

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023262.D
 Acq On : 18 Oct 2019 17:49
 Operator : JU
 Sample : K5345-05DL 300X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOJ8DL

Manual Integrations
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mohammad
 10/20/2019 8:07:33 PM

Quant Time: Oct 19 21:24:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 01:30:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	376002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1451327	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	880151	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1800352	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1954066	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2352267	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.83	99	1942	0.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	1521	0.08	ng/ul	0.01
9) 2-Chlorophenol-d4	7.19	132	1767	0.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	1376	0.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	869	0.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	375	0.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	1679	0.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	830	0.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	4980	0.07	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	5024	0.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	276	0.03	ng/ul	0.01
58) Fluorene-d10	15.30	176	6104	0.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.14	188	14445m	0.17	ng/ul	0.00
79) Pyrene-d10	19.44	212	11243	0.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	10814	0.09	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.49	128	1130824	15.075	ng/ul 98
34) 2-Methylnaphthalene	12.11	142	288367	5.166	ng/ul 98
41) 1,1'-Biphenyl	13.13	154	90692	1.354	ng/ul 98
50) Acenaphthene	14.37	153	713939	12.676	ng/ul 98
54) Dibenzofuran	14.70	168	774346	9.685	ng/ul 97
59) Fluorene	15.35	166	789837	12.040	ng/ul 99
70) Phenanthrene	17.09	178	4365831	43.210	ng/ul 100
72) Anthracene	17.18	178	438040	4.195	ng/ul 99
75) Carbazole	17.44	167	207713	2.227	ng/ul 99
77) Fluoranthene	19.11	202	3011229	25.060	ng/ul 100
80) Pyrene	19.47	202	2141631	17.495	ng/ul 99
83) Benzo(a)anthracene	21.23	228	663975	5.015	ng/ul 99
85) Chrysene	21.27	228	497689	4.048	ng/ul 97
88) Benzo(b)fluoranthene	22.79	252	523123	3.668	ng/ul 98
89) Benzo(k)fluoranthene	22.83	252	150163m	1.097	ng/ul
91) Benzo(a)pyrene	23.35	252	305405	2.232	ng/ul 98

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

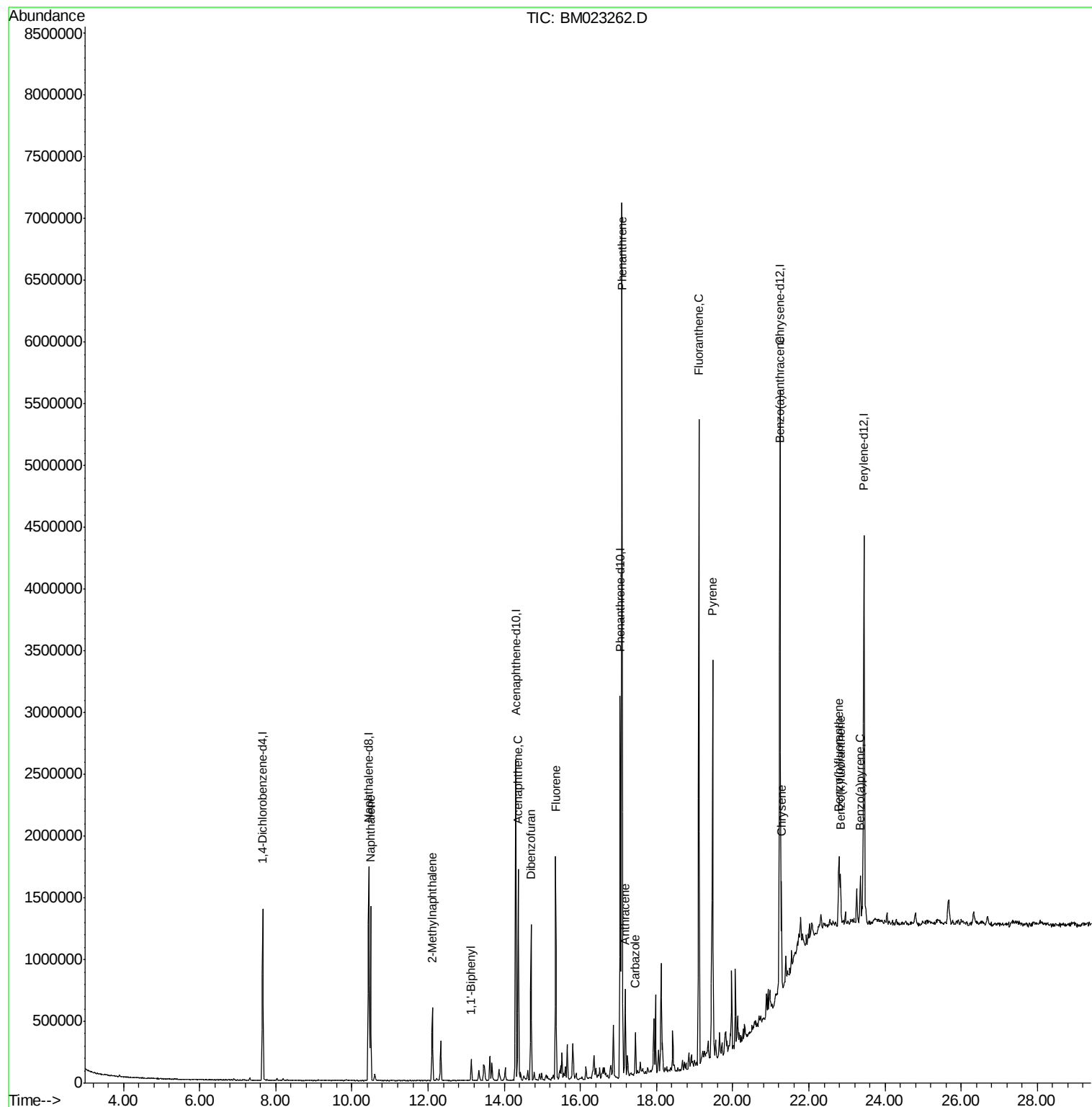
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023262.D
Acq On : 18 Oct 2019 17:49
Operator : JU
Sample : K5345-05DL 300X
Misc :
ALS Vial : 41 Sample Multiplier: 1

