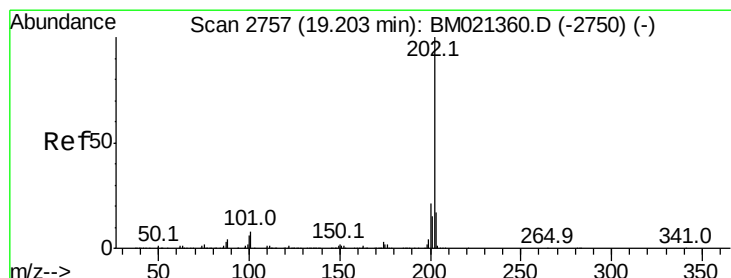
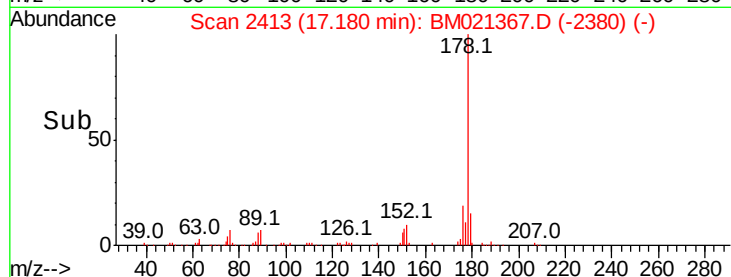
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#76

Fluoranthene

Concen: 5.071 ng/ul

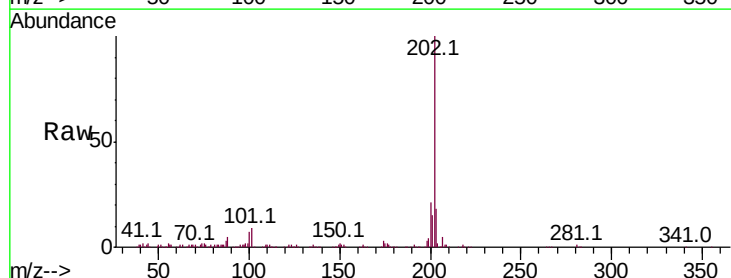
RT: 19.20 min Scan# 2756

Delta R.T. -0.01 min

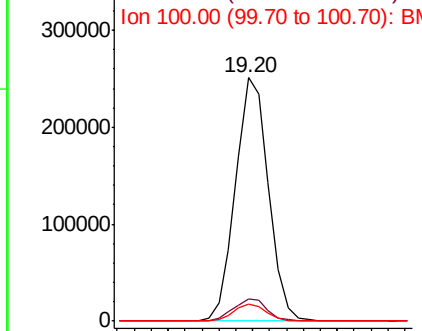
Lab File: BM021367.D

Acq: 03 Jul 2019 15:48

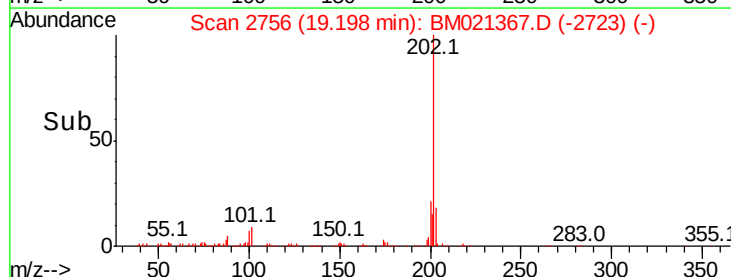
Tgt Ion:	202	Resp:	341529
Ion Ratio	Lower	Upper	
202	100		
101	9.2	6.7	10.1
100	7.0	5.5	8.3

