

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024060.D
 Acq On : 12 Dec 2019 15:57
 Operator : JU
 Sample : K6088-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP7

Manual Integrations
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Quant Time: Dec 13 03:32:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	378584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1585010	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	926792	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1804183	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1572513	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1885942	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	26902	3.16	ng/uL	0.00
5) Phenol-d5	6.66	99	518369	15.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	352114	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	417814	16.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	400427	15.30	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	201873	16.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	217945	15.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	413636	15.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	336575	11.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1367954	19.00	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1578257	18.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	110983	9.17	ng/ul	0.00
58) Fluorene-d10	15.13	176	1163293	19.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	139496	12.32	ng/ul	0.00
71) Anthracene-d10	16.99	188	1660371	19.27	ng/ul	0.00
79) Pyrene-d10	19.29	212	1805385	22.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2065605	20.72	ng/ul	-0.02

Target Compounds

					Qvalue
6) Phenol	6.69	94	41405	1.213 ng/ul	94
45) Dimethylphthalate	13.60	163	221741	3.146 ng/ul	100
48) Acenaphthylene	13.85	152	104666	1.226 ng/ul	100
70) Phenanthrene	16.93	178	712585	6.992 ng/ul	100
72) Anthracene	17.02	178	154973	1.498 ng/ul	99
77) Fluoranthene	18.96	202	2167550	19.831 ng/ul	98
80) Pyrene	19.32	202	1894172	17.878 ng/ul	97
83) Benzo(a)anthracene	21.07	228	896999	8.534 ng/ul	98
85) Chrysene	21.13	228	855469	8.667 ng/ul	96
88) Benzo(b)fluoranthene	22.60	252	1416749	12.147 ng/ul	97
89) Benzo(k)fluoranthene	22.63	252	417356m	3.770 ng/ul	
91) Benzo(a)pyrene	23.14	252	997491	9.045 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.34	276	747517	5.459 ng/ul	97
93) Dibenzo(a,h)anthracene	25.34	278	179537	1.561 ng/ul#	83
94) Benzo(g,h,i)perylene	25.99	276	747319	6.517 ng/ul	97

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

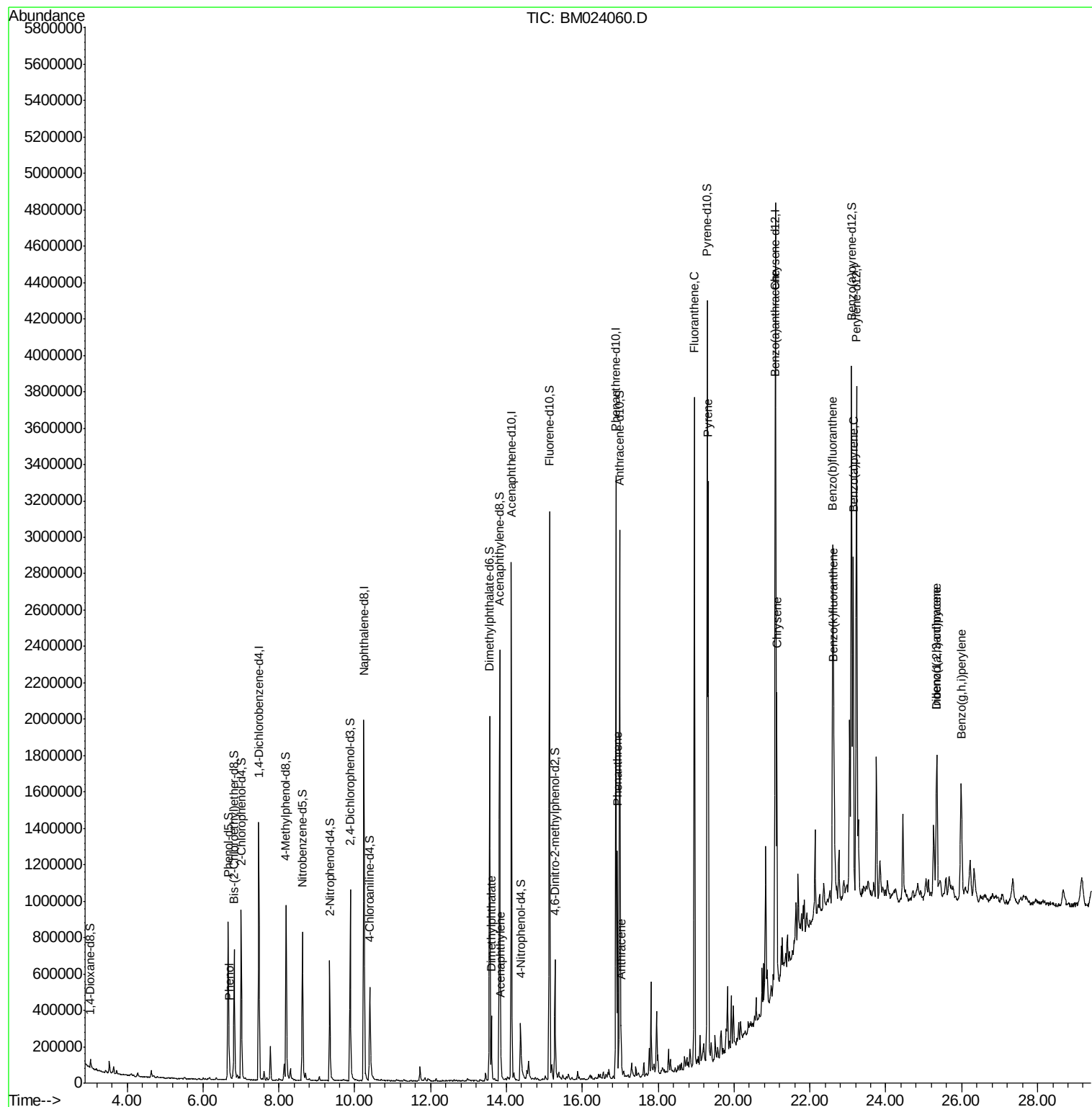
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024060.D
Acq On : 12 Dec 2019 15:57
Operator : JU
Sample : K6088-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

