

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024828.D
 Acq On : 11 Feb 2020 03:05
 Operator : CG/JU
 Sample : L1424-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5B29

Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:17 AM

Quant Time: Feb 11 12:01:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	270960	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1024932	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	695520	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1332114	20.00	ng/ul	0.01
78) Chrysene-d12	21.02	240	1350376	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1425947	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	26905	4.78	ng/uL	0.00
5) Phenol-d5	6.60	99	139366	7.74	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	352543	34.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	451997	28.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	274124	18.05	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	300830	40.59	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	315683	36.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	560230	31.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.49	166	1846538	35.17	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	2195477	35.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	80946	9.49	ng/ul	0.00
58) Fluorene-d10	15.06	176	1642210	35.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	286365m	32.98	ng/ul	0.00
71) Anthracene-d10	16.92	188	2448100	40.26	ng/ul	0.00
79) Pyrene-d10	19.22	212	2633531	38.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2915250	40.71	ng/ul	-0.01
Target Compounds						
10) 2-Chlorophenol	6.97	128	17776	1.081	ng/ul	94
16) 4-Methylphenol	8.18	108	23896	1.505	ng/ul	96
27) 2,4-Dichlorophenol	9.82	162	77549m	4.445	ng/ul	
28) Naphthalene	10.22	128	16651767	317.977	ng/ul	95
34) 2-Methylnaphthalene	11.84	142	6489566	168.231	ng/ul	100
39) 2,4,6-Trichlorophenol	12.47	196	56040	3.702	ng/ul	92
40) 2,4,5-Trichlorophenol	12.54	196	766352	48.432	ng/ul	98
41) 1,1'-Biophenyl	12.88	154	1319349	25.696	ng/ul	99
45) Dimethylphthalate	13.53	163	69772	1.274	ng/ul#	82
50) Acenaphthene	14.12	153	633445	14.769	ng/ul	98
54) Dibenzofuran	14.46	168	613226	9.592	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.70	232	1598599	103.391	ng/ul#	99
59) Fluorene	15.12	166	954147	18.108	ng/ul#	94
69) Pentachlorophenol	16.51	266	32298393m	2736.193	ng/ul	
70) Phenanthrene	16.87	178	3221694	44.356	ng/ul	98
72) Anthracene	16.95	178	311297m	4.226	ng/ul	
77) Fluoranthene	18.89	202	207321	2.325	ng/ul#	94
80) Pyrene	19.24	202	318581	3.564	ng/ul#	97

