

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
 Data File : BM023526.D
 Acq On : 31 Oct 2019 19:03
 Operator : JU
 Sample : K5395-10DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0003DL

Manual Integrations
 APPROVED

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 11/1/2019 4:15:22 PM

Quant Time: Nov 01 07:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 01 07:12:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	473482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1967782	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1209201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2608641	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	2603376	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	3135579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	3545	0.36	ng/uL	0.01
5) Phenol-d5	6.79	99	70199	1.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	45755	1.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	58284	1.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	48999	1.52	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	28570	1.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	27335	1.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	51634	1.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	32671	0.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	187345	2.04	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	206444	1.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	8926	0.56	ng/ul	0.02
58) Fluorene-d10	15.26	176	163286	2.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	8453	0.52	ng/ul	0.00
71) Anthracene-d10	17.10	188	269879	2.19	ng/ul	0.00
79) Pyrene-d10	19.41	212	296827	2.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	346459	2.17	ng/ul	0.00

Target Compounds

					Ovalue
48) Acenaphthylene	13.98	152	242431	2.223	ng/ul 99
70) Phenanthrene	17.05	178	3211660	22.031	ng/ul 100
72) Anthracene	17.14	178	649378	4.396	ng/ul 99
75) Carbazole	17.41	167	230936	1.855	ng/ul 99
77) Fluoranthene	19.07	202	8342760	54.864	ng/ul 98
80) Pyrene	19.44	202	7213796	39.240	ng/ul 100
83) Benzo(a)anthracene	21.19	228	3658180	21.010	ng/ul 99
85) Chrysene	21.24	228	3136323	19.522	ng/ul 98
88) Benzo(b)fluoranthene	22.75	252	4581826	22.752	ng/ul 99
89) Benzo(k)fluoranthene	22.79	252	1634863m	8.645	ng/ul
91) Benzo(a)pyrene	23.30	252	3314631	18.180	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.59	276	2525537	12.793	ng/ul 97
93) Dibenzo(a,h)anthracene	25.59	278	565330	3.396	ng/ul# 85
94) Benzo(g,h,i)perylene	26.26	276	2326778	14.487	ng/ul 99

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

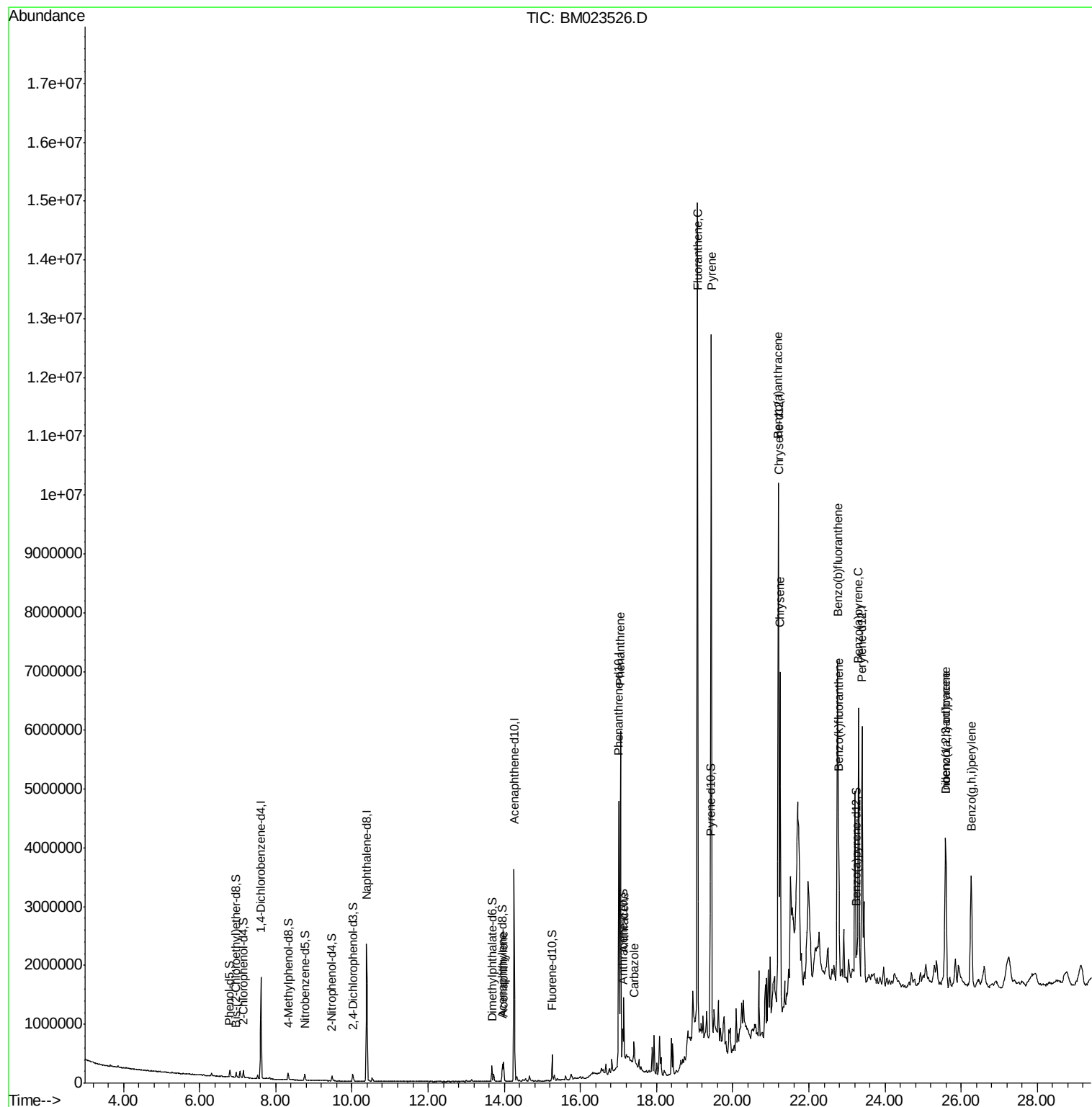
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023526.D
Acq On : 31 Oct 2019 19:03
Operator : JU
Sample : K5395-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