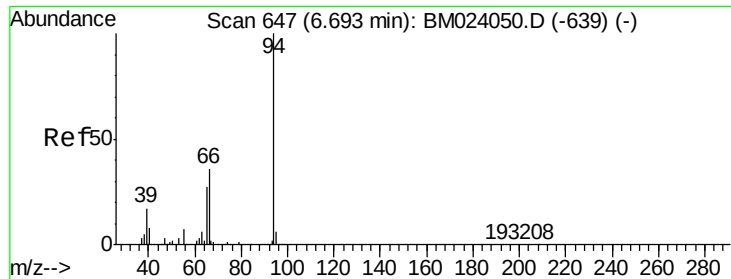
Instrument :
BNA_M
ClientSampleId :
C0BP7

Quant Time: Dec 13 03:32:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
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#6

Phenol

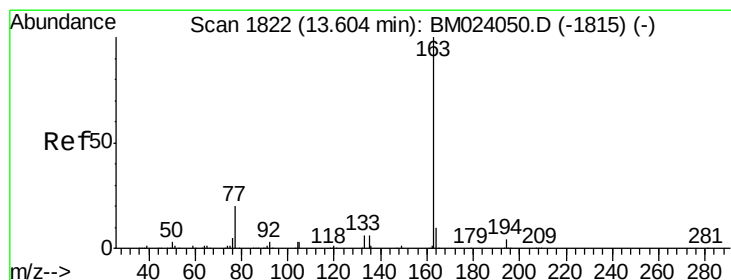
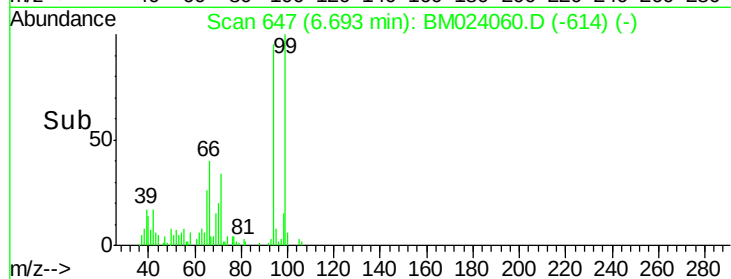
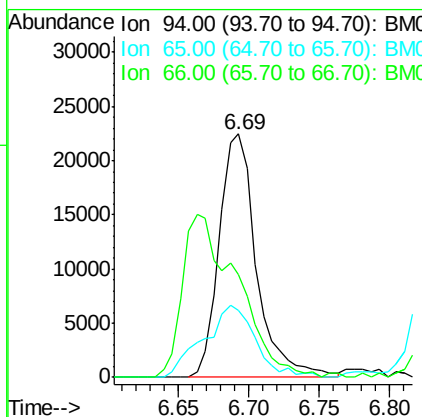
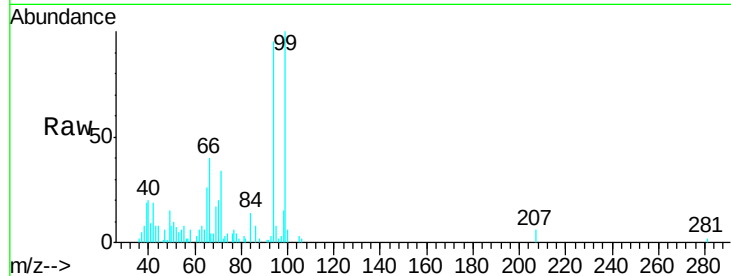
Concen: 1.213 ng/ul
 RT: 6.69 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 C0BP7

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	21.7	32.5
66	42.1	28.8	43.2

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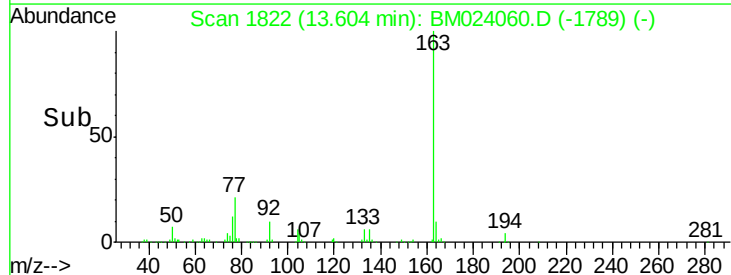
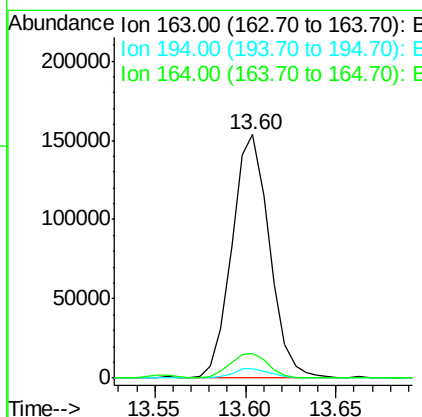
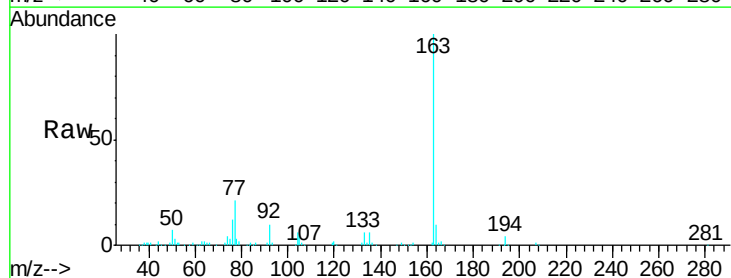


