

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
 Data File : BM023337.D
 Acq On : 23 Oct 2019 02:07
 Operator : JU
 Sample : K5354-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB83

Manual Integrations
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mohammad
 10/24/2019 8:09:15 AM

Quant Time: Oct 23 04:38:49 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	431199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1716366	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1051731	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2192134	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2265964	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2733862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	34604	3.53	ng/uL	0.00
5) Phenol-d5	6.82	99	641080	17.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	378516	17.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	535564	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	487396	16.16	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	257396	22.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	279508	25.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	525483	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	513800	15.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1569517	19.47	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1887459	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	183636	14.07	ng/ul	0.00
58) Fluorene-d10	15.29	176	1386936	20.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	147071	16.92	ng/ul	0.00
71) Anthracene-d10	17.14	188	2134053	20.19	ng/ul	0.00
79) Pyrene-d10	19.43	212	2425529	22.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2930041	21.14	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	63763	1.646 ng/ul	97
45) Dimethylphthalate	13.76	163	544240	6.746 ng/ul	99
70) Phenanthrene	17.08	178	142786	1.161 ng/ul	98
77) Fluoranthene	19.10	202	478425	3.270 ng/ul	100
80) Pyrene	19.46	202	449499	3.167 ng/ul	98
83) Benzo(a)anthracene	21.22	228	466390m	3.038 ng/ul	
85) Chrysene	21.26	228	517136	3.627 ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	787558	4.751 ng/ul	97
89) Benzo(k)fluoranthene	22.82	252	279984m	1.759 ng/ul	
91) Benzo(a)pyrene	23.33	252	585868	3.684 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.64	276	449235	2.375 ng/ul	96
94) Benzo(g,h,i)perylene	26.31	276	428613	2.752 ng/ul	99

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

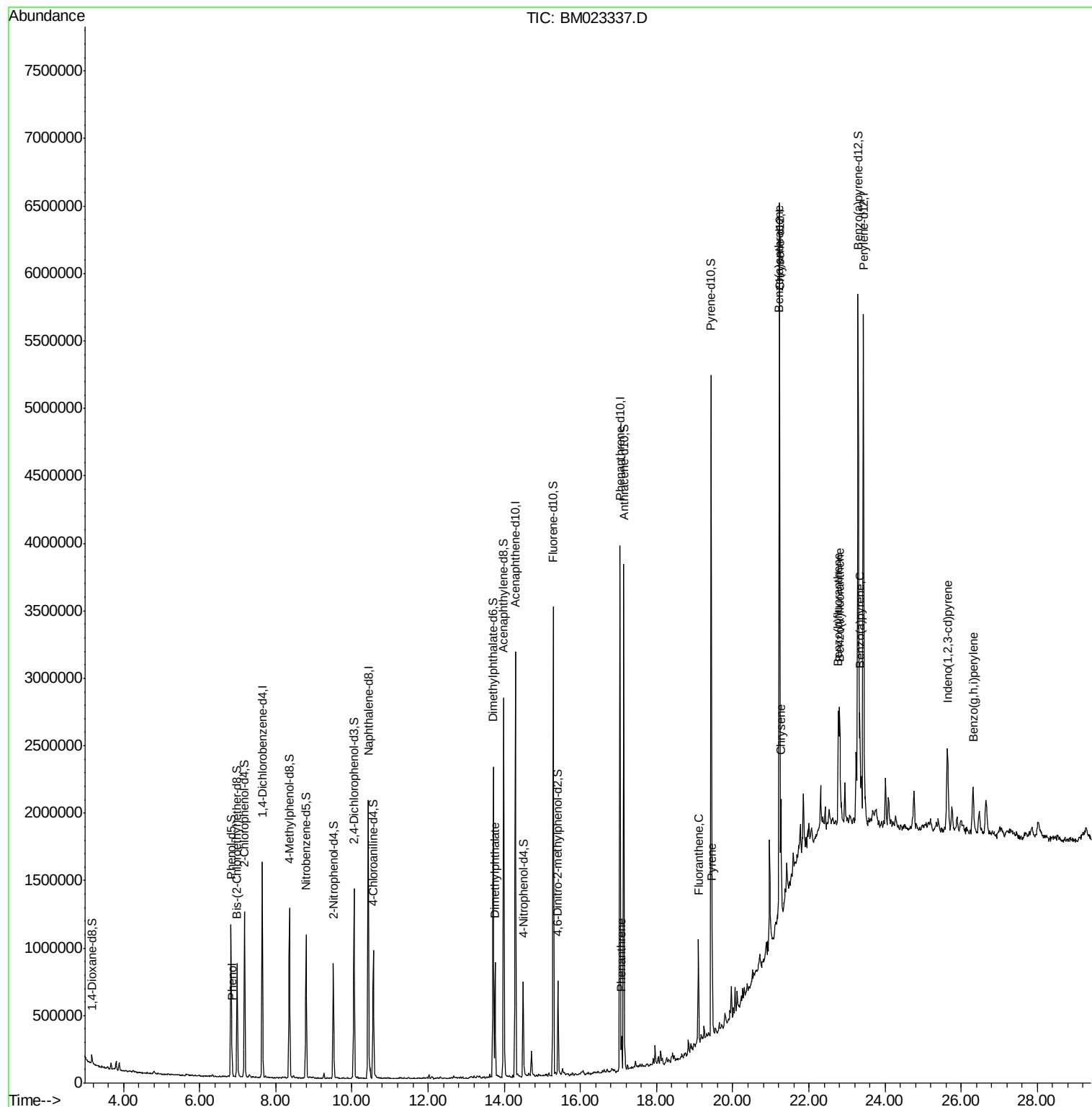
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023337.D
Acq On : 23 Oct 2019 02:07
Operator : JU
Sample : K5354-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

