

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
 Data File : BM023332.D
 Acq On : 22 Oct 2019 23:08
 Operator : JU
 Sample : K5354-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB90

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:08:59 AM

Quant Time: Oct 23 04:02:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 01:39:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	393901	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1581570	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	976567	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2075068	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2109450	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2586620	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	38647	4.32	ng/uL	0.00
5) Phenol-d5	6.82	99	709943	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	414075	21.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	584081	22.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	546147	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	282016	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	318660	31.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	591978	22.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	377114	11.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1809757	24.18	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2121215	24.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	236688	19.54	ng/ul	0.00
58) Fluorene-d10	15.29	176	1572444	24.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	175034	21.28	ng/ul	0.00
71) Anthracene-d10	17.14	188	2500298	24.99	ng/ul	0.00
79) Pyrene-d10	19.43	212	2810370	27.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3348890	25.54	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.85	94	76156	2.153	ng/ul	99
28) Naphthalene	10.47	128	82089	1.004	ng/ul#	97
45) Dimethylphthalate	13.76	163	740088	9.880	ng/ul	99
48) Acenaphthylene	14.01	152	131962	1.470	ng/ul	99
70) Phenanthrene	17.08	178	394319	3.386	ng/ul	98
72) Anthracene	17.17	178	181622	1.509	ng/ul	99
77) Fluoranthene	19.10	202	1257677	9.081	ng/ul	99
80) Pyrene	19.46	202	1227852	9.291	ng/ul	99
83) Benzo(a)anthracene	21.22	228	1048316	7.334	ng/ul	95
85) Chrysene	21.27	228	998051	7.520	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	1628302	10.383	ng/ul	97
89) Benzo(k)fluoranthene	22.81	252	511325m	3.396	ng/ul	
91) Benzo(a)pyrene	23.34	252	1172815	7.795	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	952679	5.322	ng/ul	95
93) Dibenzo(a,h)anthracene	25.64	278	272034	1.818	ng/ul#	85
94) Benzo(g,h,i)perylene	26.31	276	950871	6.452	ng/ul	97

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

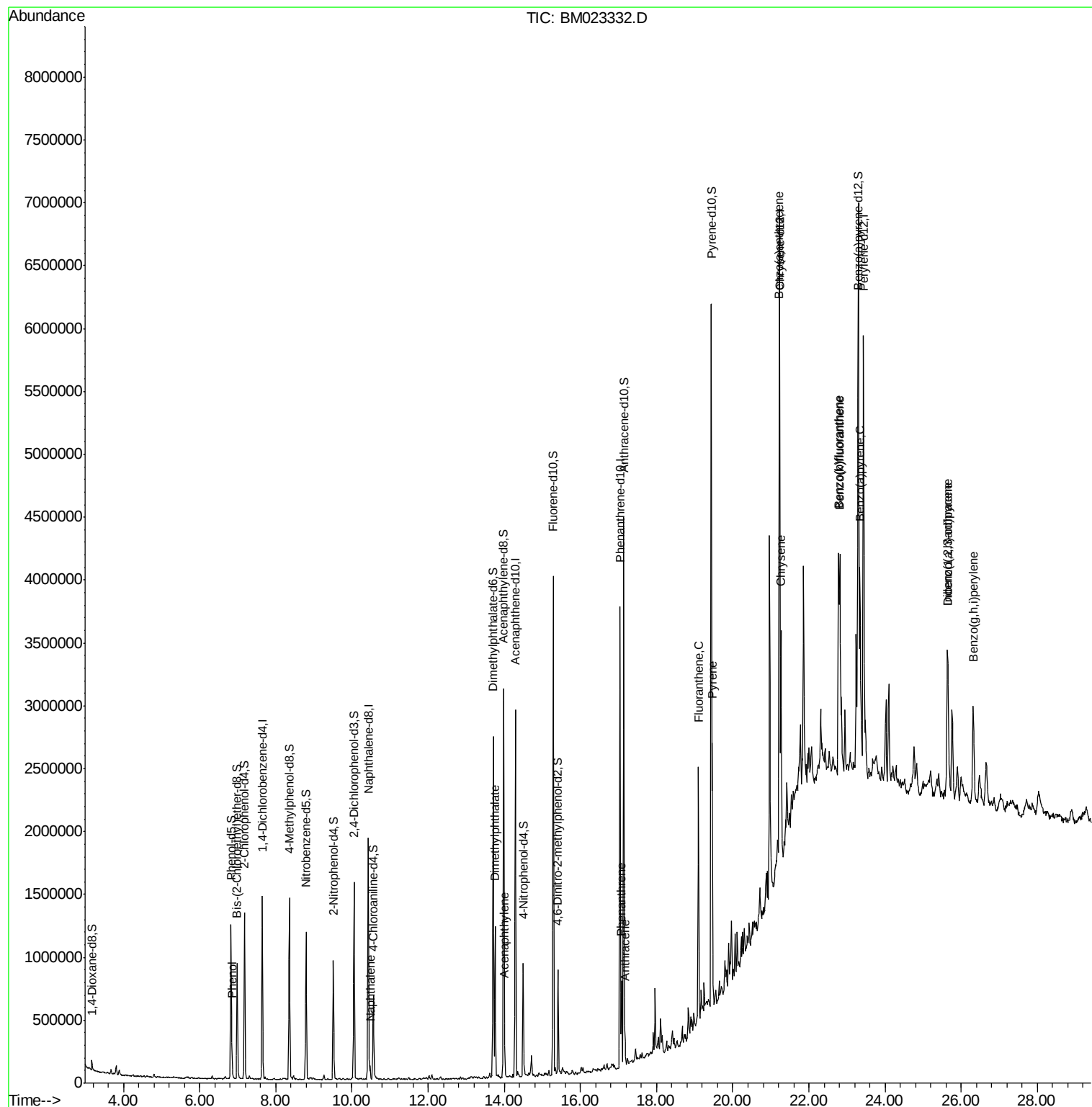
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
Operator : JU
Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