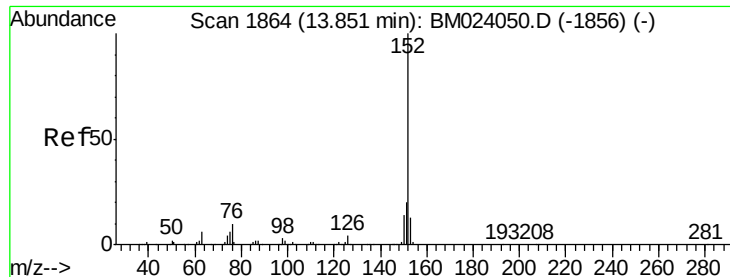
#45

Dimethylphthalate

Concen: 3.146 ng/ul
 RT: 13.60 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	7.9	11.9





#48

Acenaphthylene

Concen: 1.226 ng/ul

RT: 13.85 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

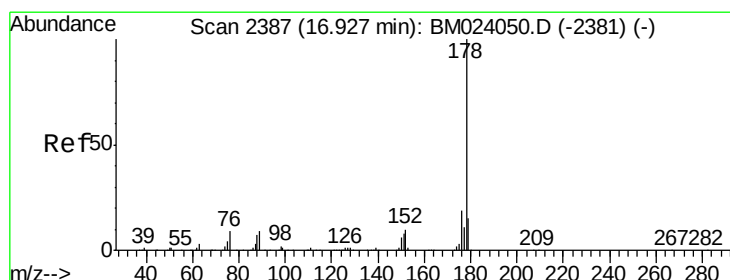
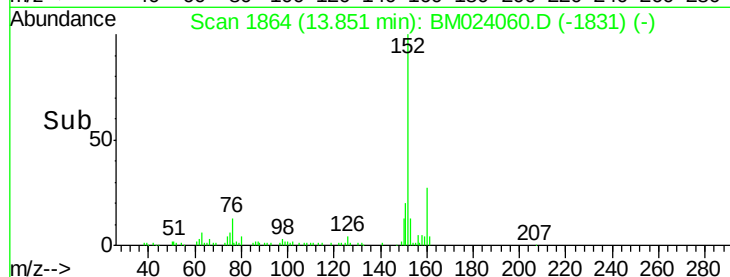
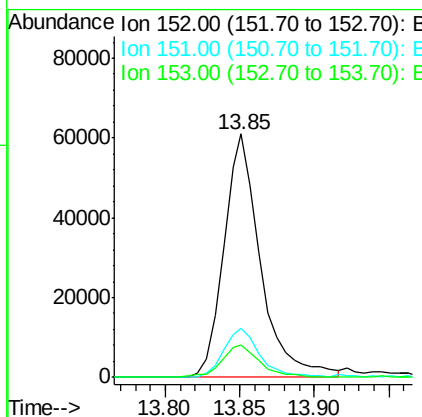
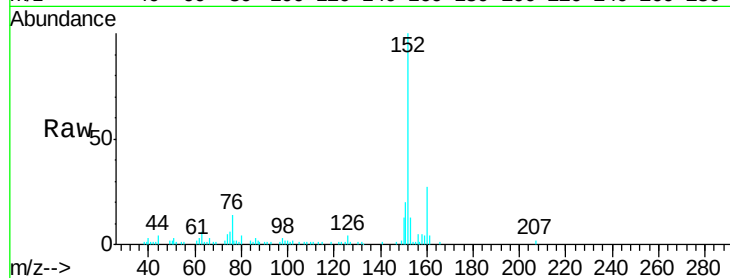
ClientSampleId :

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Tgt Ion:	152	Resp:	104666
Ion Ratio		Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.2	10.6	15.8

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#70

Phenanthrene

Concen: 6.992 ng/ul

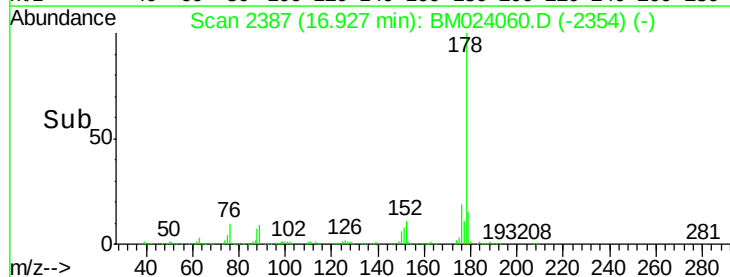
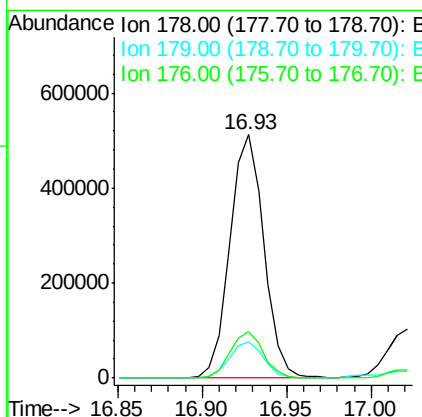
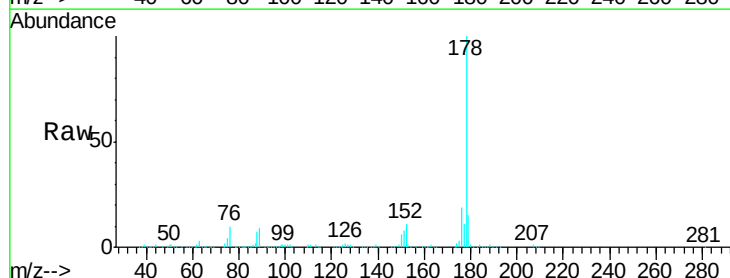
RT: 16.93 min Scan# 2387