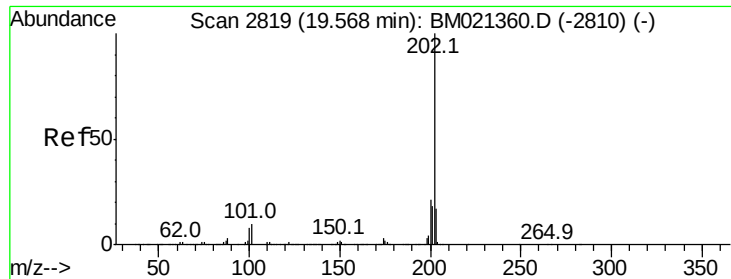


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





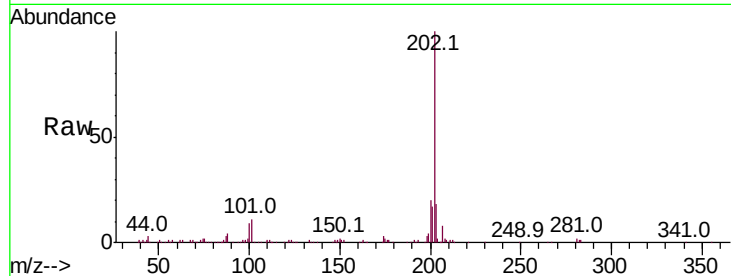
#79
Pvrene
Concen: 4.258 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM021367.D
Acq: 03 Jul 2019 15:48

Instrument :
BNA_M
ClientSampleId :
C5BE1RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	8.1	12.1
100	9.4	6.6	10.0

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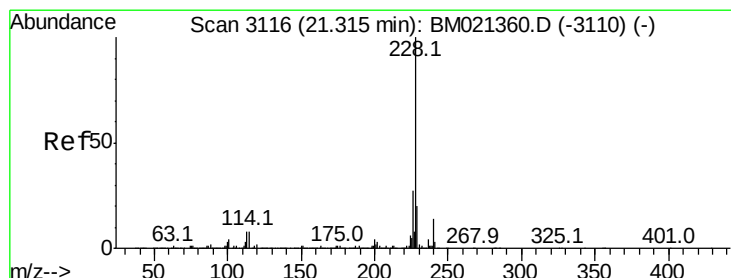
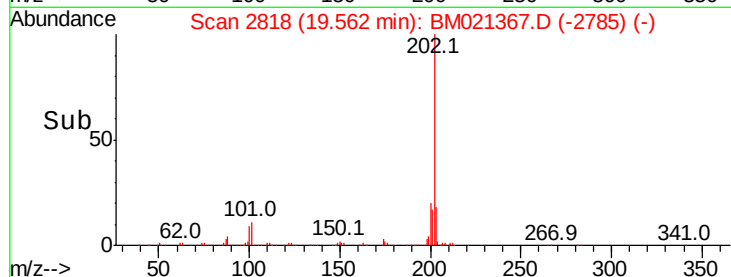
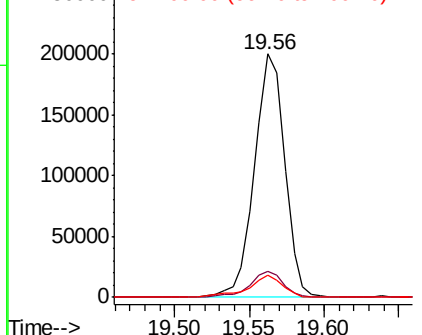


Abundance

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



#82
Benzo(a)anthracene
Concen: 2.139 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM021367.D
Acq: 03 Jul 2019 15:48

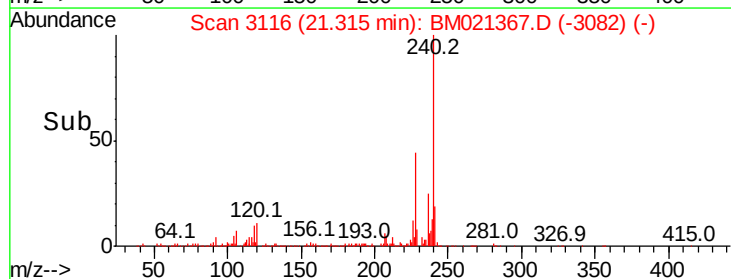
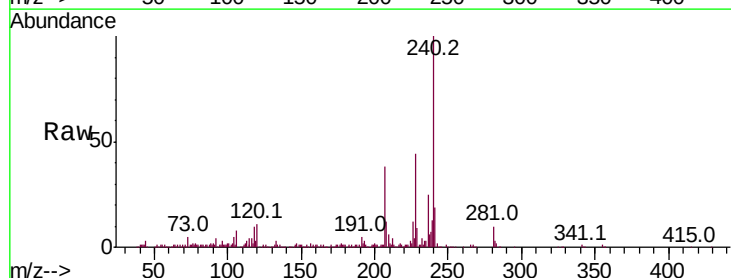
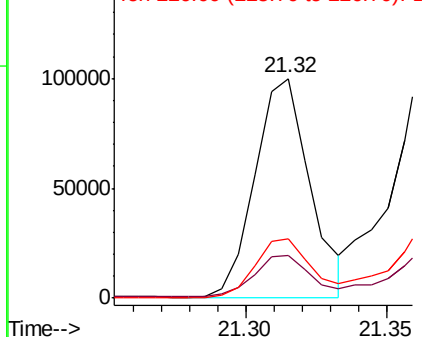
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.2	15.8	23.8
226	27.1	21.4	32.2