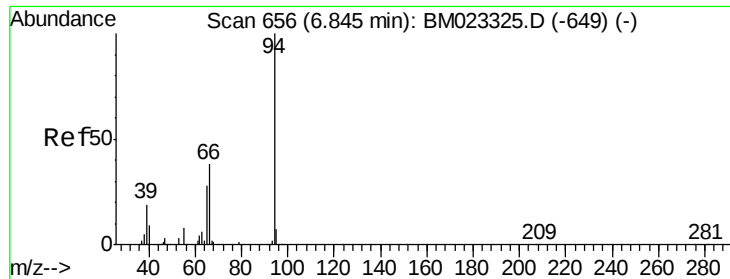
Instrument :
BNA_M
ClientSampleId :
BFB90

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Quant Time: Oct 23 04:02:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.153 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM023332.D

Acq: 22 Oct 2019 23:08

Instrument :

BNA_M

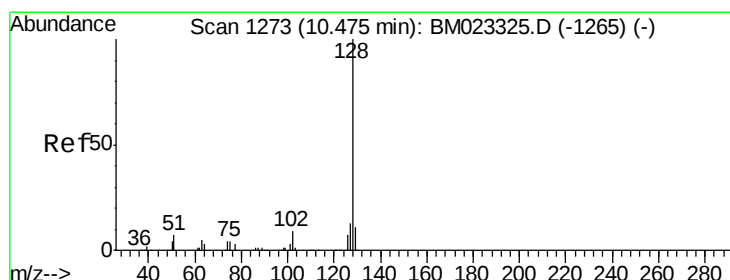
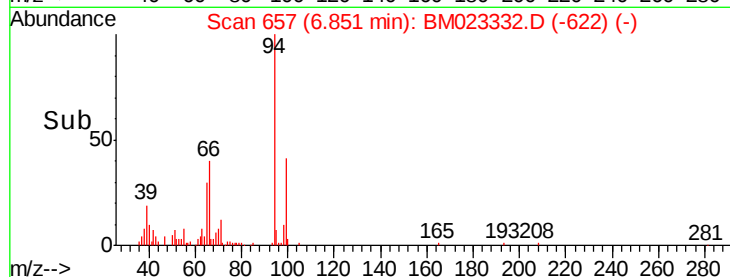
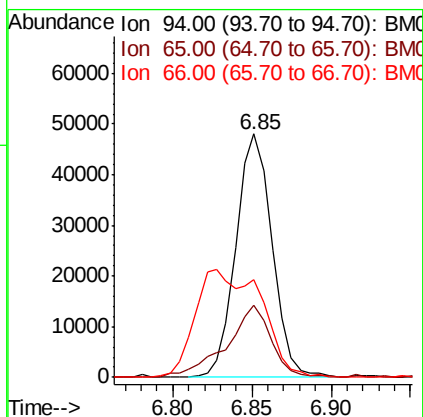
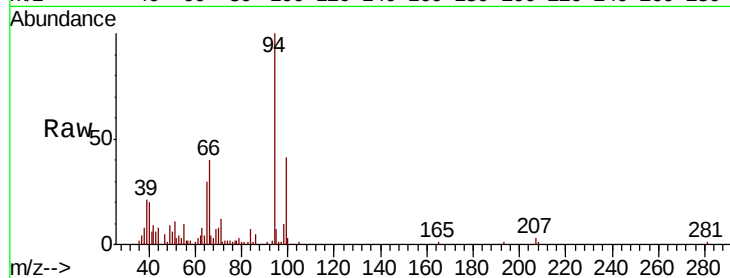
ClientSampleId :

BFB90

Tot Ion:	94	Resp:	76156
Ion Ratio	Lower	Upper	
94	100		
65	29.7	23.2	34.8
66	40.4	32.9	49.3

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#28

Naphthalene

Concen: 1.004 ng/ul

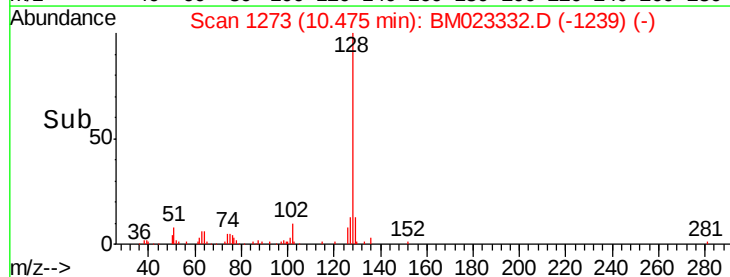
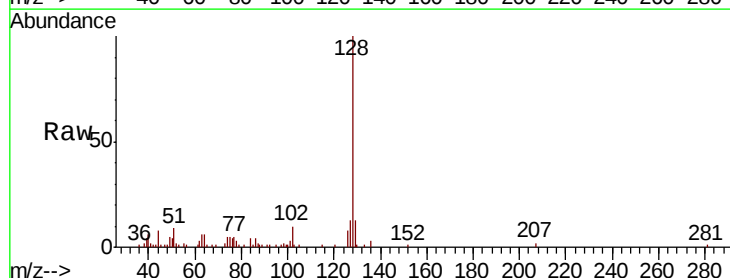
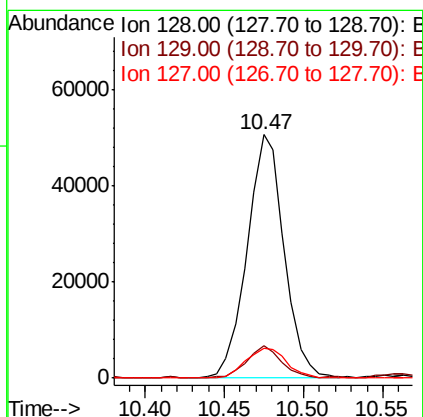
RT: 10.47 min Scan# 1273

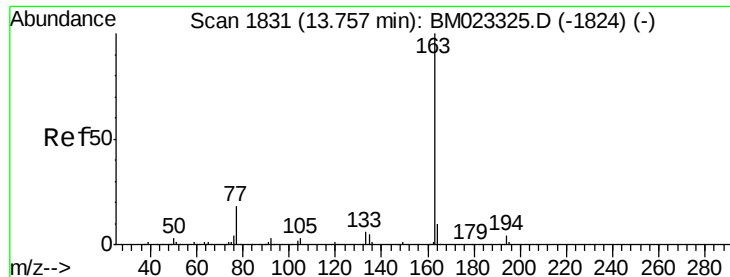
Delta R.T. -0.00 min

Lab File: BM023332.D

Acq: 22 Oct 2019 23:08

Tgt Ion:	128	Resp:	82089
Ion Ratio	Lower	Upper	
128	100		
129	13.4	8.8	13.2#
127	12.5	10.2	15.4