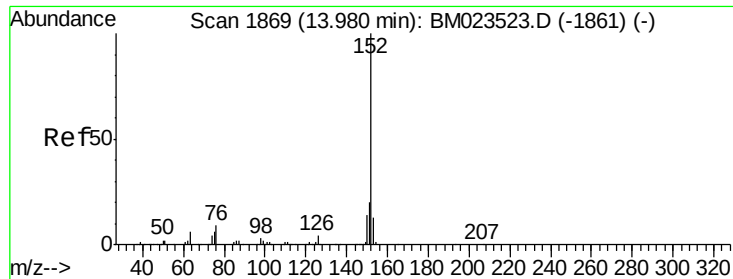
Instrument :
BNA_M
ClientSampleId :
C0003DL

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Quant Time: Nov 01 07:42:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration





#48

Acenaphthylene

Concen: 2.223 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM023526.D

Acq: 31 Oct 2019 19:03

Instrument :

BNA_M

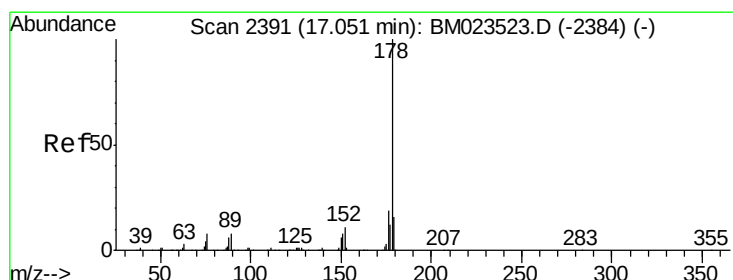
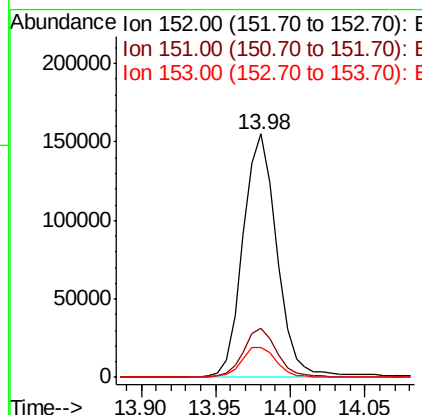
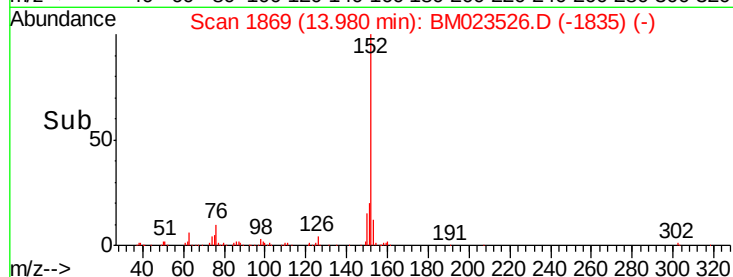
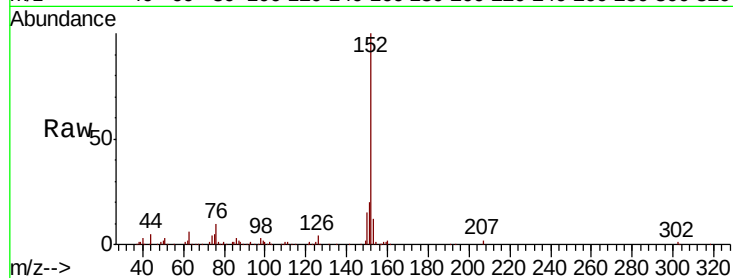
ClientSampleId :

C0003DL

Tot Ion:	152	Resp:	242431
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.2
153	12.4	10.4	15.6