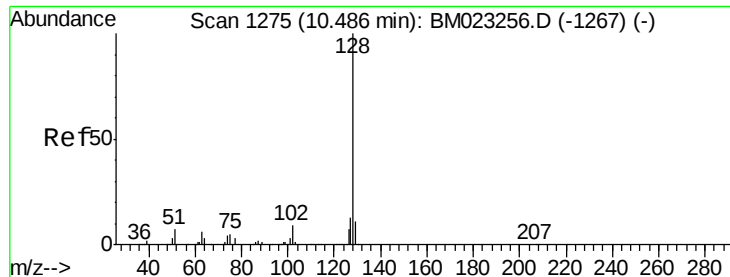
Instrument :
BNA_M
ClientSampleId :
ETOJ8DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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Response via : Initial Calibration





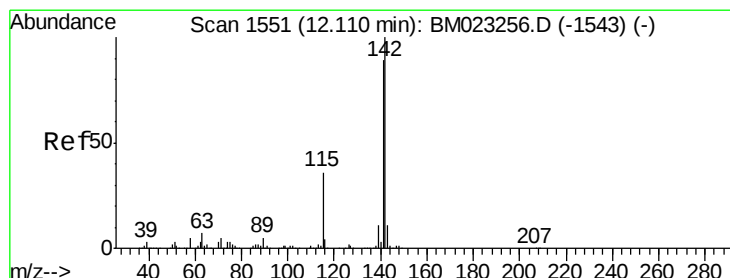
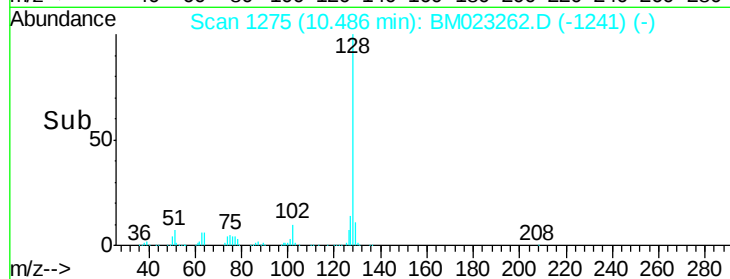
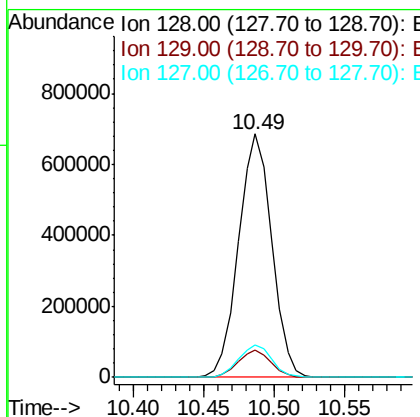
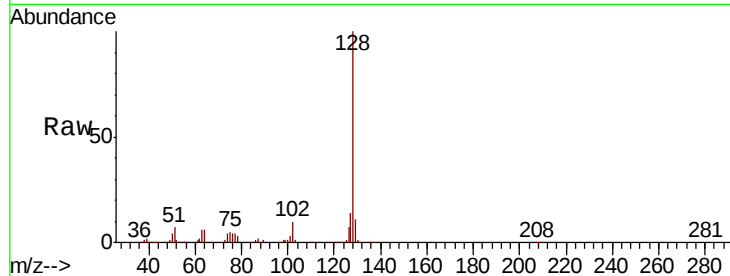
#28
Naphthalene
Concen: 15.075 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Instrument :
BNA_M
ClientSampleId :
ETOJ8DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.6	10.2	15.4

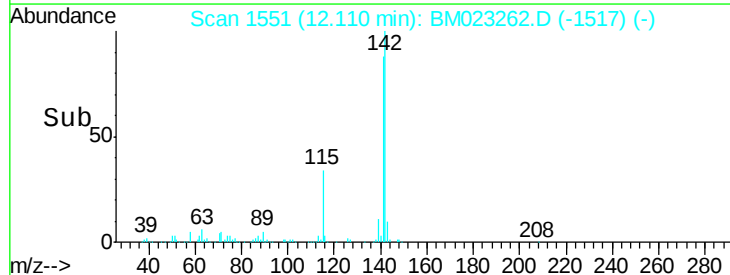
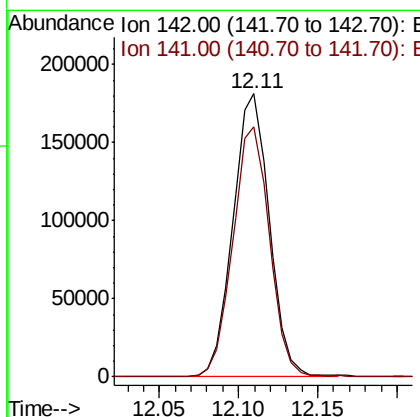
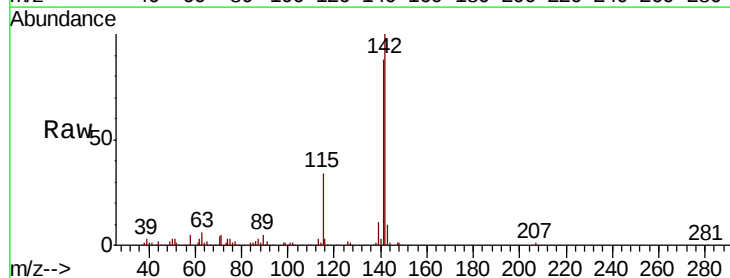
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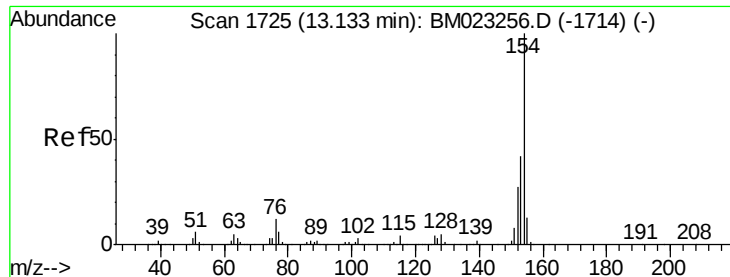
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#34
2-Methylnaphthalene
Concen: 5.166 ng/ul
RT: 12.11 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1