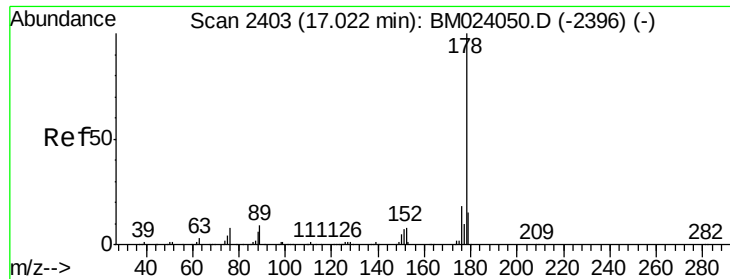
Delta R.T. -0.01 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Tgt Ion:	178	Resp:	712585
Ion Ratio		Lower	Upper
178	100		
179	14.7	12.0	18.0
176	19.0	15.1	22.7





#72

Anthracene

Concen: 1.498 ng/ul

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

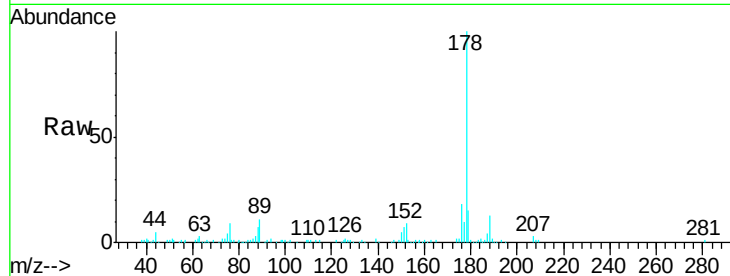
ClientSampleId :

C0BP7

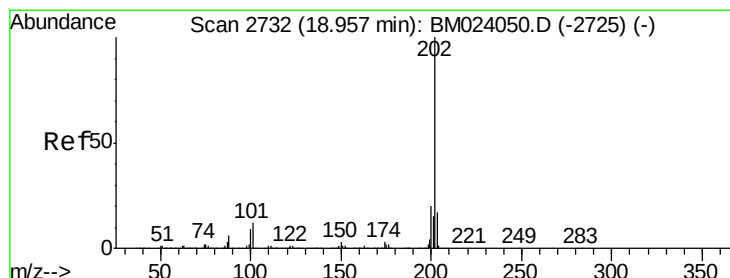
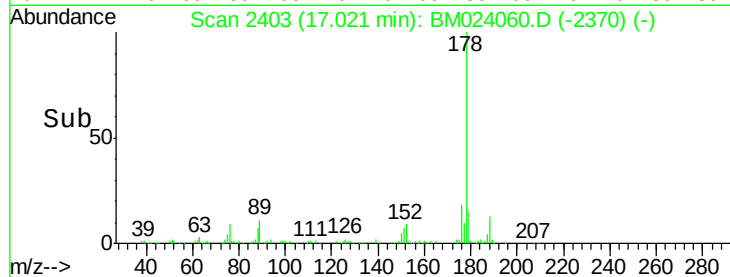
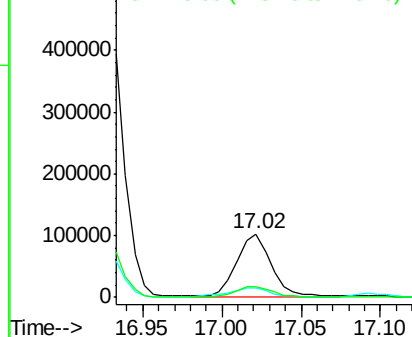
Tgt Ion:	178	Resp:	154973
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.9	17.9
176	17.7	14.7	22.1

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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: 19.831 ng/ul

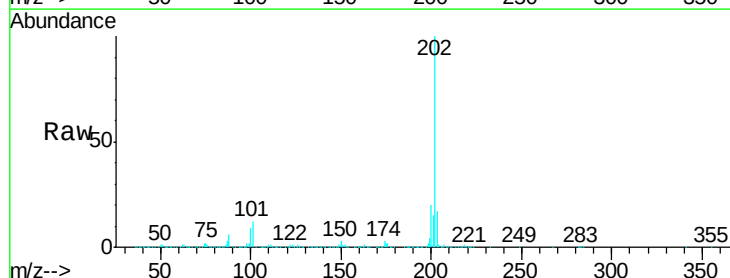
RT: 18.96 min Scan# 2732

Delta R.T. -0.01 min

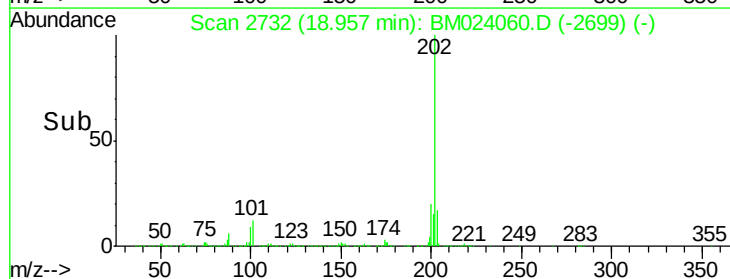
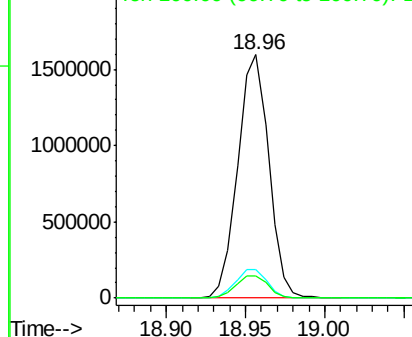
Lab File: BM024060.D

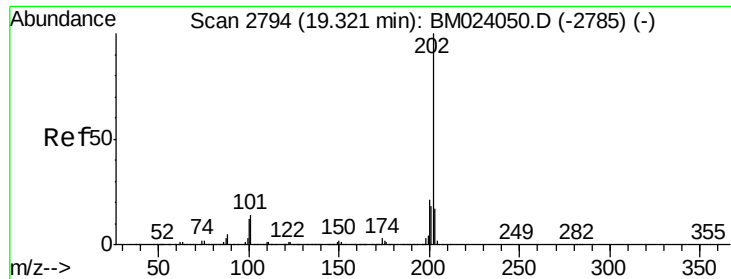
Acq: 12 Dec 2019 15:57

Tgt Ion:	202	Resp:	2167550
Ion Ratio	Lower	Upper	
202	100		
101	11.6	10.1	15.1
100	9.4	7.8	11.6



