

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
 Data File : BM023336.D
 Acq On : 23 Oct 2019 01:31
 Operator : JU
 Sample : K5354-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB82

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:09:11 AM

Quant Time: Oct 23 04:36:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 04:28:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	405970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1685553	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1073969	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2224576	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2262543	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2728018	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	30604	3.32	ng/uL	0.00
5) Phenol-d5	6.82	99	613550	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	349698	17.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	504804	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	479933	16.90	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	243134	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	273053	25.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	511568	18.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	625692	18.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1608873	19.55	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1879311	19.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	192806	14.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	1399729	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	157627	17.87	ng/ul	0.00
71) Anthracene-d10	17.14	188	2177111	20.30	ng/ul	0.00
79) Pyrene-d10	19.43	212	2455292	22.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2907753	21.03	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.85	94	65583	1.799	ng/ul	96
45) Dimethylphthalate	13.76	163	694478	8.431	ng/ul	99
48) Acenaphthylene	14.01	152	113201	1.147	ng/ul	97
70) Phenanthrene	17.08	178	240156	1.924	ng/ul	98
72) Anthracene	17.17	178	190674	1.478	ng/ul	99
77) Fluoranthene	19.10	202	780365	5.256	ng/ul	98
80) Pyrene	19.46	202	723373	5.104	ng/ul	97
83) Benzo(a)anthracene	21.22	228	826912m	5.394	ng/ul	
85) Chrysene	21.26	228	893302	6.275	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	1271845	7.689	ng/ul	97
89) Benzo(k)fluoranthene	22.82	252	469576m	2.957	ng/ul	
91) Benzo(a)pyrene	23.34	252	947901	5.973	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.64	276	686605	3.637	ng/ul	98
93) Dibenzo(a,h)anthracene	25.64	278	195073	1.236	ng/ul	93
94) Benzo(g,h,i)perylene	26.32	276	631329	4.062	ng/ul	97

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

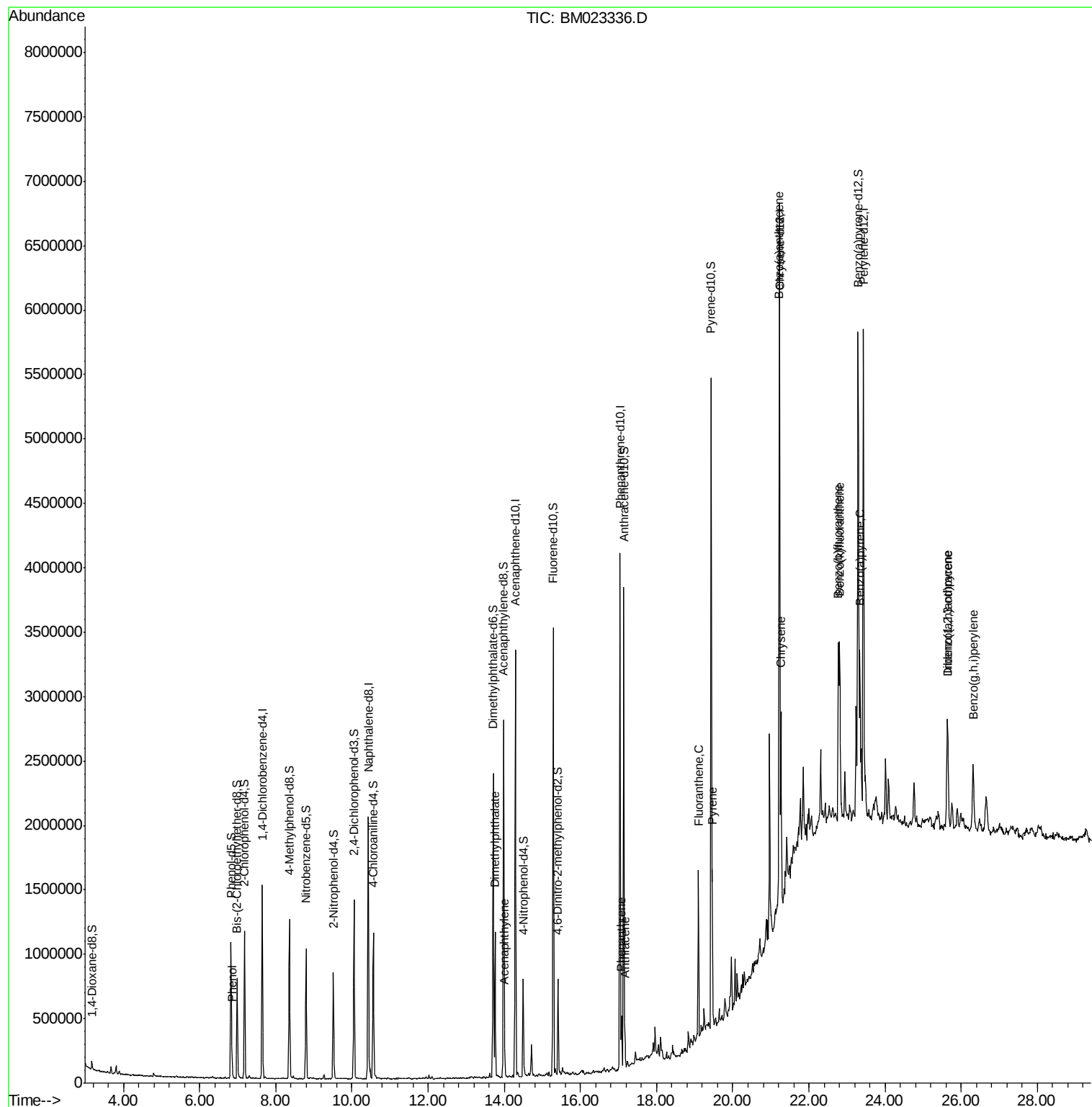
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023336.D
Acq On : 23 Oct 2019 01:31
Operator : JU
Sample : K5354-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