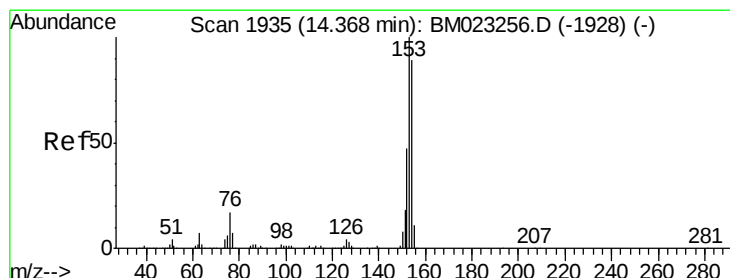
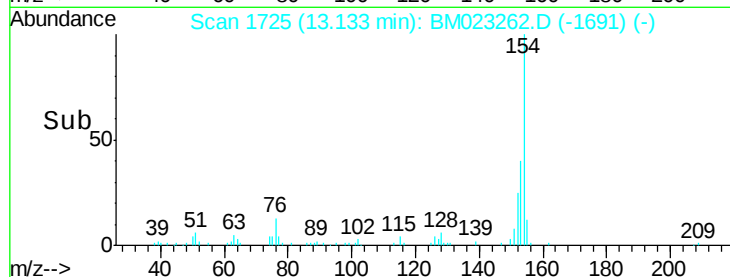
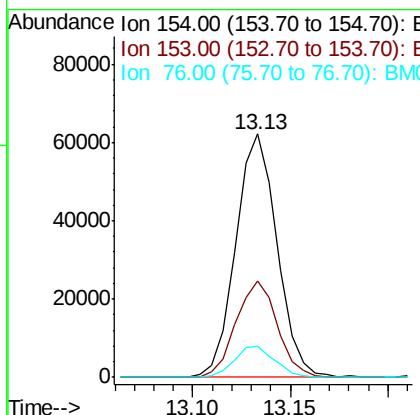
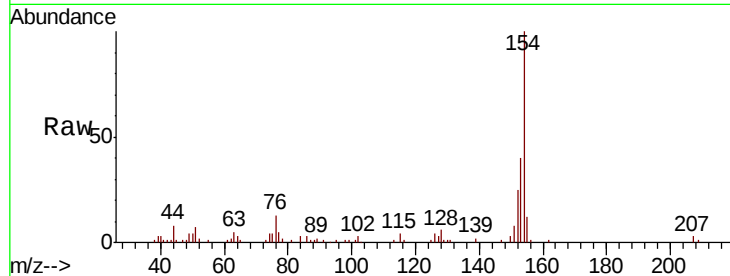
#41
 1,1'-Biphenyl
 Concen: 1.354 ng/ul
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BM023262.D
 Acq: 18 Oct 2019 17:49

Instrument :
 BNA_M
 ClientSampleId :
 ETOJ8DL

Tot Ion:	154	Resp:	90692
Ion Ratio	Lower	Upper	
154	100		
153	39.7	33.1	49.7
76	13.0	10.6	15.8

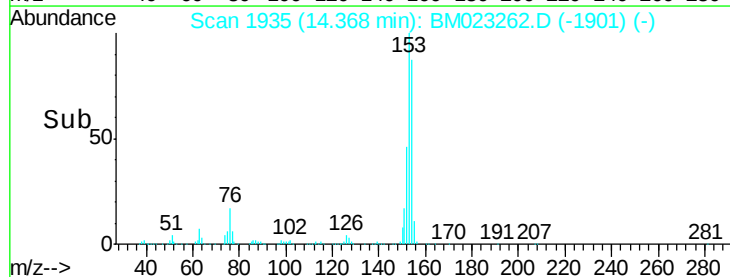
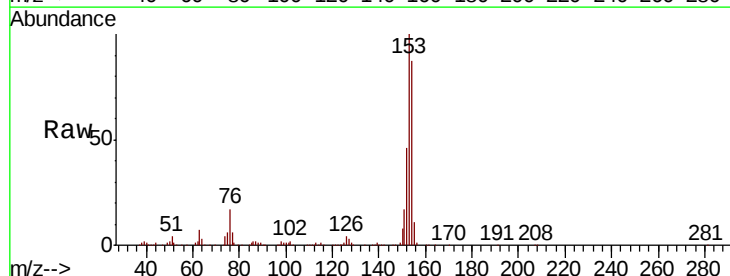
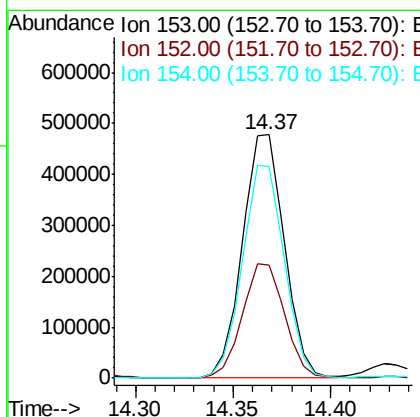
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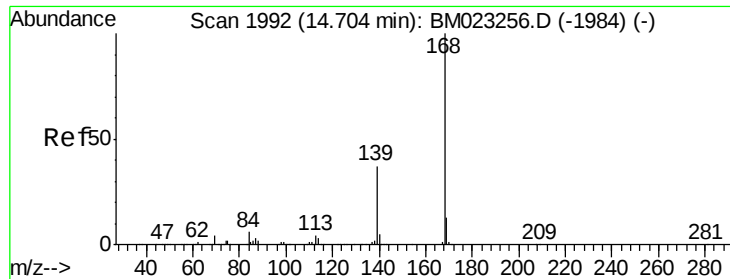
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#50
 Acenaphthene
 Concen: 12.676 ng/ul
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BM023262.D
 Acq: 18 Oct 2019 17:49

Tgt Ion:	153	Resp:	713939
Ion Ratio	Lower	Upper	
153	100		
152	46.3	38.0	57.0
154	86.7	70.4	105.6





