

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024977.D
 Acq On : 20 Feb 2020 11:38
 Operator : CG/JU
 Sample : L1423-21
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5B01

Manual Integrations
 APPROVED

mohammad
 2/20/2020 3:13:24 PM

Quant Time: Feb 20 12:28:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	351254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	1294581	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	766710	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1578386	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1576624	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1706549	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	31167	4.27	ng/uL	0.00
5) Phenol-d5	6.59	99	515612	22.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	327223	24.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	444578	21.27	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	355737	18.07	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	209898	22.42	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	239623	21.66	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	435232	19.51	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.29	131	254705	12.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1311551	22.66	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1577089	23.33	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	131093	13.94	ng/ul	0.00
58) Fluorene-d10	15.03	176	1156594	22.57	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	139281	13.54	ng/ul	-0.01
71) Anthracene-d10	16.89	188	1683577	23.37	ng/ul	-0.01
79) Pyrene-d10	19.19	212	1936927	24.56	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.97	264	2090018	24.38	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	6.61	94	31543	1.284	ng/ul	96
14) Acetophenone	8.20	105	53230	1.716	ng/ul	90
45) Dimethylphthalate	13.50	163	207595	3.438	ng/ul	99
70) Phenanthrene	16.83	178	1522297	17.689	ng/ul	99
72) Anthracene	16.92	178	411525	4.715	ng/ul	98
77) Fluoranthene	18.86	202	3843132	36.376	ng/ul#	94
80) Pyrene	19.22	202	3235816	31.006	ng/ul#	94
83) Benzo(a)anthracene	20.99	228	1876690	17.671	ng/ul	99
85) Chrysene	21.04	228	1679269	16.061	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	2308553	21.274	ng/ul#	97
89) Benzo(k)fluoranthene	22.52	252	698608m	6.688	ng/ul	
91) Benzo(a)pyrene	23.01	252	1613588	16.586	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.13	276	1105165	9.125	ng/ul	99
93) Dibenzo(a,h)anthracene	25.14	278	292292	2.832	ng/ul#	84
94) Benzo(g,h,i)perylene	25.75	276	974736	9.676	ng/ul	96

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

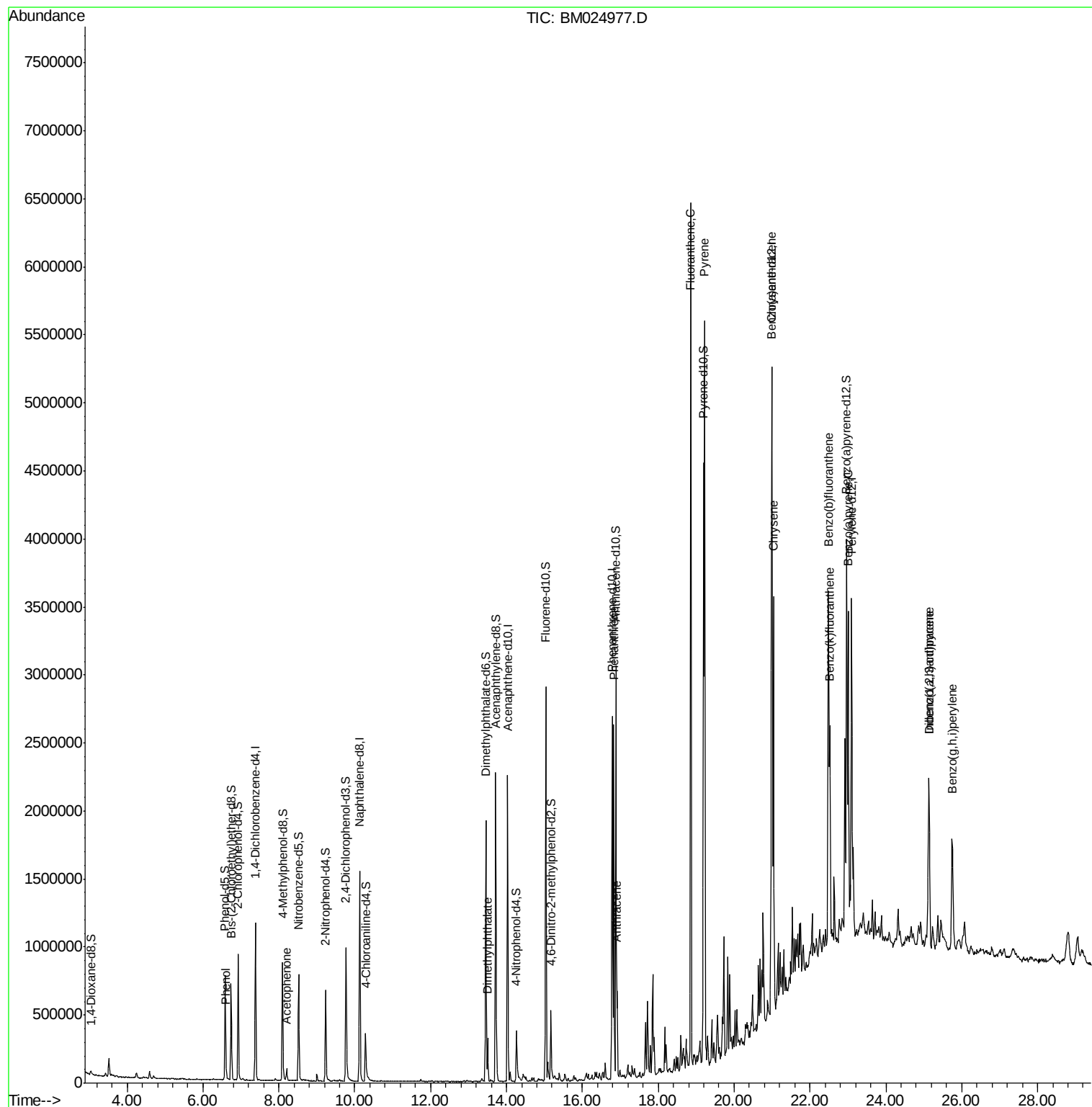
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024977.D
Acq On : 20 Feb 2020 11:38
Operator : CG/JU
Sample : L1423-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