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#70

Phenanthrene

Concen: 22.031 ng/ul

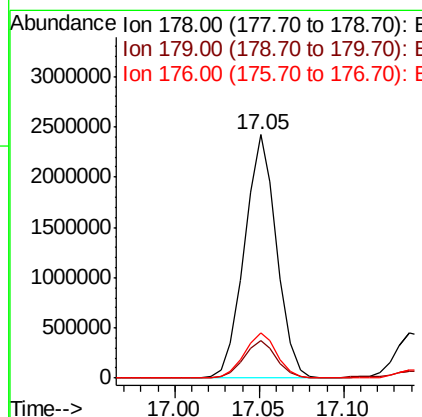
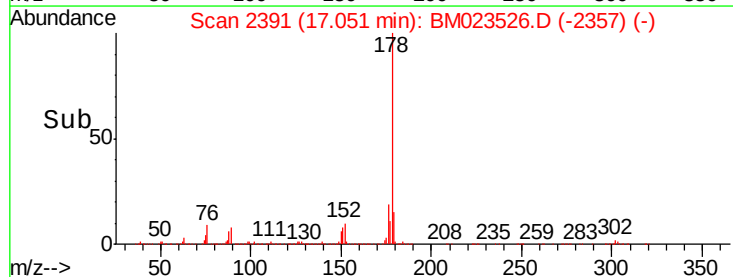
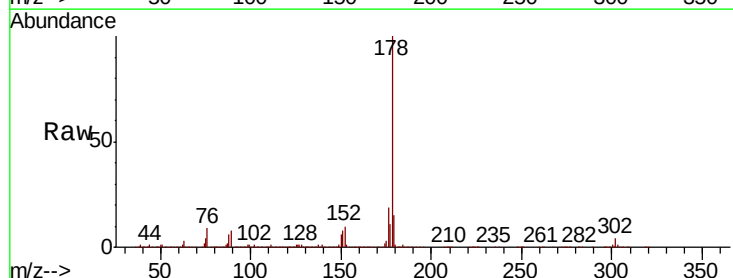
RT: 17.05 min Scan# 2391

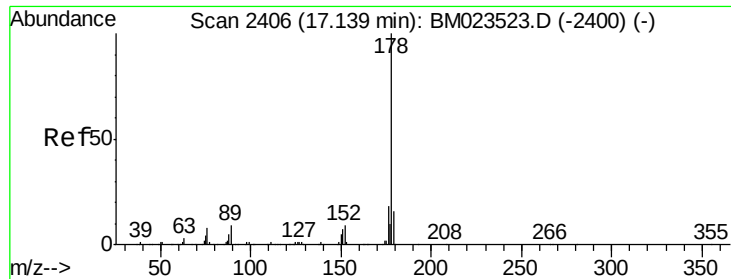
Delta R.T. 0.00 min

Lab File: BM023526.D

Acq: 31 Oct 2019 19:03

Tgt Ion:	178	Resp:	3211660
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.2
176	18.7	14.9	22.3





#72

Anthracene

Concen: 4.396 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM023526.D

Acq: 31 Oct 2019 19:03

Instrument :

BNA_M

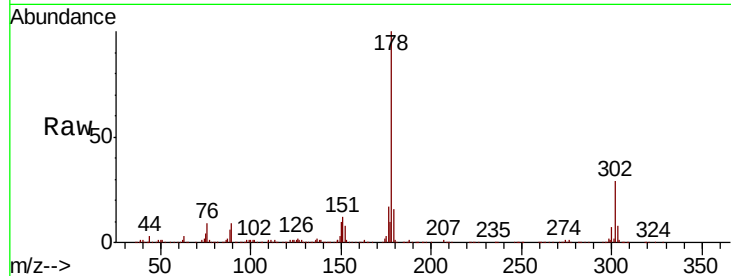
ClientSampled :

C0003DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	17.5	14.4	21.6

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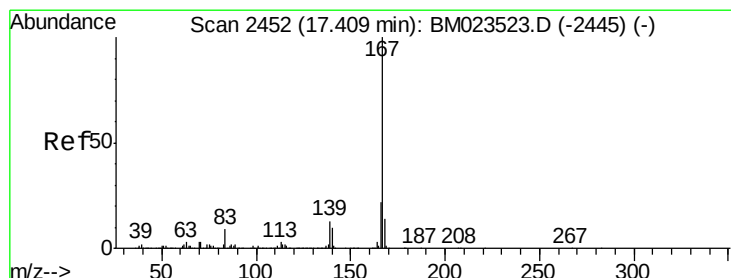
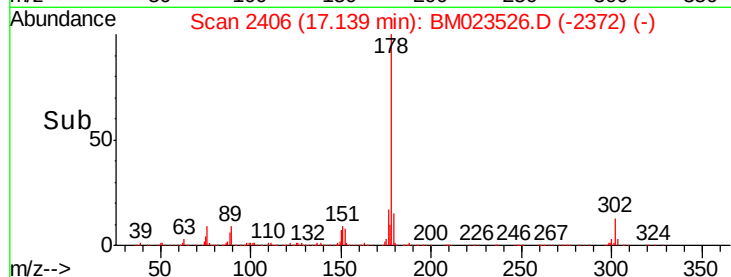
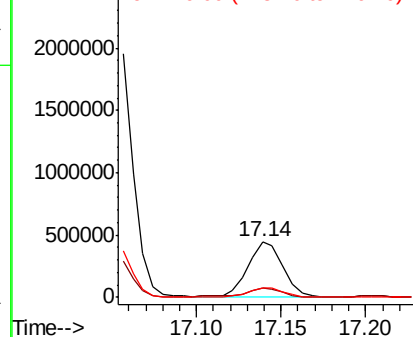