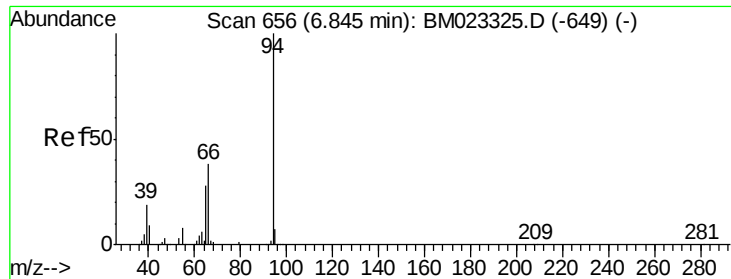
Instrument :
BNA_M
ClientSampleId :
BFB82

Quant Time: Oct 23 04:36:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 04:28:20 2019
Response via : Initial Calibration

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#6

Phenol

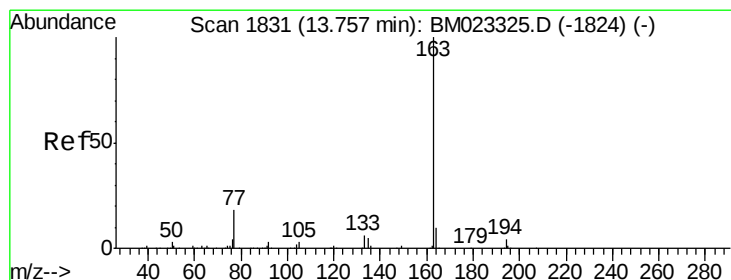
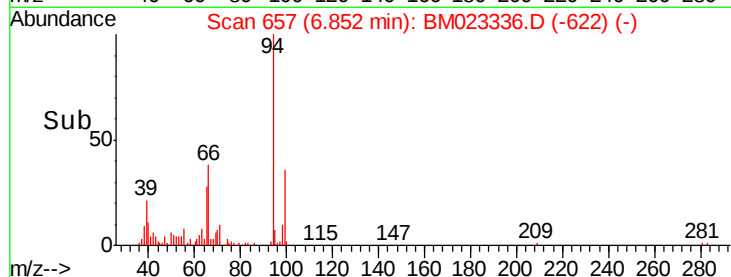
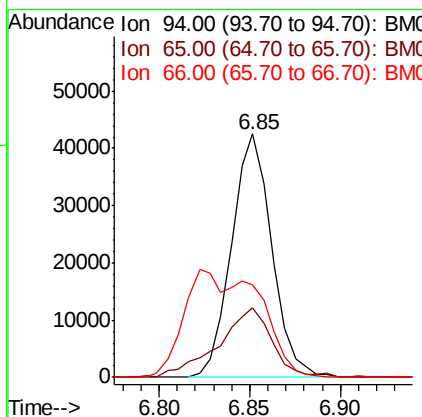
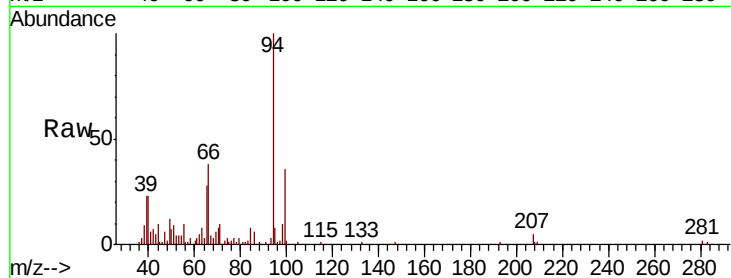
Concen: 1.799 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BM023336.D
 Acq: 23 Oct 2019 01:31

Instrument :
 BNA_M
 ClientSampleId :
 BFB82

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.5	23.2	34.8
66	37.8	32.9	49.3

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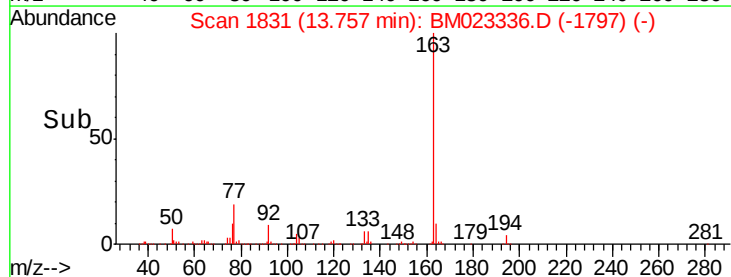
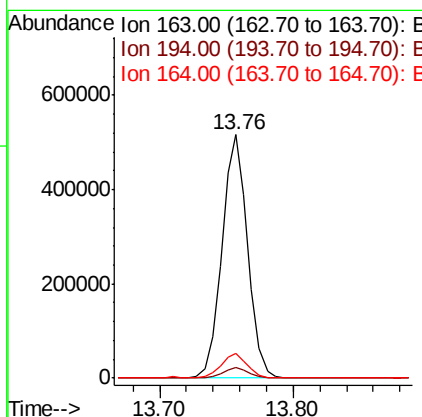
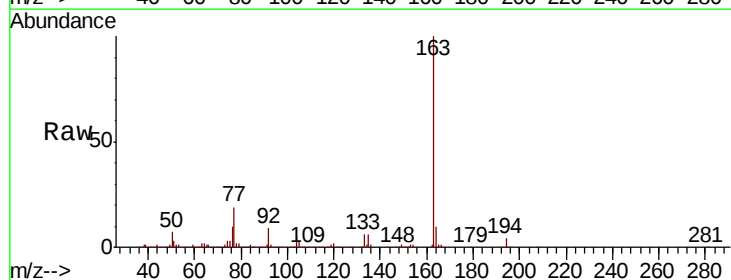


