

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020426.D
 Acq On : 20 May 2019 11:41
 Operator : JU/SJ
 Sample : K2633-19DL2 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 GAJB1DL2

Manual Integrations
 APPROVED

Sohil
 5/21/2019 8:27:53 AM

Quant Time: May 21 03:49:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	70262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	265326	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	159578	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	370238	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	355215	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	419577	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.92	99	1748	0.31	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	963	0.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	2009	0.49	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.92	128	240	0.14	ng/ul	0.02
22) 2-Nitrophenol-d4	9.63	143	465	0.24	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.71	131	684	0.16	ng/ul	0.04
43) Dimethylphthalate-d6	13.80	166	8797	0.77	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	10303	0.72	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.39	176	8713	0.85	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.24	188	14938	0.94	ng/ul	0.01
78) Pyrene-d10	19.54	212	15397	0.90	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	15296	0.80	ng/ul	0.03

Target Compounds

					Qvalue	
28) Naphthalene	10.58	128	967023	79.328	ng/ul	100
34) 2-Methylnaphthalene	12.20	142	216341	24.511	ng/ul	94
40) 1,1'-Biphenyl	13.22	154	36218	3.170	ng/ul	96
47) Acenaphthylene	14.11	152	79552	5.874	ng/ul	98
49) Acenaphthene	14.45	153	12105	1.300	ng/ul	99
58) Fluorene	15.44	166	82388	7.295	ng/ul	95
69) Phenanthrene	17.19	178	471694	26.739	ng/ul	100
71) Anthracene	17.28	178	100792	5.617	ng/ul	98
76) Fluoranthene	19.21	202	187813	8.428	ng/ul	98
79) Pyrene	19.57	202	267331	12.539	ng/ul	99
82) Benzo(a)anthracene	21.33	228	93352m	4.366	ng/ul	
84) Chrysene	21.37	228	80811	3.955	ng/ul	96
87) Benzo(b)fluoranthene	22.94	252	66607	2.782	ng/ul#	83
90) Benzo(a)pyrene	23.52	252	75280	3.340	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.94	276	30488	1.187	ng/ul	94
93) Benzo(g,h,i)perylene	26.66	276	25306	1.191	ng/ul#	82

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

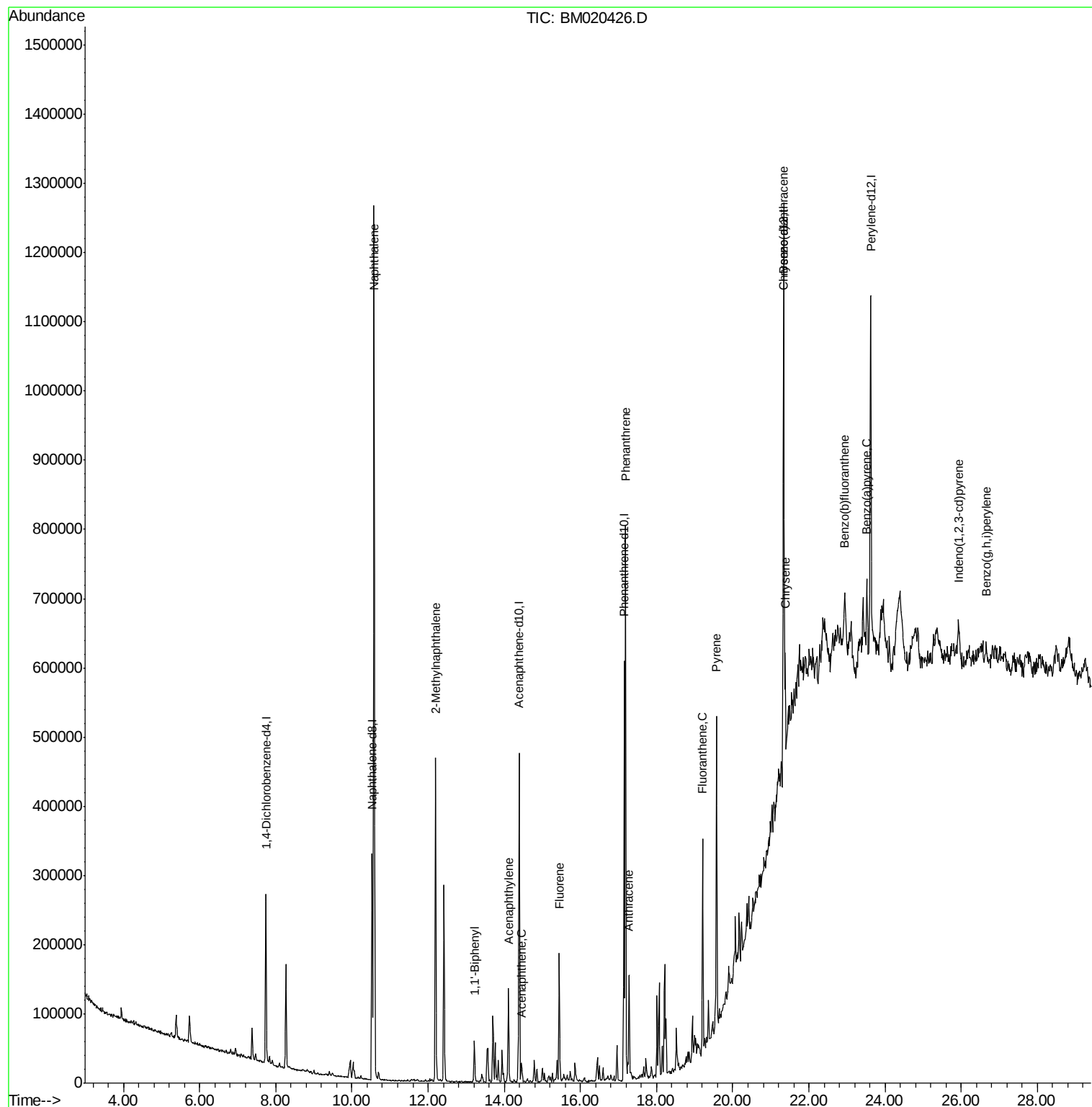
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020426.D
Acq On : 20 May 2019 11:41
Operator : JU/SJ
Sample : K2633-19DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

