

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023050.D
 Acq On : 08 Oct 2019 17:59
 Operator : JU
 Sample : K5056-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAF3

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:28:22 AM

Quant Time: Oct 09 05:25:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	197169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	819120	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	477640	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	933449	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	945209	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	1112624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16066	3.52	ng/uL	0.00
5) Phenol-d5	6.94	99	292717	16.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	171778	18.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	243127	17.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	201960	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	112655	17.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	118525	17.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	223534	16.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	290444	17.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	655078	17.67	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	781904	18.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	91549	12.50	ng/ul	0.00
58) Fluorene-d10	15.40	176	572795	18.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	69044	11.37	ng/ul	0.00
71) Anthracene-d10	17.25	188	828688	18.18	ng/ul	0.00
79) Pyrene-d10	19.54	212	1047708	20.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1190886	20.69	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.97	94	25050	1.372	ng/ul 95
45) Dimethylphthalate	13.87	163	186184	4.889	ng/ul 99
77) Fluoranthene	19.21	202	377757	6.029	ng/ul 98
80) Pyrene	19.57	202	398249	5.944	ng/ul 98
83) Benzo(a)anthracene	21.32	228	217452	3.204	ng/ul 99
85) Chrysene	21.37	228	174718	2.792	ng/ul 100
88) Benzo(b)fluoranthene	22.91	252	193983	2.627	ng/ul# 97
89) Benzo(k)fluoranthene	22.95	252	77372m	1.095	ng/ul
91) Benzo(a)pyrene	23.49	252	138476	1.999	ng/ul 96

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

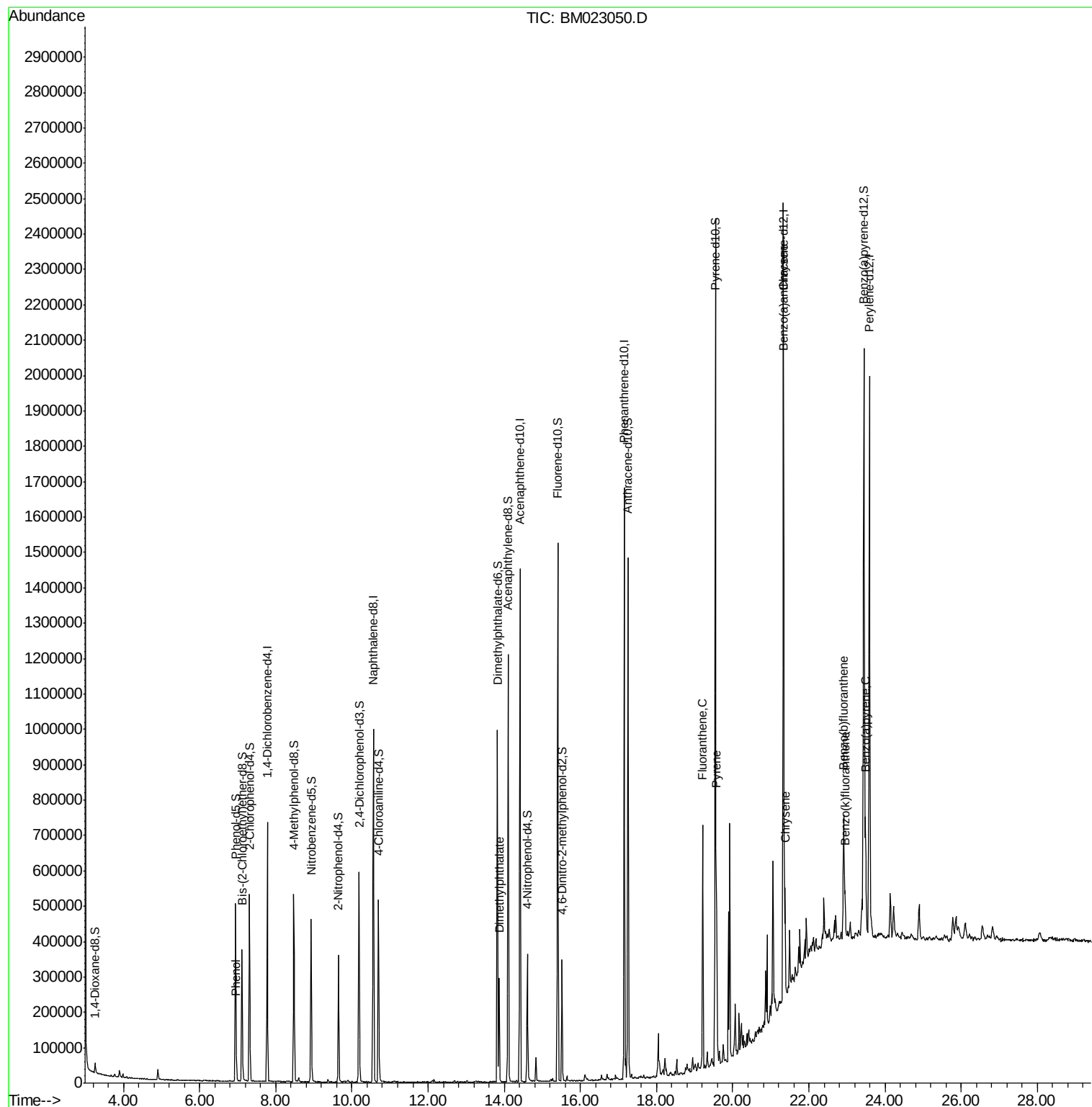
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023050.D
Acq On : 08 Oct 2019 17:59
Operator : JU
Sample : K5056-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