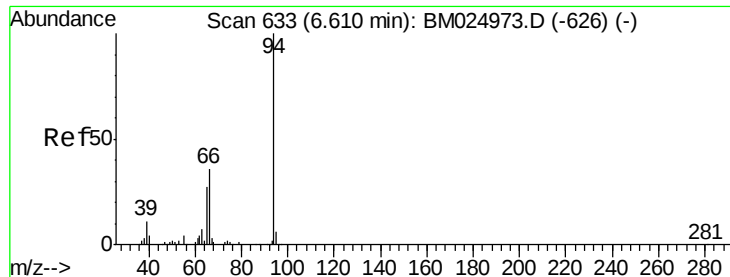
Instrument :
BNA_M
ClientSampleId :
C5B01

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

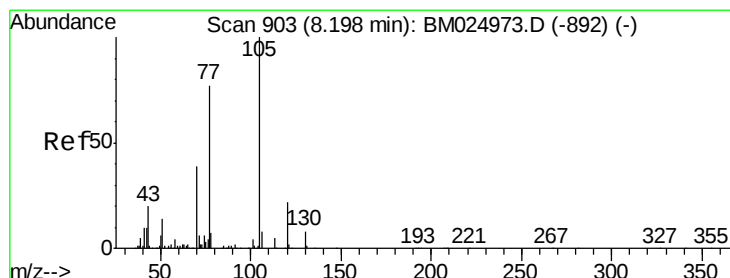
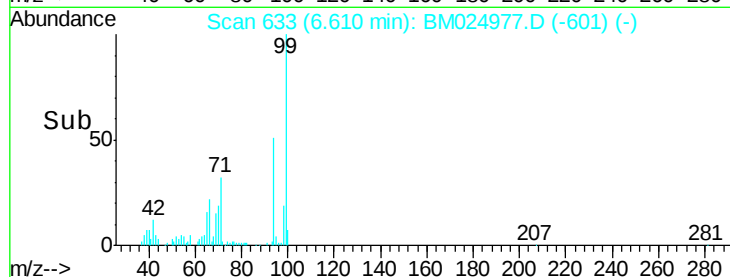
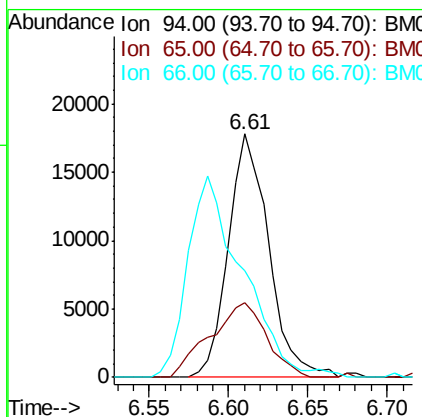
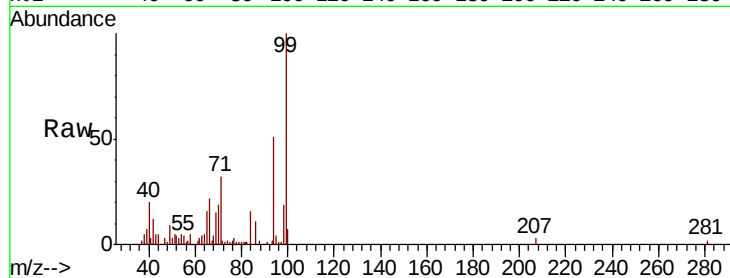
Concen: 1.284 ng/ul
 RT: 6.61 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BM024977.D
 Acq: 20 Feb 2020 11:38

Instrument :
 BNA_M
 ClientSampleId :
 C5B01

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.5	22.6	34.0
66	43.9	33.0	49.4

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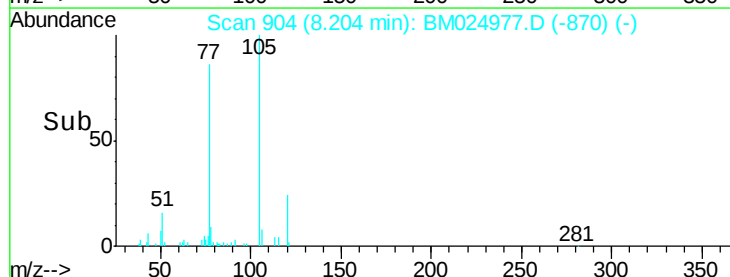
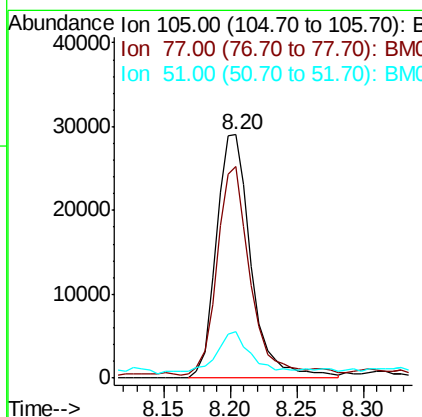
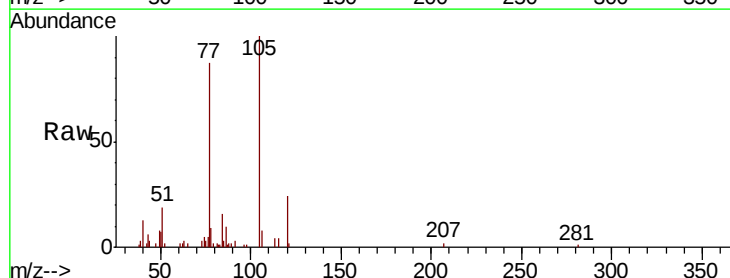