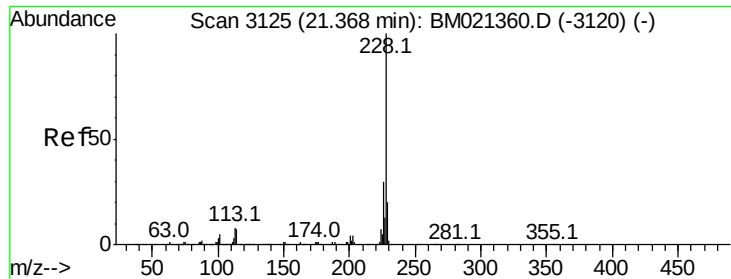
Abundance

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





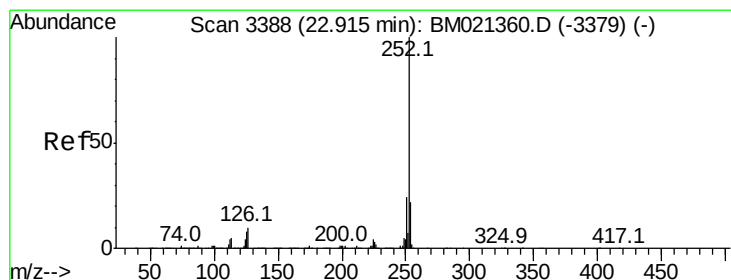
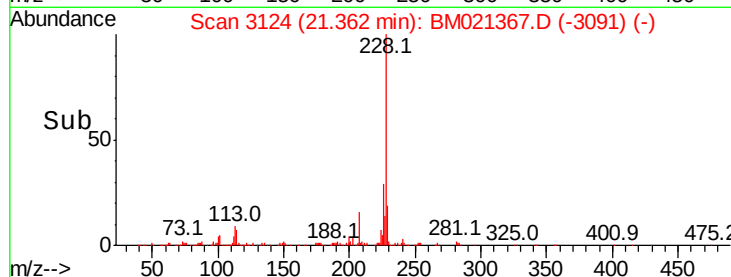
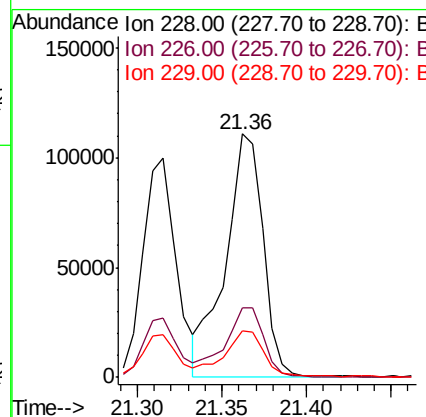
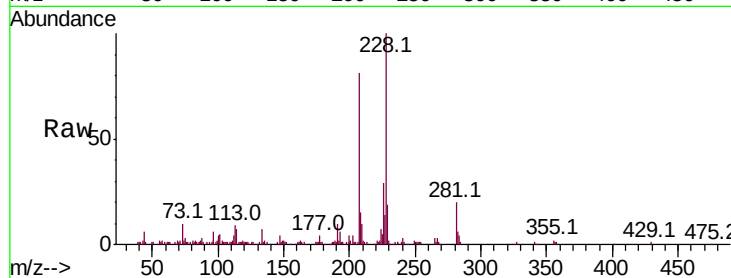
#84
Chrysene
Concen: 2.908 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM021367.D
Acq: 03 Jul 2019 15:48