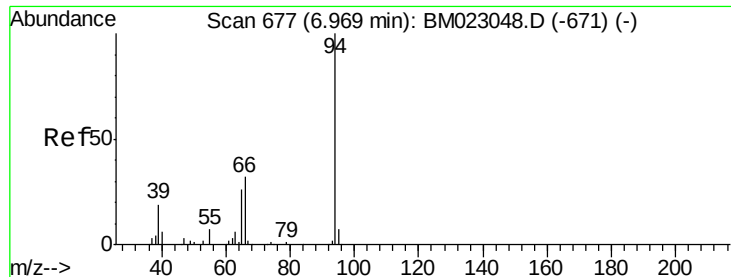
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.372 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Instrument :

BNA_M

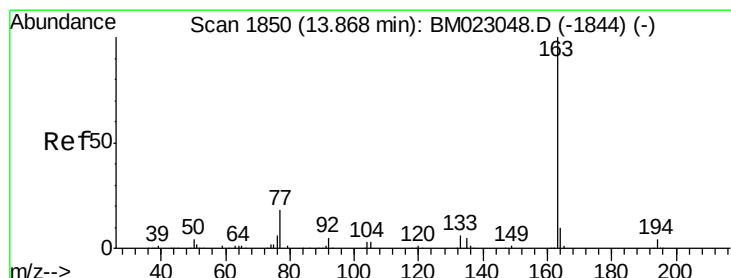
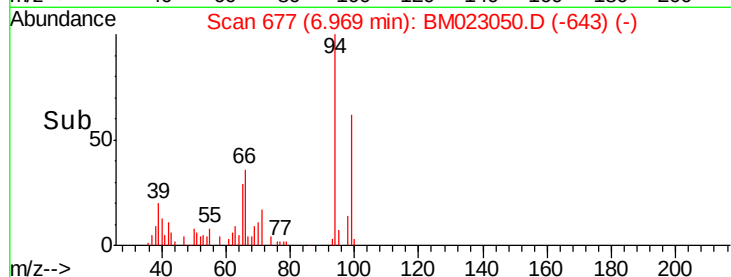
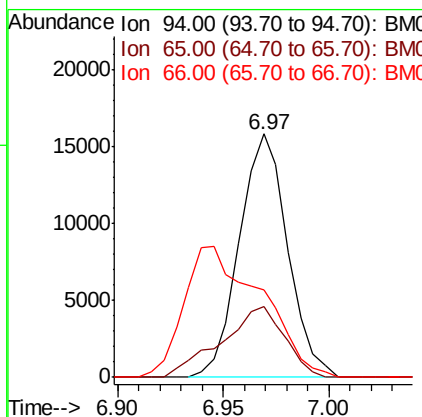
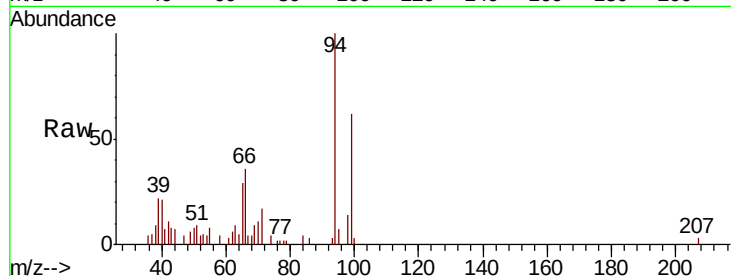
ClientSampleId :