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

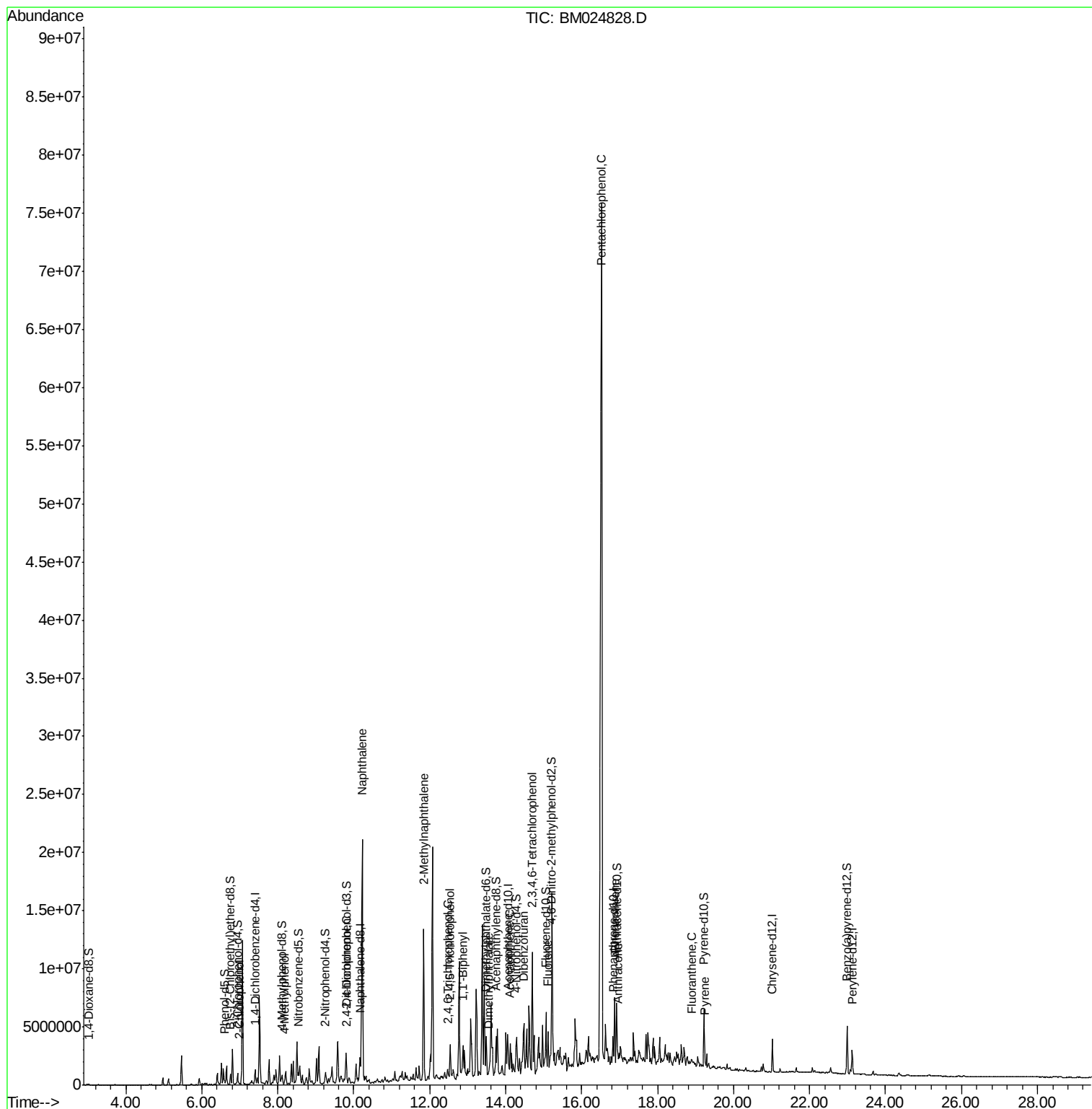
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024828.D
Acq On : 11 Feb 2020 03:05
Operator : CG/JU
Sample : L1424-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

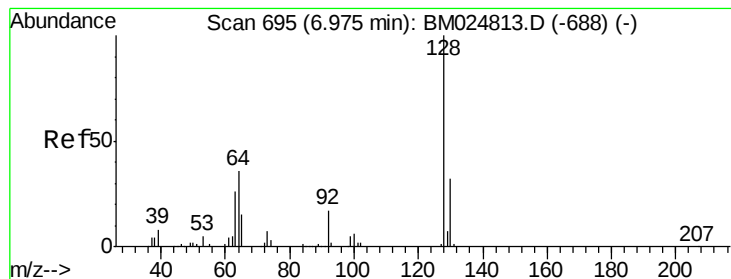
Instrument :
BNA_M
ClientSampleId :
C5B29

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:17 AM

Quant Time: Feb 11 12:01:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 1.081 ng/ul

RT: 6.97 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM024828.D

Acq: 11 Feb 2020 03:05

Instrument :