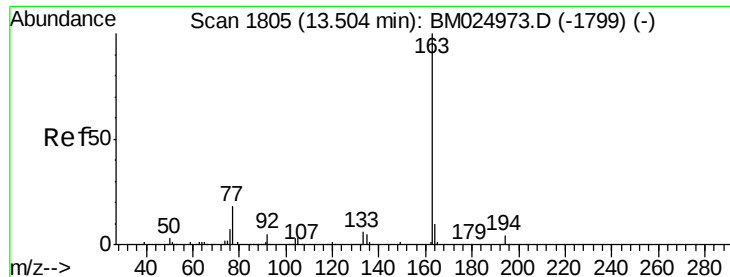
#14

Acetophenone

Concen: 1.716 ng/ul
 RT: 8.20 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BM024977.D
 Acq: 20 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
77	87.1	61.6	92.4
51	19.0	16.7	25.1





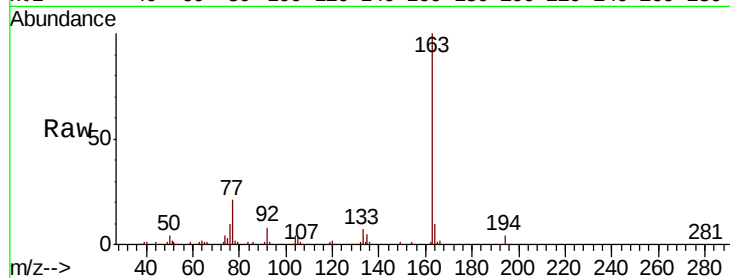
#45
Dimethylphthalate
Concen: 3.438 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Instrument :
BNA_M
ClientSampleId :
C5B01

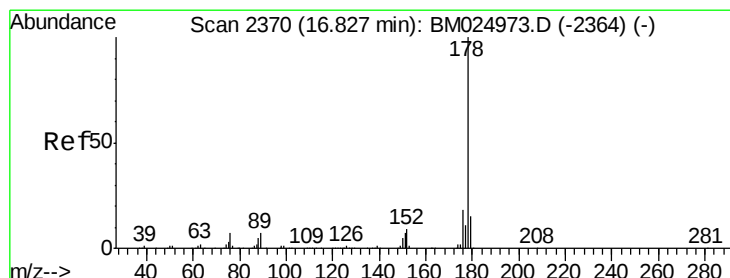
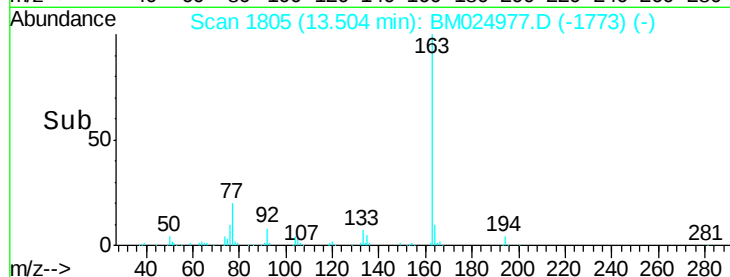
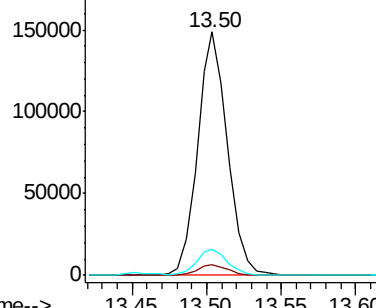
Tot Ion	Ratio	Resp	Lower	Upper
163	100	207595		
194	4.3		3.5	5.3
164	10.5		8.2	12.2

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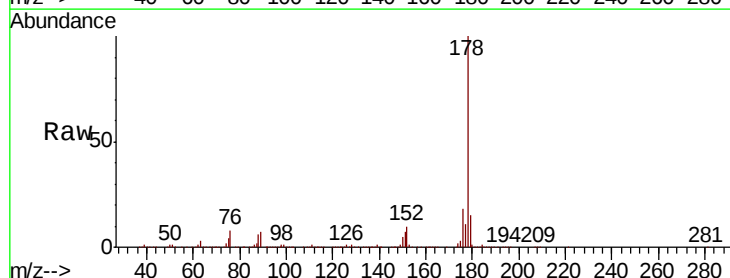


Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

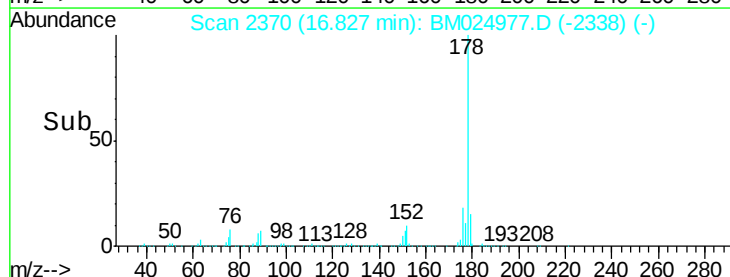
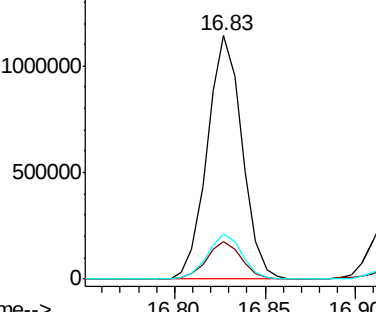