DBAF3

Tot Ion:	94	Resp:	25050
Ion	Ratio	Lower	Upper
94	100		
65	28.9	20.9	31.3
66	36.2	27.2	40.8

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#45

Dimethylphthalate

Concen: 4.889 ng/ul

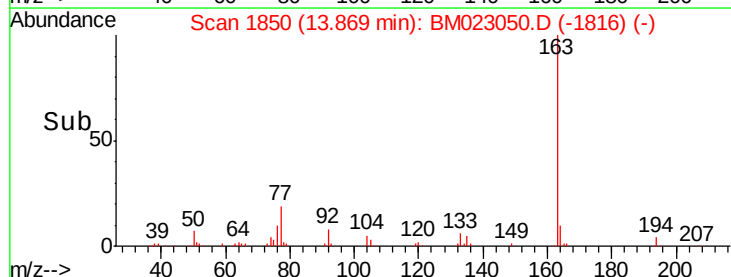
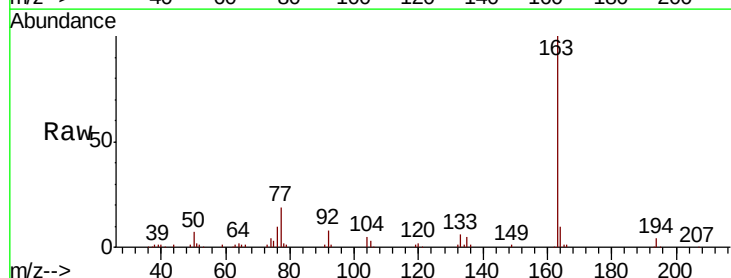
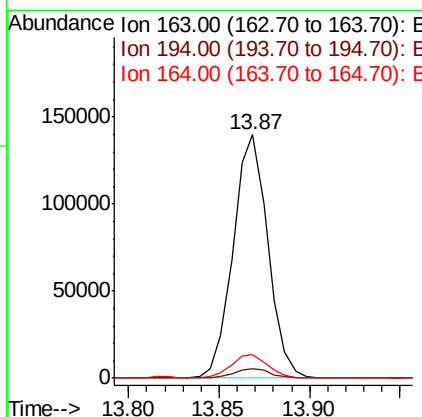
RT: 13.87 min Scan# 1850

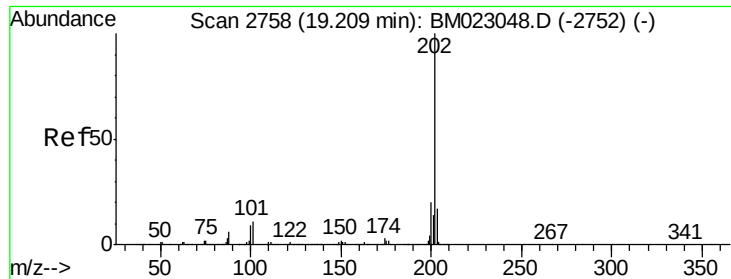
Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Tgt Ion:	163	Resp:	186184
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.1	12.1