Abundance

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



#75

Carbazole

Concen: 1.855 ng/ul

RT: 17.41 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BM023526.D

Acq: 31 Oct 2019 19:03

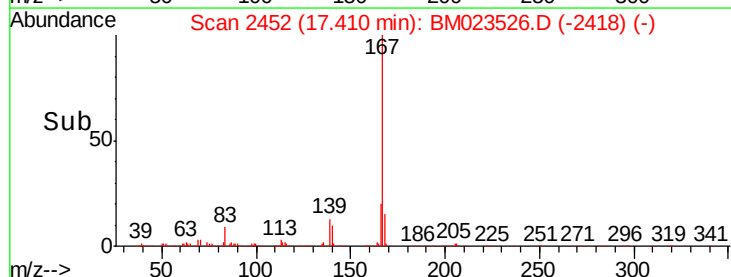
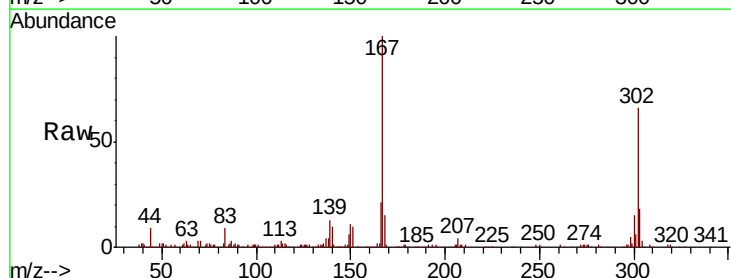
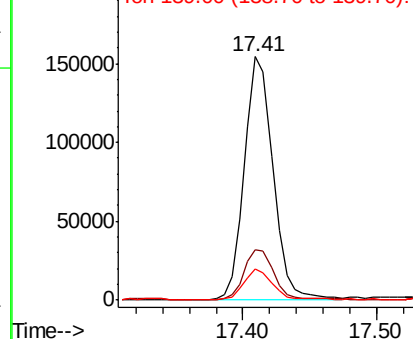
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.0	10.0	15.0

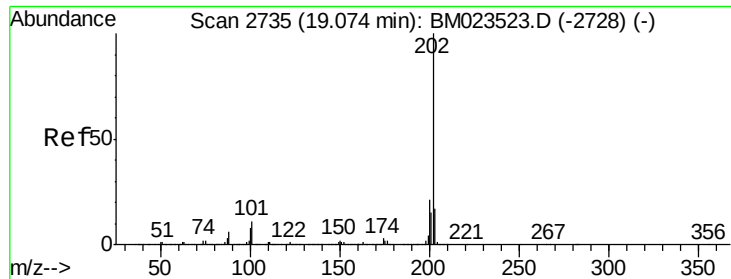
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





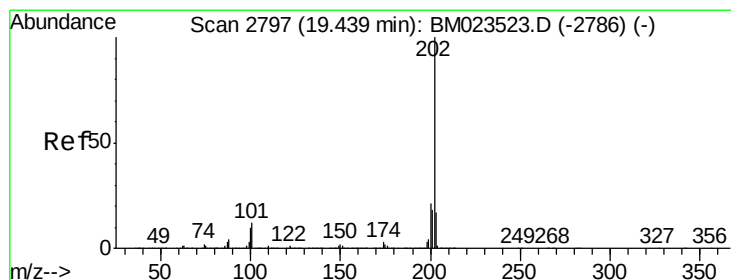
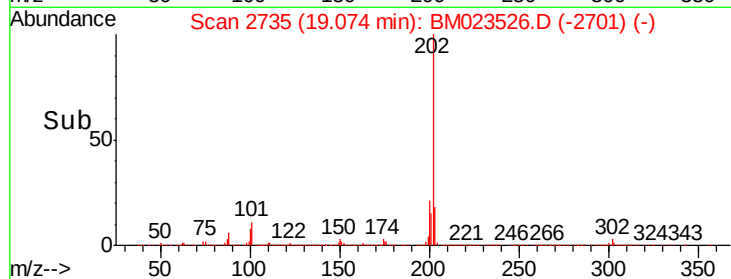
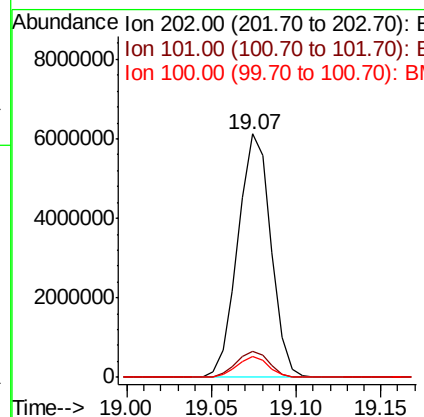
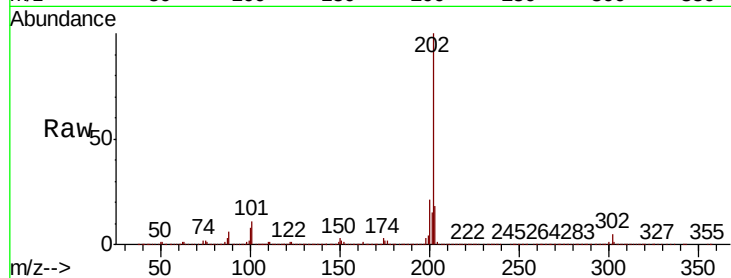
#77
 Fluoranthene
 Concen: 54.864 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: BM023526.D
 Acq: 31 Oct 2019 19:03

Instrument :
 BNA_M
 ClientSampleId :
 C0003DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.1	12.1
100	8.4	6.2	9.2