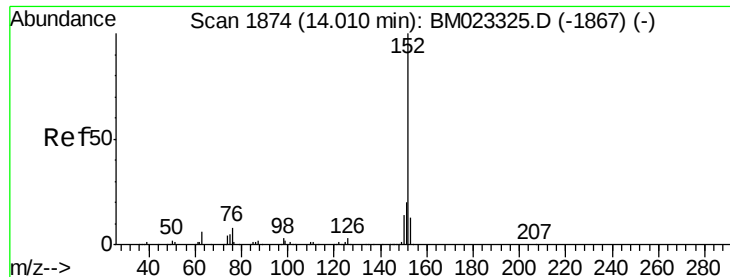
#45

Dimethylphthalate

Concen: 8.431 ng/ul
 RT: 13.76 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BM023336.D
 Acq: 23 Oct 2019 01:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	7.8	11.6





#48

Acenaphthylene

Concen: 1.147 ng/ul

RT: 14.01 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

BNA_M

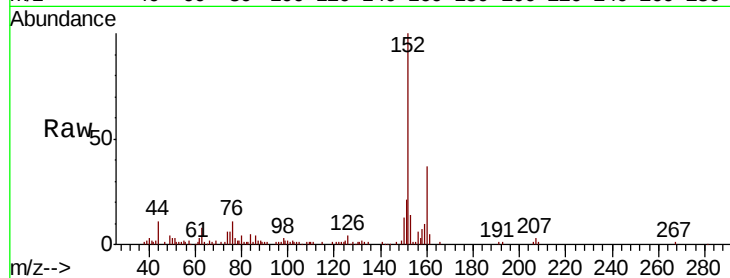
ClientSampleId :

BFB82

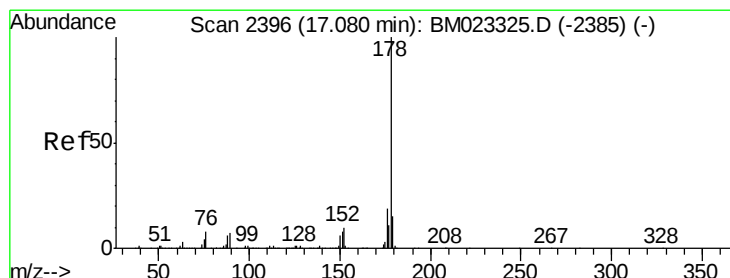
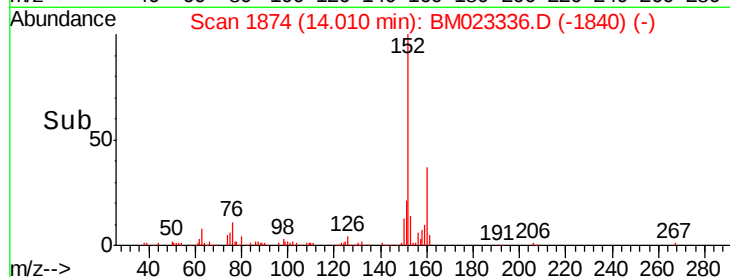
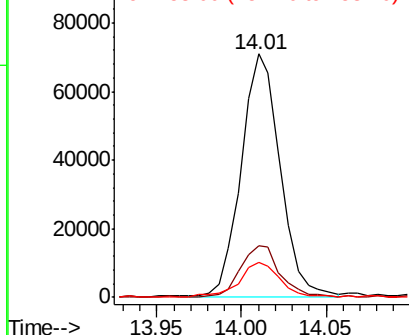
Tot Ion:	152	Resp:	113201
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.9	23.9
153	14.5	10.3	15.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 1.924 ng/ul

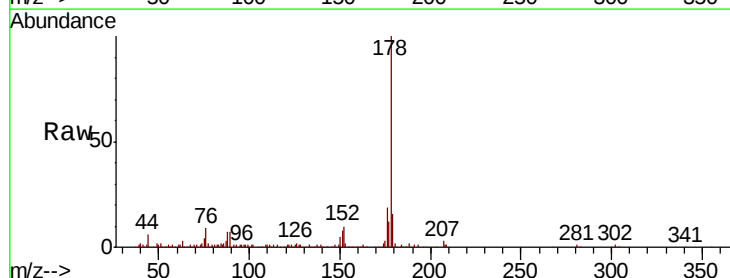
RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

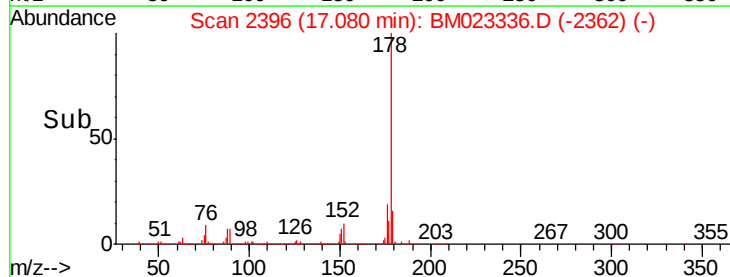
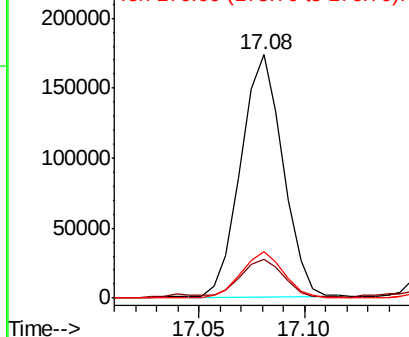
Lab File: BM023336.D