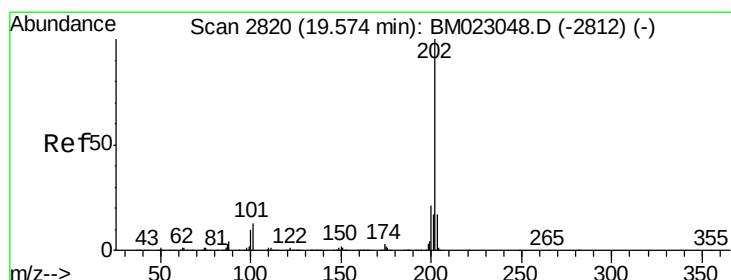
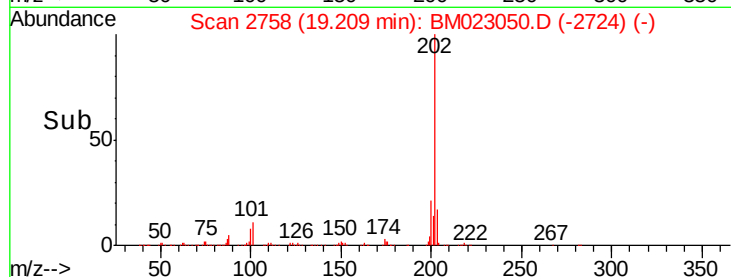
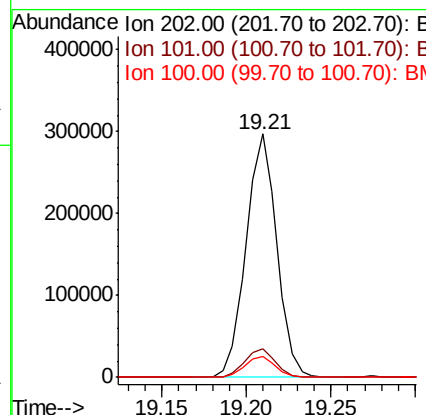
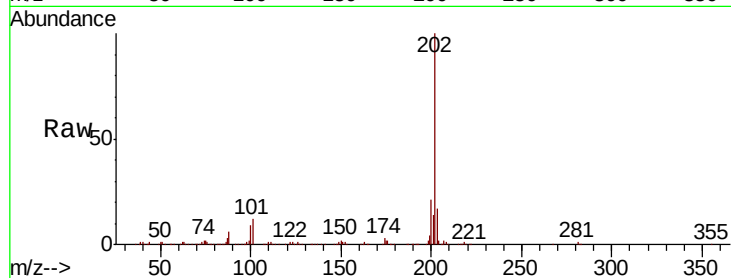
#77
Fluoranthene
 Concen: 6.029 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. -0.00 min
 Lab File: BM023050.D
 Acq: 08 Oct 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 DBAF3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	377757		
101	11.6	8.6	12.8	
100	8.5	6.4	9.6	

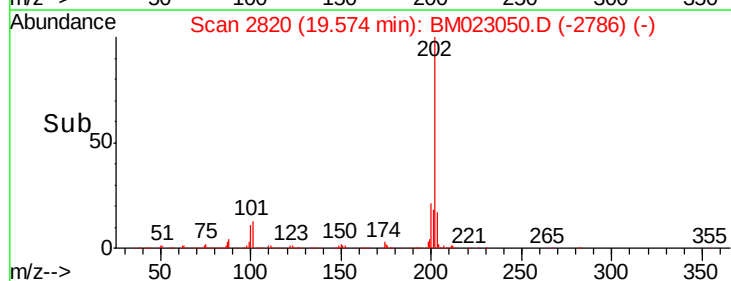
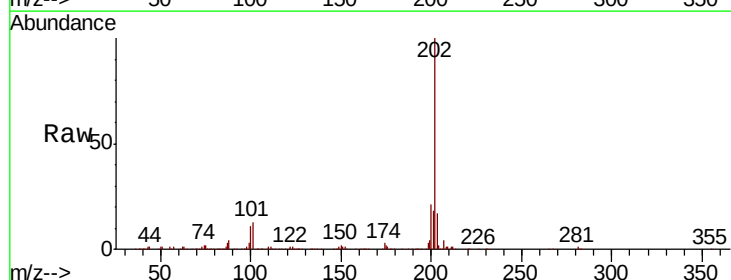
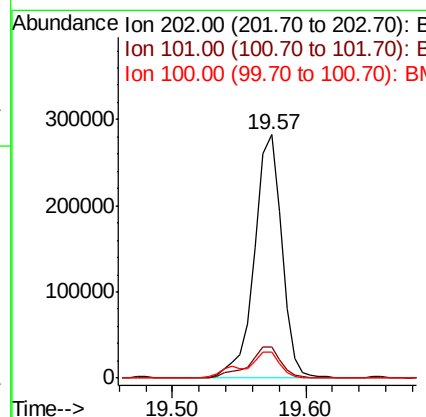
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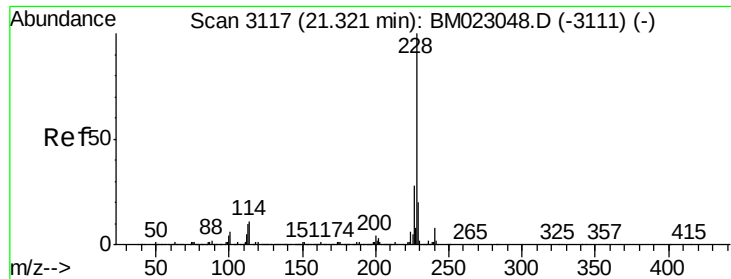
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#80
Pyrene
 Concen: 5.944 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BM023050.D
 Acq: 08 Oct 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	398249		
101	12.9	9.7	14.5	
100	10.8	7.8	11.8	