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): B





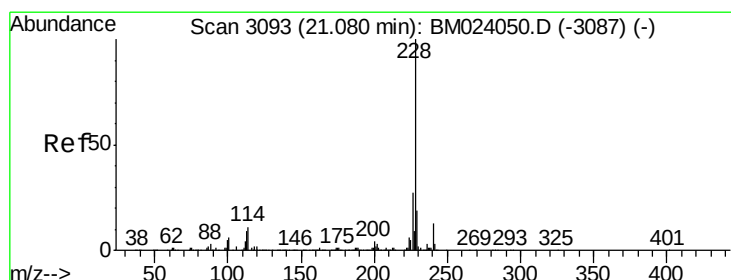
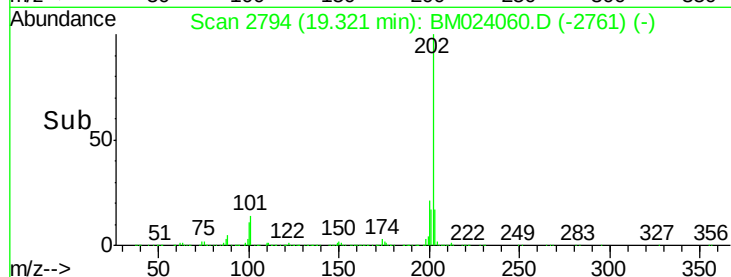
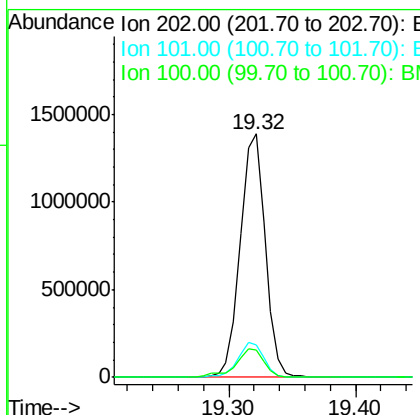
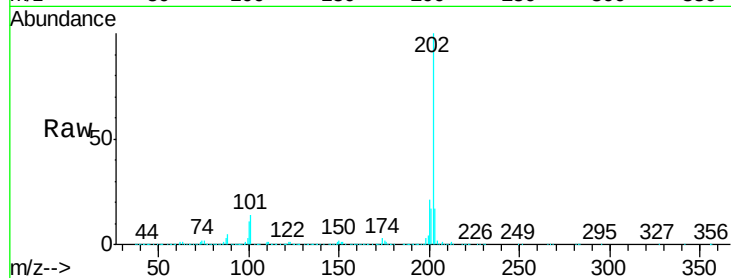
#80
 Pyrene
 Concen: 17.878 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.8	17.6
100	11.0	9.8	14.6

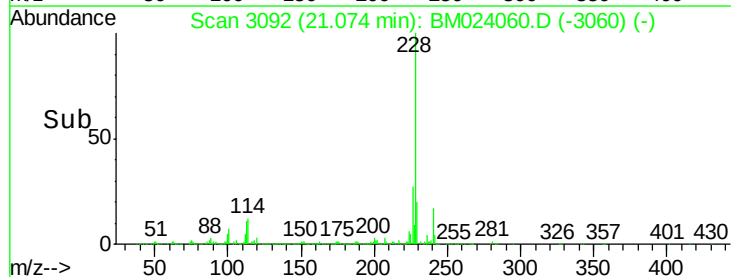
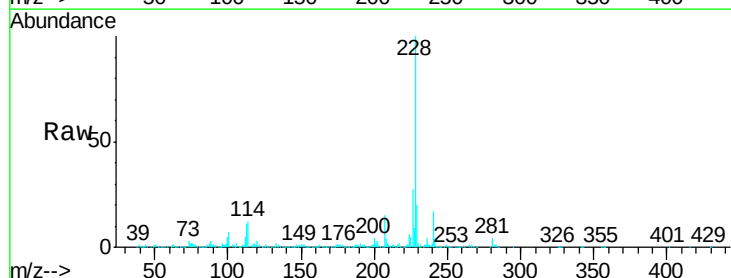
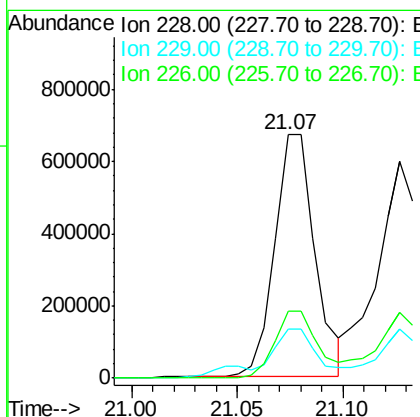
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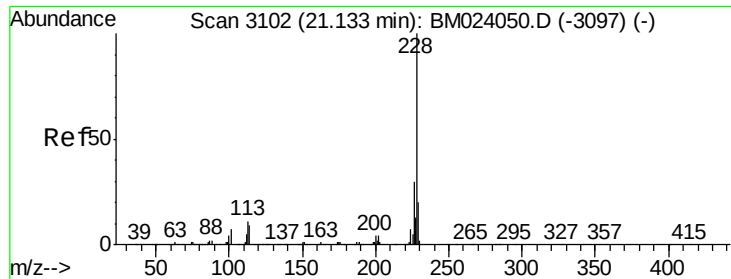
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#83
 Benzo(a)anthracene
 Concen: 8.534 ng/ul
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.5	21.4	32.0