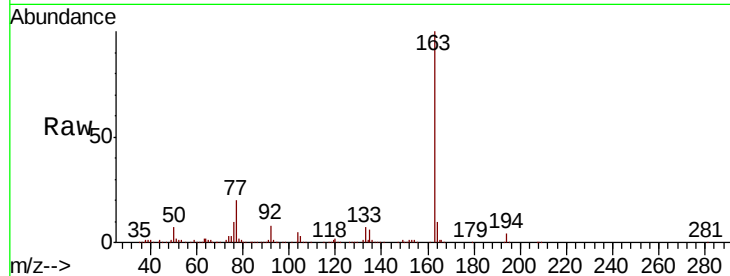
#45
Dimethylphthalate
Concen: 9.880 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Instrument :
BNA_M
ClientSampleId :
BFB90

Tot Ion	Ratio	Resp	Lower	Upper
163	100	740088		
194	4.5		3.4	5.2
164	10.0		7.8	11.6

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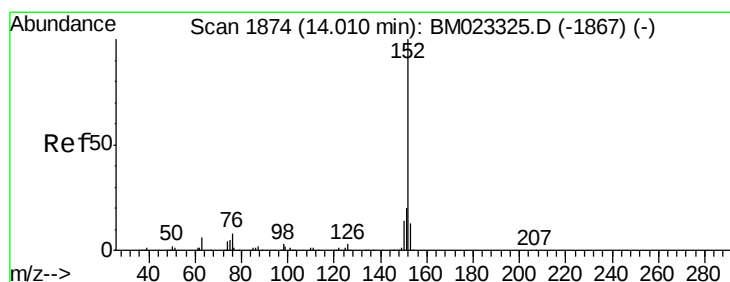
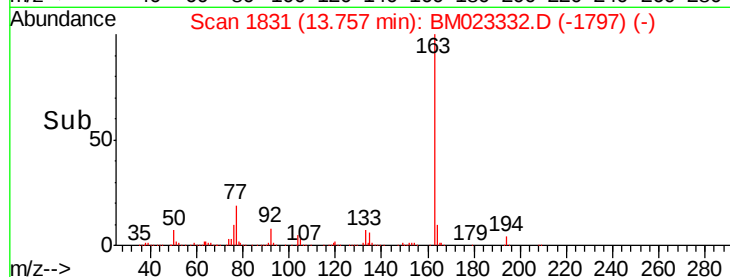
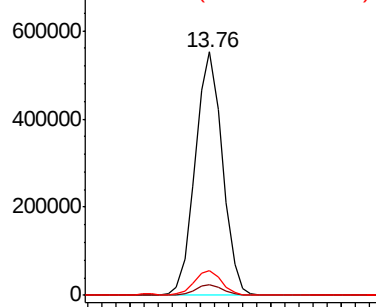


Abundance

Ion 163.00 (162.70 to 163.70): E

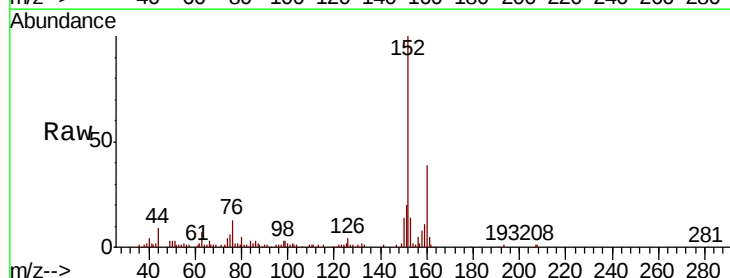
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 1.470 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	131962		
151	20.2		15.9	23.9
153	13.7		10.3	15.5

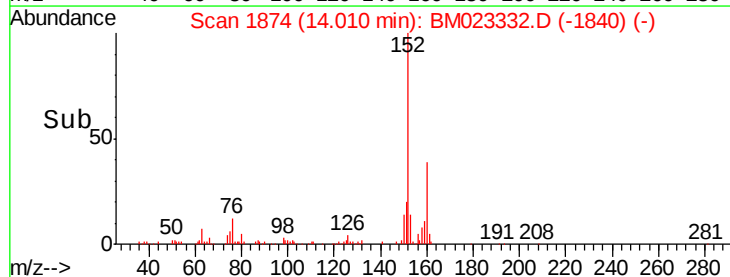
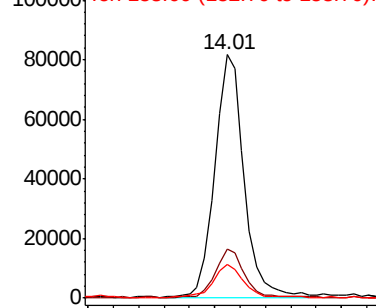