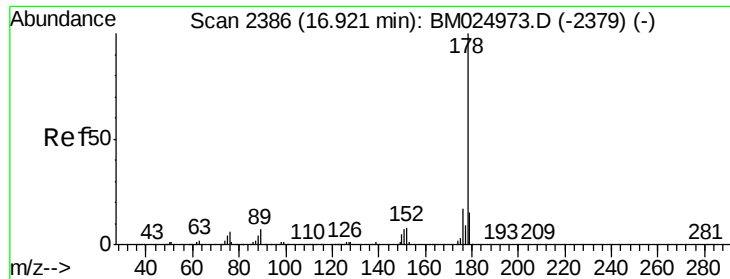
#70
Phenanthrene
Concen: 17.689 ng/ul
RT: 16.83 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1522297		
179	15.5		12.2	18.2
176	18.3		14.5	21.7



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.715 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM024977.D

Acq: 20 Feb 2020 11:38

Instrument :

BNA_M

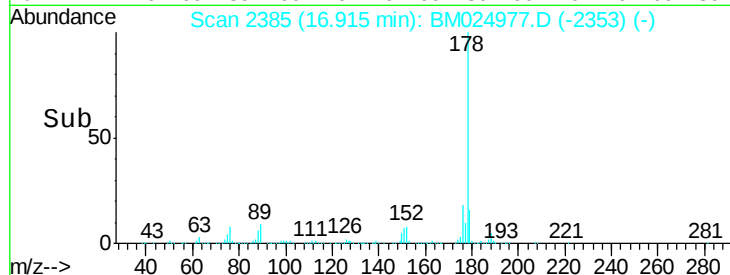
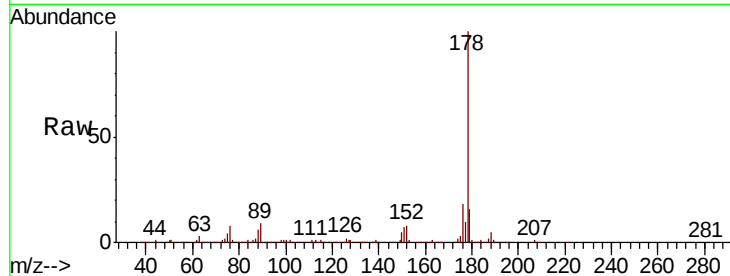
ClientSampleId :

C5B01

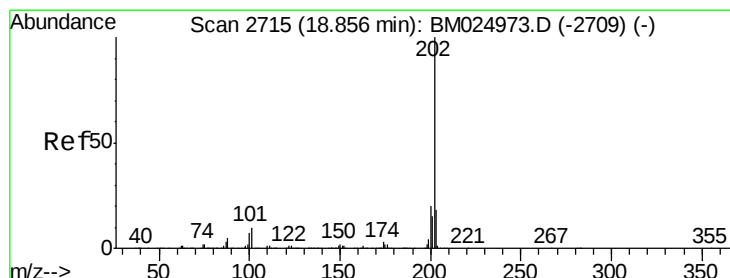
Tot Ion:	178	Resp:	411525
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	18.2	14.1	21.1

Manual Integrations
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Time-->



#77

Fluoranthene

Concen: 36.376 ng/ul

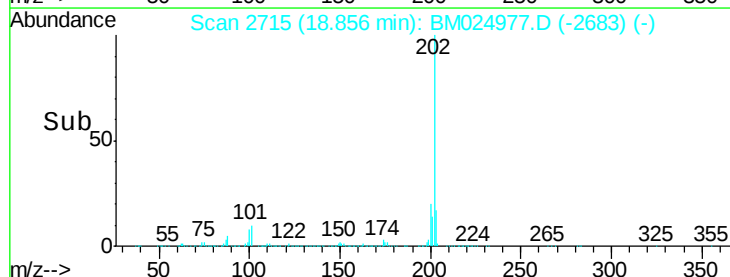
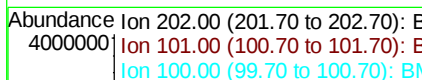
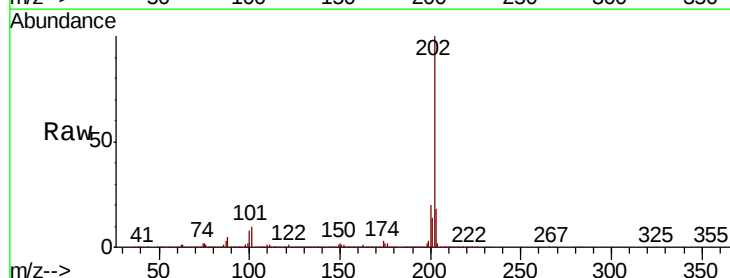
RT: 18.86 min Scan# 2715

Delta R.T. -0.01 min

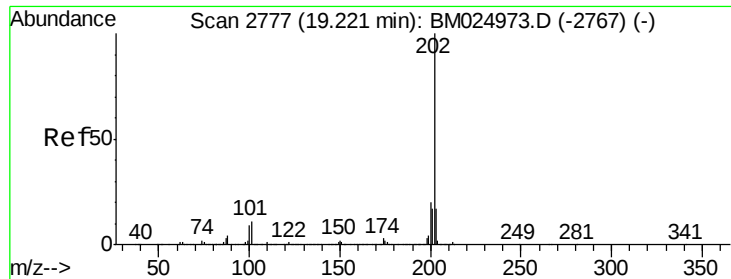
Lab File: BM024977.D

Acq: 20 Feb 2020 11:38

Tgt Ion:	202	Resp:	3843132
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.1	9.1#
100	7.5	4.8	7.2#