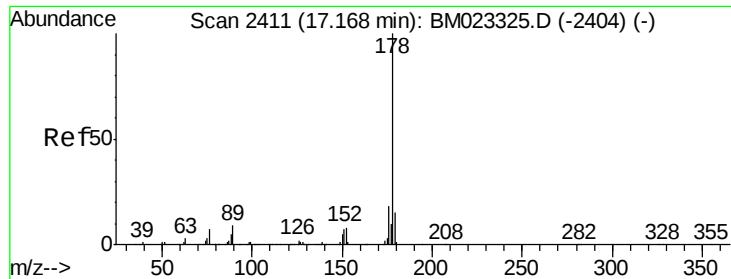
Acq: 23 Oct 2019 01:31

Tgt Ion:	178	Resp:	240156
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.7	17.5
176	19.0	15.0	22.4



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: 1.478 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

BNA_M

ClientSampleId :

BFB82

Tot Ion:178 Resp: 190674

Ion Ratio Lower Upper

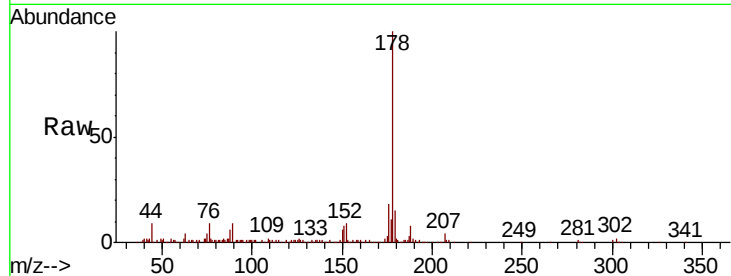
178 100

179 15.3 12.5 18.7

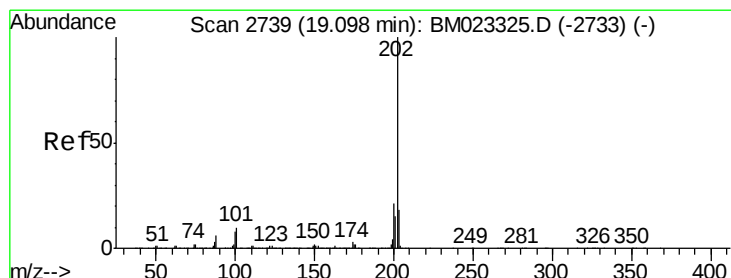
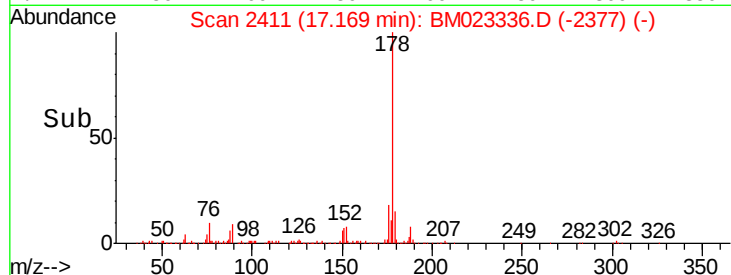
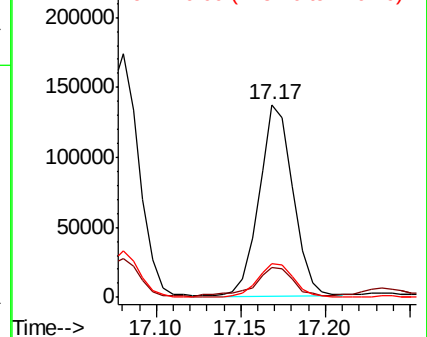
176 17.7 14.8 22.2

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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



#77

Fluoranthene

Concen: 5.256 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. 0.01 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

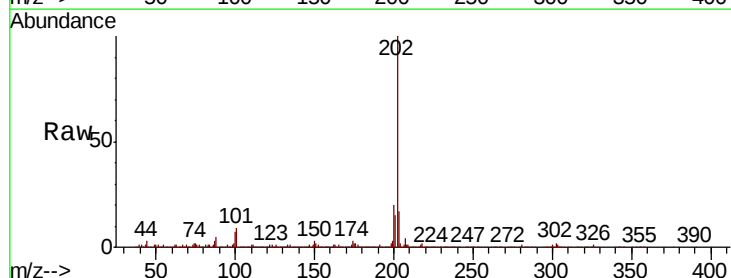
Tgt Ion:202 Resp: 780365

Ion Ratio Lower Upper

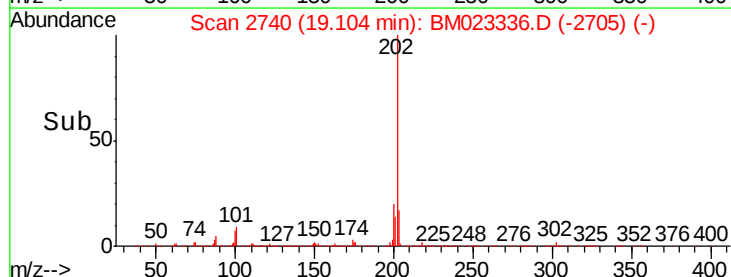
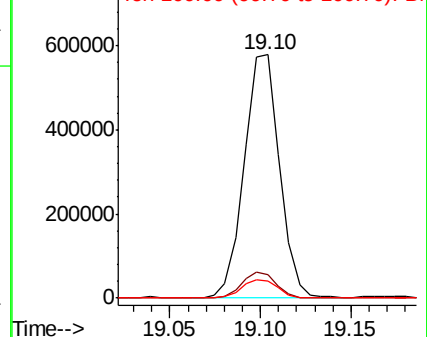
202 100