BNA_M

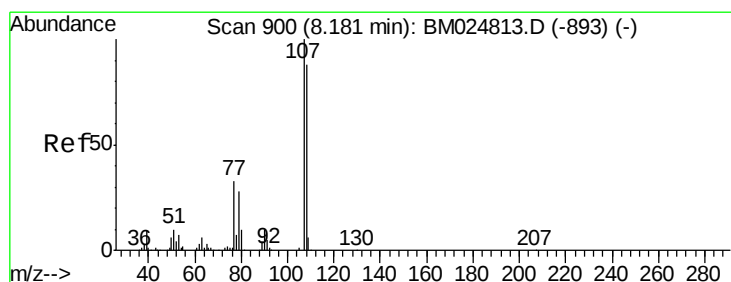
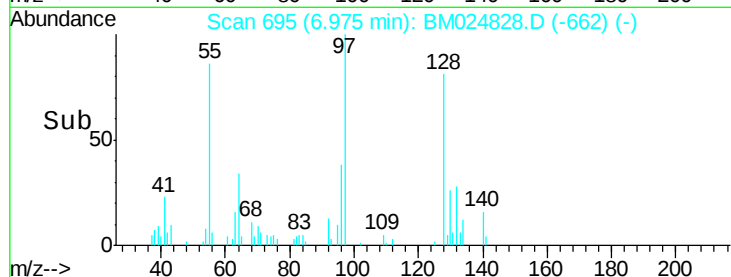
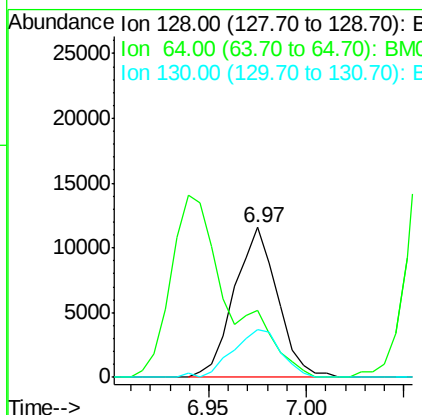
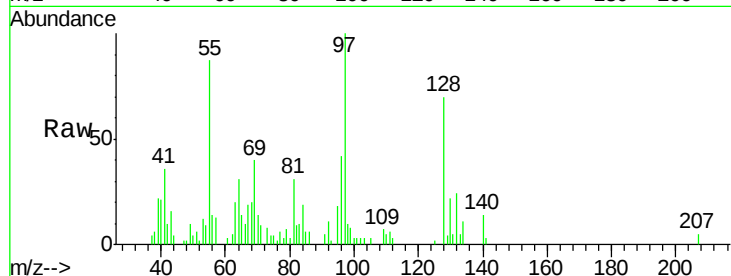
ClientSampled :

C5B29

Tot Ion:	128	Resp:	17776
Ion Ratio	Lower	Upper	
128	100		
64	44.7	31.1	46.7
130	32.1	26.1	39.1

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:17 AM



#16

4-Methylphenol

Concen: 1.505 ng/ul

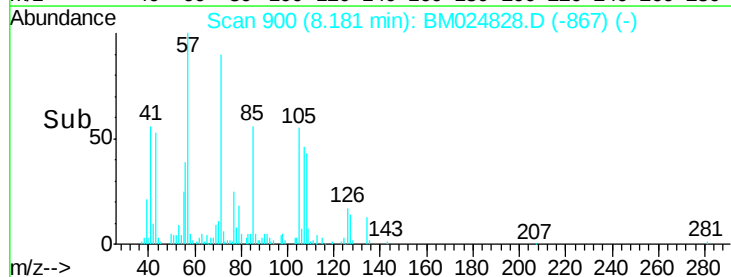
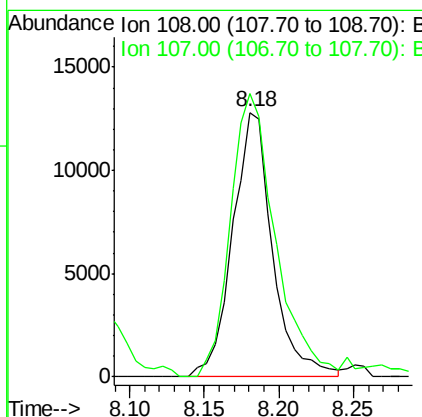
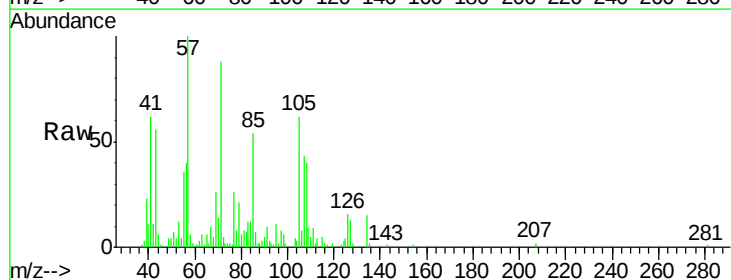
RT: 8.18 min Scan# 900