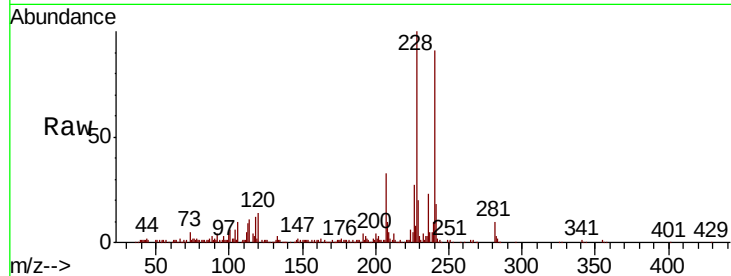
#83
Benzo(a)anthracene
Concen: 3.204 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM023050.D
Acq: 08 Oct 2019 17:59

Instrument :
BNA_M
ClientSampleId :
DBAF3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.2	22.4	33.6

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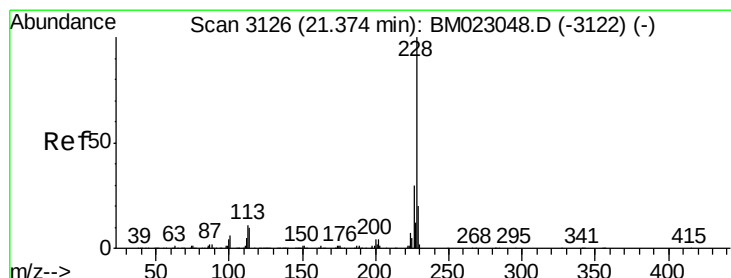
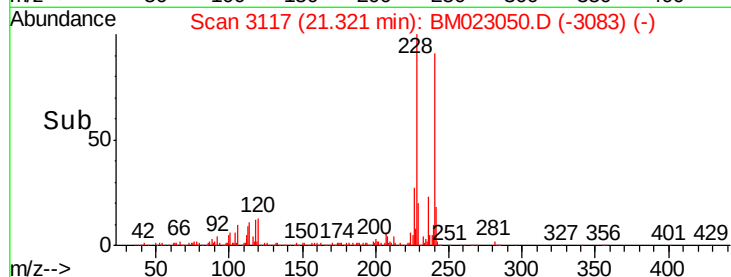
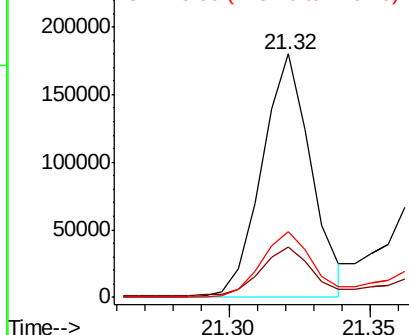


Abundance

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: 2.792 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM023050.D
Acq: 08 Oct 2019 17:59