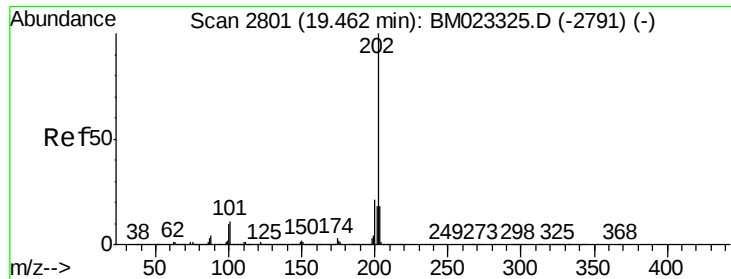
101 9.5 8.2 12.4

100 7.1 6.1 9.1



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): E





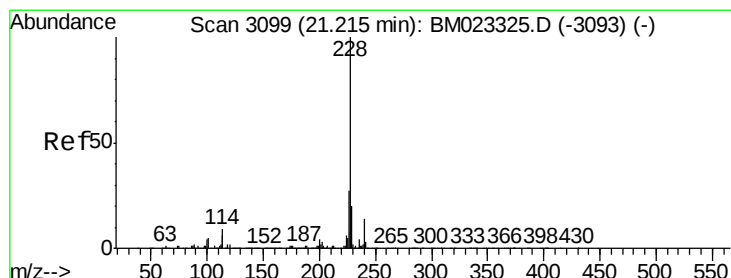
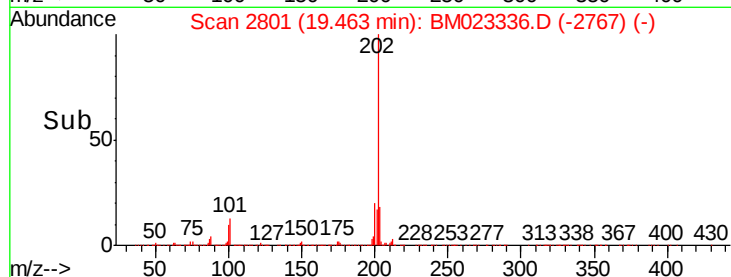
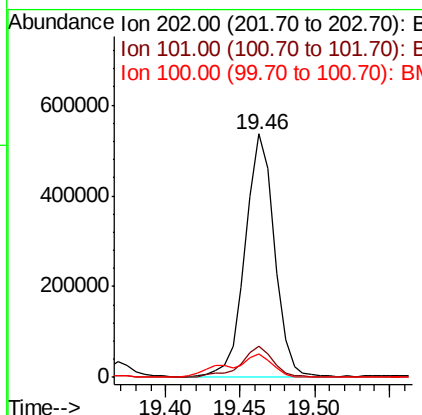
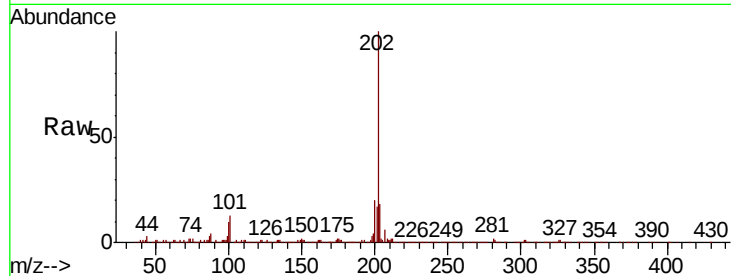
#80
Pvrene
Concen: 5.104 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Instrument :
BNA_M
ClientSampleId :
BFB82

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	9.0	13.6
100	9.9	7.5	11.3

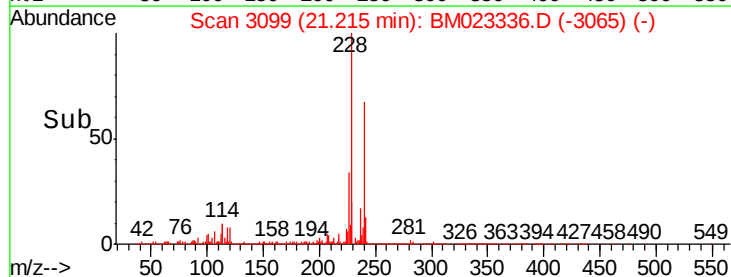
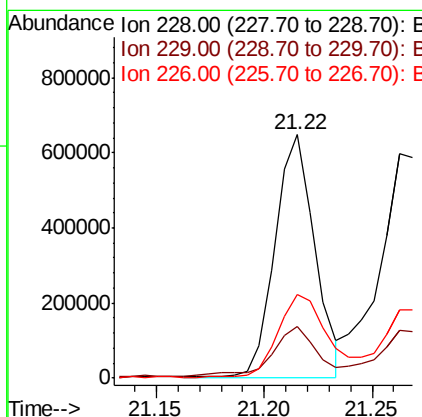
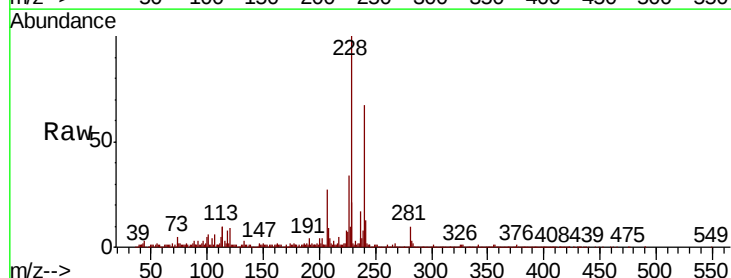
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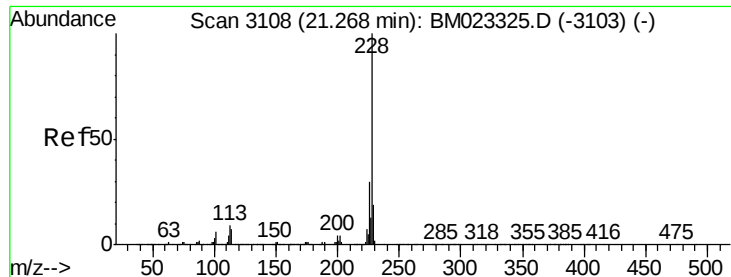
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#83
Benzo(a)anthracene
Concen: 5.394 ng/ul m
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	15.8	23.8
226	34.3	21.5	32.3#