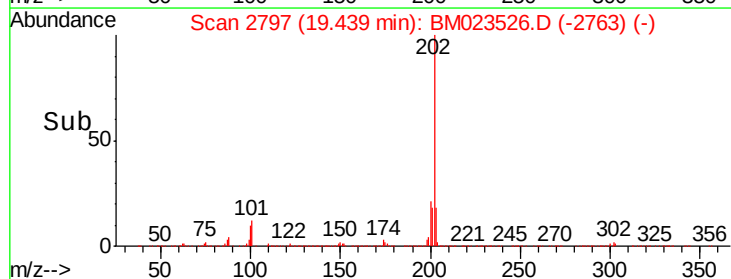
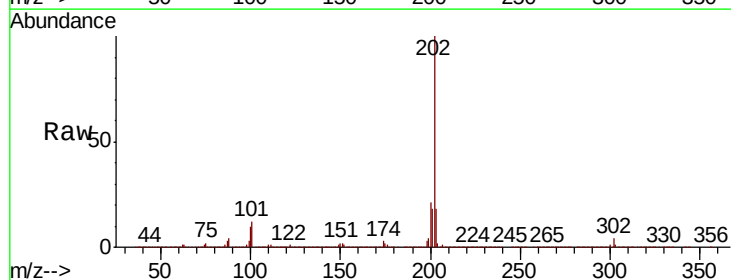
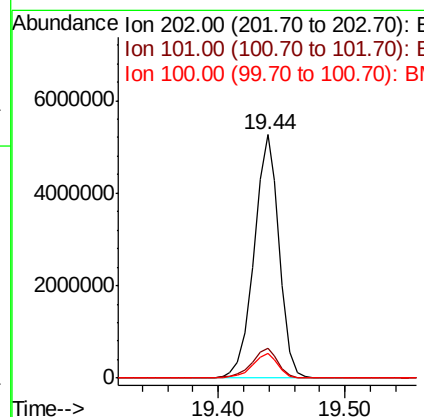
Manual Integrations
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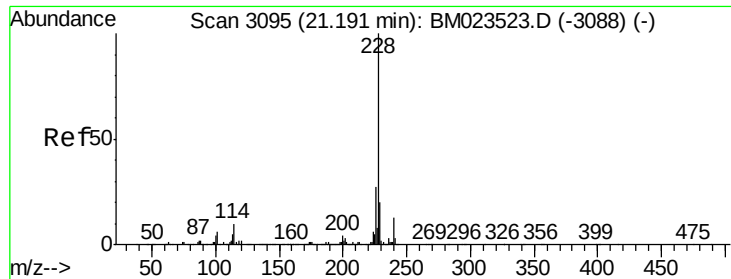
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#80
 Pyrene
 Concen: 39.240 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: BM023526.D
 Acq: 31 Oct 2019 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	10.3	8.3	12.5





#83

Benzo(a)anthracene

Concen: 21.010 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM023526.D

Acq: 31 Oct 2019 19:03

Instrument :

BNA_M

ClientSampleId :

C0003DL

Tot Ion:228 Resp: 3658180

Ion Ratio Lower Upper

228 100

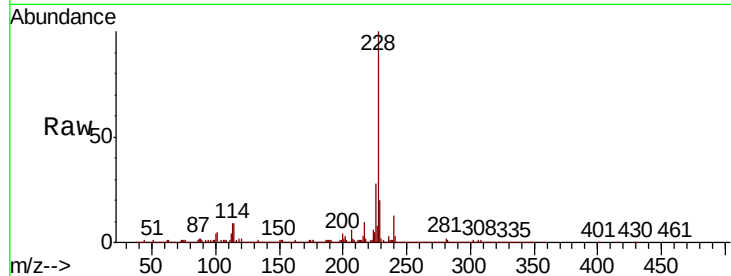
229 19.9 15.8 23.8

226 27.9 21.6 32.4

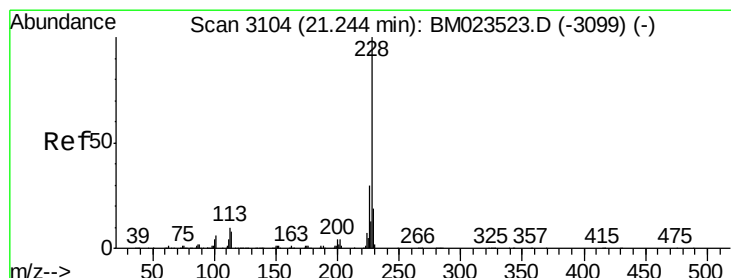
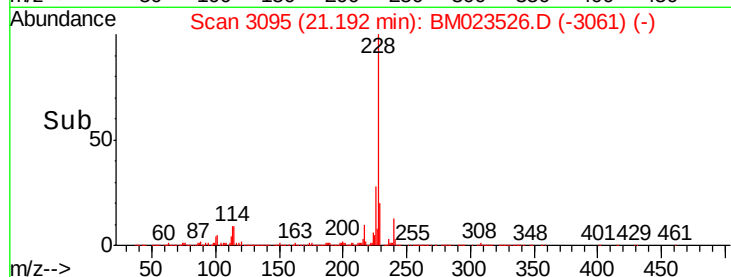
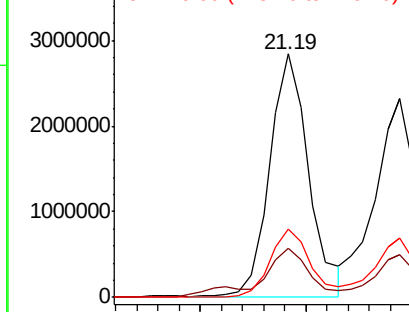
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 19.522 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM023526.D