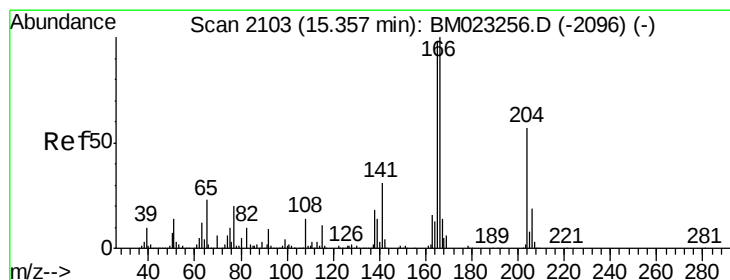
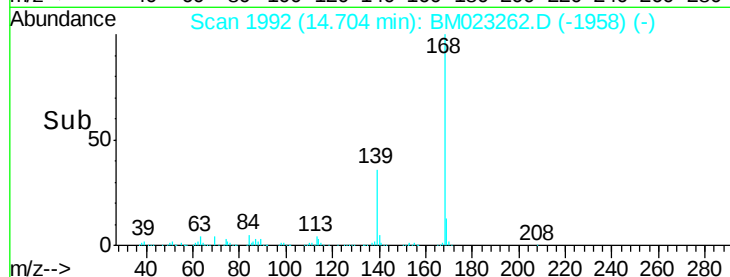
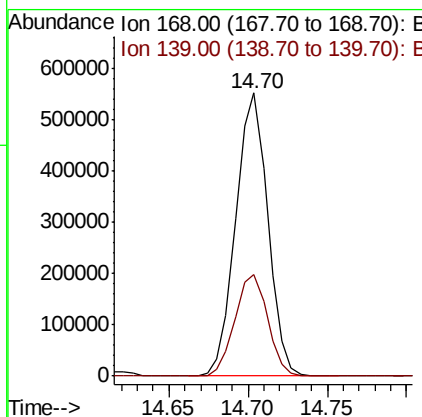
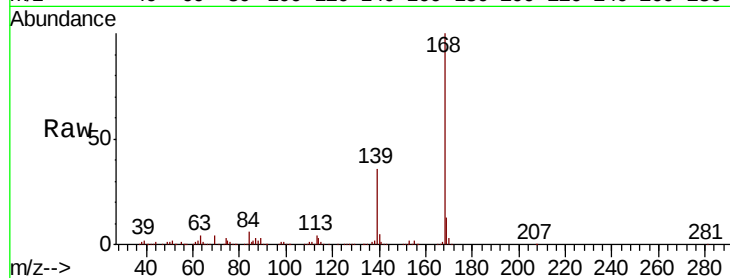
#54
Dibenzenofuran
Concen: 9.685 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Instrument :
BNA_M
ClientSampleId :
ETOJ8DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1

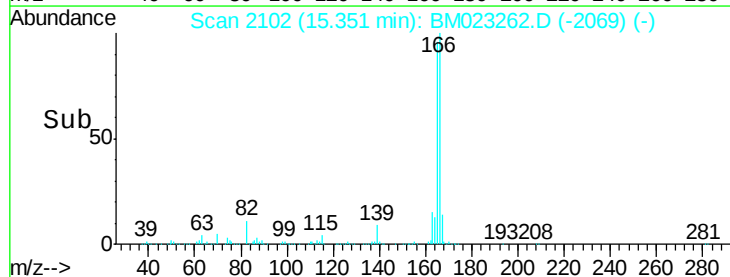
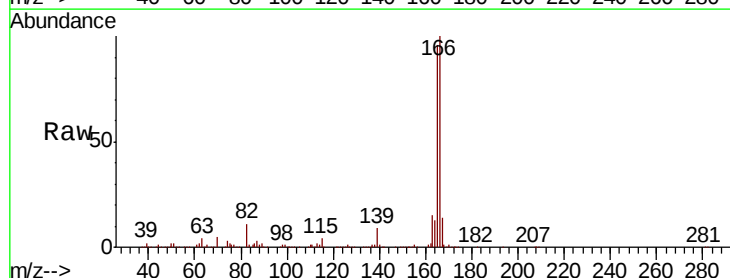
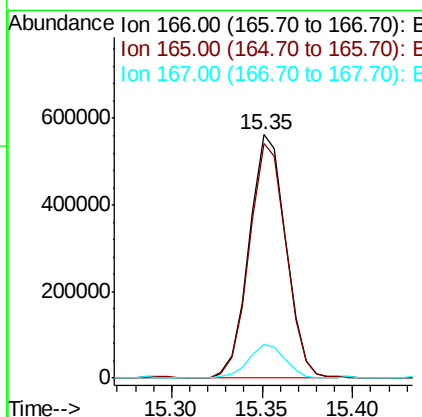
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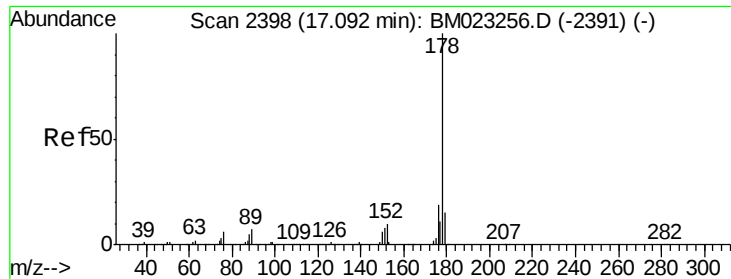
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#59
Fluorene
Concen: 12.040 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.4	116.0
167	14.0	10.8	16.2