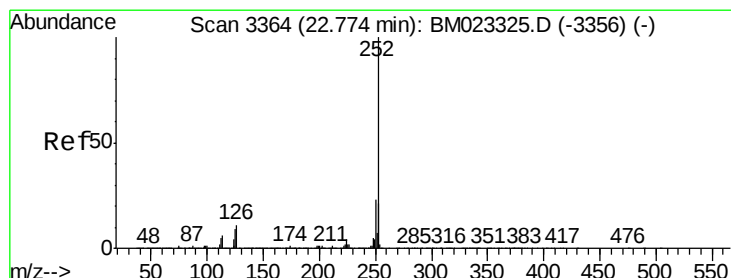
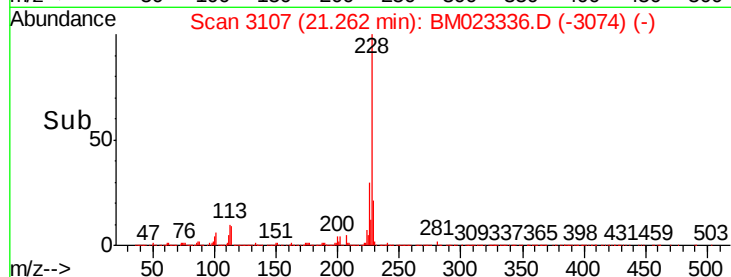
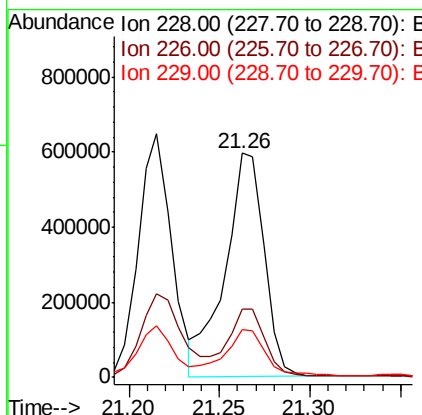
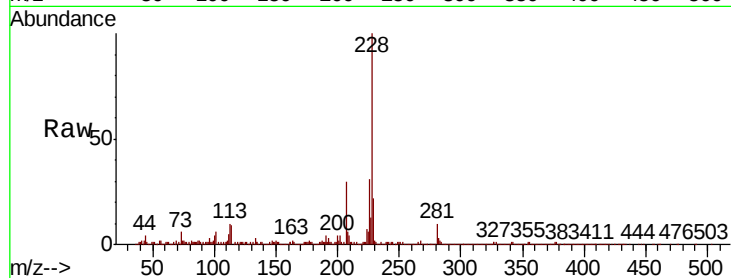
#85
Chrysene
Concen: 6.275 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Instrument :
BNA_M
ClientSampleId :
BFB82

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	21.6	15.5	23.3

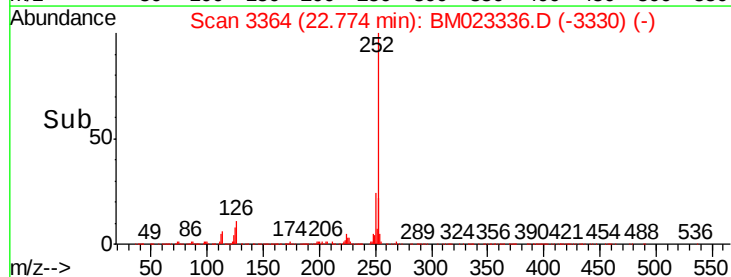
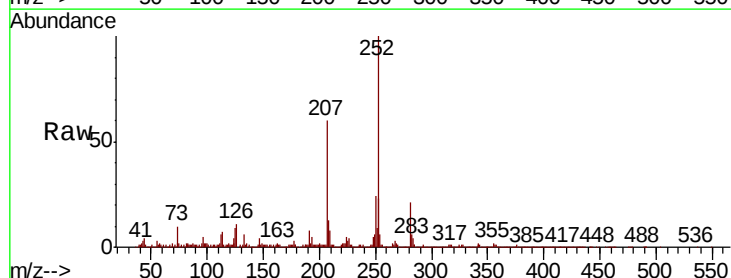
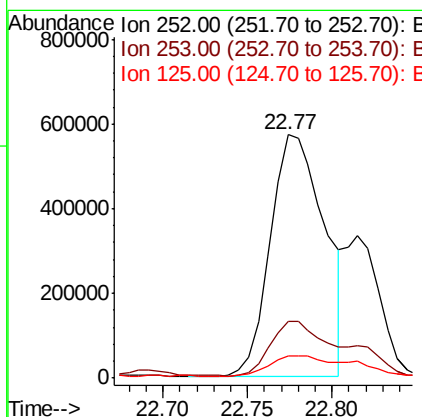
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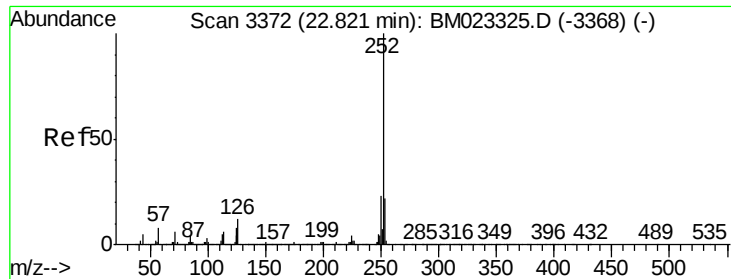
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#88
Benzo(b)fluoranthene
Concen: 7.689 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	9.4	7.0	10.4