Acq: 31 Oct 2019 19:03

Tgt Ion:228 Resp: 3136323

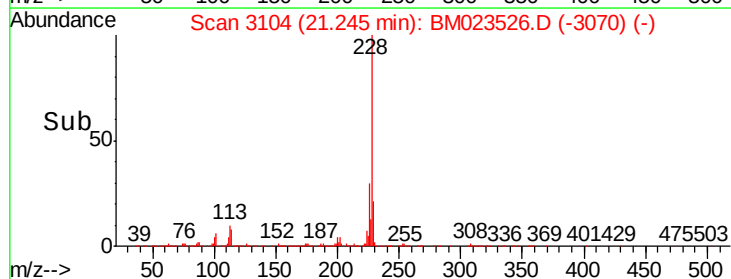
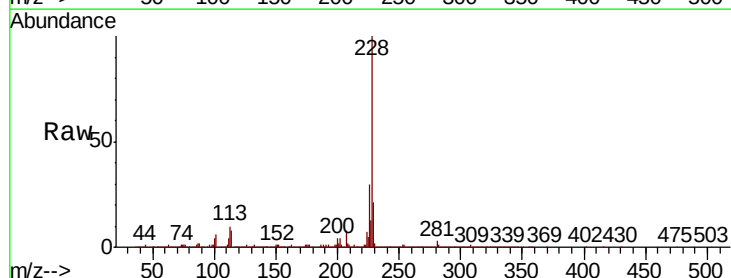
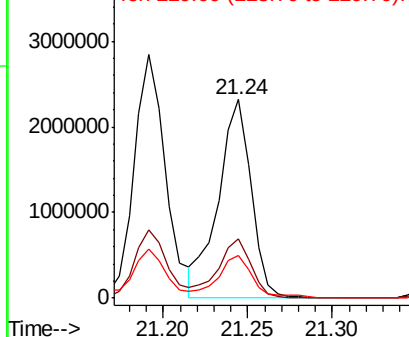
Ion Ratio Lower Upper

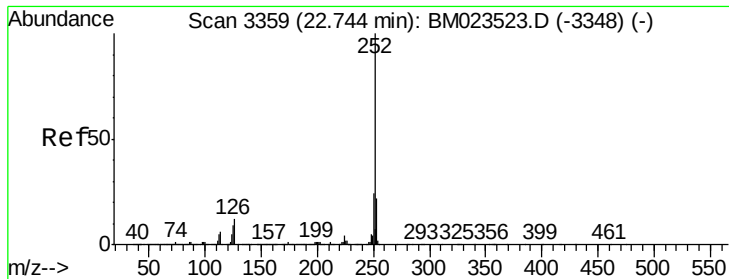
228 100

226 29.6 24.0 36.0

229 21.3 16.0 24.0

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





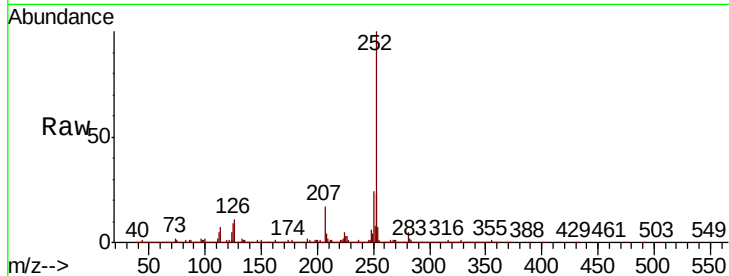
#88
Benzo(b)fluoranthene
Concen: 22.752 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.3	7.1	10.7

Manual Integrations
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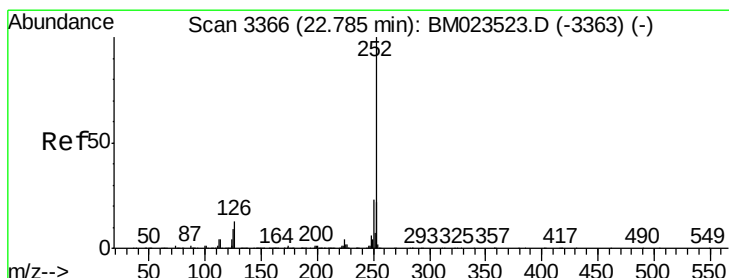
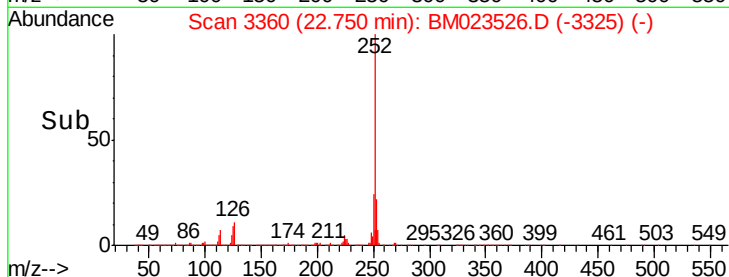
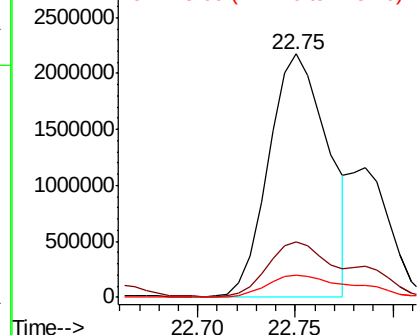


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 8.645 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