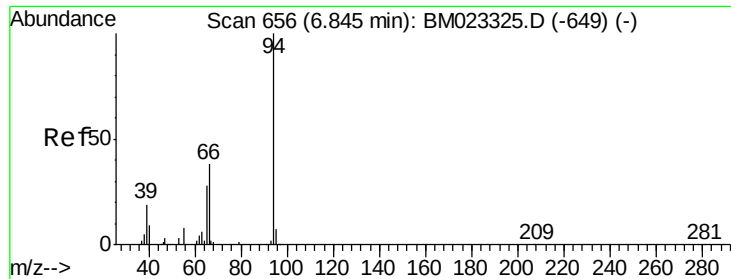
Instrument :
BNA_M
ClientSampleId :
BFB83

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.646 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Instrument :

BNA_M

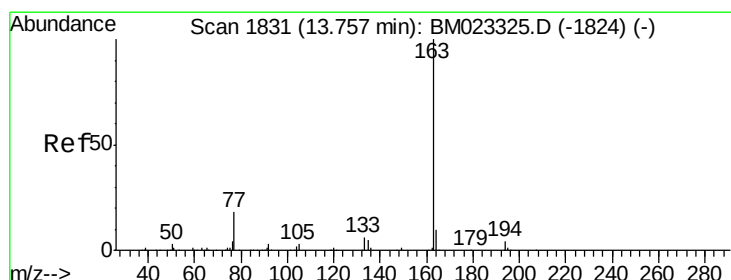
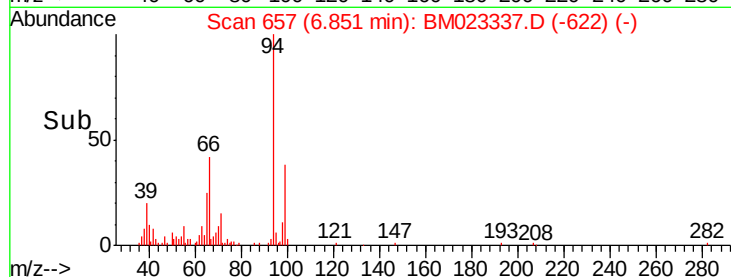
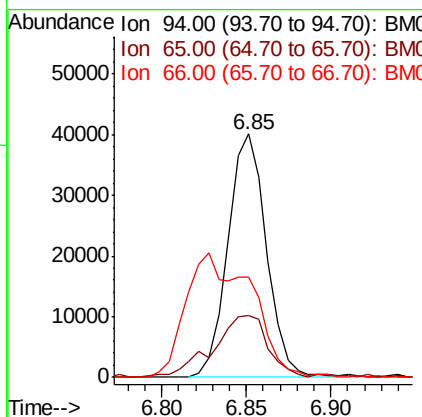
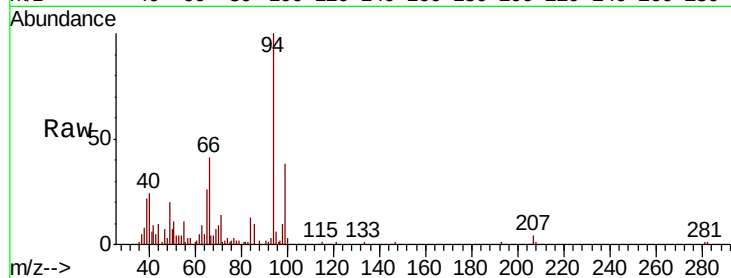
ClientSampleId :

BFB83

Tot Ion:	94	Resp:	63763
Ion	Ratio	Lower	Upper
94	100		
65	25.7	23.2	34.8
66	41.2	32.9	49.3