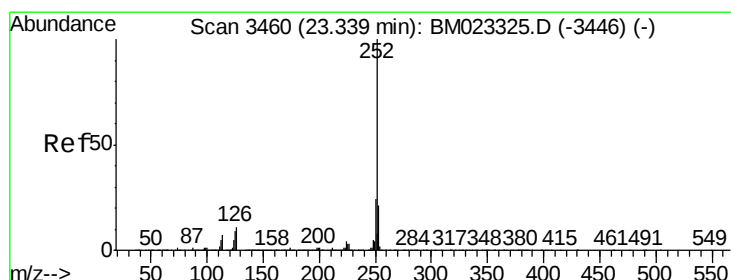
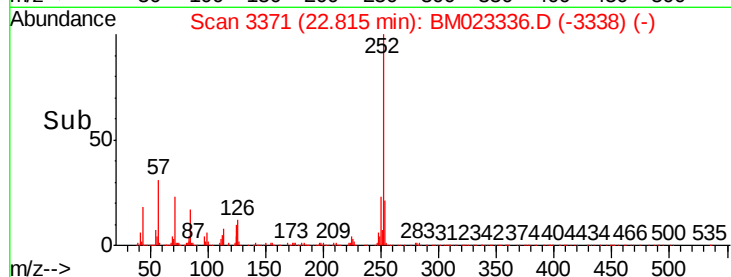
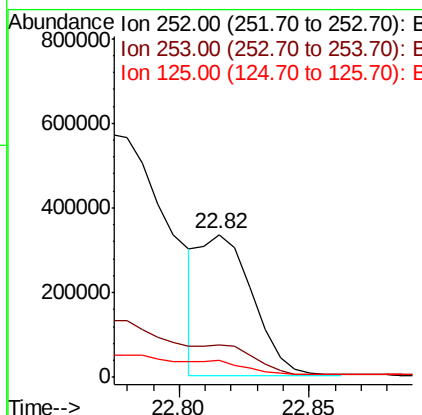
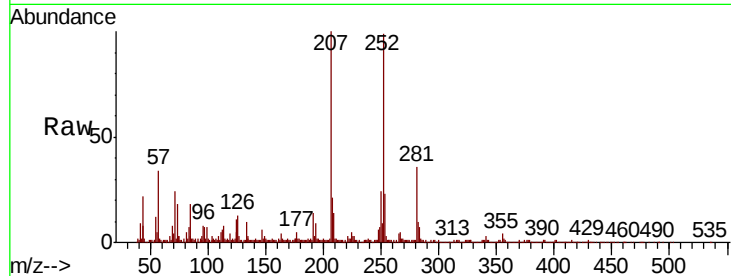
#89
Benzo(k)fluoranthene
Concen: 2.957 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Instrument :
BNA_M
ClientSampleId :
BFB82

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.6	6.6	9.8

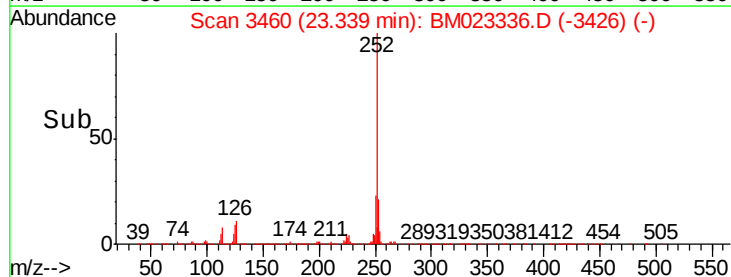
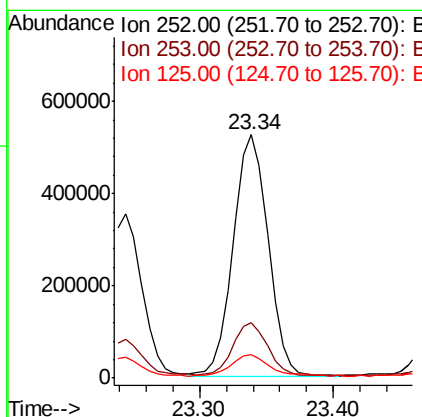
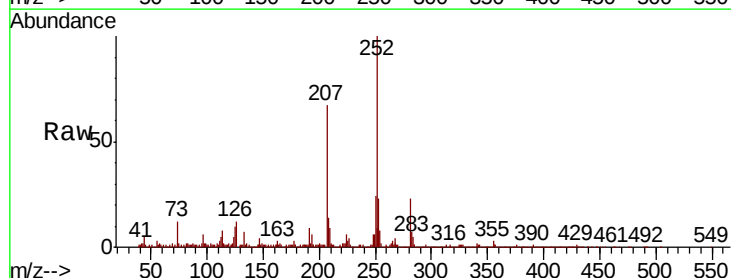
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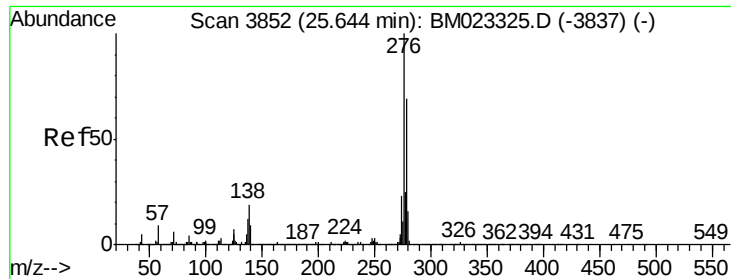
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#91
Benzo(a)pyrene
Concen: 5.973 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	9.7	7.1	10.7