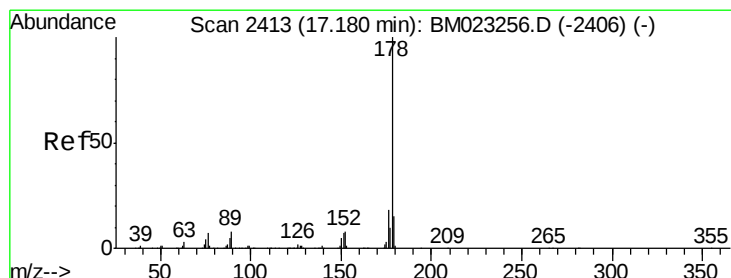
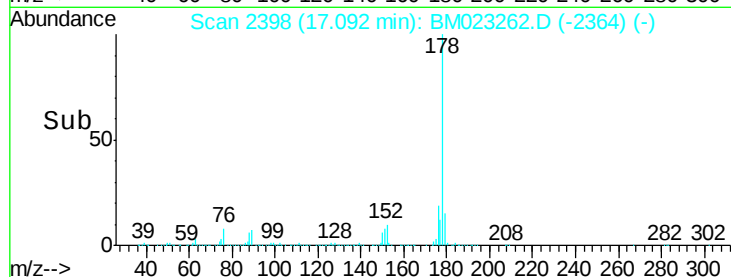
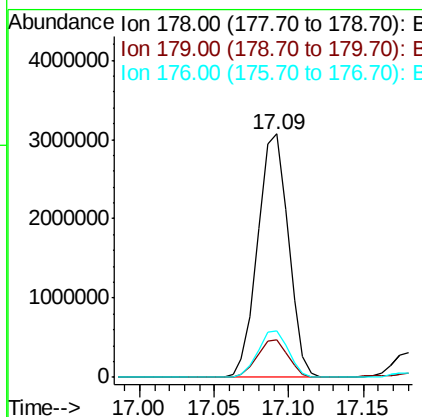
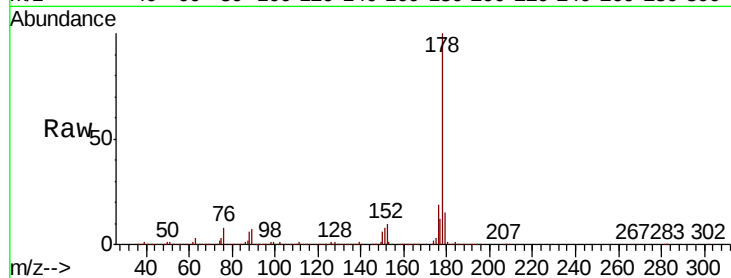
#70
Phenanthrene
Concen: 43.210 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Instrument :
BNA_M
ClientSampleId :
ETOJ8DL

Tot Ion:178 Resp: 4365831
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.1 15.5 23.3

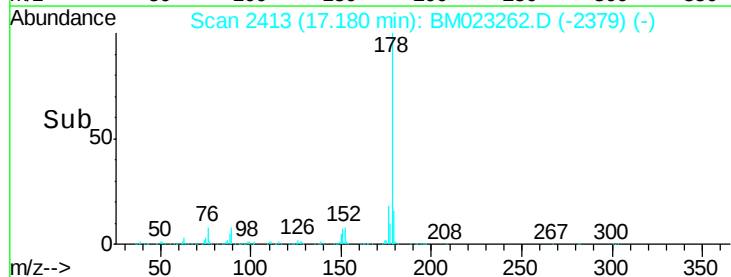
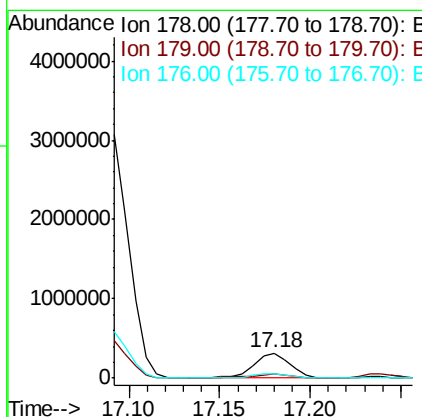
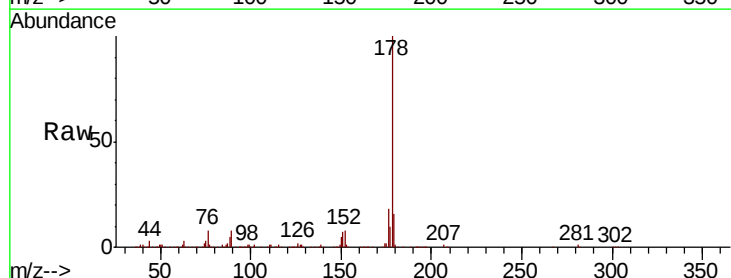
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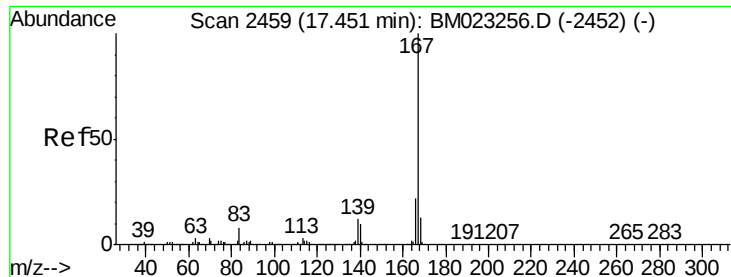
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#72
Anthracene
Concen: 4.195 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Tgt Ion:178 Resp: 438040
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 18.3 15.0 22.4





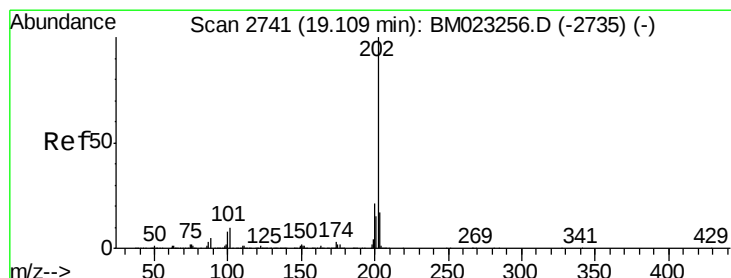
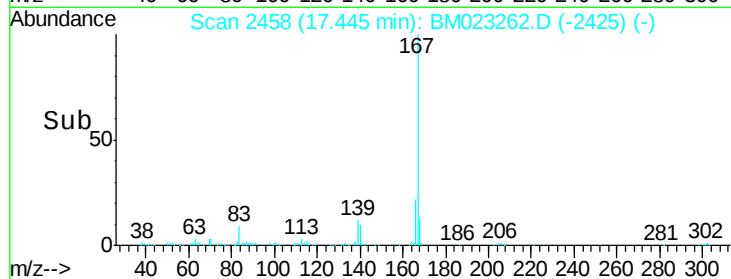
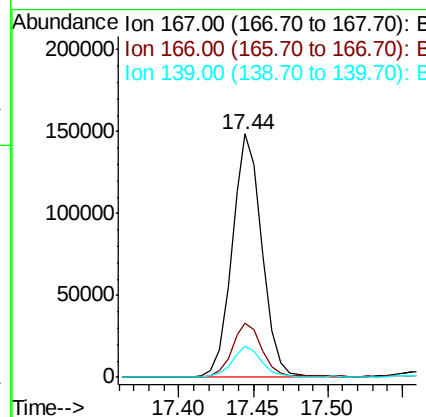
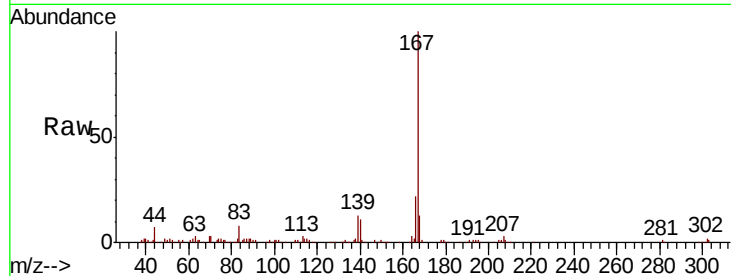
#75
 Carbazole
 Concen: 2.227 ng/ul
 RT: 17.44 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BM023262.D
 Acq: 18 Oct 2019 17:49