Time-->



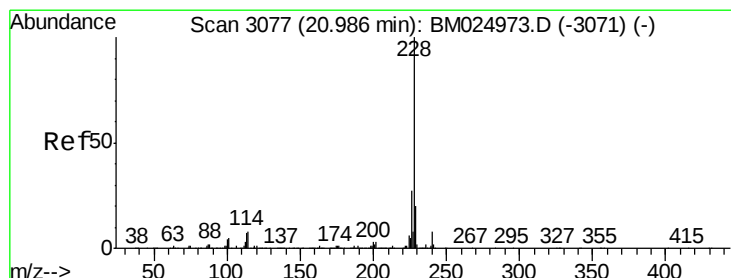
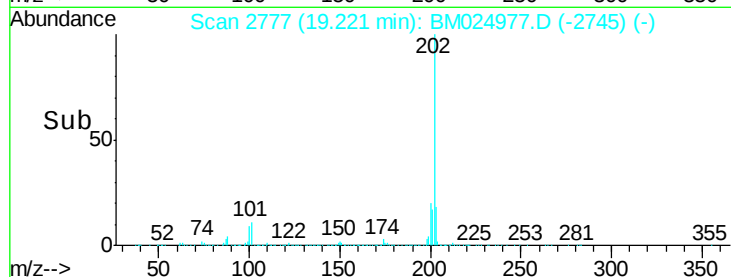
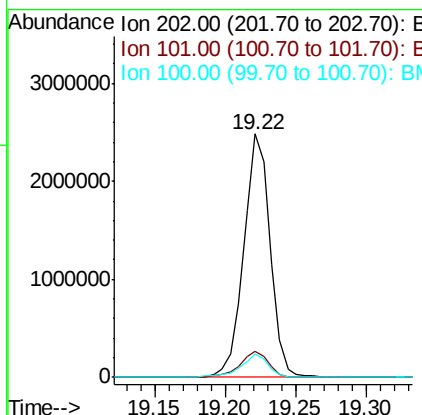
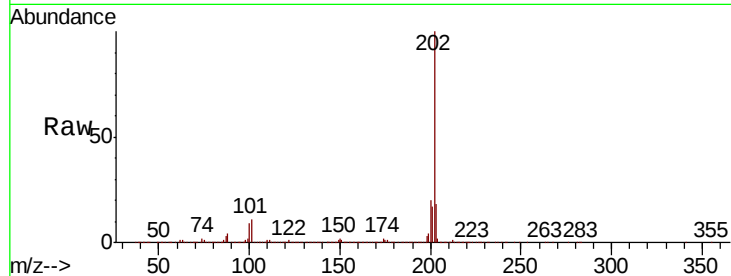
#80
Pvrene
Concen: 31.006 ng/ul
RT: 19.22 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Instrument :
BNA_M
ClientSampleId :
C5B01

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.0	10.4#
100	9.4	5.8	8.8#

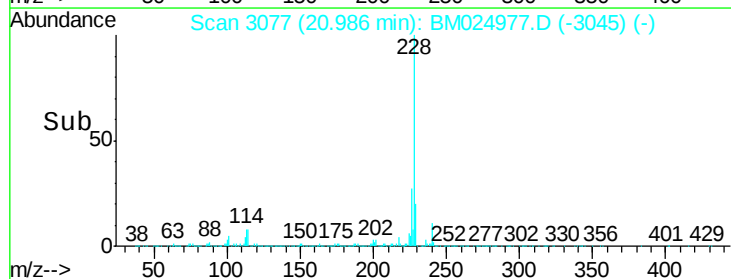
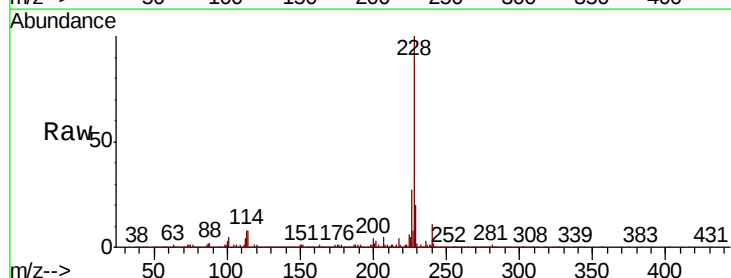
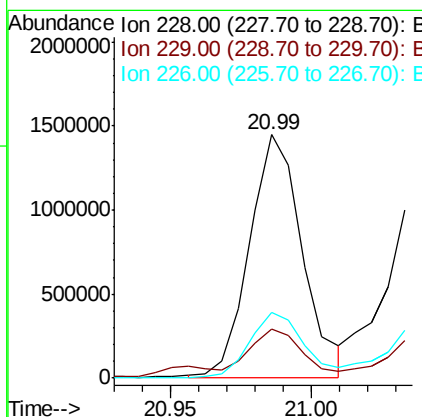
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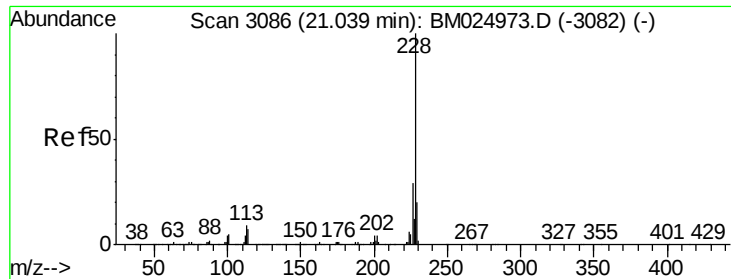
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#83
Benzo(a)anthracene
Concen: 17.671 ng/ul
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	27.0	20.8	31.2





#85

Chrysene

Concen: 16.061 ng/ul

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM024977.D

Acq: 20 Feb 2020 11:38

Instrument :

BNA_M

ClientSampleId :