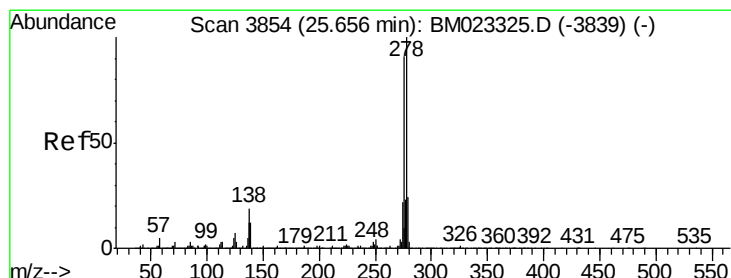
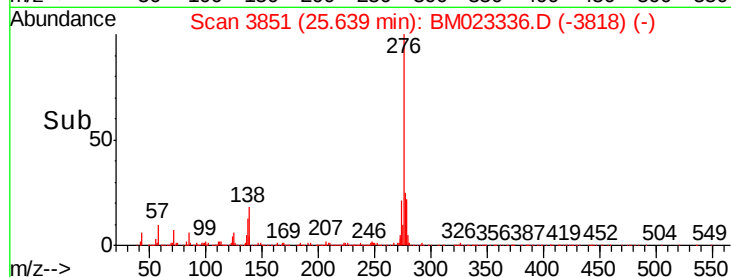
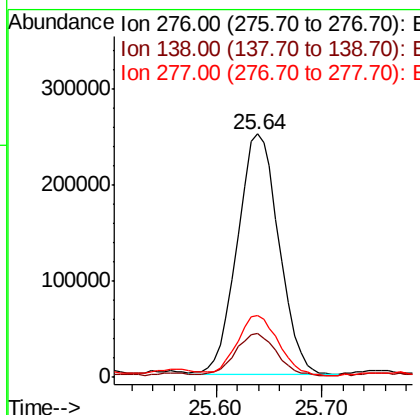
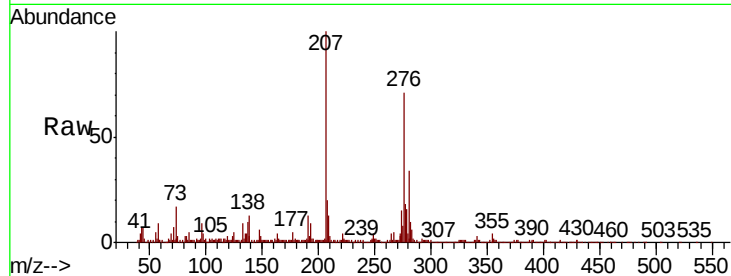
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.637 ng/ul
 RT: 25.64 min Scan# 3851
 Delta R.T. -0.01 min
 Lab File: BM023336.D
 Acq: 23 Oct 2019 01:31

Instrument :
 BNA_M
 ClientSampleId :
 BFB82

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.8	23.6
277	25.6	19.8	29.8

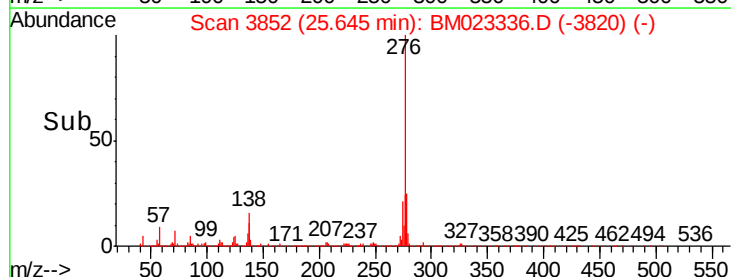
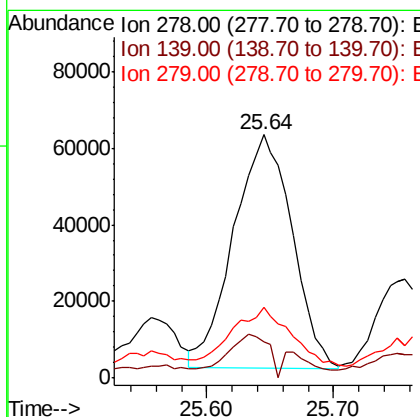
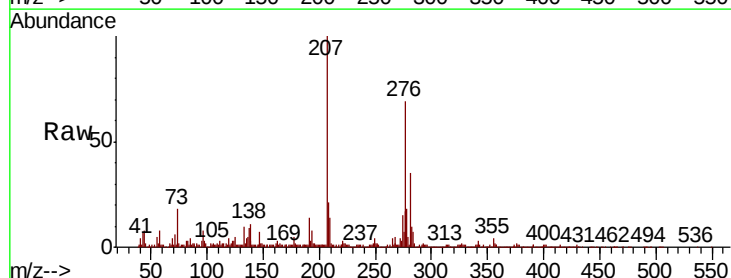
Manual Integrations
 APPROVED

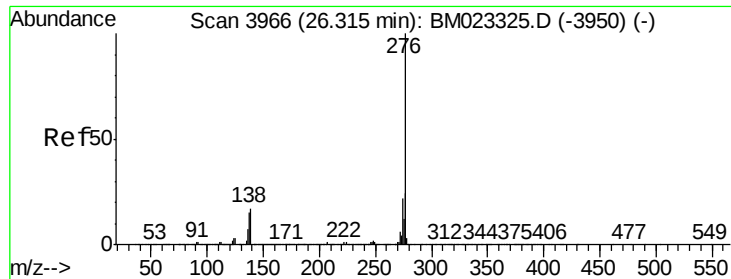
mohammad
 10/24/2019 8:09:11 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.236 ng/ul
 RT: 25.64 min Scan# 3852
 Delta R.T. -0.01 min
 Lab File: BM023336.D
 Acq: 23 Oct 2019 01:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.5	15.7
279	29.0	19.7	29.5





#94

Benzo(a,h,i)perylene

Concen: 4.062 ng/ul

RT: 26.32 min Scan# 3966

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

BNA_M

ClientSampleId :

BFB82

Tot Ion:	276	Resp:	631329
Ion Ratio	Lower	Upper	
276	100		
138	17.9	13.9	20.9
277	25.7	18.7	28.1

Manual Integrations
APPROVED

mohammad
10/24/2019 8:09:11 AM