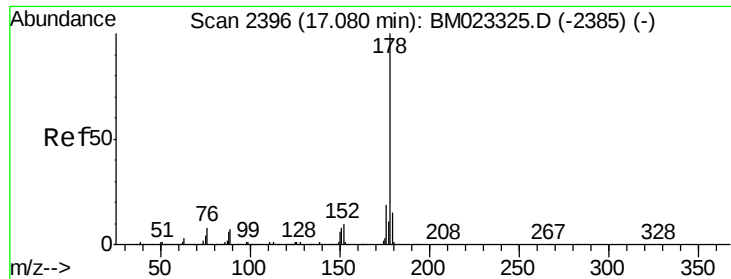
Abundance

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





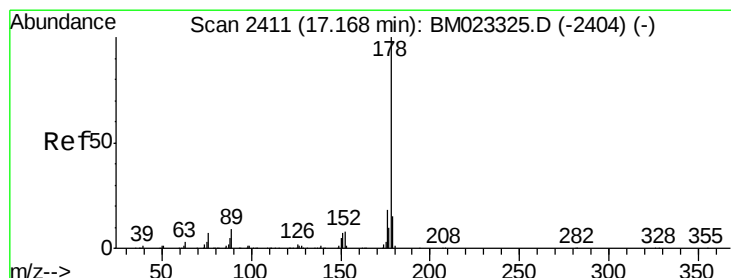
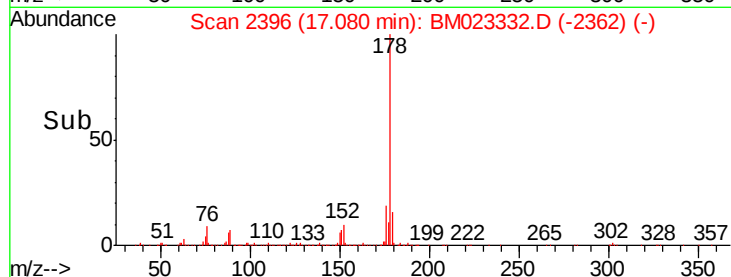
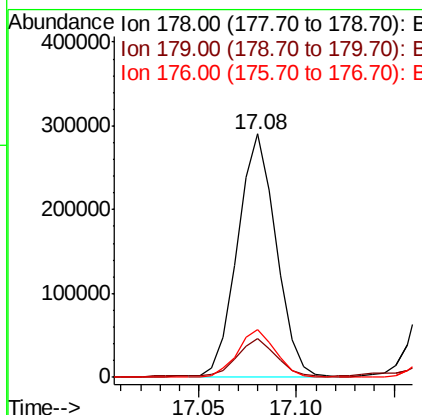
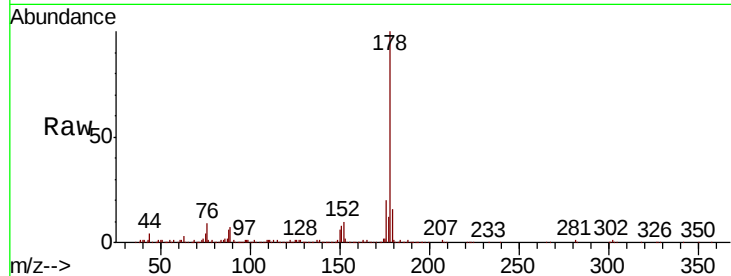
#70
Phenanthrene
Concen: 3.386 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Instrument :
BNA_M
ClientSampleId :
BFB90

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	19.6	15.0	22.4

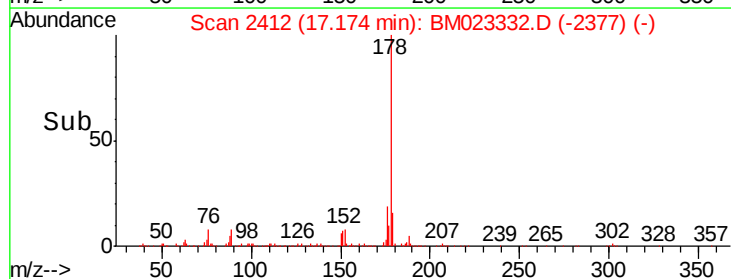
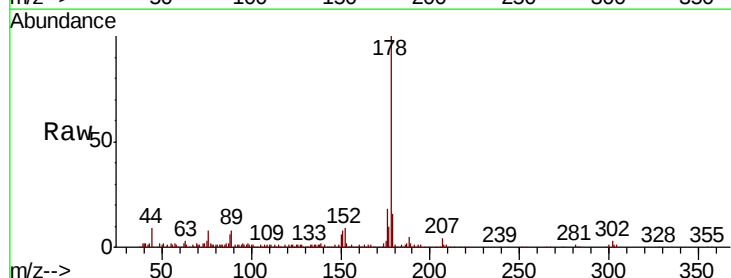
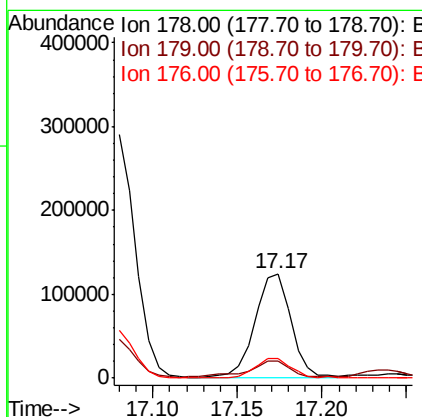
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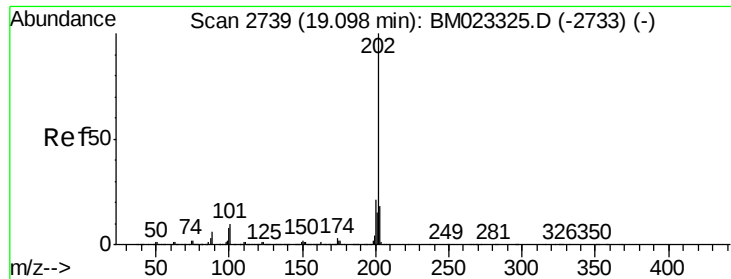
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#72
Anthracene
Concen: 1.509 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	18.4	14.8	22.2