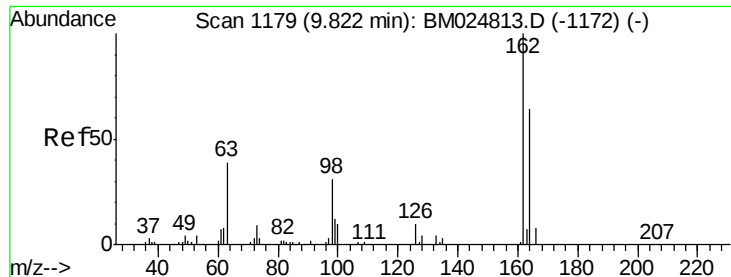
Delta R.T. -0.01 min

Lab File: BM024828.D

Acq: 11 Feb 2020 03:05

Tgt Ion:	108	Resp:	23896
Ion Ratio	Lower	Upper	
108	100		
107	107.1	89.4	134.0





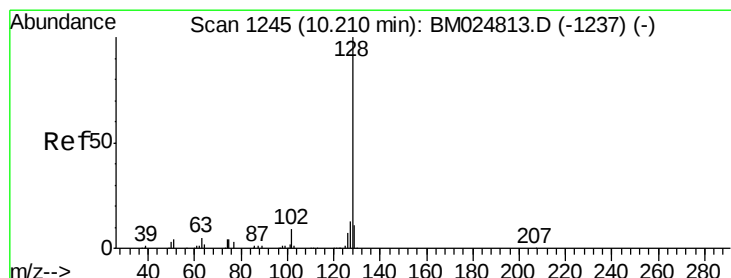
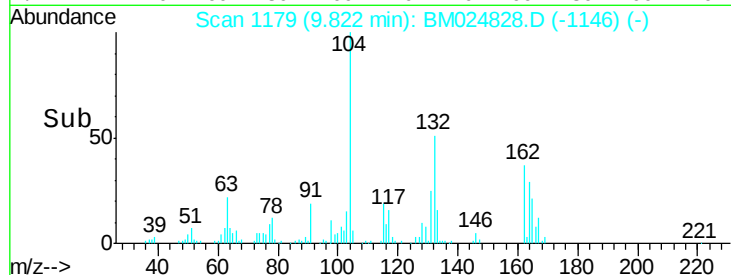
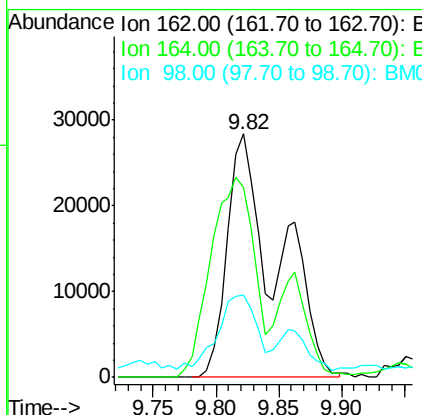
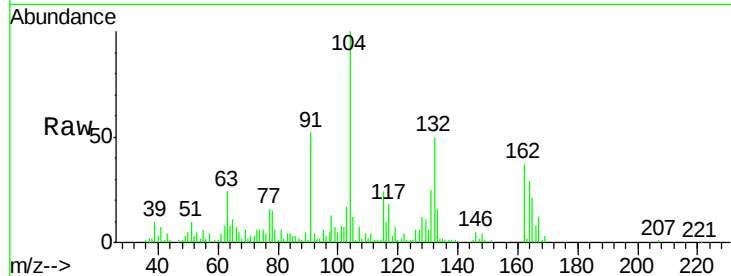
#27
2,4-Dichlorophenol
Concen: 4.445 ng/ul m
RT: 9.82 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Instrument :
BNA_M
ClientSampled :
C5B29

Tot Ion	Ratio	Resp	Lower	Upper
162	100	77549		
164	78.0	52.6	79.0	
98	33.8	23.9	35.9	