#85

Chrysene

Concen: 8.667 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

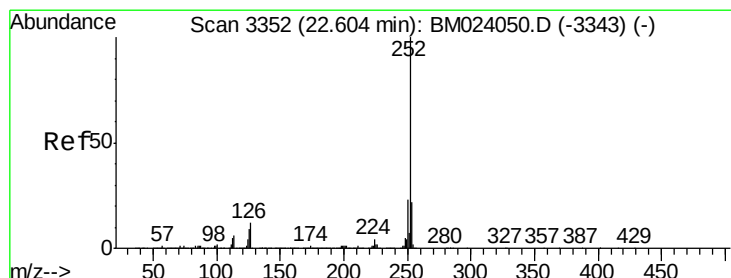
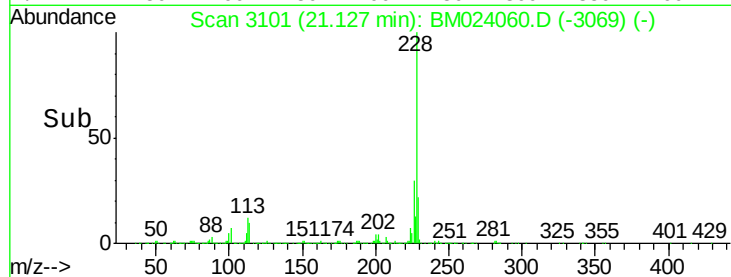
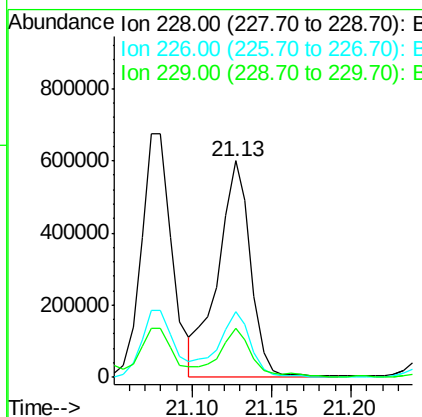
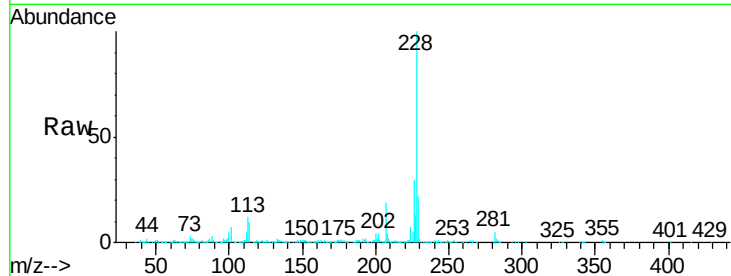
ClientSampleId :

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Tgt Ion:	228	Resp:	855469
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.2
229	22.3	15.3	22.9

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#88

Benzo(b)fluoranthene

Concen: 12.147 ng/ul

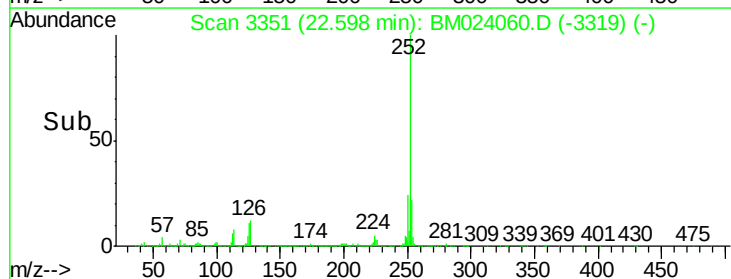
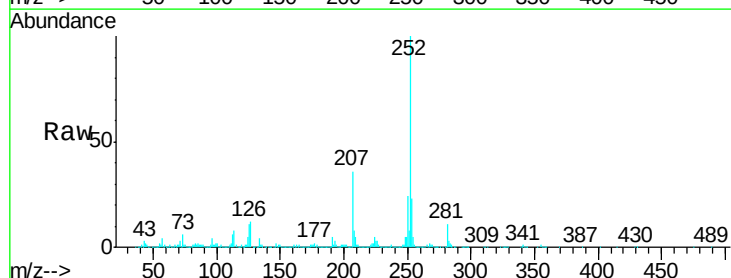
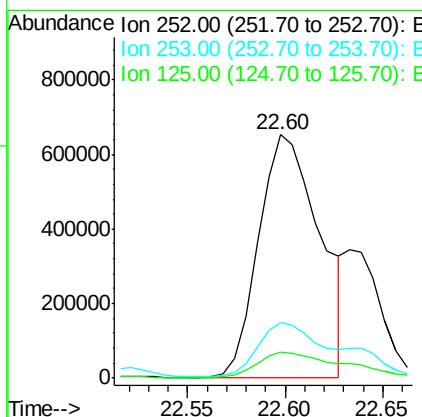
RT: 22.60 min Scan# 3351

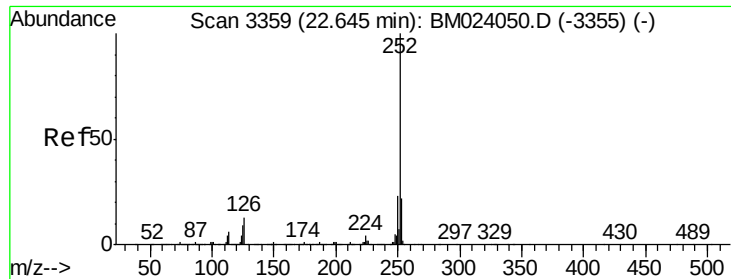
Delta R.T. -0.01 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Tgt Ion:	252	Resp:	1416749
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	10.8	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 3.770 ng/ul m

RT: 22.63 min Scan# 3357

Delta R.T. -0.02 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

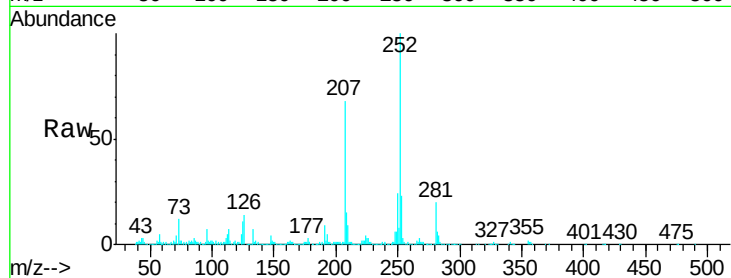
ClientSampleId :