C5B01

Tot Ion:228 Resp: 1679269

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	21.8	15.8	23.8

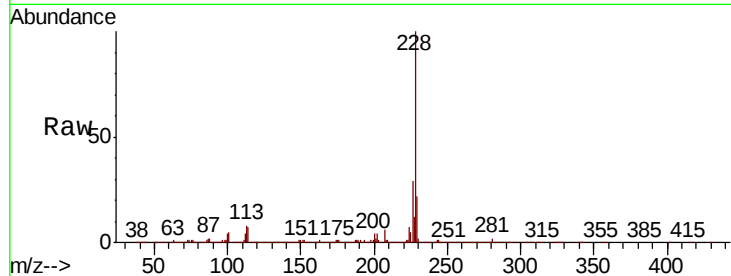
228 100

226 28.8 23.0 34.4

229 21.8 15.8 23.8

Manual Integrations
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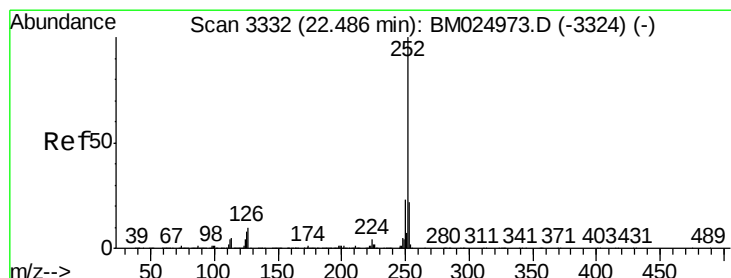
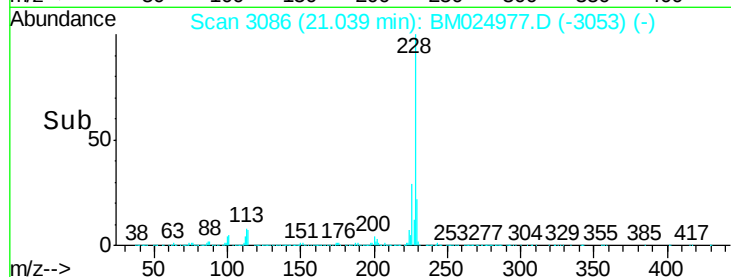
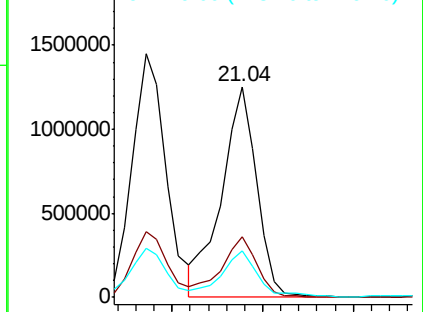


Abundance

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: 21.274 ng/ul

RT: 22.49 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BM024977.D

Acq: 20 Feb 2020 11:38

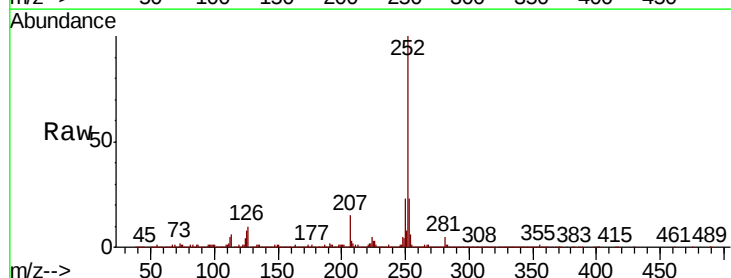
Tgt Ion:252 Resp: 2308553

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	8.2	5.1	7.7#

252 100

253 22.8 17.3 25.9

125 8.2 5.1 7.7#

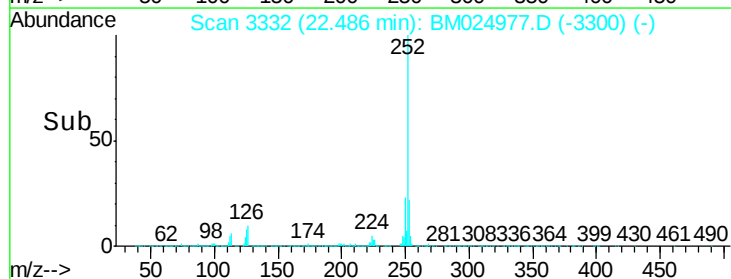
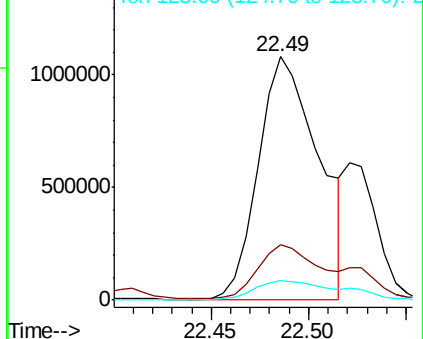