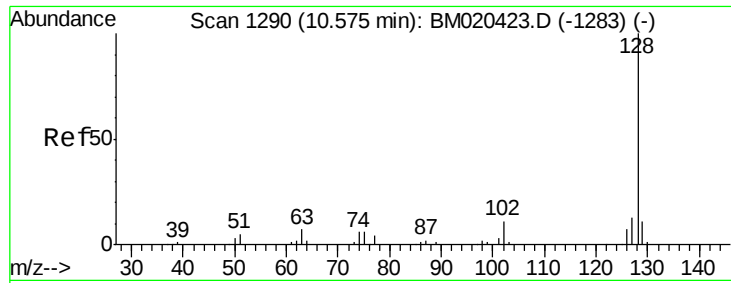
Instrument :
BNA_M
ClientSampleId :
GAJB1DL2

Quant Time: May 21 03:49:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

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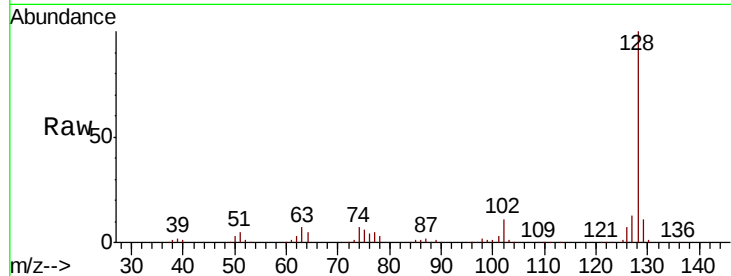
#28
Naphthalene
Concen: 79.328 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM020426.D
Acq: 20 May 2019 11:41

Instrument :
BNA_M
ClientSampleId :
GAJB1DL2

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.6	15.8

Manual Integrations
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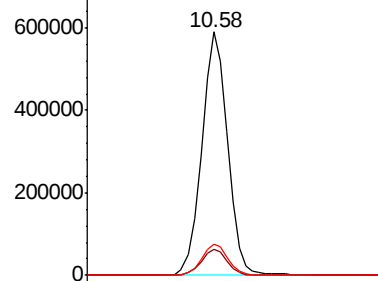


Abundance

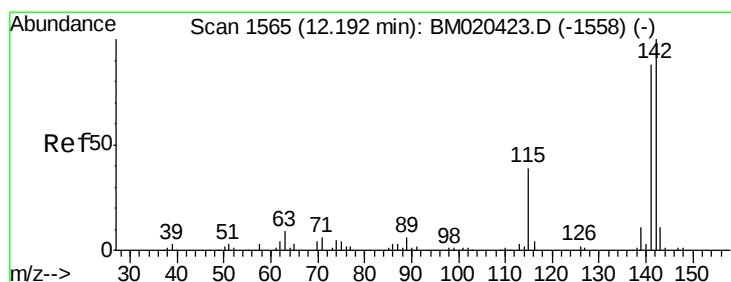
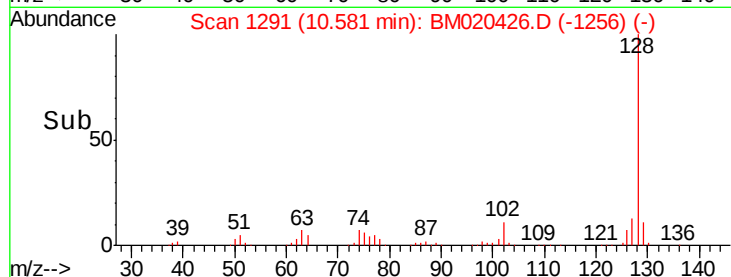
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

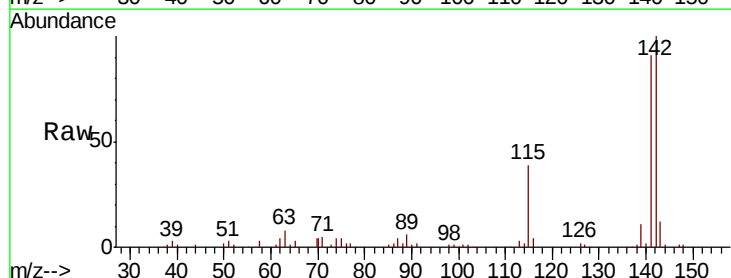


Time-->



#34
2-Methylnaphthalene
Concen: 24.511 ng/ul
RT: 12.20 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BM020426.D
Acq: 20 May 2019 11:41

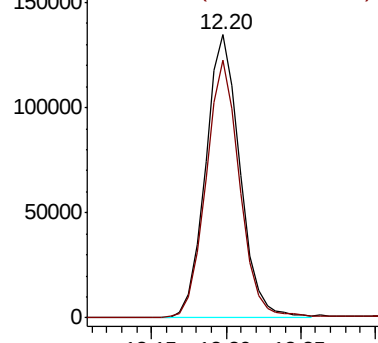
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	91.0	68.6	102.8



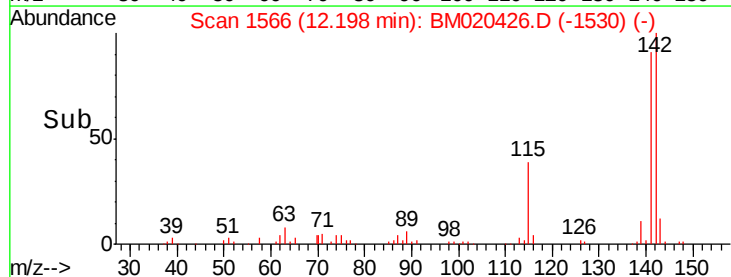
Abundance

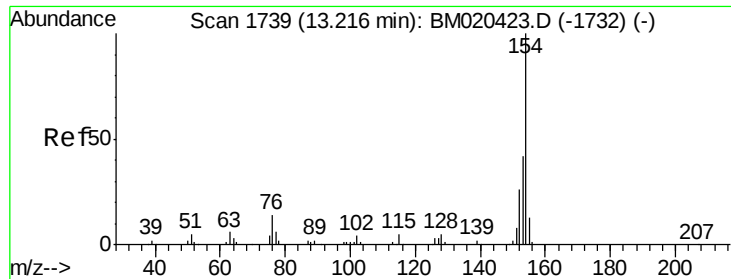
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