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#45

Dimethylphthalate

Concen: 6.746 ng/ul

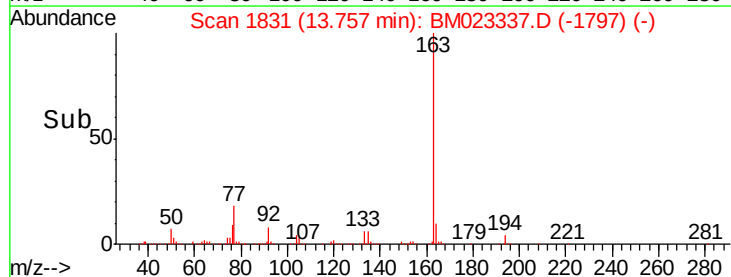
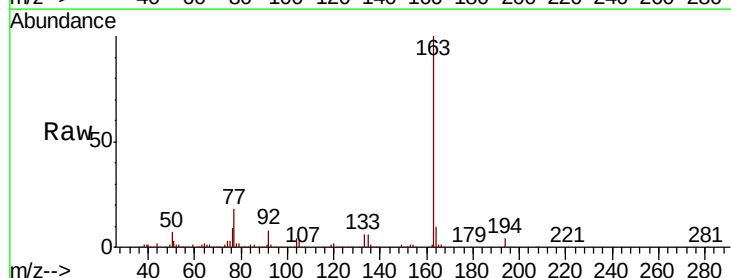
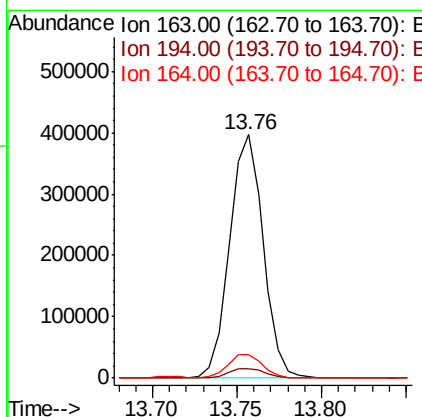
RT: 13.76 min Scan# 1831

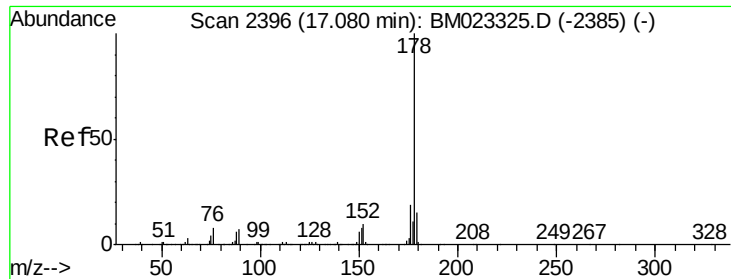
Delta R.T. -0.00 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Tgt Ion:	163	Resp:	544240
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.5	7.8	11.6





#70

Phenanthrene

Concen: 1.161 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Instrument :

BNA_M

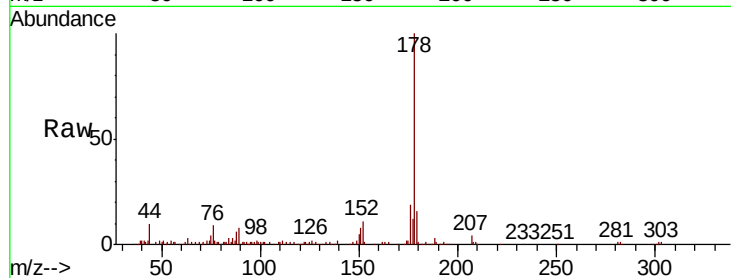
ClientSampled :

BFB83

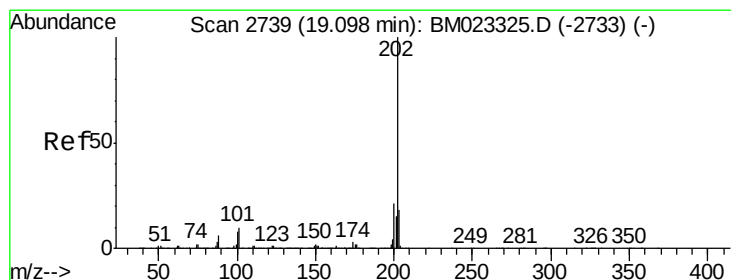
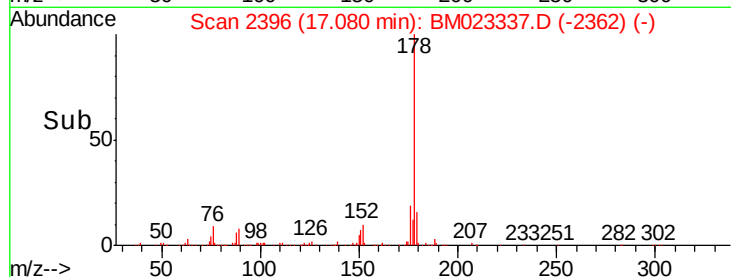
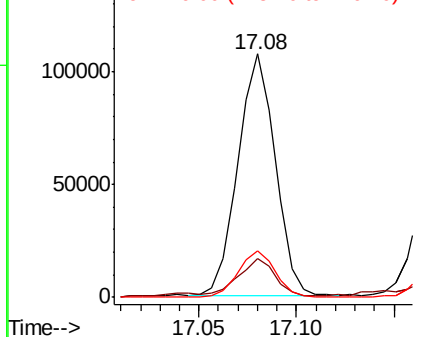
Tot Ion:	178	Resp:	142786
Ion Ratio	Lower	Upper	
178	100		
179	16.1	11.7	17.5
176	19.3	15.0	22.4