Instrument :
 BNA_M
 ClientSampleId :
 ETOJ8DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	12.6	10.2	15.2

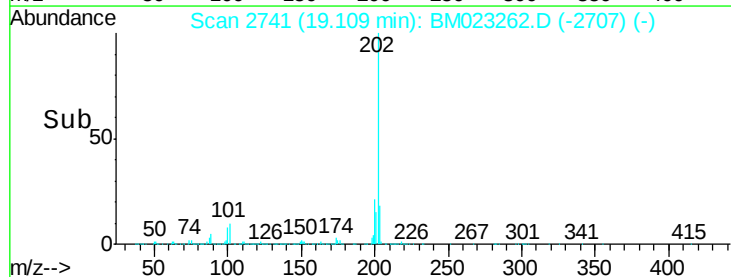
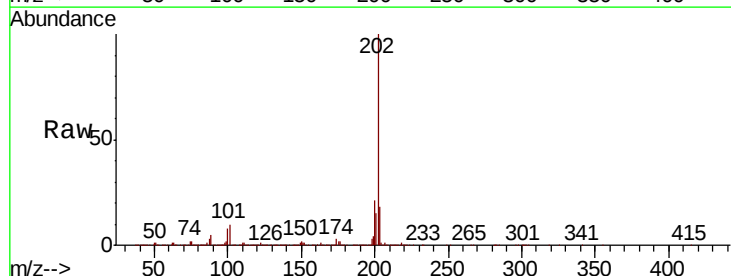
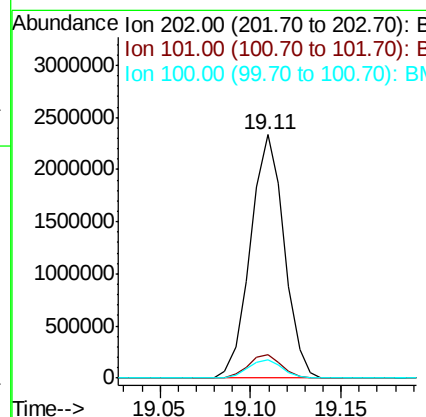
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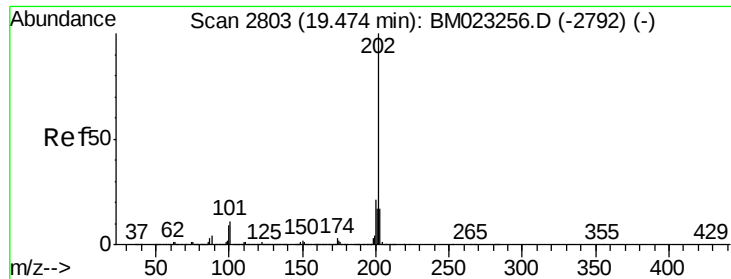
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#77
 Fluoranthene
 Concen: 25.060 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BM023262.D
 Acq: 18 Oct 2019 17:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.8
100	7.6	6.1	9.1





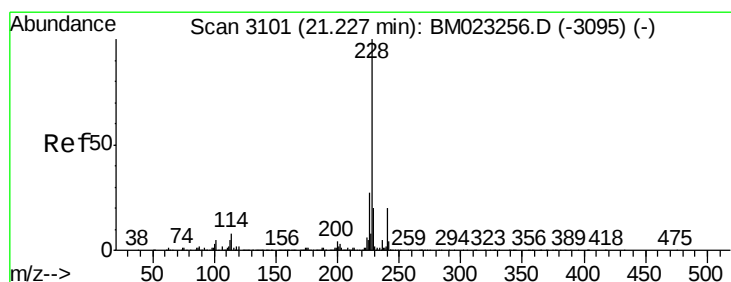
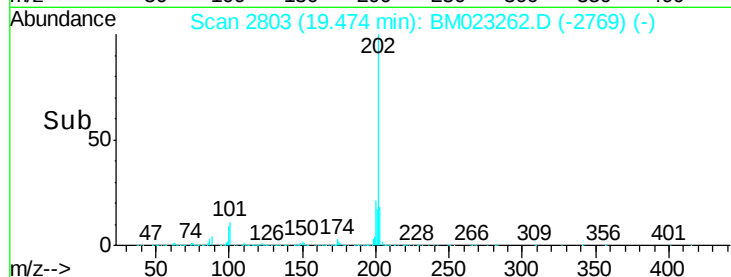
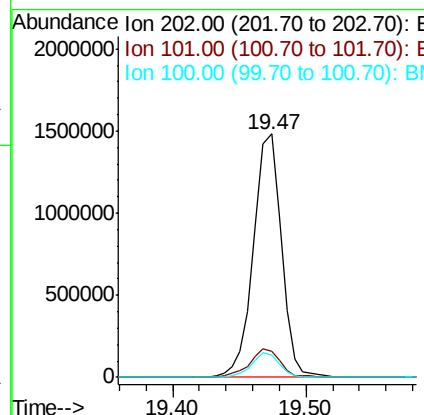
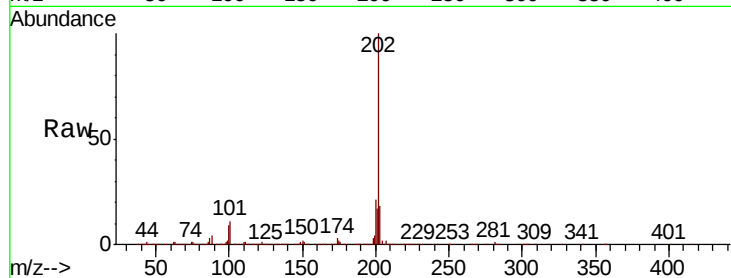
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Pvrene
Concen: 17.495 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Instrument :
BNA_M
ClientSampleId :
ETOJ8DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	9.1	7.5	11.3