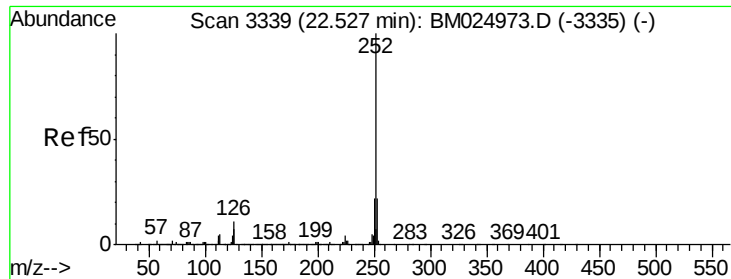
Abundance

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





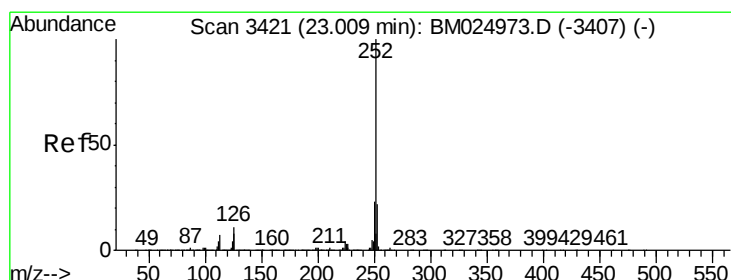
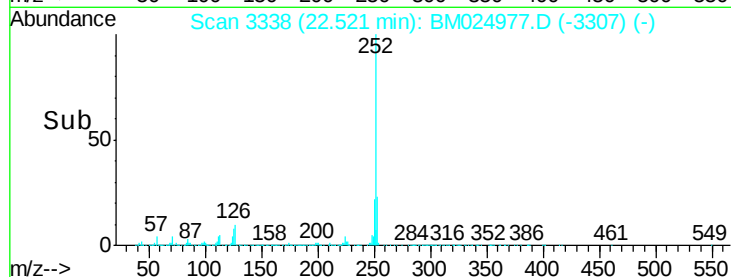
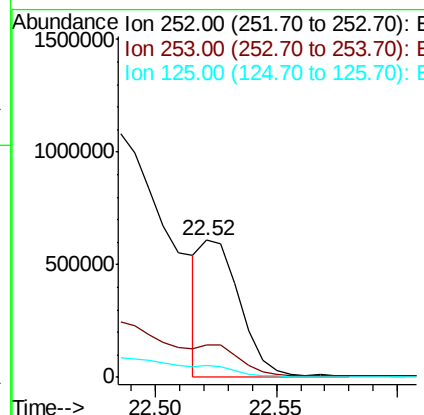
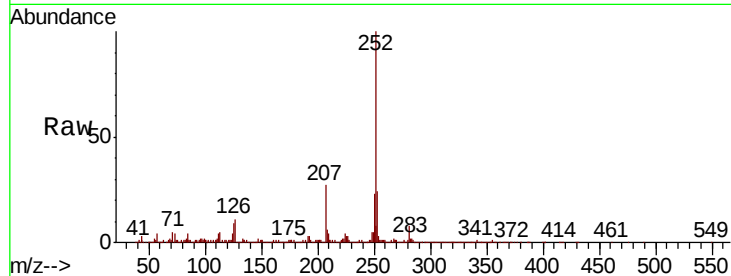
#89
Benzo(k)fluoranthene
Concen: 6.688 ng/ul m
RT: 22.52 min Scan# 3338
Delta R.T. -0.02 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Instrument :
BNA_M
ClientSampled :
C5B01

Tot Ion	Ratio	Resp	Lower	Upper
252	100	698608		
253	24.0		17.4	26.0
125	8.6		5.1	7.7#

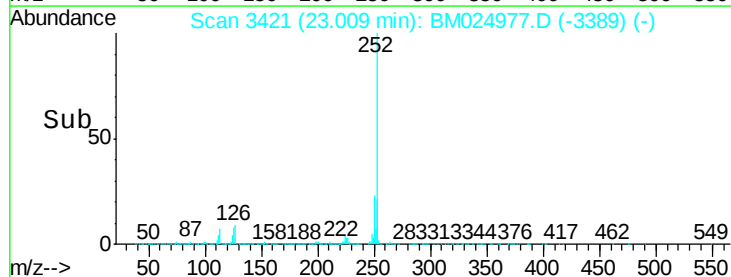
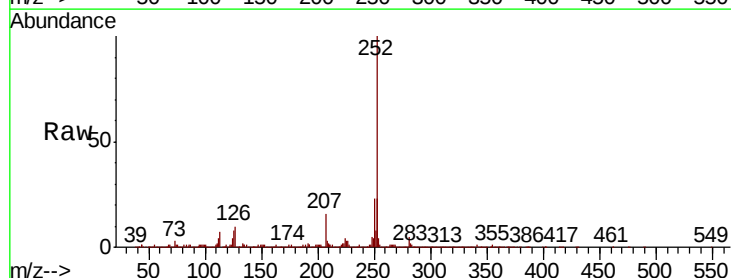
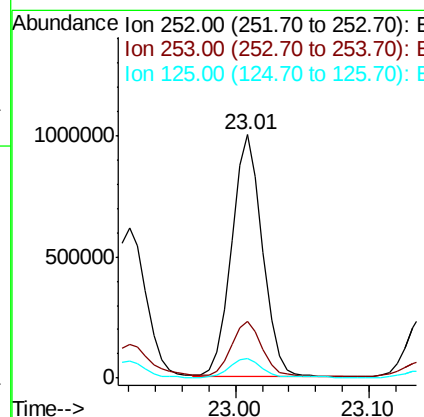
Manual Integrations
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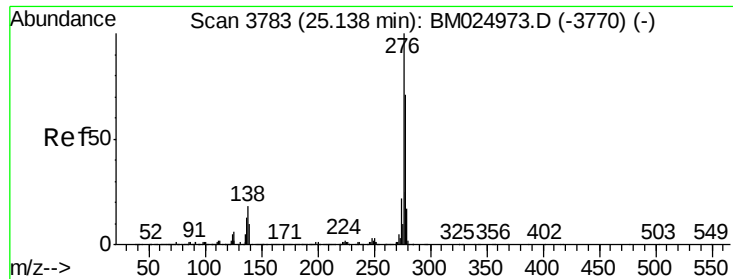
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#91
Benzo(a)pyrene
Concen: 16.586 ng/ul
RT: 23.01 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1613588		
253	23.3		17.5	26.3
125	8.2		5.6	8.4