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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: 3.270 ng/ul

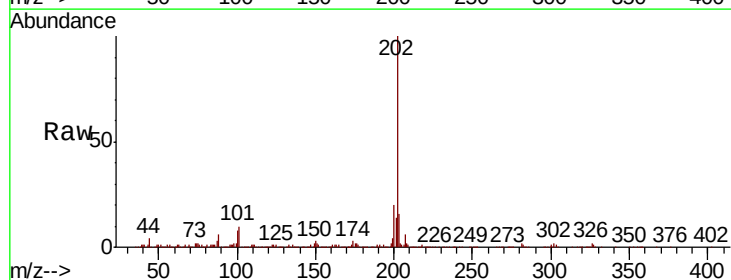
RT: 19.10 min Scan# 2739

Delta R.T. -0.00 min

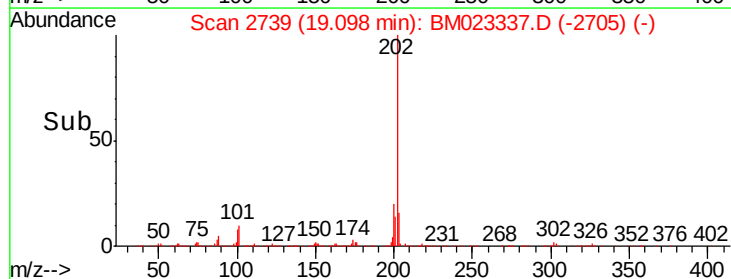
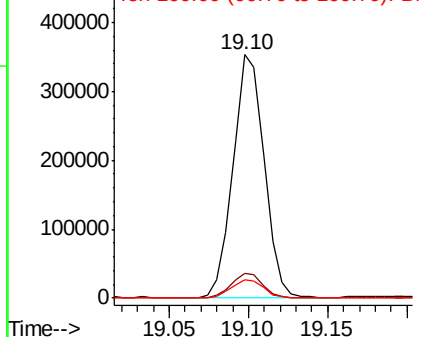
Lab File: BM023337.D

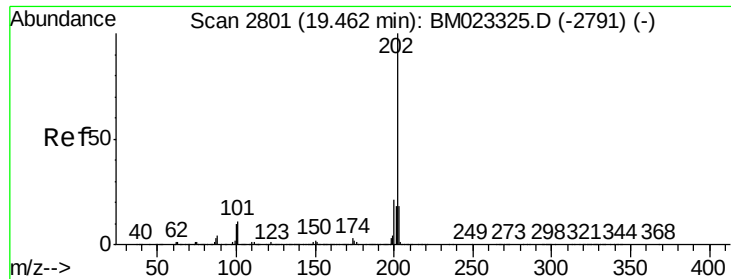
Acq: 23 Oct 2019 02:07

Tgt Ion:	202	Resp:	478425
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.2	12.4
100	7.8	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