Instrument :
BNA_M
ClientSampleId :
C5BE1RE

Tot Ion:	228	Resp:	172867
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.9	35.9
229	19.4	15.4	23.2

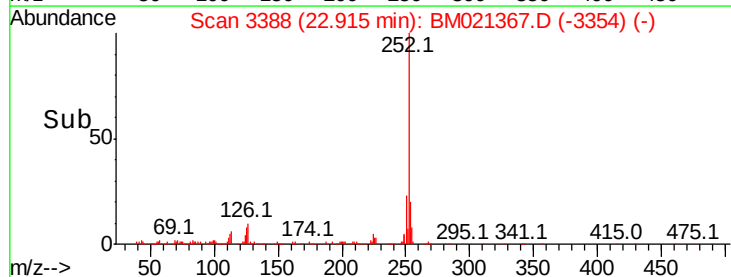
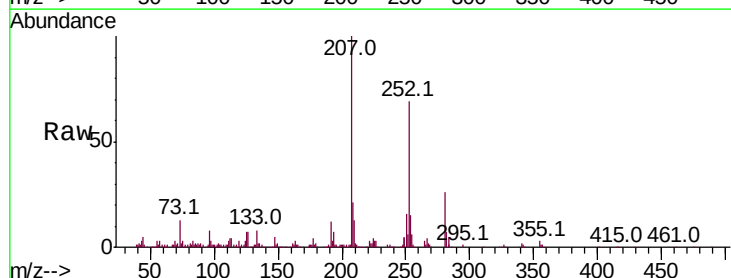
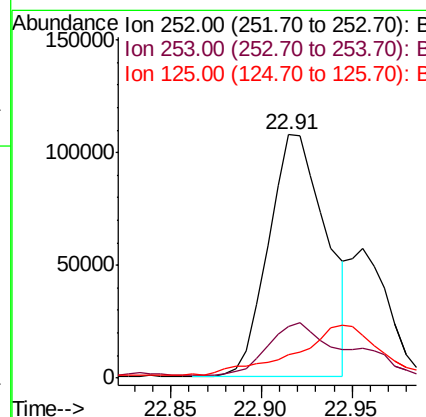
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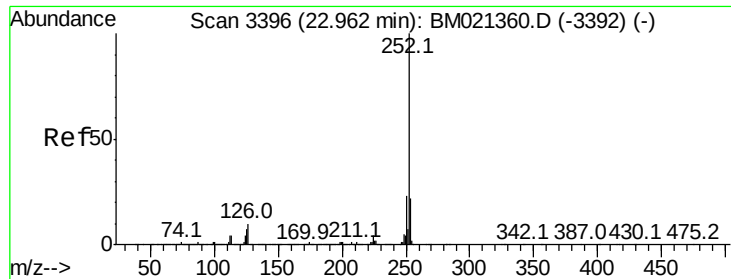
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#87
Benzo(b)fluoranthene
Concen: 3.636 ng/ul
RT: 22.91 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BM021367.D
Acq: 03 Jul 2019 15:48

Tgt Ion:	252	Resp:	237968
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	9.5	6.3	9.5#