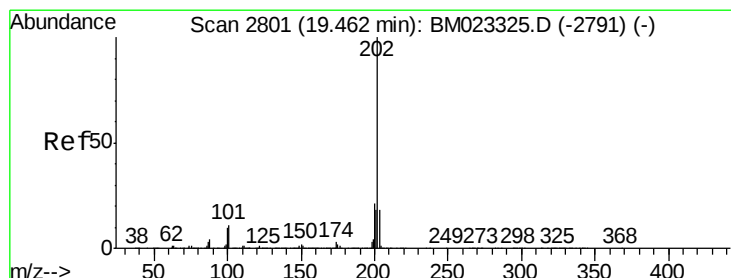
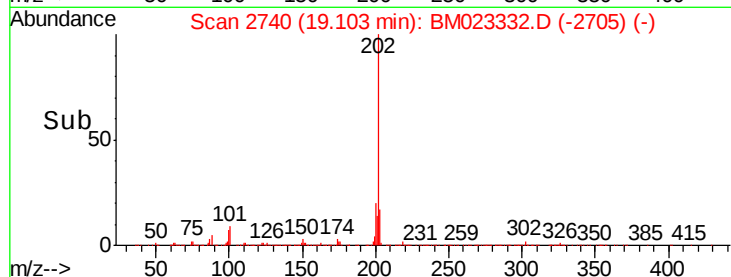
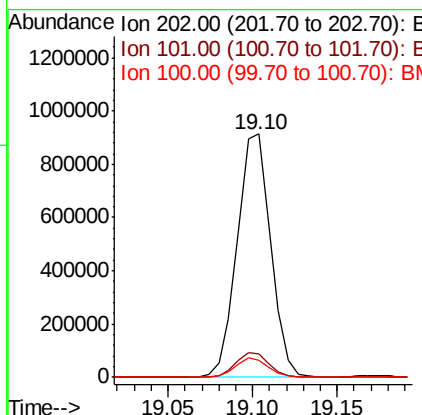
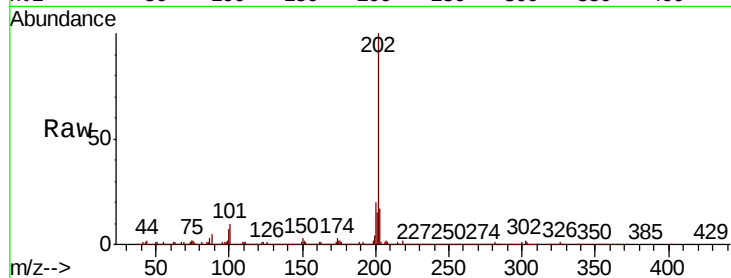
#77
 Fluoranthene
 Concen: 9.081 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. 0.01 min
 Lab File: BM023332.D
 Acq: 22 Oct 2019 23:08

Instrument :
 BNA_M
 ClientSampleId :
 BFB90

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.8	8.2	12.4		
100	7.2	6.1	9.1		

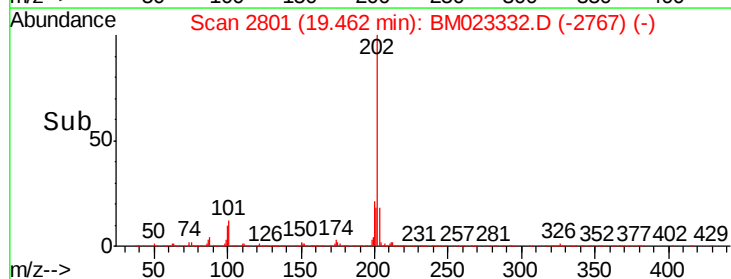
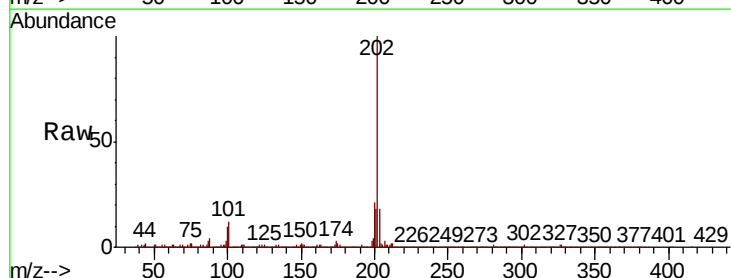
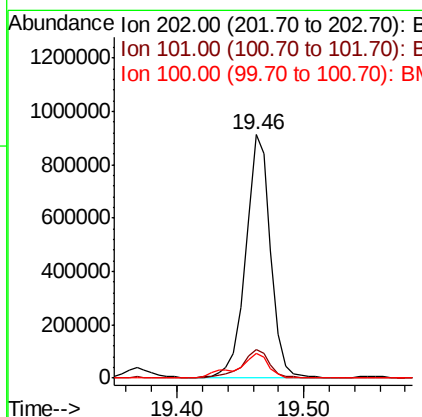
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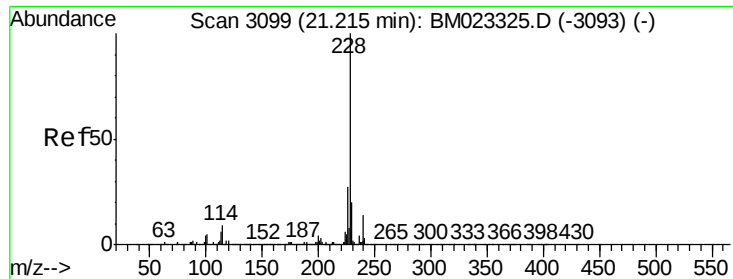
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#80
 Pyrene
 Concen: 9.291 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM023332.D
 Acq: 22 Oct 2019 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.7	9.0	13.6		
100	9.9	7.5	11.3		