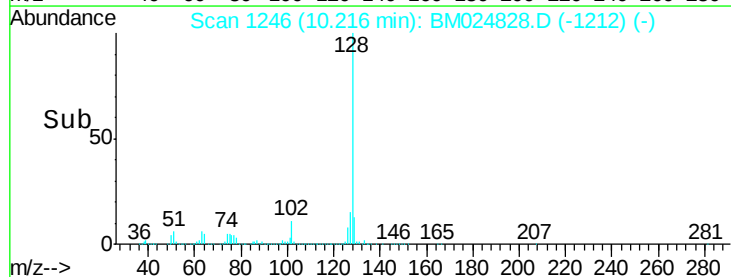
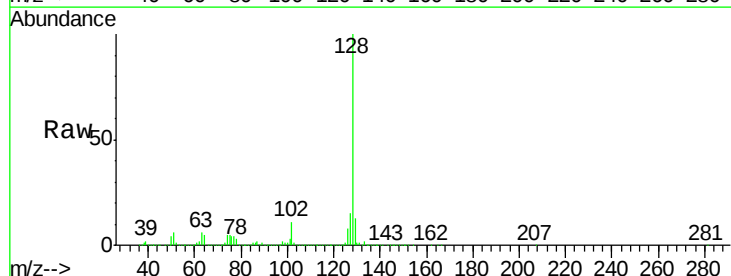
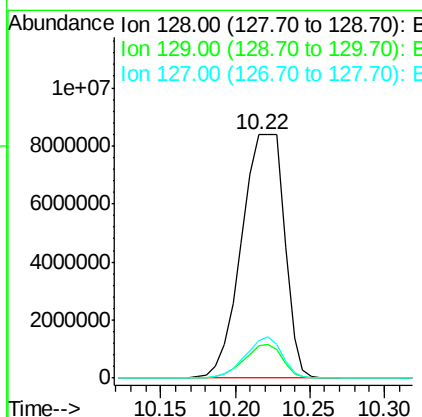
Manual Integrations
APPROVED

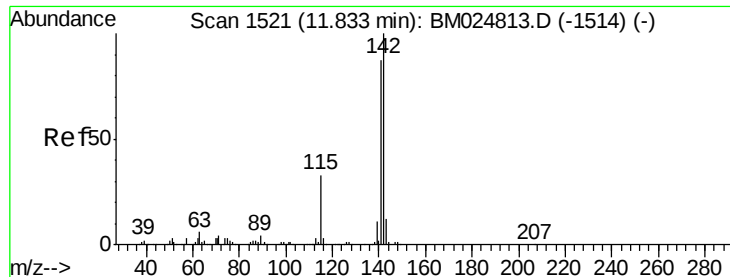
mohammad
2/13/2020 10:29:17 AM



#28
Naphthalene
Concen: 317.977 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	16651767		
129	13.1	9.1	13.7	
127	15.3	10.4	15.6	





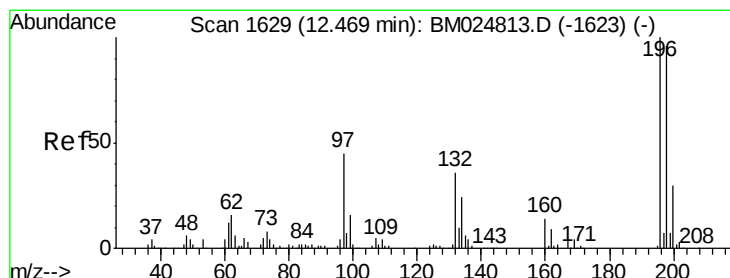
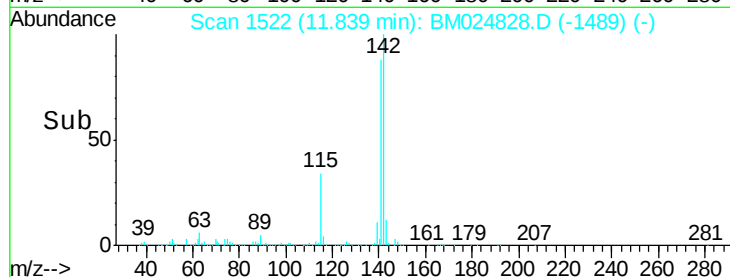
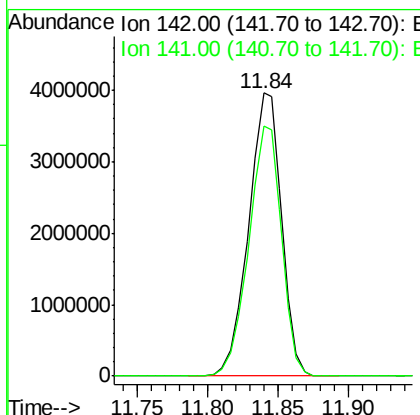
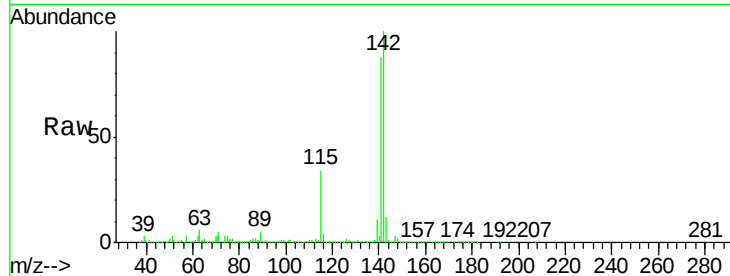
#34
 2-Methylnaphthalene
 Concen: 168.231 ng/ul
 RT: 11.84 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Instrument :
 BNA_M
 ClientSampleID :
 C5B29