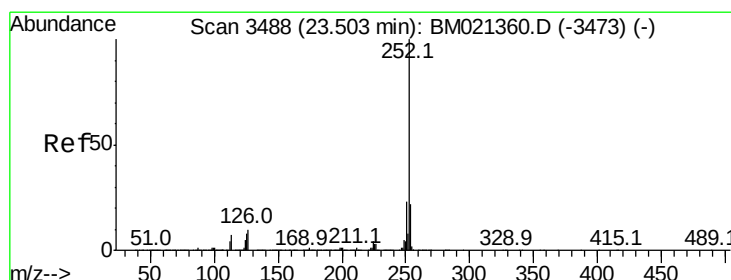
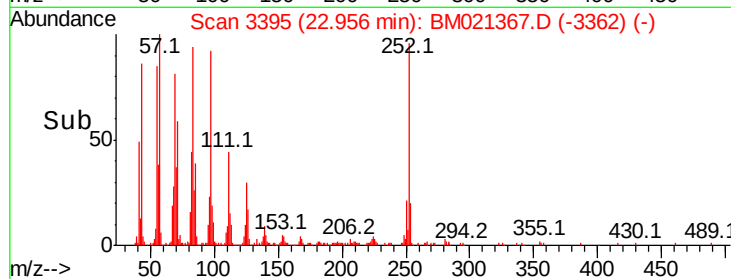
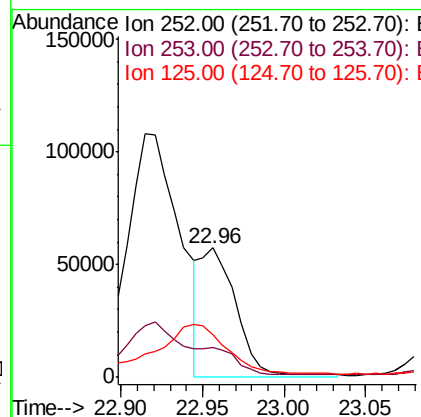
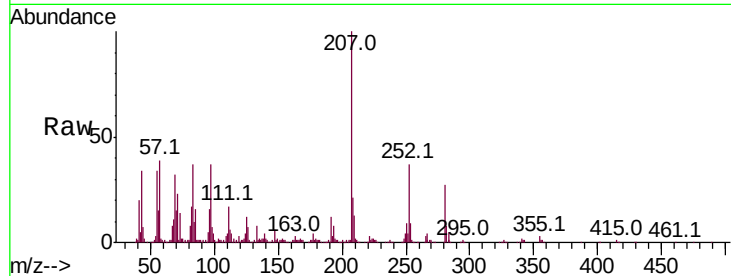
#88
Benzo(k)fluoranthene
Concen: 1.410 ng/ul m
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM021367.D
Acq: 03 Jul 2019 15:48

Instrument :
BNA_M
ClientSampleId :
C5BE1RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	33.1	6.6	9.8

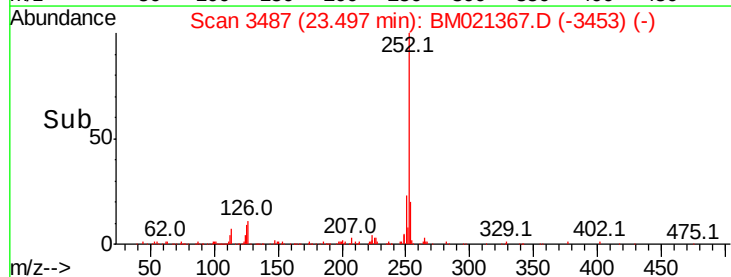
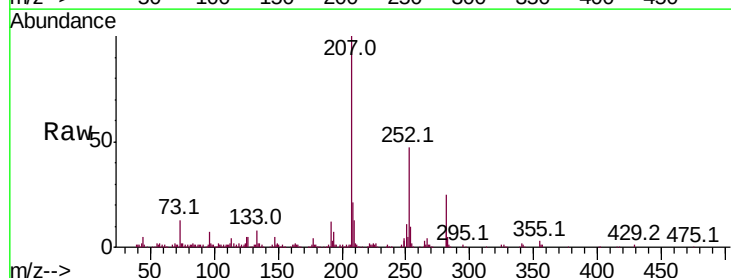
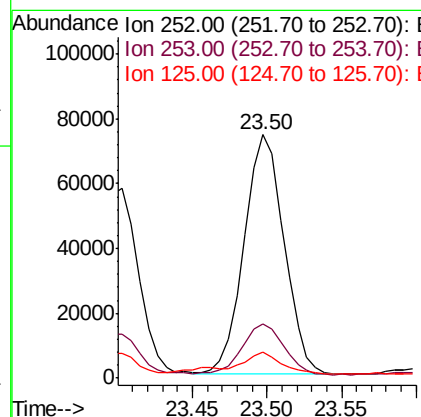
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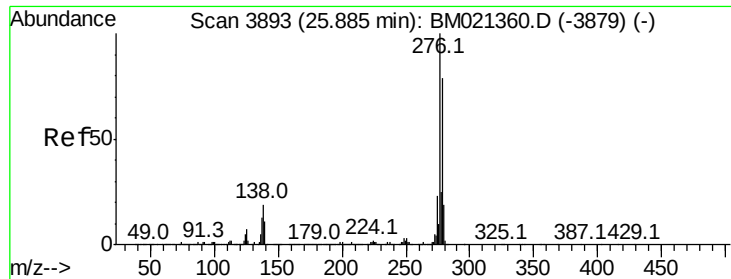
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#90
Benzo(a)pyrene
Concen: 2.231 ng/ul
RT: 23.50 min Scan# 3487
Delta R.T. -0.00 min
Lab File: BM021367.D
Acq: 03 Jul 2019 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.6	7.2	10.8