C0BP7

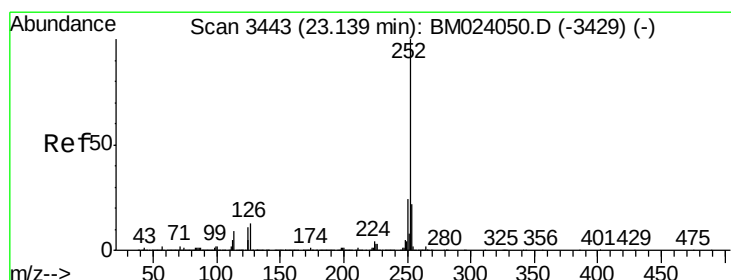
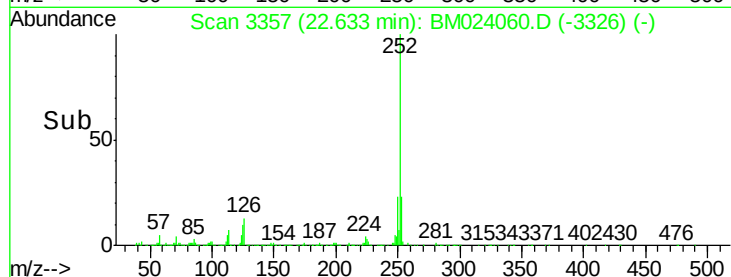
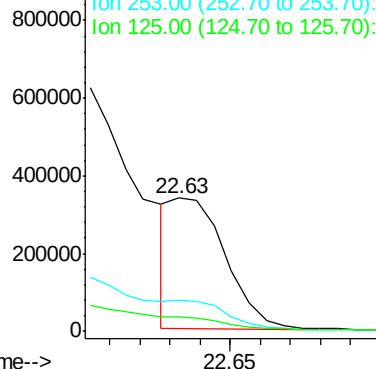
Tgt Ion:	252	Resp:	417356
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	11.2	7.0	10.4#

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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



#91

Benzo(a)pyrene

Concen: 9.045 ng/ul

RT: 23.14 min Scan# 3443

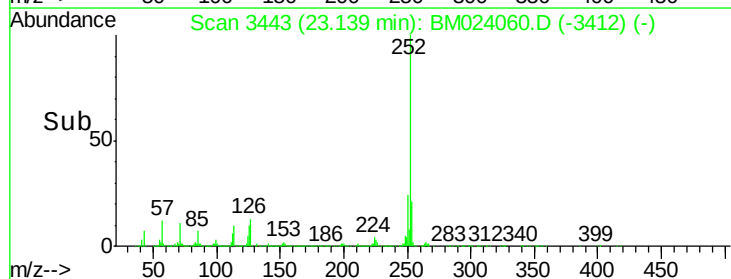
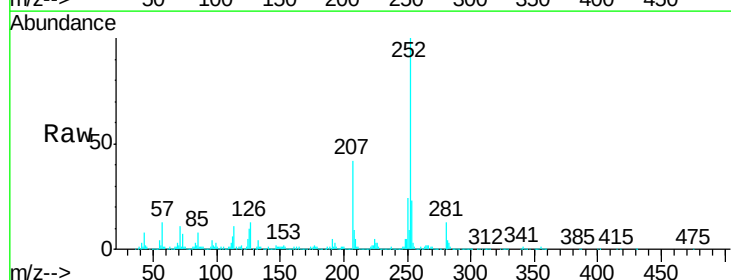
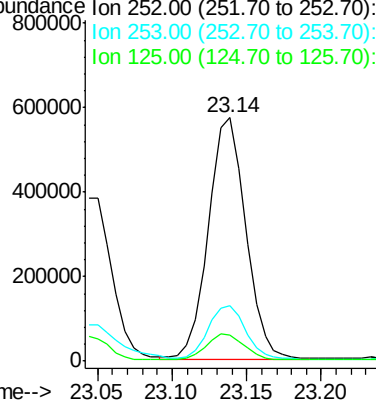
Delta R.T. -0.02 min

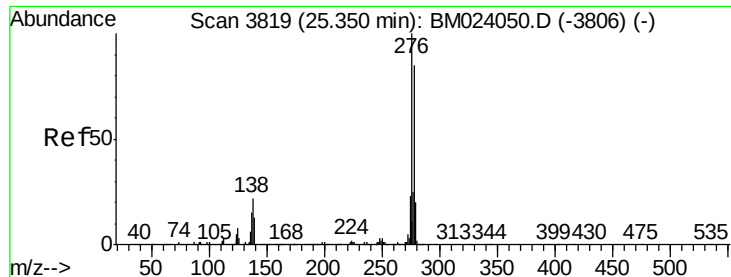
Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Tgt Ion:	252	Resp:	997491
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	10.5	7.8	11.6