Tot Ion:142 Resp: 6489566
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.5 105.7

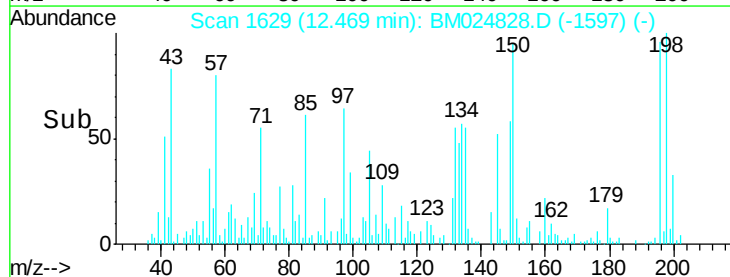
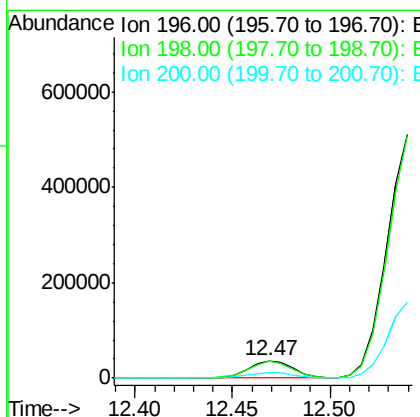
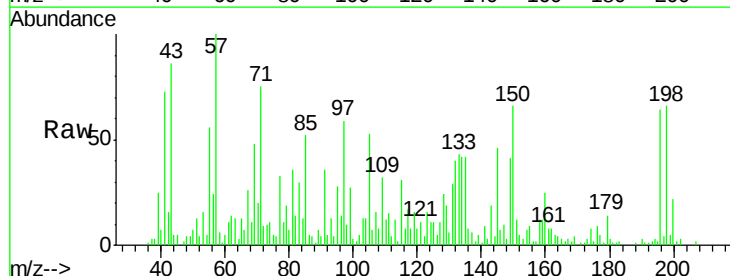
Manual Integrations
 APPROVED

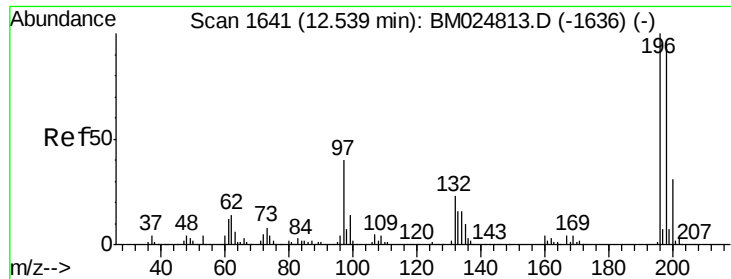
mohammad
 2/13/2020 10:29:17 AM



#39
 2,4,6-Trichlorophenol
 Concen: 3.702 ng/ul
 RT: 12.47 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Tgt Ion:196 Resp: 56040
 Ion Ratio Lower Upper
 196 100
 198 102.8 74.4 111.6
 200 33.6 26.0 39.0