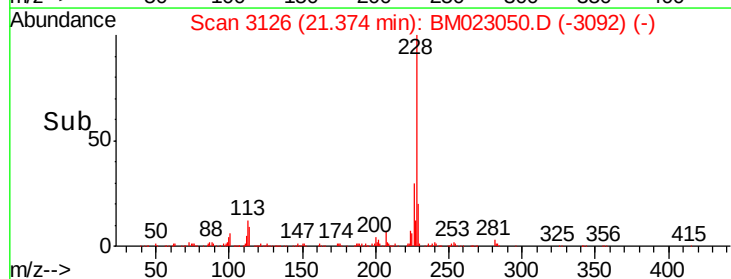
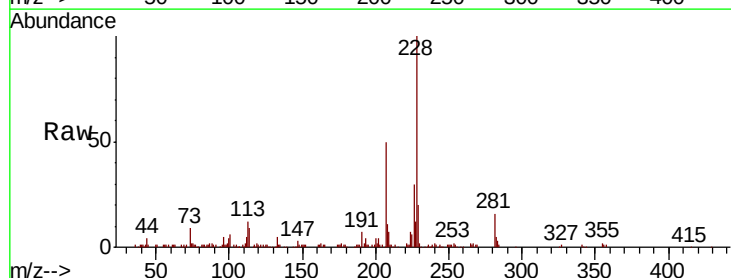
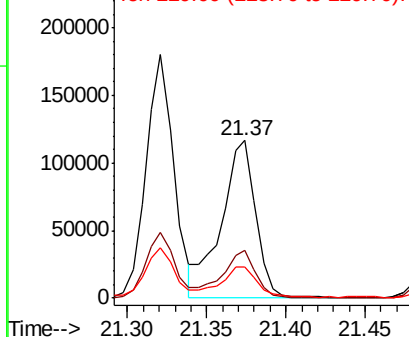
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	20.0	15.9	23.9

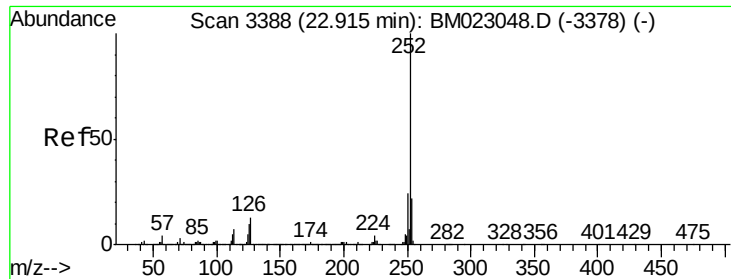
Abundance

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





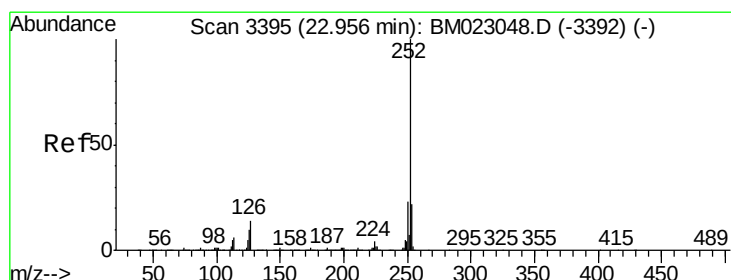
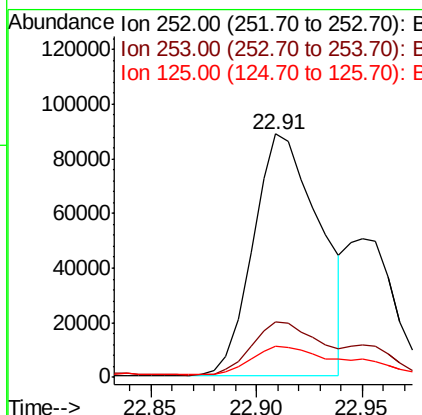
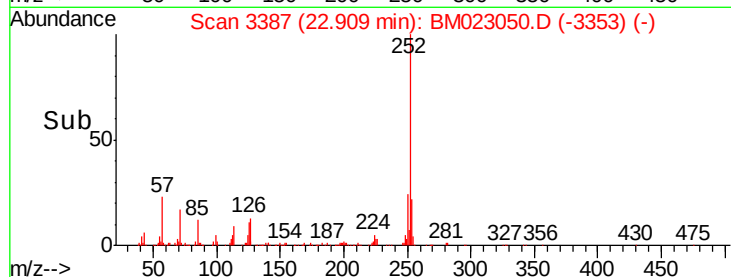
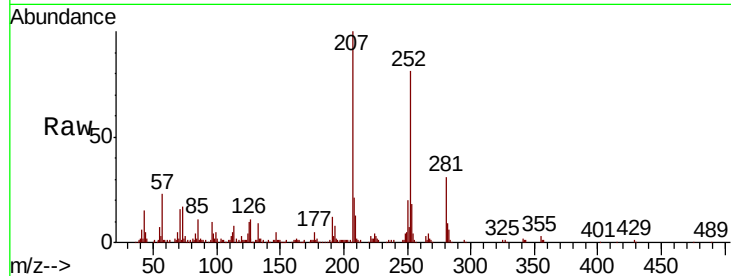
#88
Benzo(b)fluoranthene
Concen: 2.627 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM023050.D
Acq: 08 Oct 2019 17:59