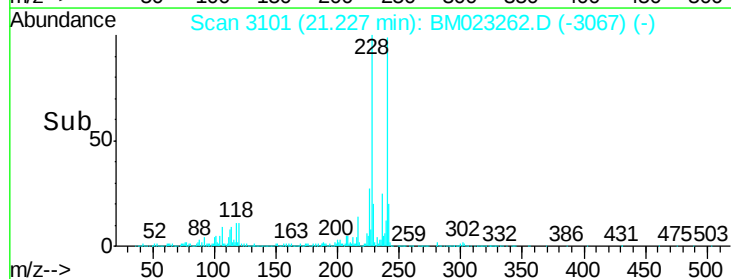
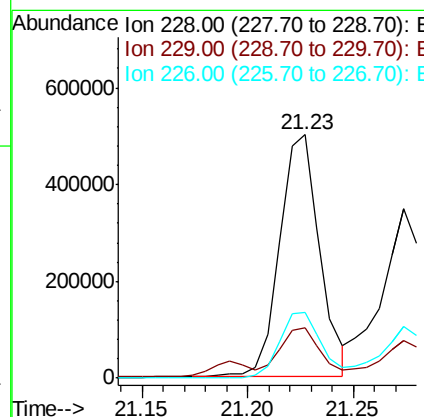
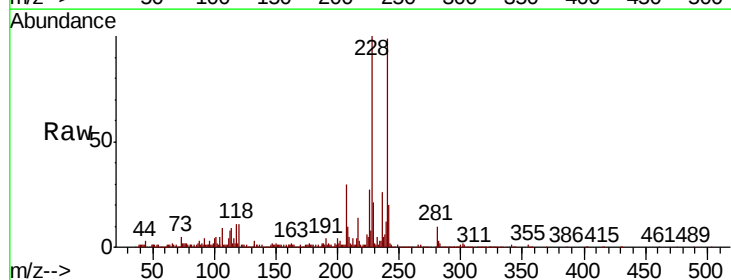
Manual Integrations
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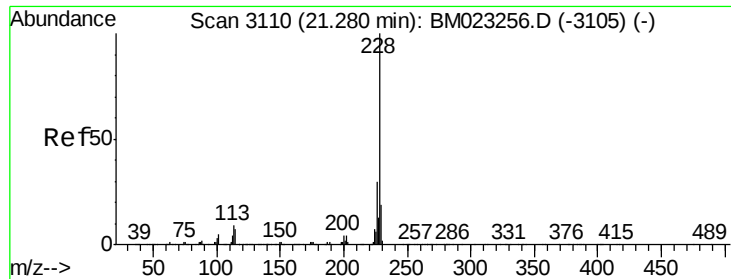
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#83
Benzo(a)anthracene
Concen: 5.015 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.1	21.6	32.4





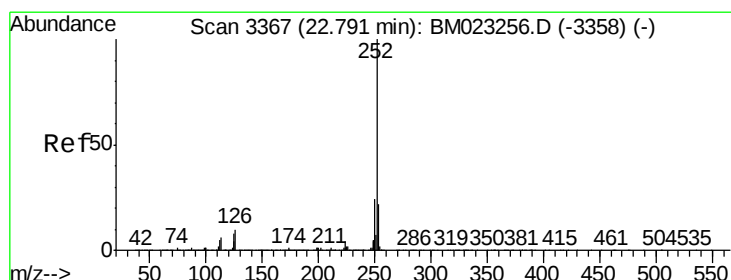
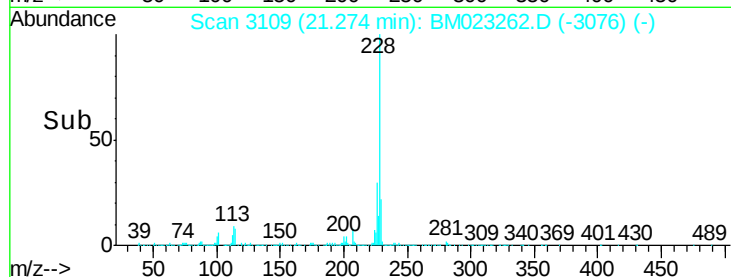
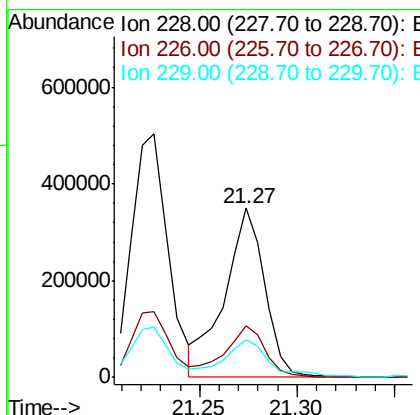
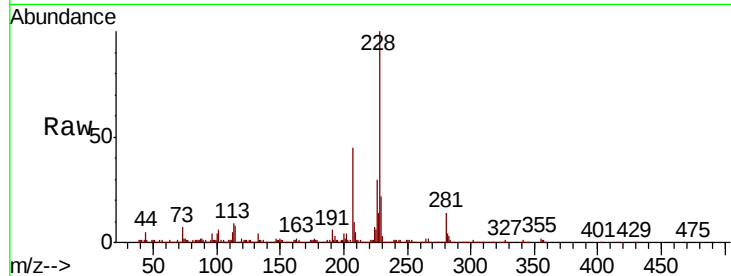
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Chrysene
Concen: 4.048 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Instrument :
BNA_M
ClientSampleId :
ETOJ8DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		497689		
226	30.2		23.8	35.6	
229	22.4		15.5	23.3	