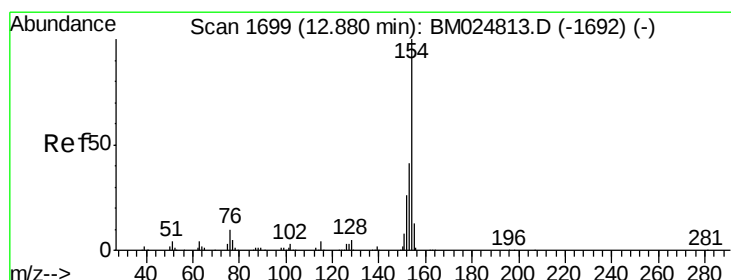
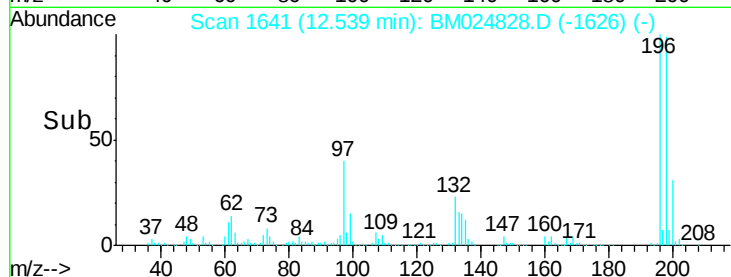
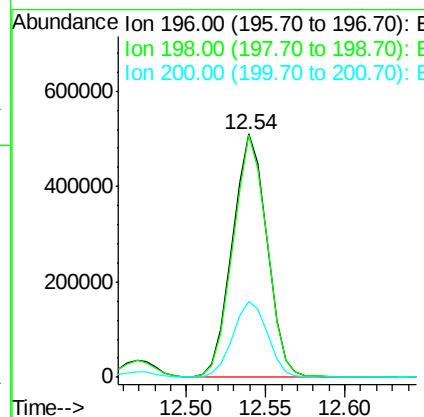
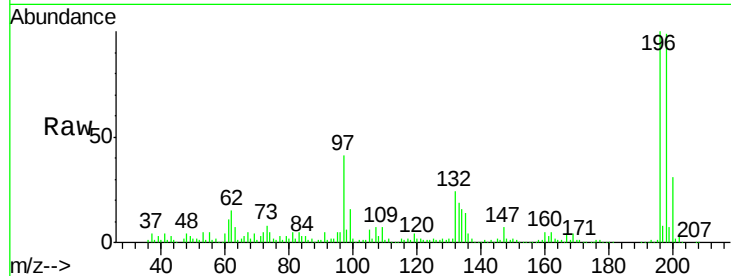
#40
 2,4,5-Trichlorophenol
 Concen: 48.432 ng/ul
 RT: 12.54 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Instrument :
 BNA_M
 ClientSampleId :
 C5B29

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	77.4	116.2
200	31.4	24.5	36.7

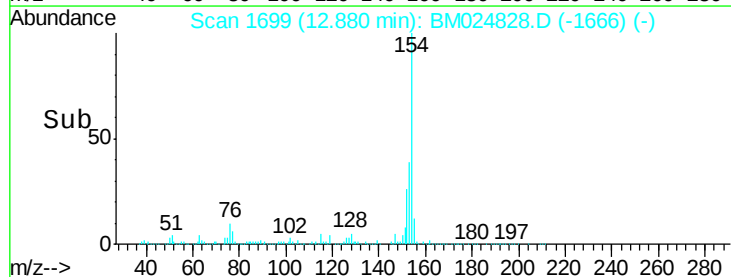
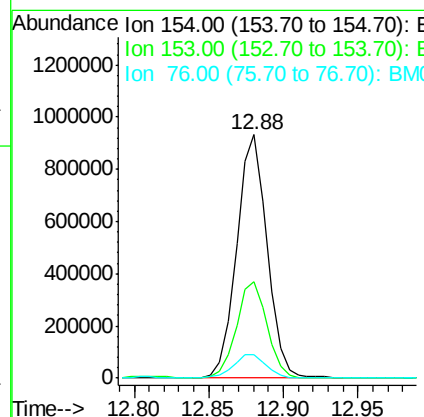
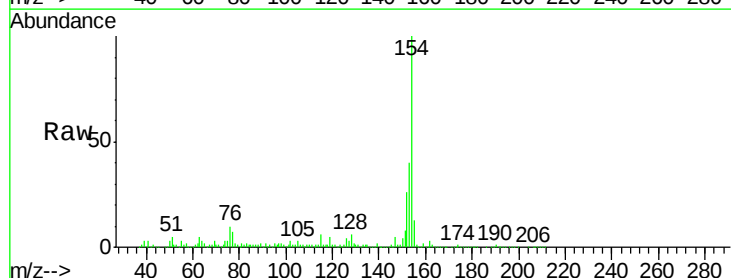
Manual Integrations
 APPROVED