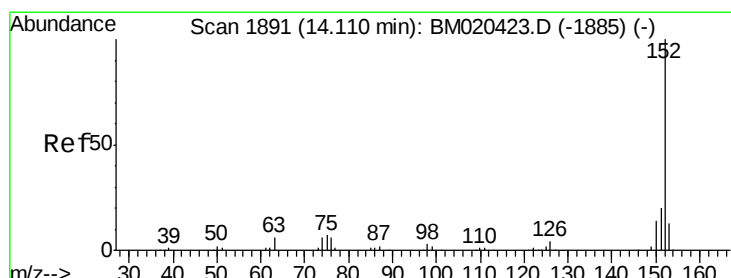
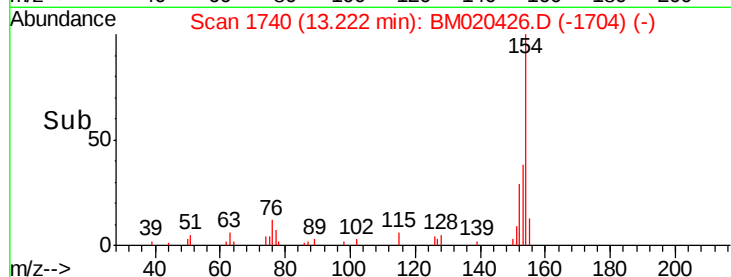
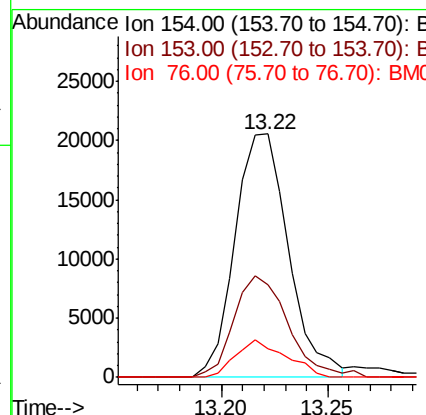
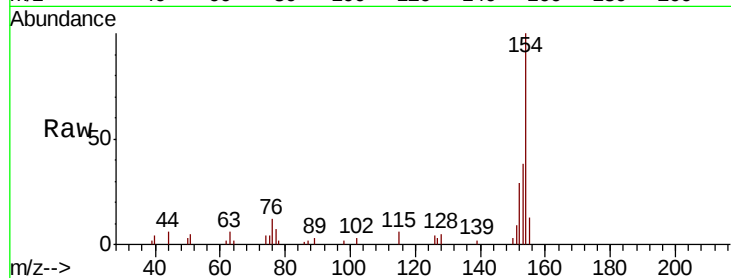
#40
1,1'-Biphenyl
Concen: 3.170 ng/ul
RT: 13.22 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BM020426.D
Acq: 20 May 2019 11:41

Instrument :
BNA_M
ClientSampled :
GAJB1DL2

Tgt Ion:	154	Resp:	36218
Ion Ratio	Lower	Upper	
154	100		
153	37.9	32.2	48.4
76	11.7	11.0	16.4

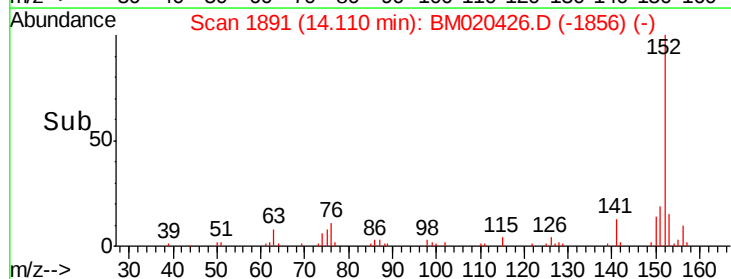
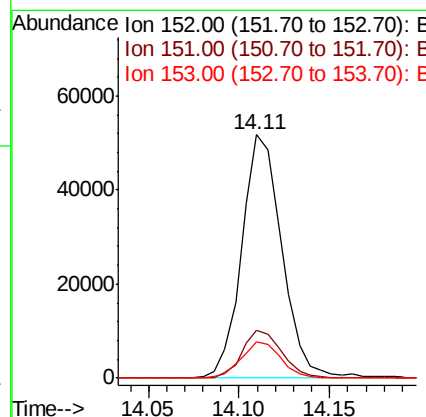
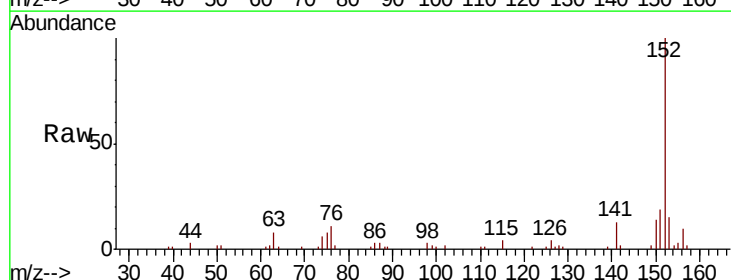
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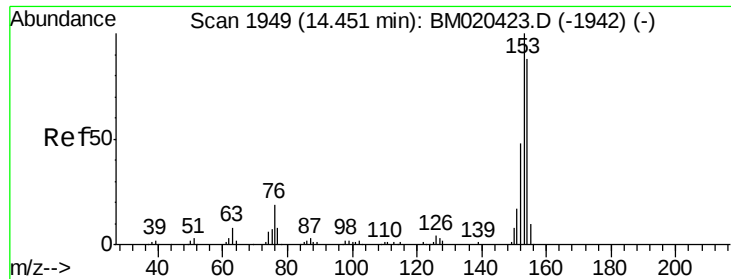
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#47
Acenaphthylene
Concen: 5.874 ng/ul
RT: 14.11 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM020426.D
Acq: 20 May 2019 11:41

Tgt Ion:	152	Resp:	79552
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.4	23.0
153	15.0	10.3	15.5





#49

Acenaphthene

Concen: 1.300 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BM020426.D

Acq: 20 May 2019 11:41

Instrument :

BNA_M

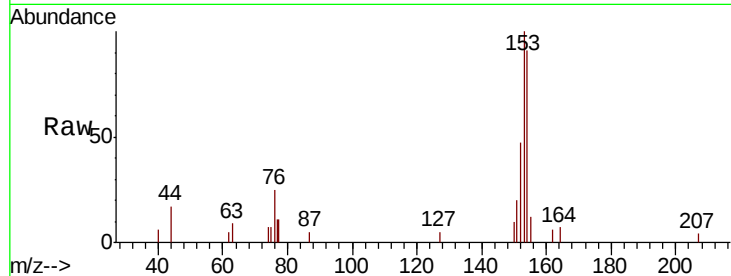
ClientSampled :