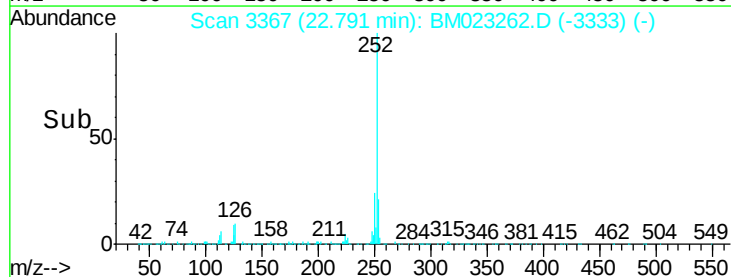
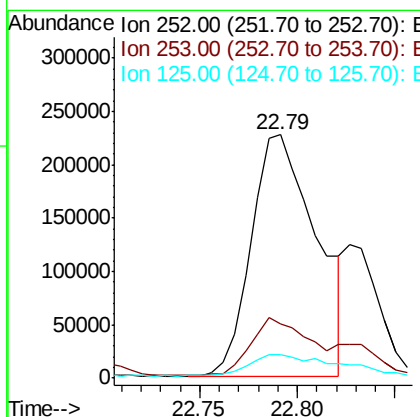
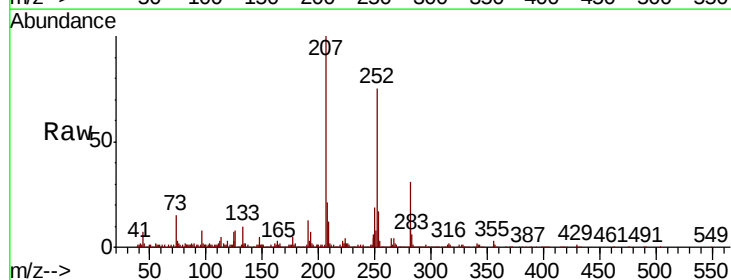
Manual Integrations
APPROVED

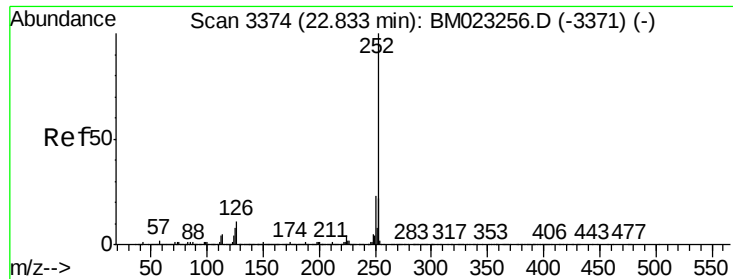
mohammad
10/20/2019 8:07:33 PM



#88
Benzo(b)fluoranthene
Concen: 3.668 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BM023262.D
Acq: 18 Oct 2019 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		523123		
253	22.4		17.6	26.4	
125	9.4		6.4	9.6	





#89

Benzo(k)fluoranthene

Concen: 1.097 ng/ul m

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM023262.D

Acq: 18 Oct 2019 17:49

Instrument :

BNA_M

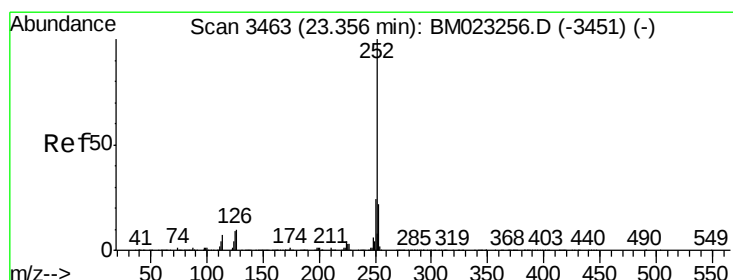
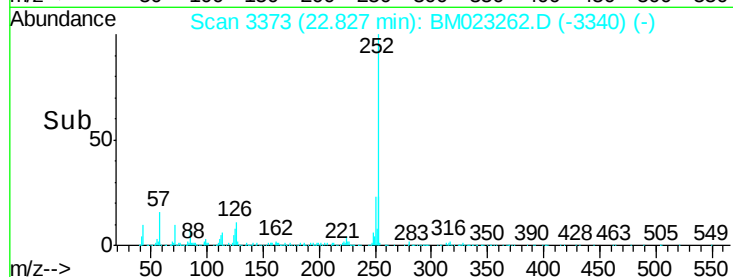
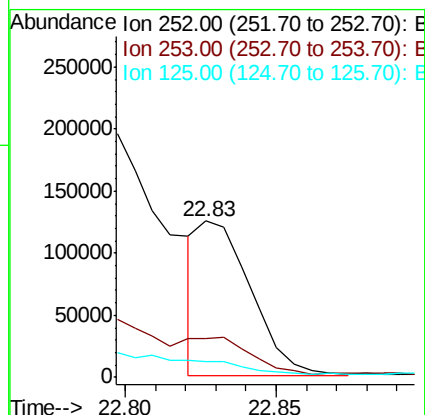
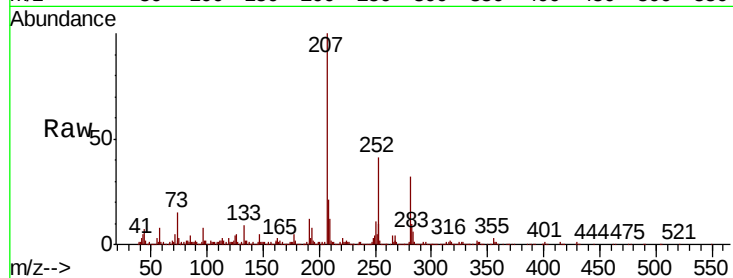
ClientSampleId :

ETOJ8DL

Tot Ion:	252	Resp:	150163
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.0
125	10.0	6.5	9.7#

Manual Integrations
APPROVED

mohammad
10/20/2019 8:07:33 PM



#91

Benzo(a)pyrene

Concen: 2.232 ng/ul

RT: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM023262.D

Acq: 18 Oct 2019 17:49

Tgt Ion:	252	Resp:	305405
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	10.0	7.4	11.0