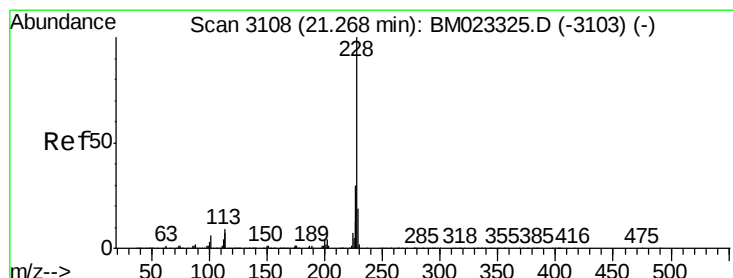
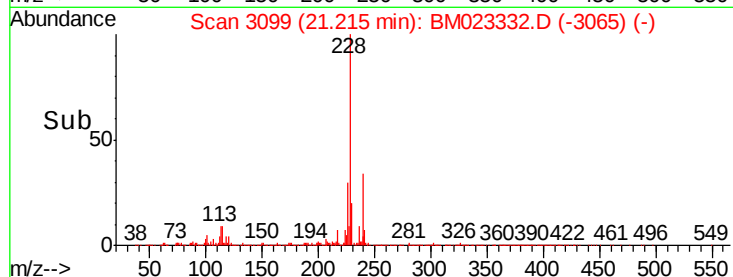
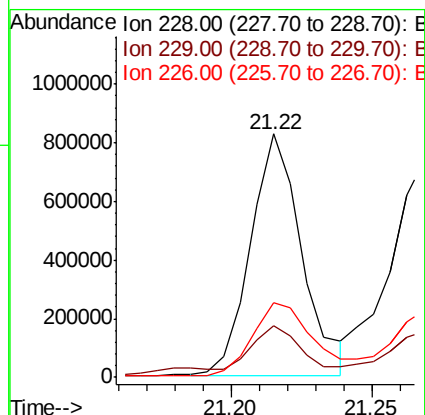
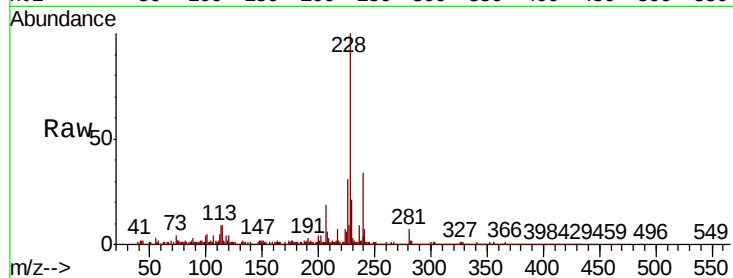
#83
Benzo(a)anthracene
Concen: 7.334 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Instrument :
BNA_M
ClientSampleId :
BFB90

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	30.7	21.5	32.3

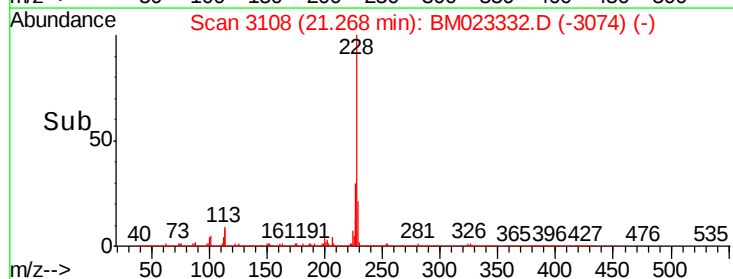
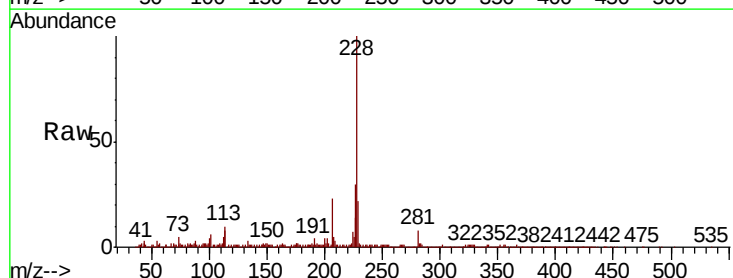
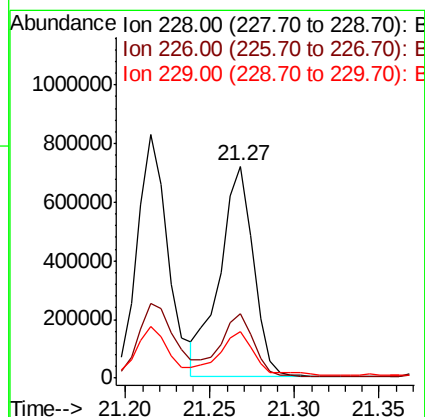
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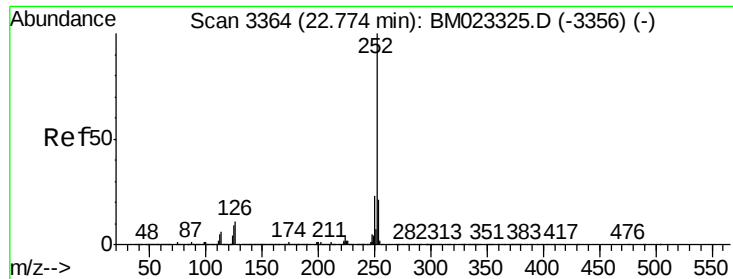
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#85
Chrysene
Concen: 7.520 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	21.7	15.5	23.3





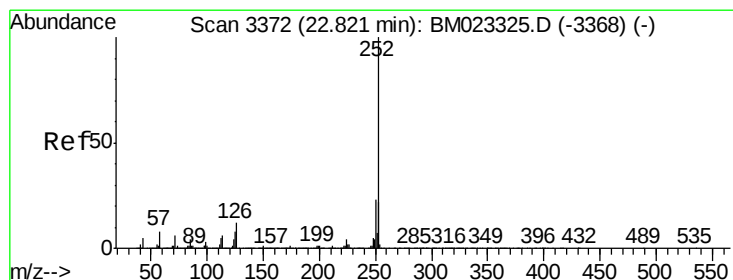
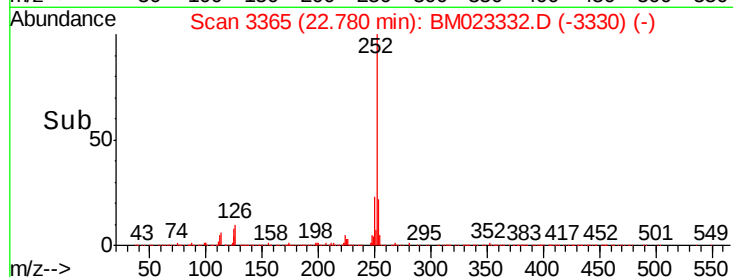
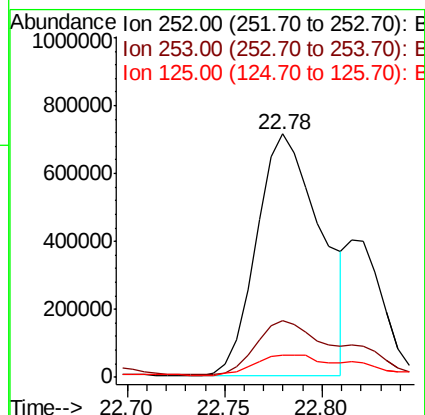
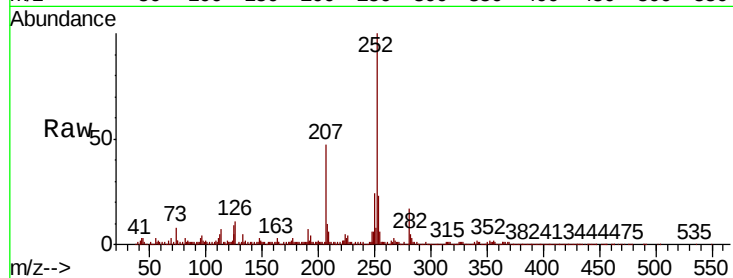
#88
Benzo(b)fluoranthene
Concen: 10.383 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Instrument :
BNA_M
ClientSampleId :
BFB90