GAJB1DL2

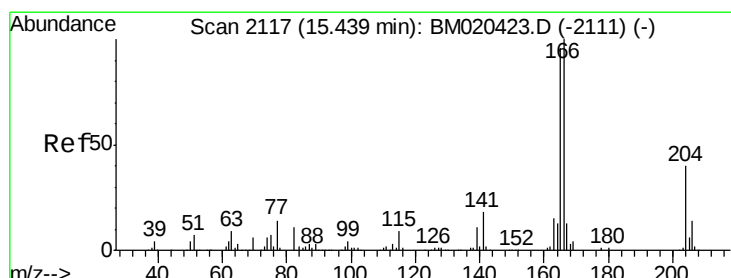
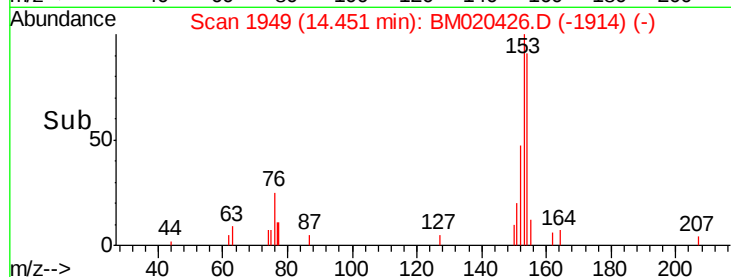
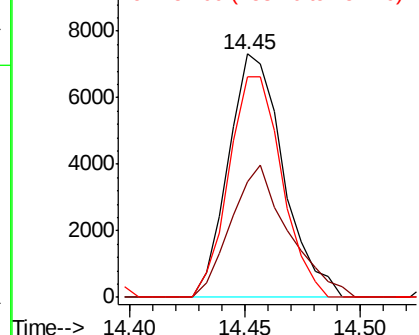
Tgt Ion:	153	Resp:	12105
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.9	56.9
154	90.6	71.2	106.8

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 7.295 ng/ul

RT: 15.44 min Scan# 2117

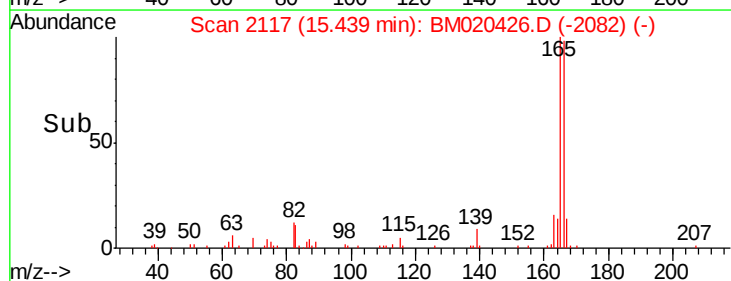
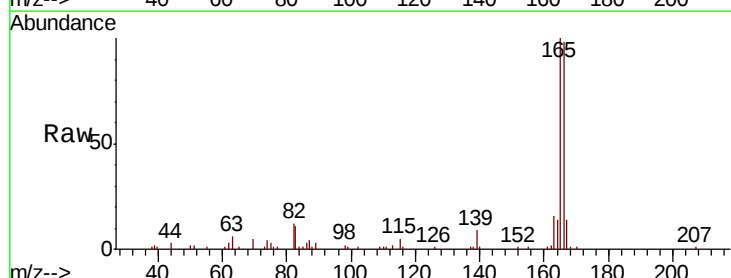
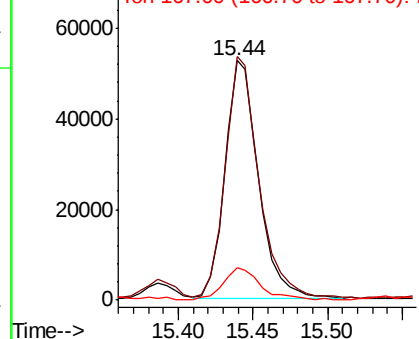
Delta R.T. 0.01 min

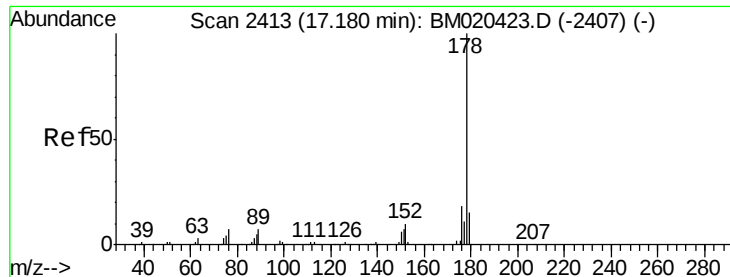
Lab File: BM020426.D

Acq: 20 May 2019 11:41

Tgt Ion:	166	Resp:	82388
Ion Ratio	Lower	Upper	
166	100		
165	101.7	77.1	115.7
167	13.8	11.1	16.7

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 26.739 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BM020426.D

Acq: 20 May 2019 11:41

Instrument :