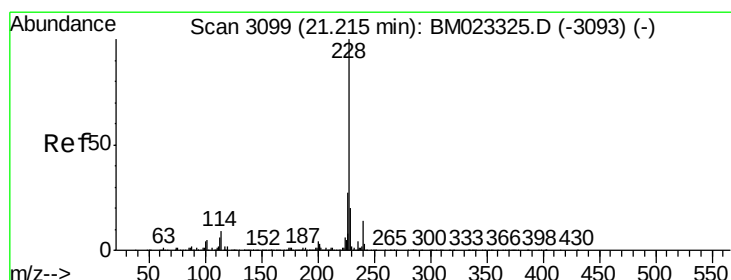
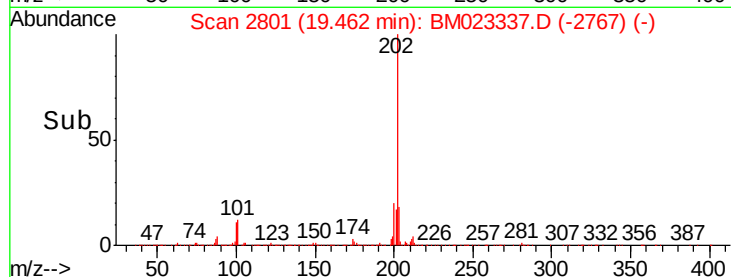
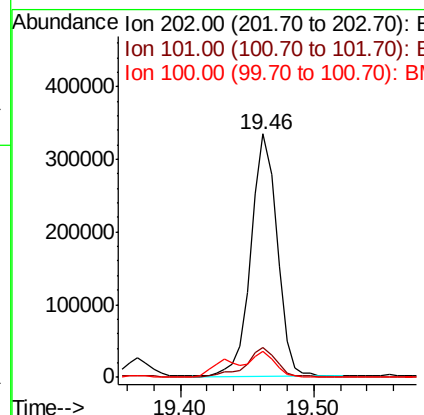
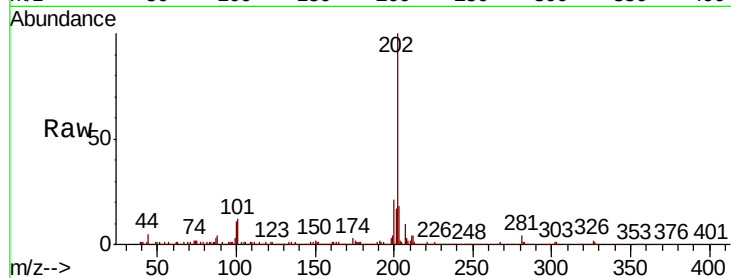
#80
 Pvrene
 Concen: 3.167 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM023337.D
 Acq: 23 Oct 2019 02:07

Instrument :
 BNA_M
 ClientSampleId :
 BFB83

Tot Ion:	202	Resp:	449499
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.0	13.6
100	10.5	7.5	11.3

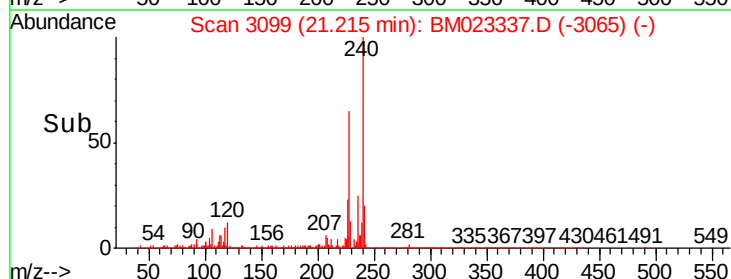
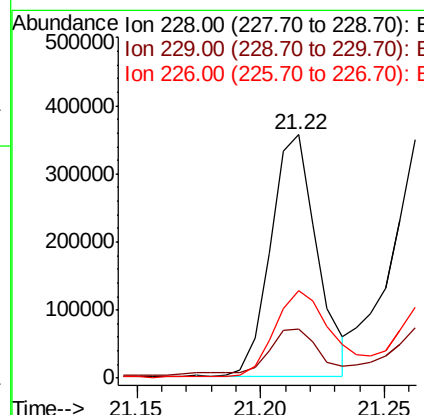
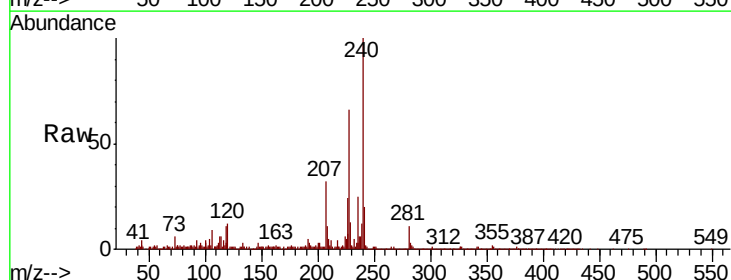
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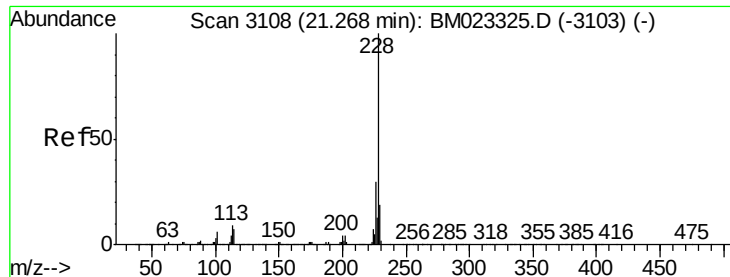
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#83
 Benzo(a)anthracene
 Concen: 3.038 ng/ul m
 RT: 21.22 min Scan# 3099
 Delta R.T. -0.00 min
 Lab File: BM023337.D
 Acq: 23 Oct 2019 02:07

Tgt Ion:	228	Resp:	466390
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.8	23.8
226	35.8	21.5	32.3#