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	9.0	7.0	10.4

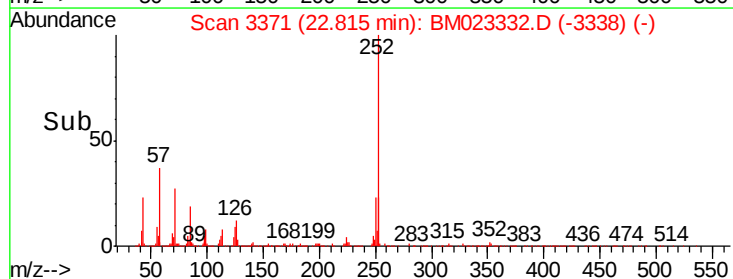
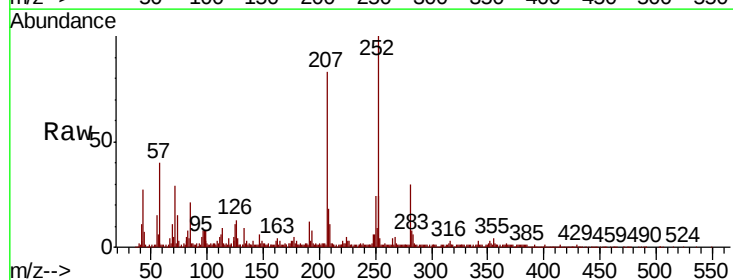
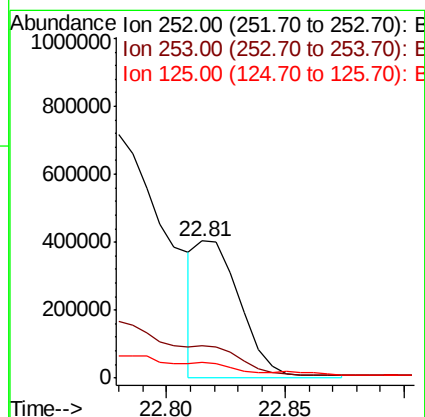
Manual Integrations
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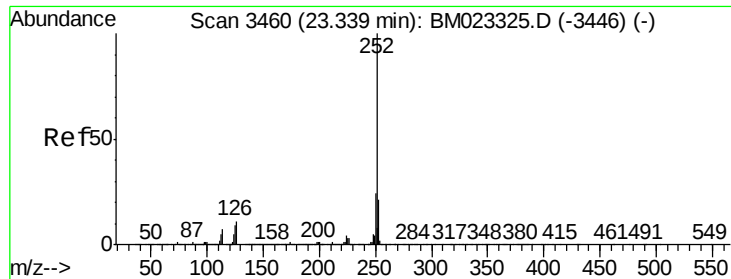
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#89
Benzo(k)fluoranthene
Concen: 3.396 ng/ul m
RT: 22.81 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	11.2	6.6	9.8





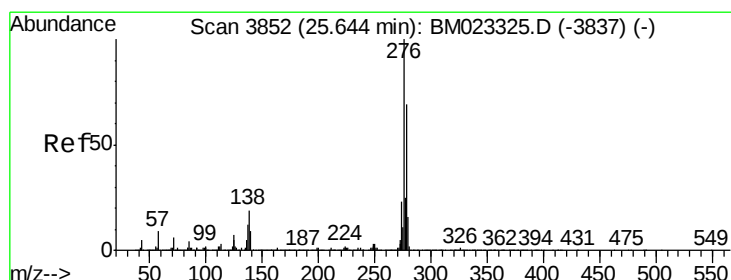
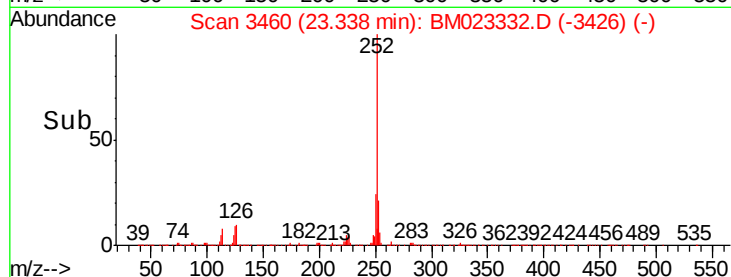
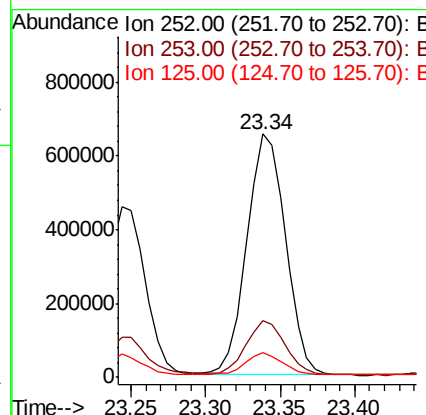
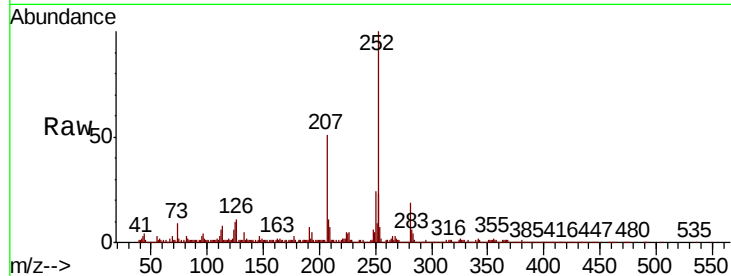
#91
Benzo(a)pyrene
Concen: 7.795 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Instrument :
BNA_M
ClientSampled :
BFB90