BNA_M

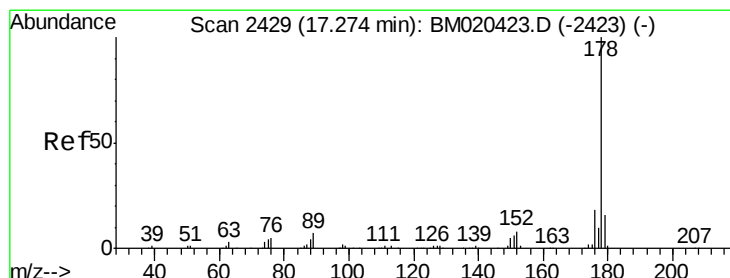
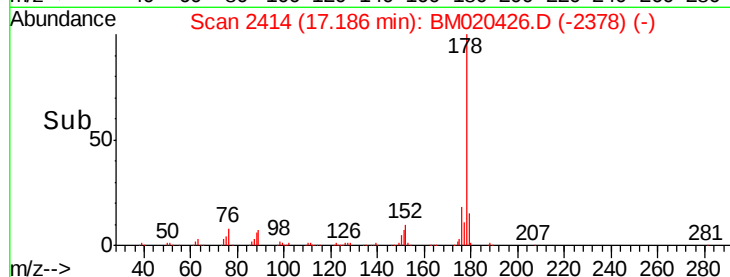
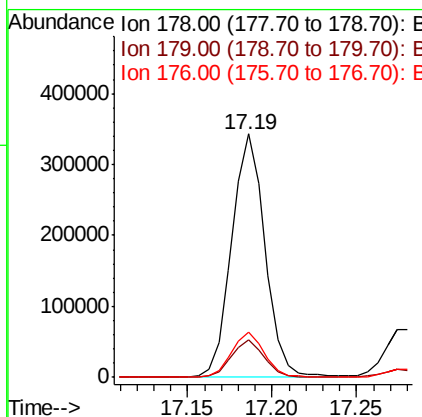
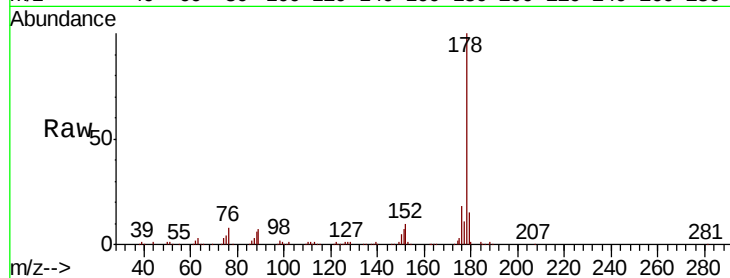
ClientSampleId :

GAJB1DL2

Tgt Ion:	178	Resp:	471694
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.9	17.9
176	18.3	14.6	22.0

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#71

Anthracene

Concen: 5.617 ng/ul

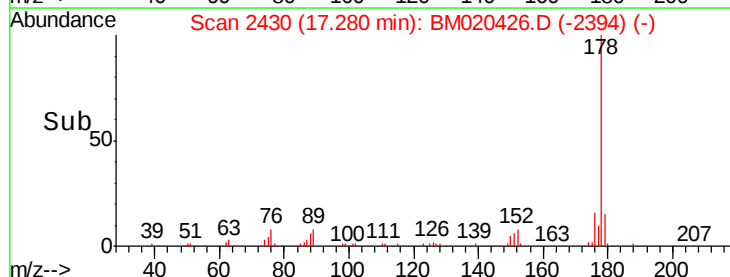
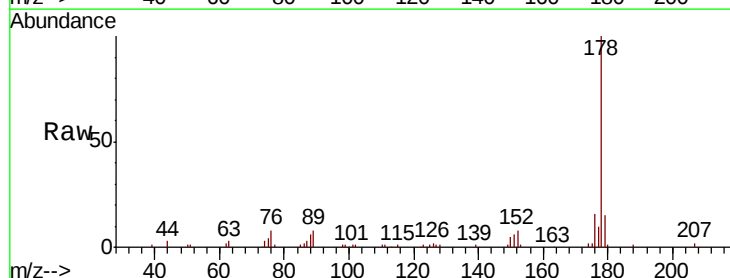
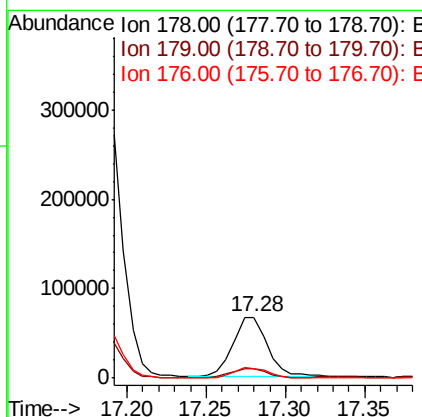
RT: 17.28 min Scan# 2430

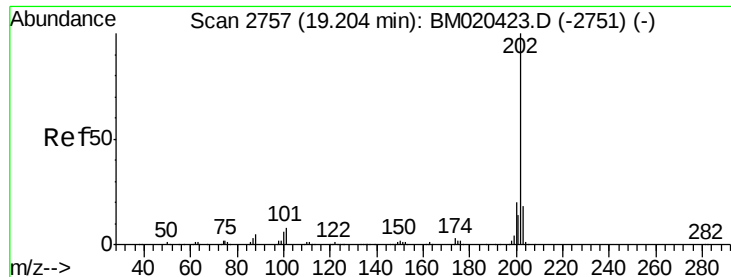
Delta R.T. 0.01 min

Lab File: BM020426.D

Acq: 20 May 2019 11:41

Tgt Ion:	178	Resp:	100792
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.4	18.6
176	16.4	14.4	21.6





#76

Fluoranthene

Concen: 8.428 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. 0.02 min

Lab File: BM020426.D

Acq: 20 May 2019 11:41

Instrument :

BNA_M

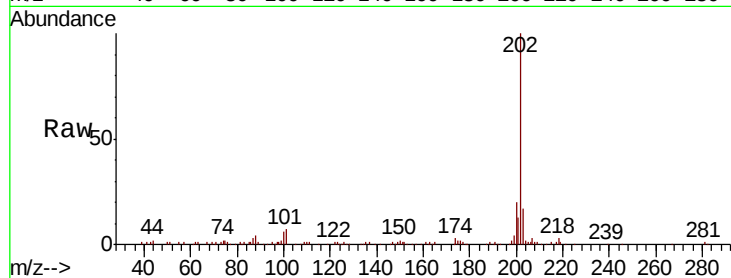
ClientSampleId :