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.521 ng/ul

RT: 25.88 min Scan# 3892

Delta R.T. -0.01 min

Lab File: BM021367.D

Acq: 03 Jul 2019 15:48

Instrument :

BNA_M

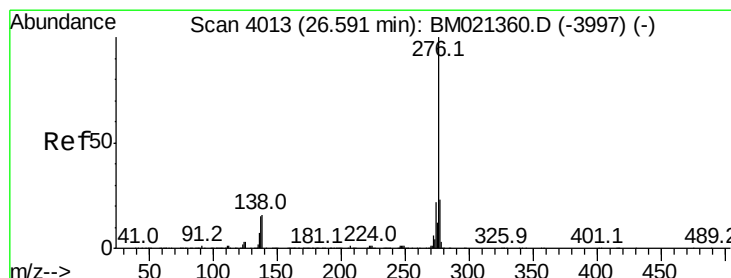
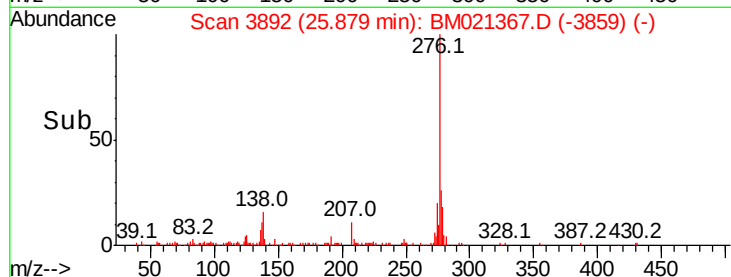
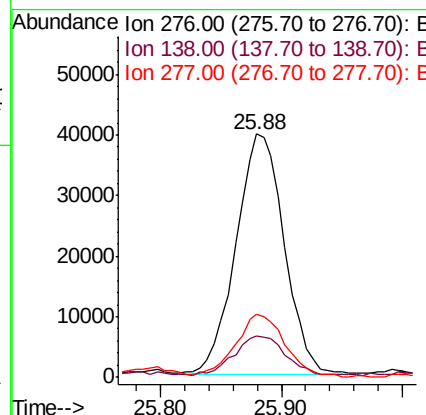
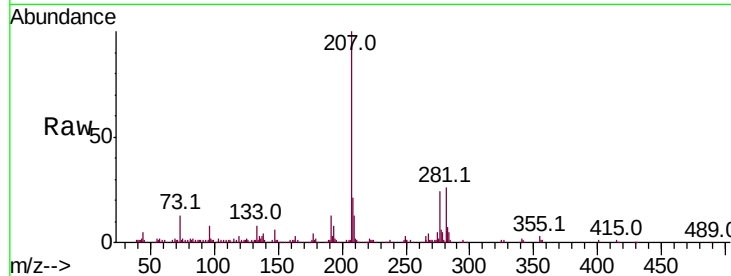
ClientSampled :

C5BE1RE

Tot Ion:	276	Resp:	110322
Ion Ratio	Lower	Upper	
276	100		
138	17.1	15.9	23.9
277	26.0	20.4	30.6

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#93

Benzo(g,h,i)perylene

Concen: 1.634 ng/ul

RT: 26.58 min Scan# 4011

Delta R.T. -0.01 min

Lab File: BM021367.D

Acq: 03 Jul 2019 15:48

Tgt Ion:	276	Resp:	97580
Ion Ratio	Lower	Upper	
276	100		
138	18.6	14.6	21.8
277	25.7	18.9	28.3