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





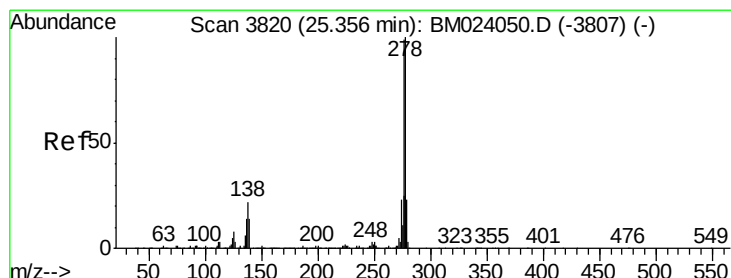
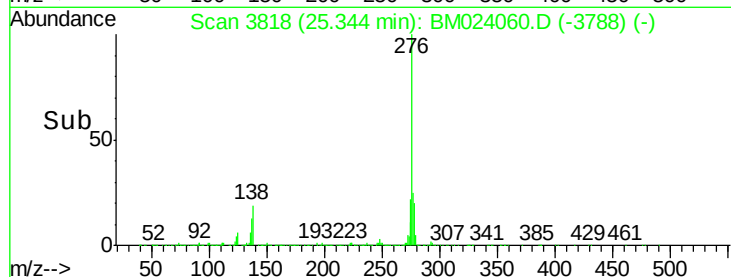
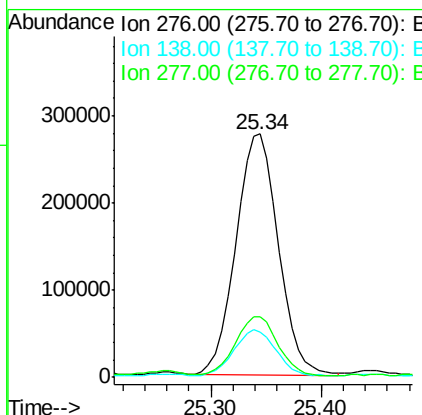
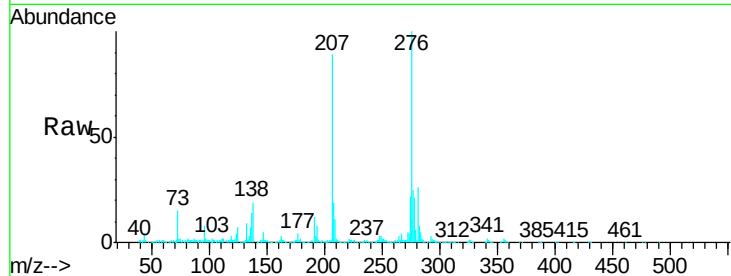
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.459 ng/ul
 RT: 25.34 min Scan# 3818
 Delta R.T. -0.02 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 C0BP7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.0	25.6
277	25.0	19.8	29.8

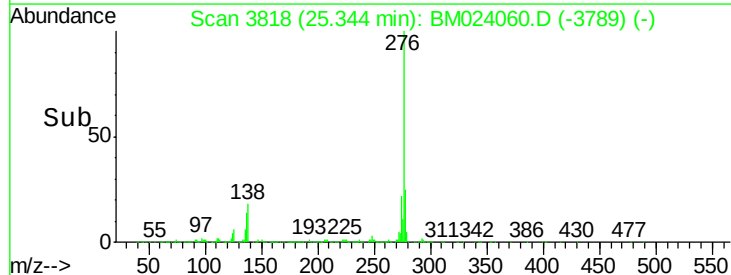
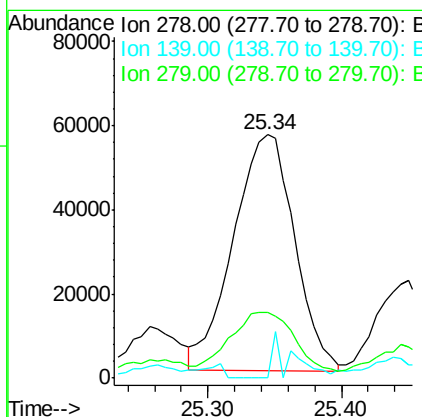
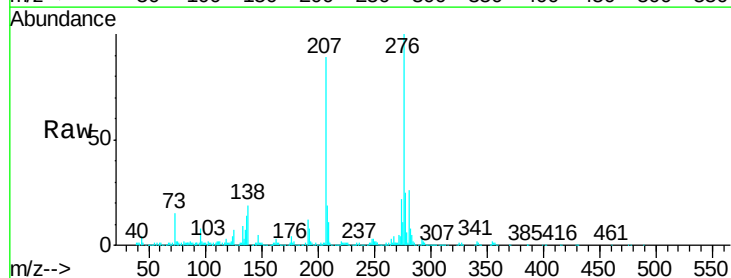
Manual Integrations
 APPROVED

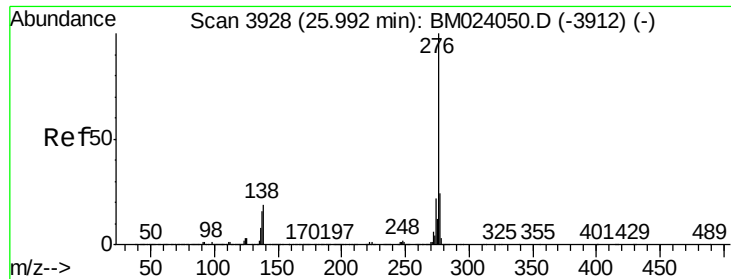
mohammad
 12/13/2019 2:51:29 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.561 ng/ul
 RT: 25.34 min Scan# 3818
 Delta R.T. -0.03 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	26.8	19.1	28.7





#94

Benzo(g,h,i)perylene

Concen: 6.517 ng/ul

RT: 25.99 min Scan# 3927

Delta R.T. -0.03 min

Lab File: BM024060.D

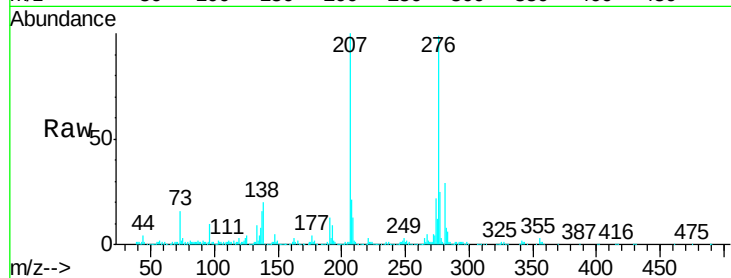
Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

ClientSampleId :

C0BP7



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		747319		
138	20.2	14.9	22.3		
277	24.9	19.1	28.7		

Manual Integrations
APPROVED

mohammad
12/13/2019 2:51:29 PM