GAJB1DL2

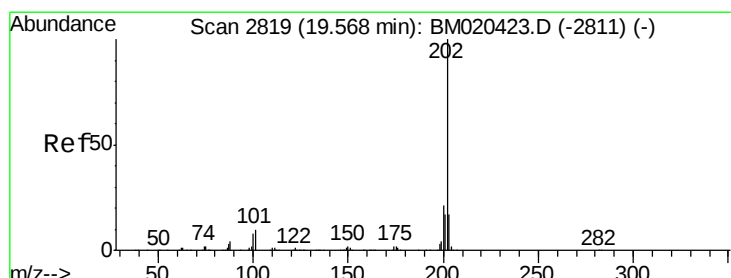
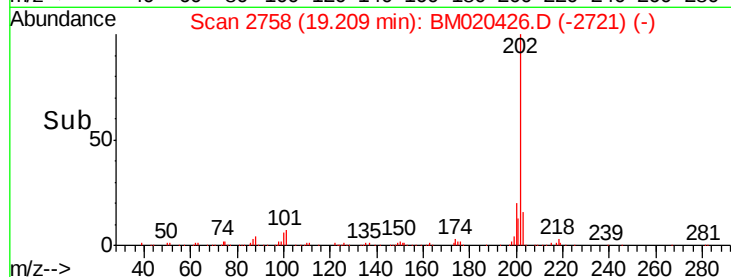
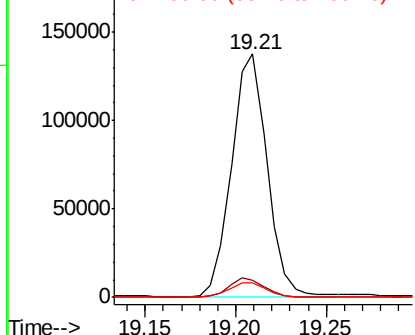
Tgt Ion:	202	Resp:	187813
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.4	9.6
100	6.1	5.2	7.8

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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



#79

Pyrene

Concen: 12.539 ng/ul

RT: 19.57 min Scan# 2820

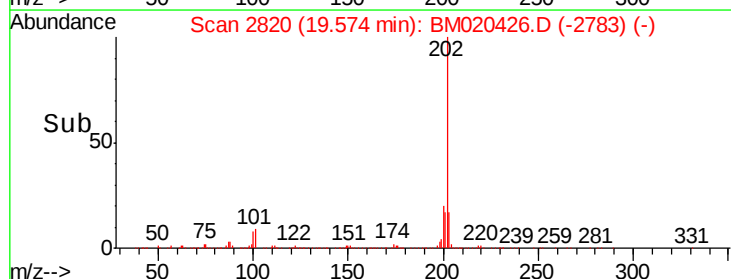
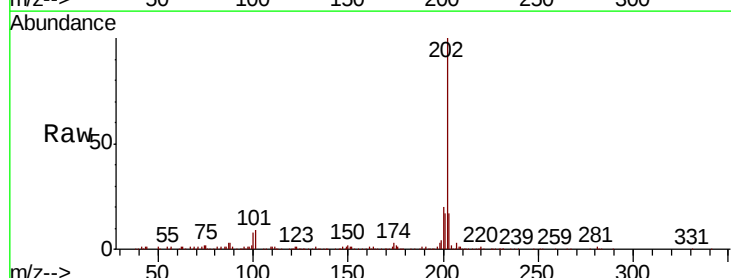
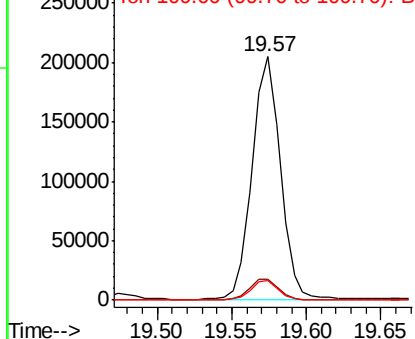
Delta R.T. 0.02 min

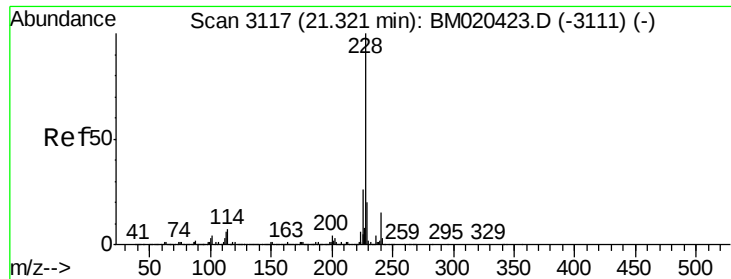
Lab File: BM020426.D

Acq: 20 May 2019 11:41

Tgt Ion:	202	Resp:	267331
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.1	10.7
100	8.0	5.9	8.9

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





#82

Benzo(a)anthracene

Concen: 4.366 ng/ul m

RT: 21.33 min Scan# 3118

Delta R.T. 0.02 min

Lab File: BM020426.D

Acq: 20 May 2019 11:41

Instrument :

BNA_M

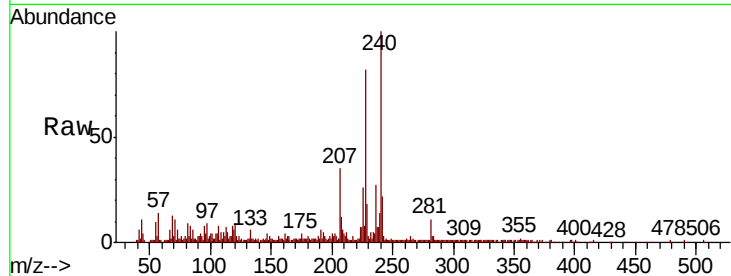
ClientSampleId :

GAJB1DL2

Tgt Ion:	228	Resp:	93352
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.8	23.8
226	31.5	20.6	30.8#

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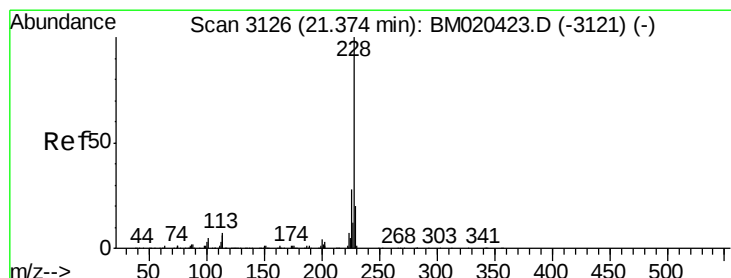
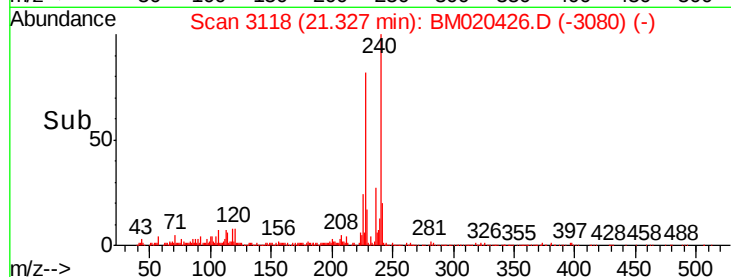
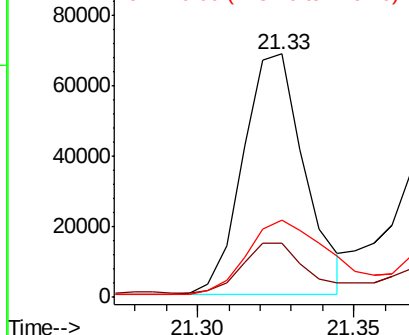