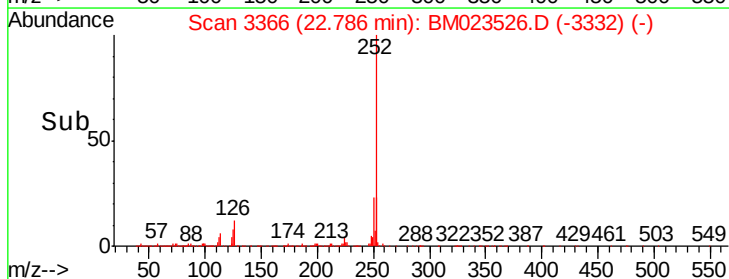
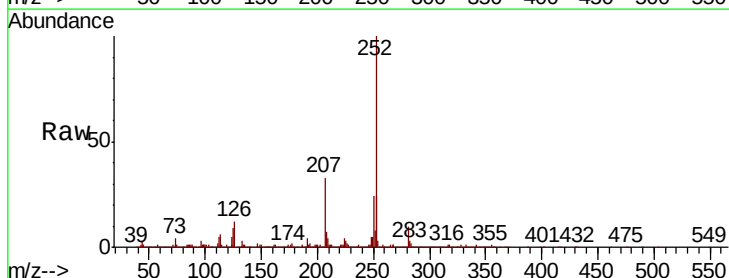
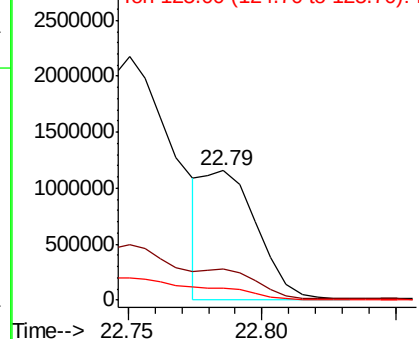
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	8.9	6.8	10.2

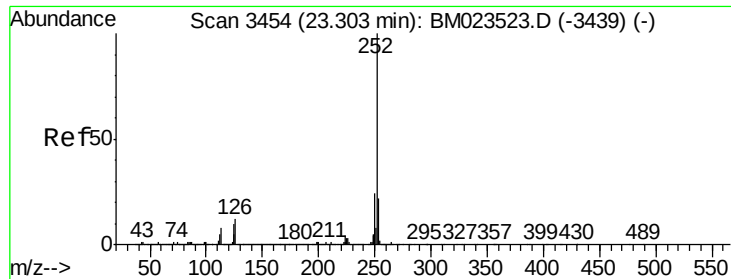
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





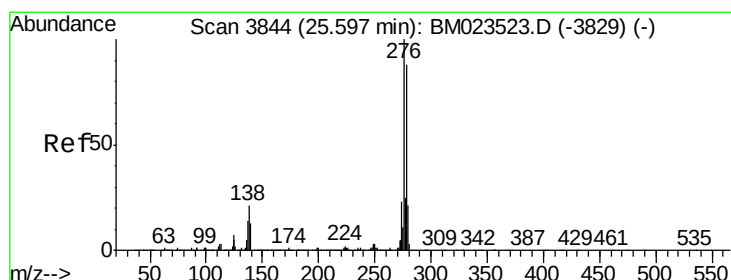
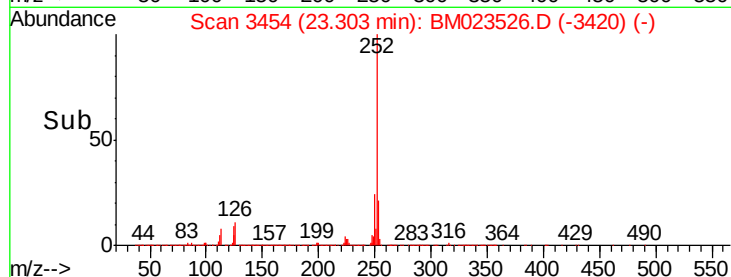
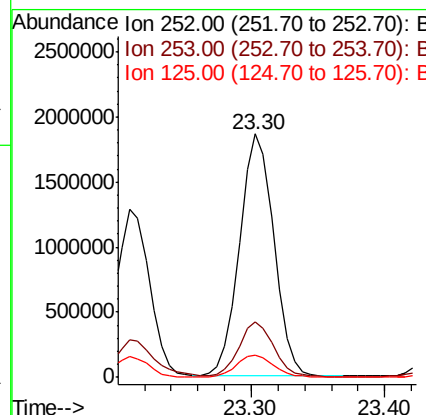
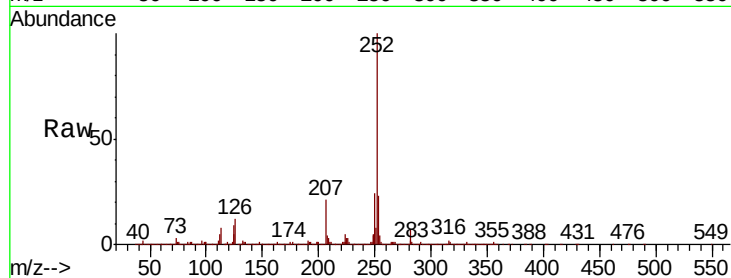
#91
Benzo(a)pyrene
Concen: 18.180 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampled :
C0003DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.2	7.5	11.3