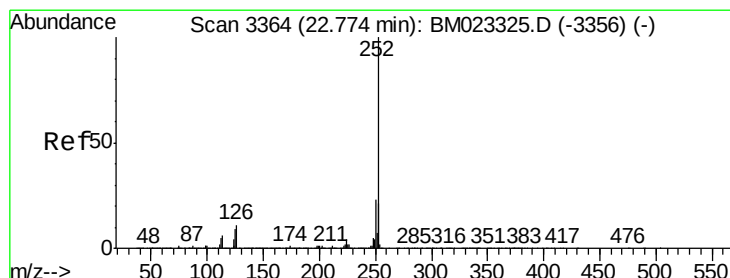
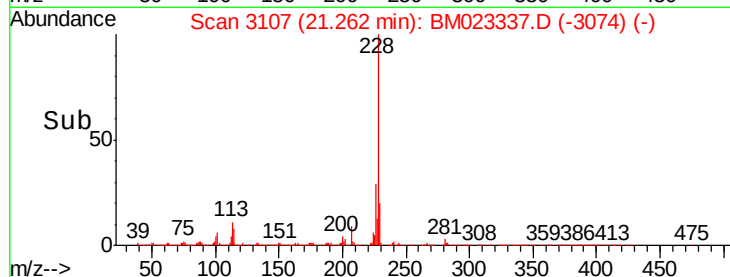
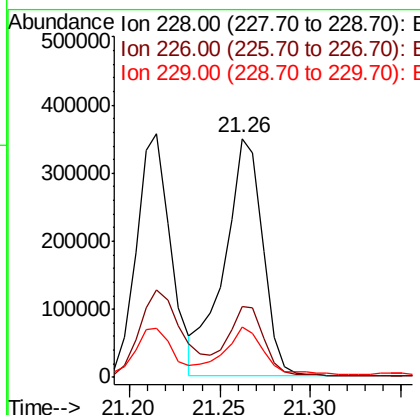
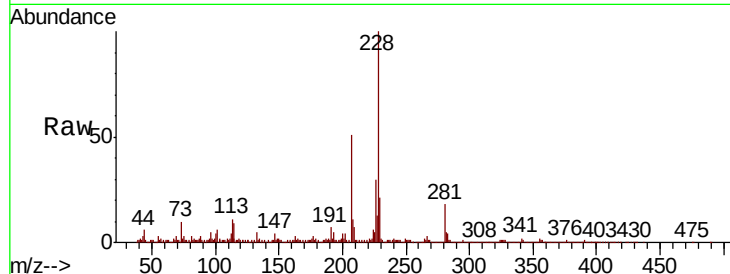
#85
Chrysene
Concen: 3.627 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023337.D
Acq: 23 Oct 2019 02:07

Instrument :
BNA_M
ClientSampleId :
BFB83

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	21.3	15.5	23.3

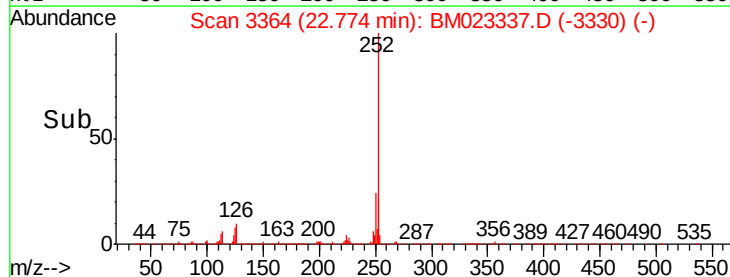
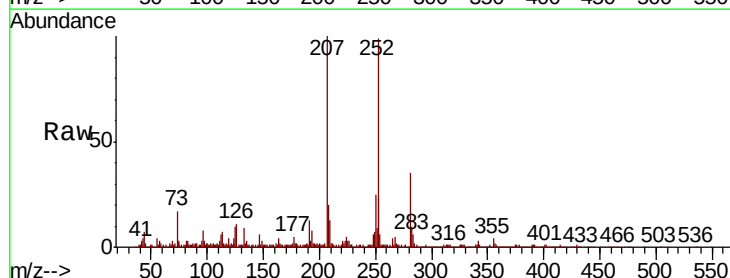
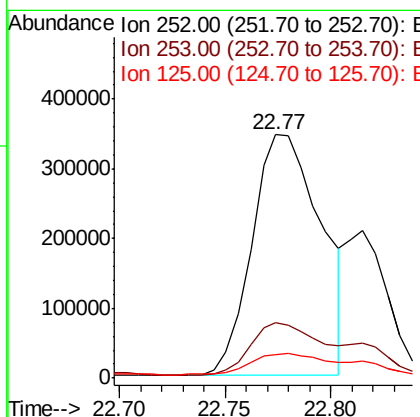
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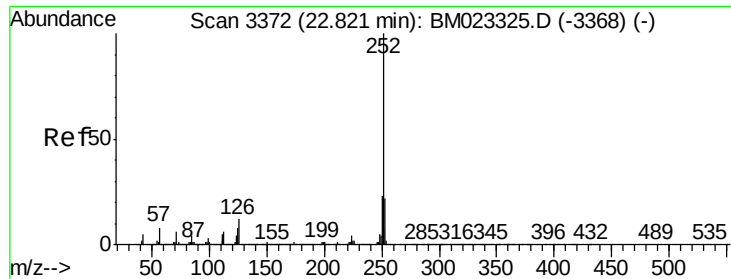
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#88
Benzo(b)fluoranthene
Concen: 4.751 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.00 min
Lab File: BM023337.D
Acq: 23 Oct 2019 02:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	9.7	7.0	10.4