Abundance

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



#84

Chrysene

Concen: 3.955 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.02 min

Lab File: BM020426.D

Acq: 20 May 2019 11:41

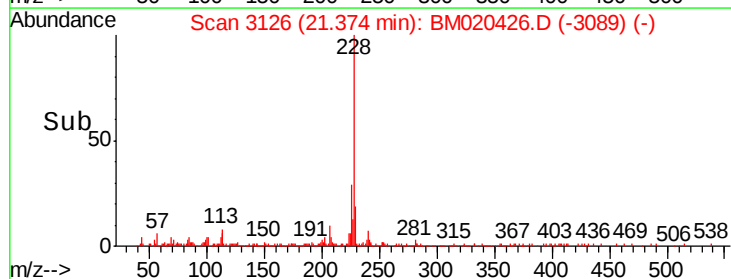
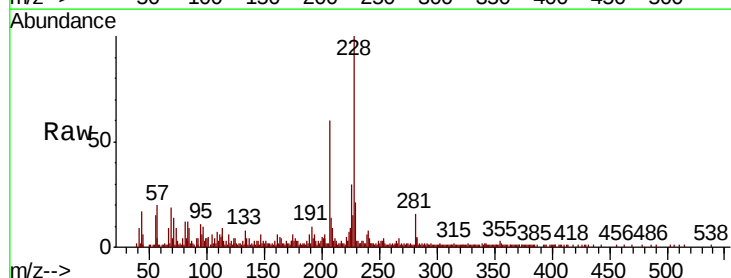
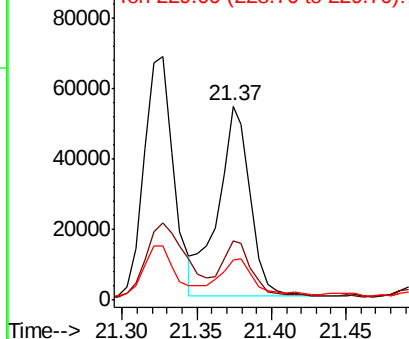
Tgt Ion:	228	Resp:	80811
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.2	33.4
229	20.9	15.4	23.2

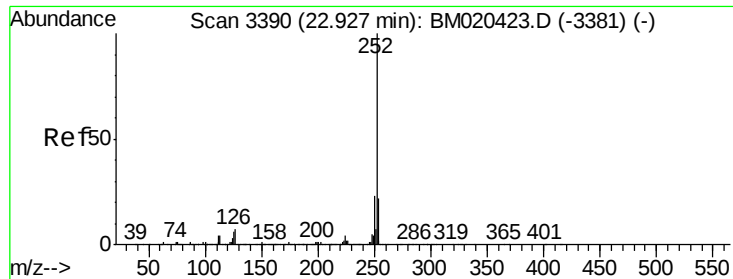
Abundance

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





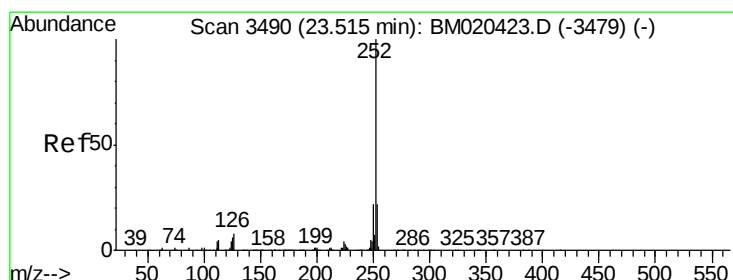
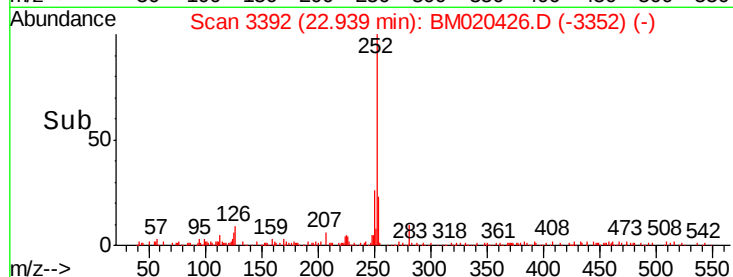
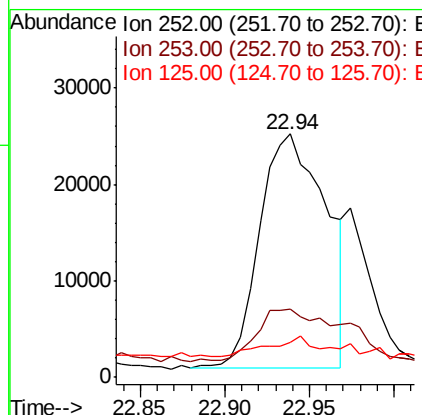
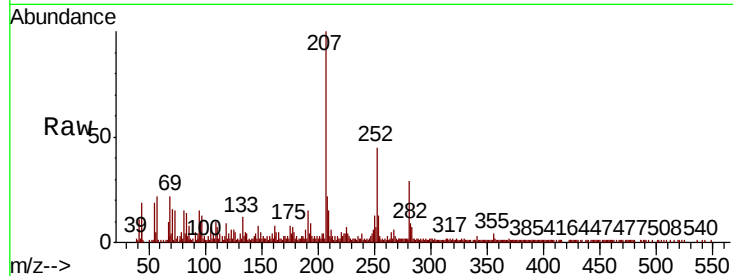
#87
Benzo(b)fluoranthene
Concen: 2.782 ng/ul
RT: 22.94 min Scan# 3392
Delta R.T. 0.04 min
Lab File: BM020426.D
Acq: 20 May 2019 11:41

Instrument :
BNA_M
ClientSampleId :
GAJB1DL2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.0	25.6#
125	14.4	5.0	7.4#