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	9.9	7.1	10.7

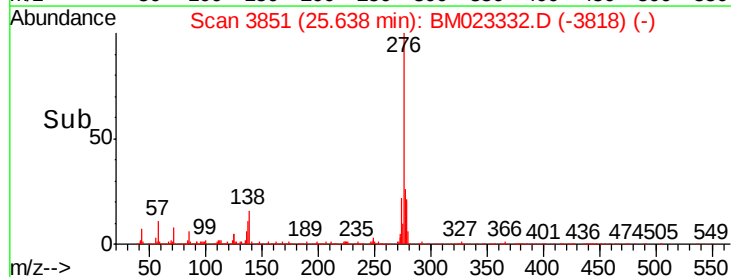
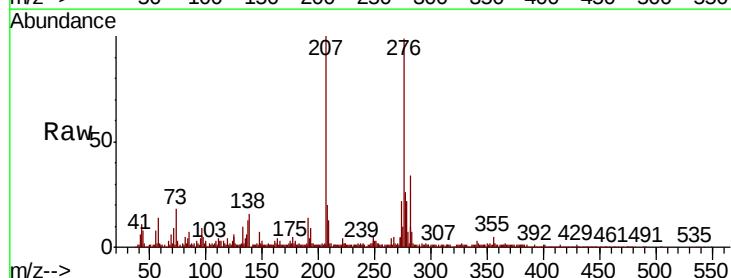
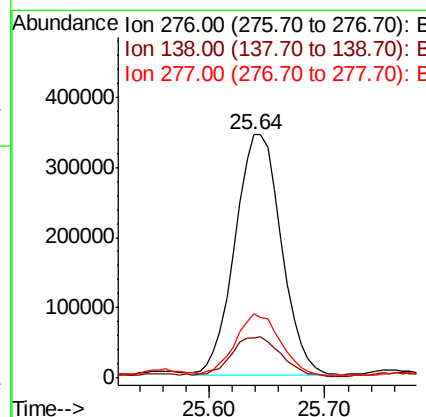
Manual Integrations
APPROVED

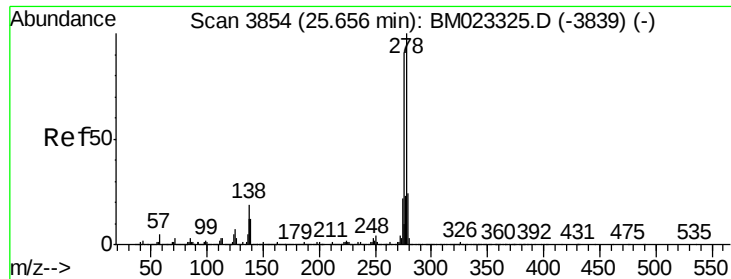
mohammad
10/24/2019 8:08:59 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.322 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.8	23.6
277	26.5	19.8	29.8





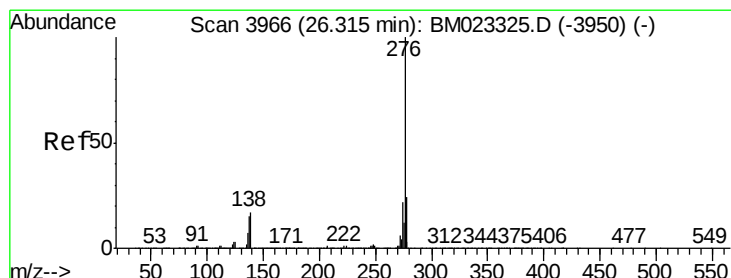
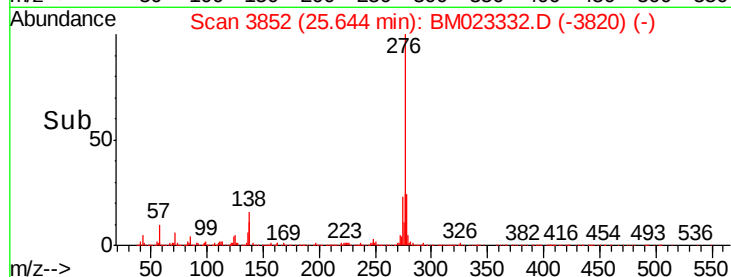
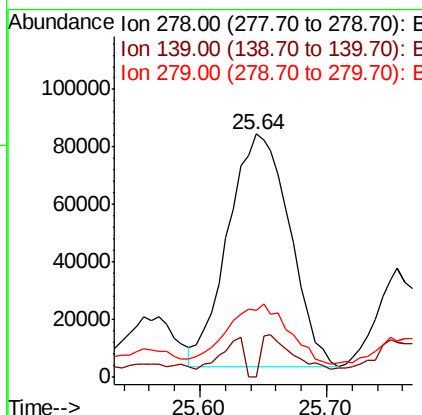
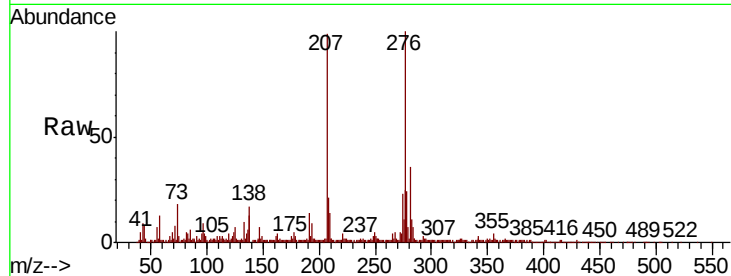
#93
Dibenzo(a,h)anthracene
Concen: 1.818 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Instrument :
BNA_M
ClientSampleId :
BFB90

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7#
279	27.5	19.7	29.5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:08:59 AM



#94
Benzo(g,h,i)perylene
Concen: 6.452 ng/ul
RT: 26.31 min Scan# 3966
Delta R.T. -0.00 min
Lab File: BM023332.D
Acq: 22 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.9	20.9
277	25.2	18.7	28.1