#89

Benzo(k)fluoranthene

Concen: 1.759 ng/ul m

RT: 22.82 min Scan# 3371

Delta R.T. -0.01 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Instrument :

BNA_M

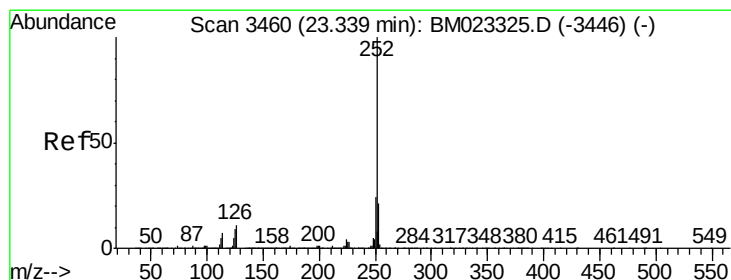
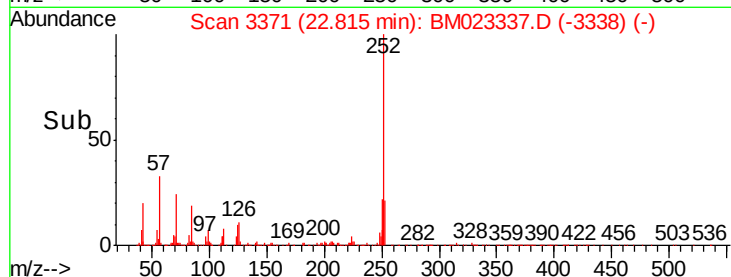
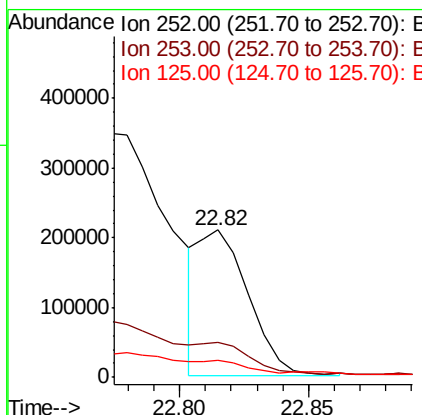
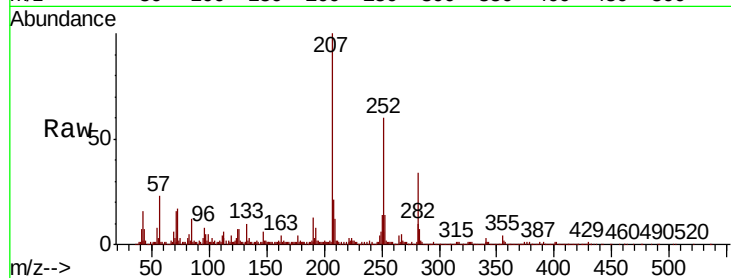
ClientSampleId :

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Tot Ion:	252	Resp:	279984
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	11.9	6.6	9.8#

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#91

Benzo(a)pyrene

Concen: 3.684 ng/ul

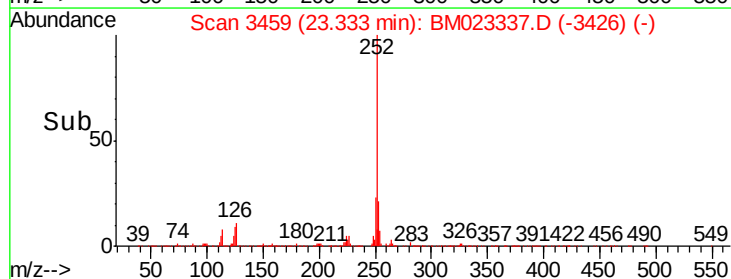
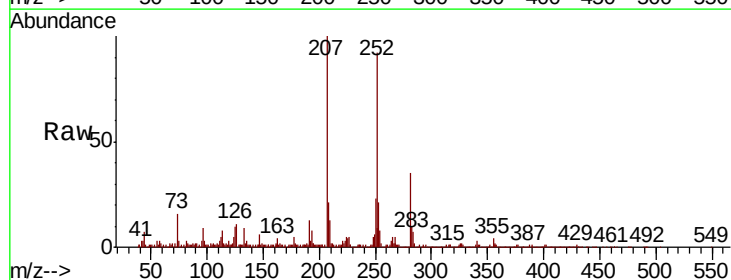
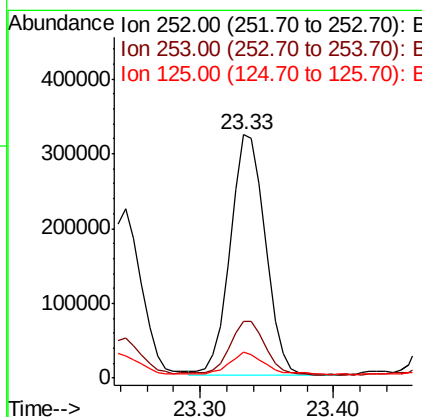
RT: 23.33 min Scan# 3459