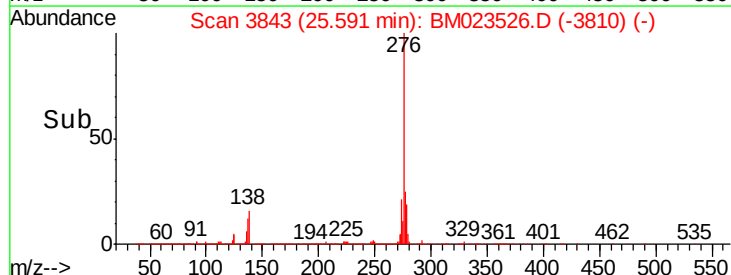
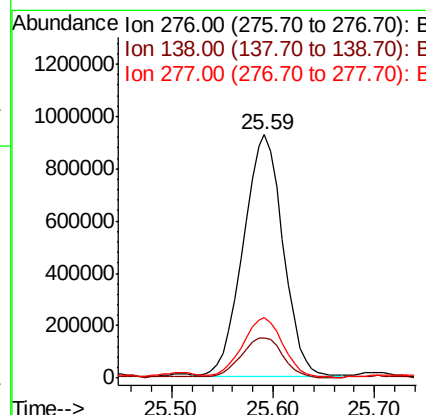
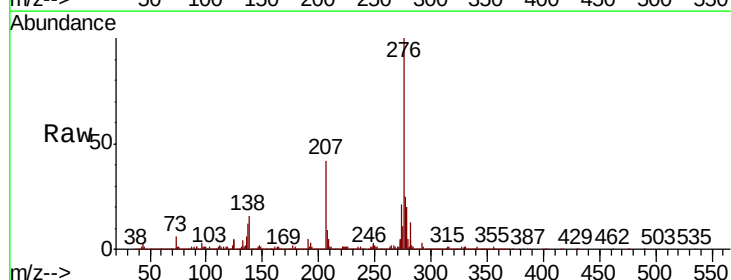
Manual Integrations
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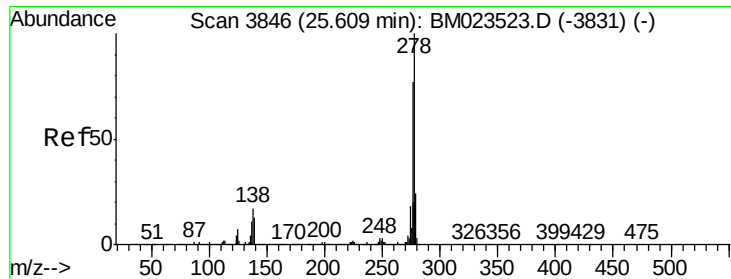
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#92
Indeno(1,2,3-cd)pyrene
Concen: 12.793 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.7	23.5
277	25.1	20.2	30.2





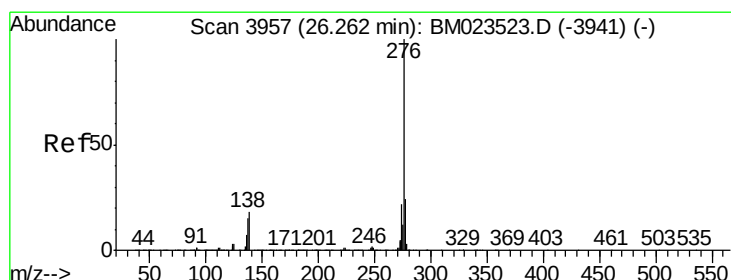
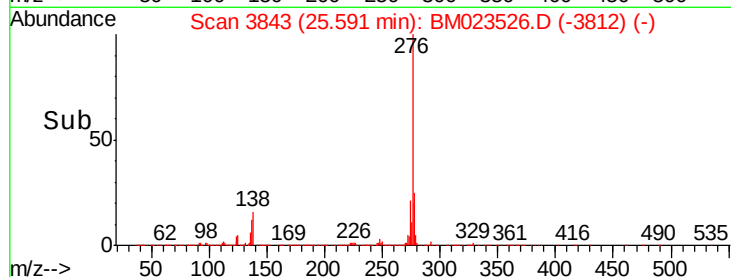
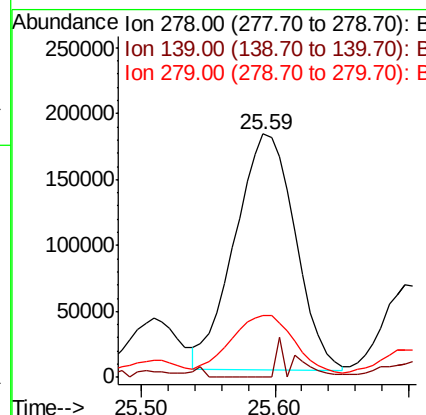
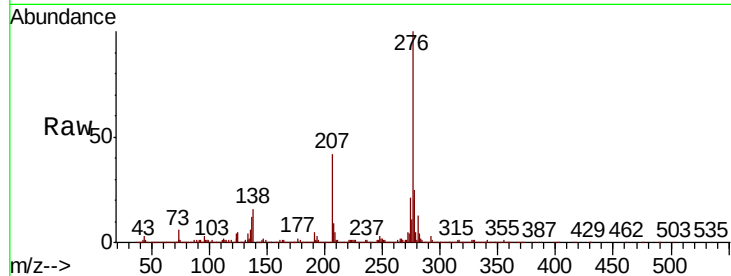
#93
Dibenzo(a,h)anthracene
Concen: 3.396 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.02 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampled :
C0003DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	25.6	18.7	28.1

Manual Integrations
APPROVED

mohammad
11/1/2019 4:15:22 PM



#94
Benzo(g,h,i)perylene
Concen: 14.487 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.4	21.6
277	24.1	19.0	28.6