Instrument :
BNA_M
ClientSampleId :
DBAF3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.7	8.2	12.2#

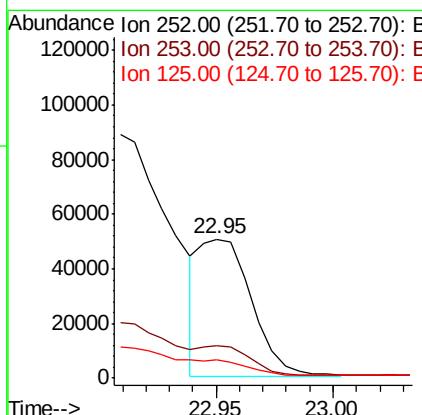
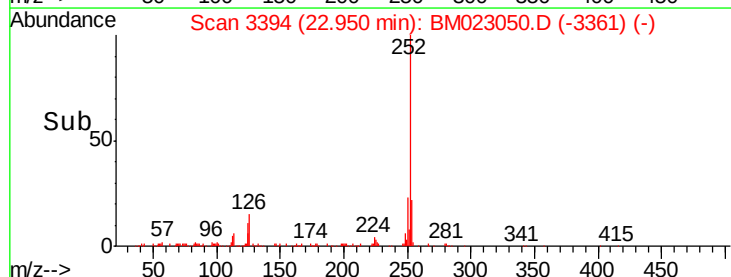
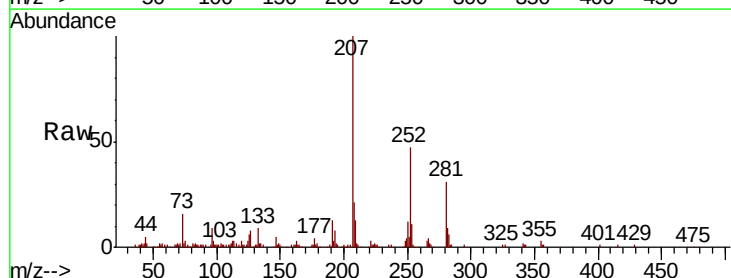
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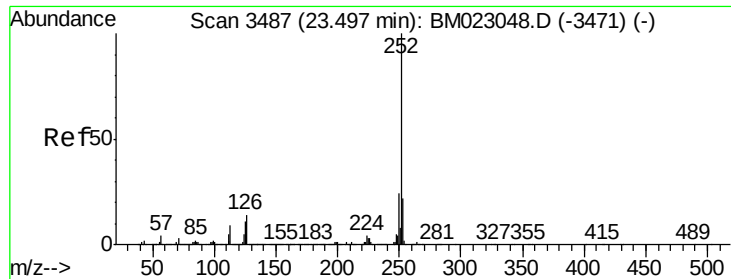
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#89
Benzo(k)fluoranthene
Concen: 1.095 ng/ul m
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM023050.D
Acq: 08 Oct 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	12.9	7.9	11.9#





#91

Benzo(a)pyrene

Concen: 1.999 ng/ul

RT: 23.49 min Scan# 3486

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Instrument :

BNA_M

ClientSampleId :

DBAF3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.6	26.4
125	12.8	8.7	13.1

Manual Integrations
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