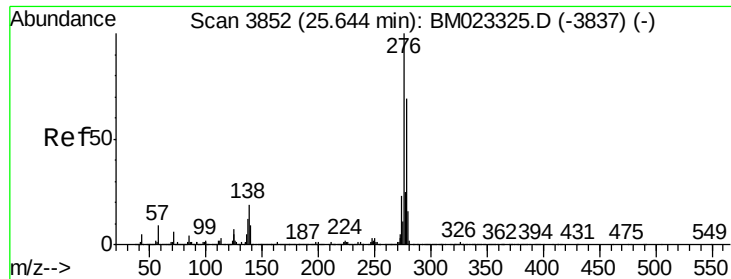
Delta R.T. -0.01 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Tgt Ion:	252	Resp:	585868
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.0	25.6
125	10.8	7.1	10.7#





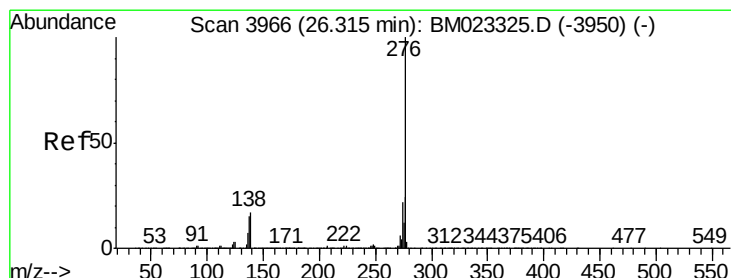
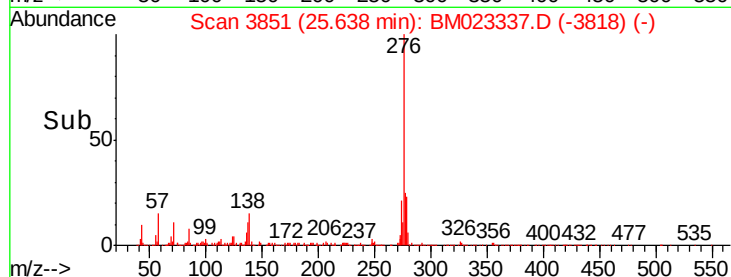
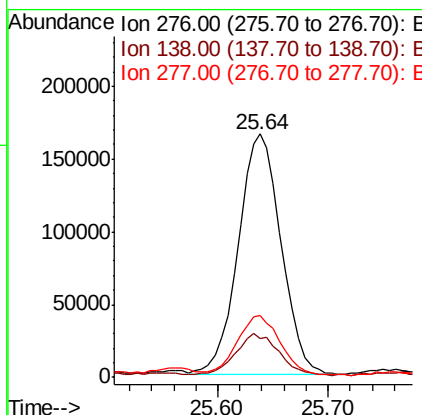
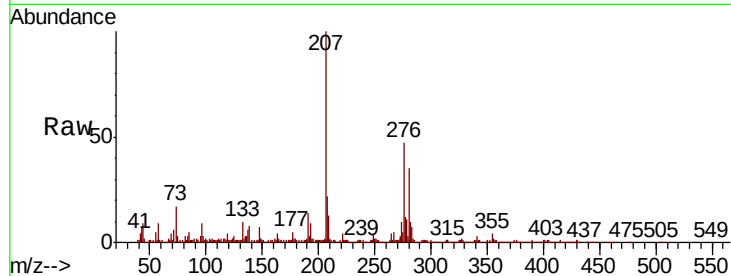
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.375 ng/ul
 RT: 25.64 min Scan# 3851
 Delta R.T. -0.01 min
 Lab File: BM023337.D
 Acq: 23 Oct 2019 02:07

Instrument :
 BNA_M
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 BFB83

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.8	23.6
277	25.2	19.8	29.8

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#94
 Benzo(g,h,i)perylene
 Concen: 2.752 ng/ul
 RT: 26.31 min Scan# 3965
 Delta R.T. -0.01 min
 Lab File: BM023337.D
 Acq: 23 Oct 2019 02:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	24.1	18.7	28.1