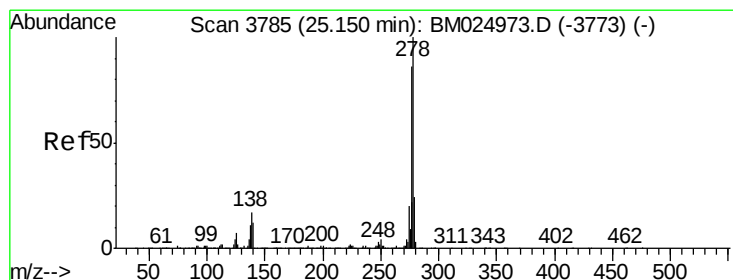
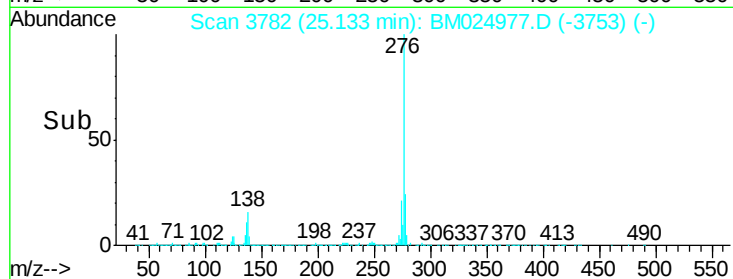
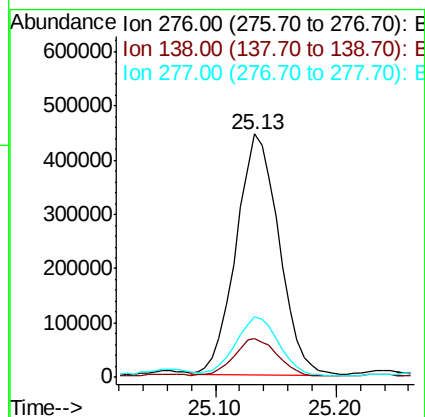
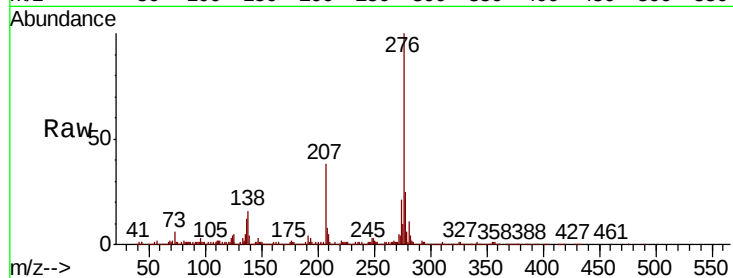
#92
Indeno(1,2,3-cd)pyrene
Concen: 9.125 ng/ul
RT: 25.13 min Scan# 3782
Delta R.T. -0.03 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Instrument :
BNA_M
ClientSampleId :
C5B01

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.8	19.2
277	24.8	19.3	28.9

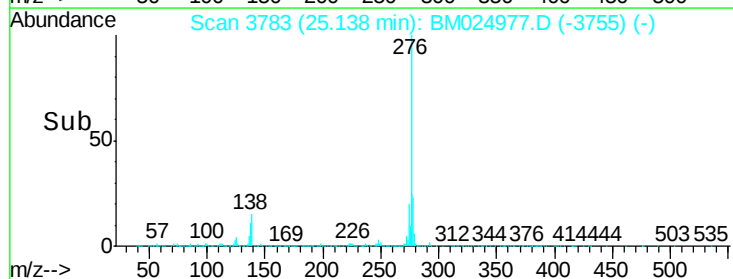
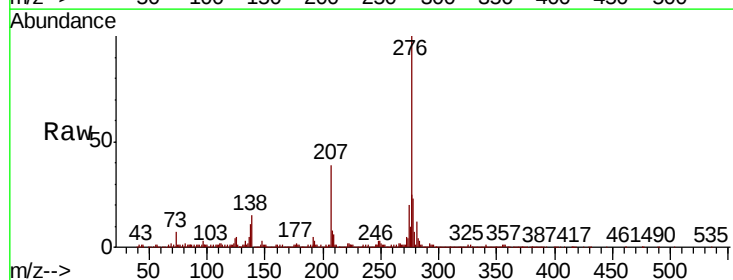
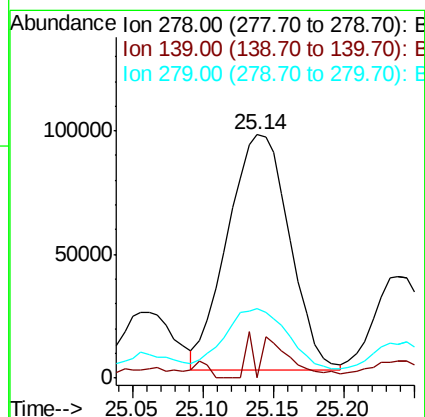
Manual Integrations
APPROVED

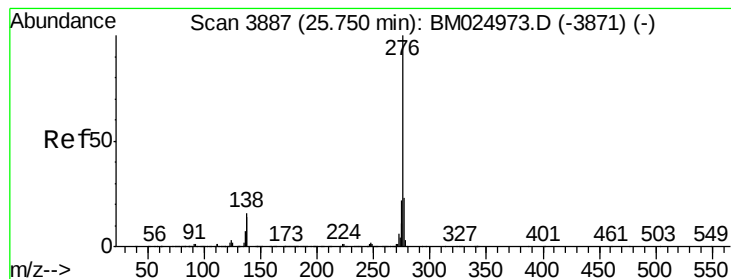
mohammad
2/20/2020 3:13:24 PM



#93
Dibenzo(a,h)anthracene
Concen: 2.832 ng/ul
RT: 25.14 min Scan# 3783
Delta R.T. -0.04 min
Lab File: BM024977.D
Acq: 20 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.4	12.6#
279	28.3	18.5	27.7#





#94

Benzo(a,h,i)perylene

Concen: 9.676 ng/ul

RT: 25.75 min Scan# 3887

Delta R.T. -0.02 min

Lab File: BM024977.D

Acq: 20 Feb 2020 11:38

Instrument :

BNA_M

ClientSampleId :

C5B01

Tot Ion:	276	Resp:	974736
Ion Ratio	Lower	Upper	
276	100		
138	17.0	11.8	17.6
277	24.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/20/2020 3:13:24 PM