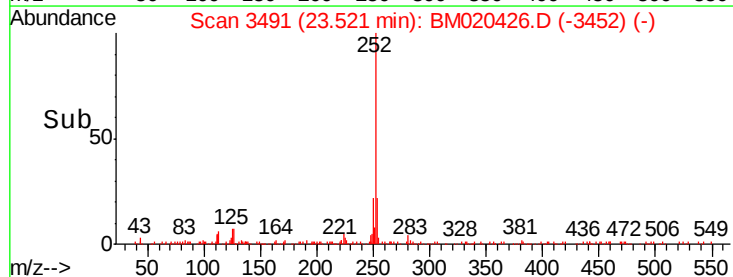
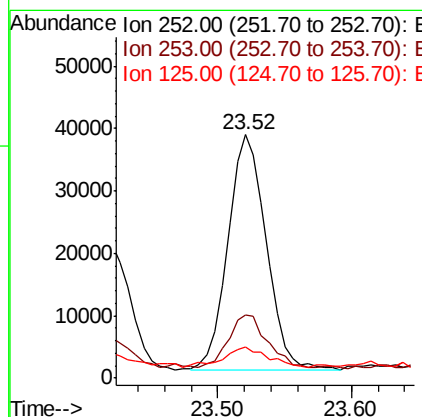
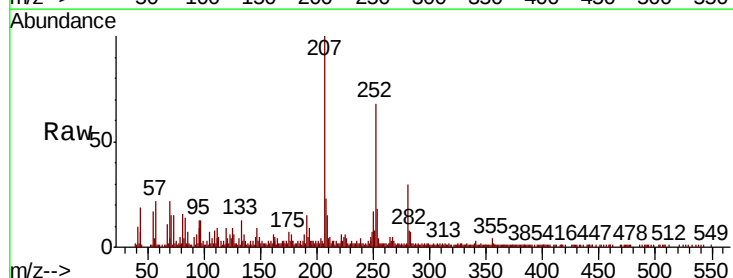
Manual Integrations
APPROVED

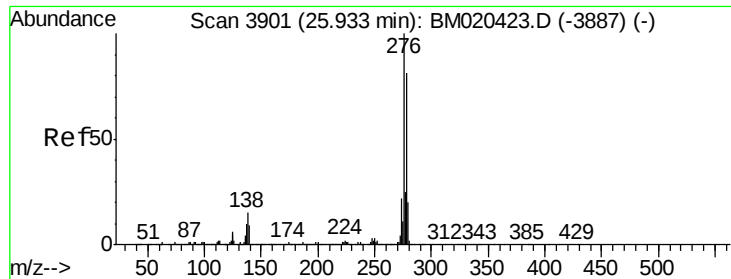
Sohil
5/21/2019 8:27:53 AM



#90
Benzo(a)pyrene
Concen: 3.340 ng/ul
RT: 23.52 min Scan# 3491
Delta R.T. 0.03 min
Lab File: BM020426.D
Acq: 20 May 2019 11:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	12.5	5.4	8.2#





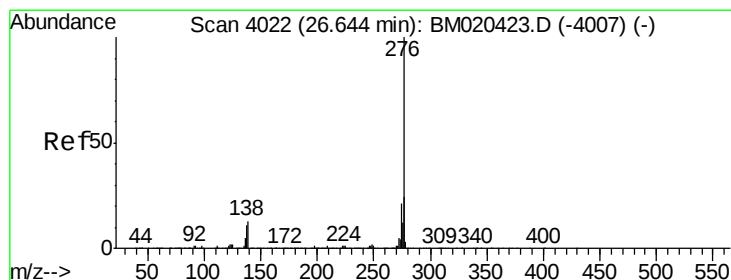
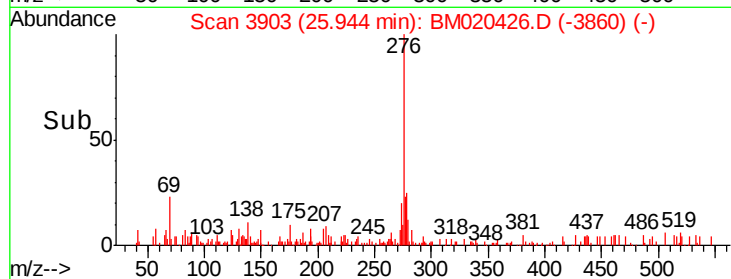
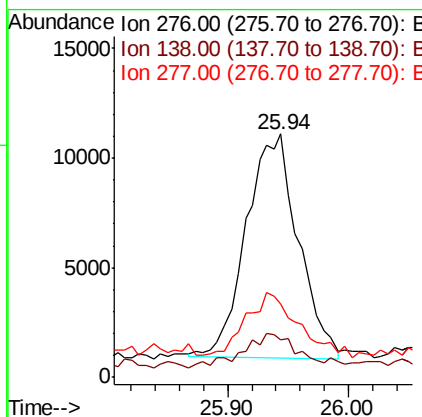
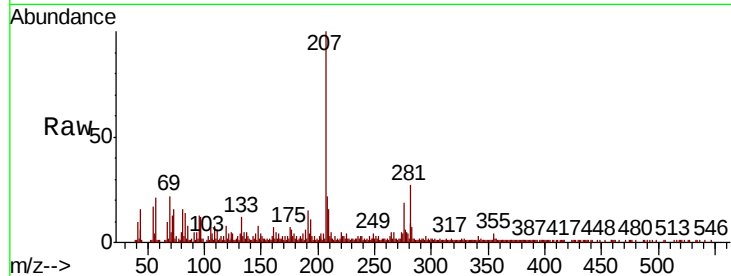
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.187 ng/ul
 RT: 25.94 min Scan# 3903
 Delta R.T. 0.05 min
 Lab File: BM020426.D
 Acq: 20 May 2019 11:41

Instrument :
 BNA_M
 ClientSampleId :
 GAJB1DL2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.3	18.5
277	29.9	20.0	30.0

Manual Integrations
 APPROVED

Sohil
 5/21/2019 8:27:53 AM



#93
 Benzo(g,h,i)perylene
 Concen: 1.191 ng/ul
 RT: 26.66 min Scan# 4024
 Delta R.T. 0.06 min
 Lab File: BM020426.D
 Acq: 20 May 2019 11:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	10.0	15.0
277	34.6	18.2	27.4#