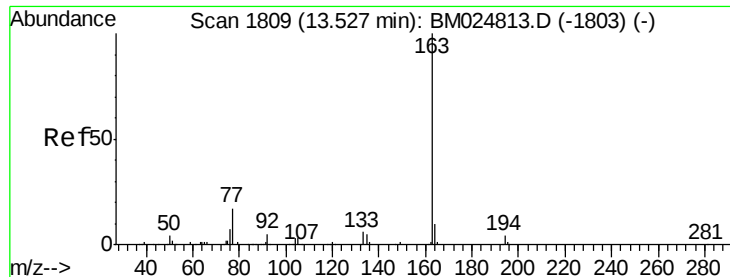
mohammad
 2/13/2020 10:29:17 AM



#41
 1,1'-Biphenyl
 Concen: 25.696 ng/ul
 RT: 12.88 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	31.4	47.2
76	9.7	7.5	11.3





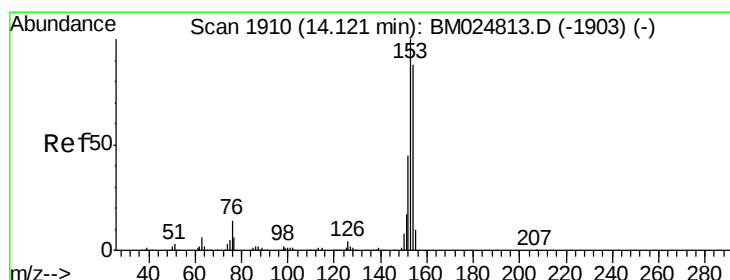
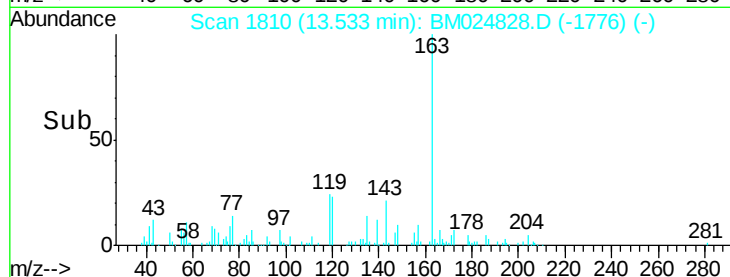
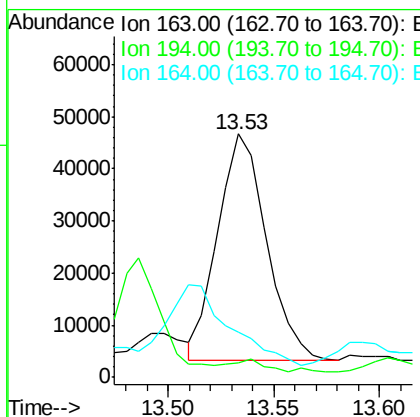
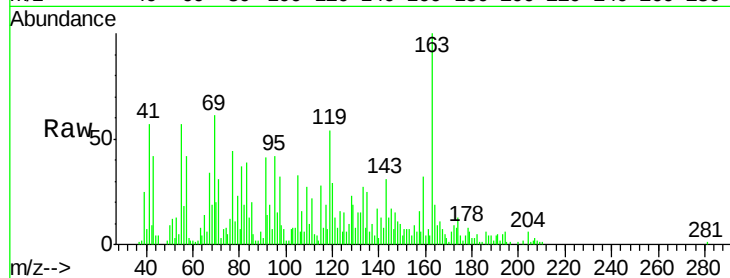
#45
Dimethylphthalate
Concen: 1.274 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Instrument :
BNA_M
ClientSampled :
C5B29

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.5	5.3#
164	18.7	8.2	12.2#

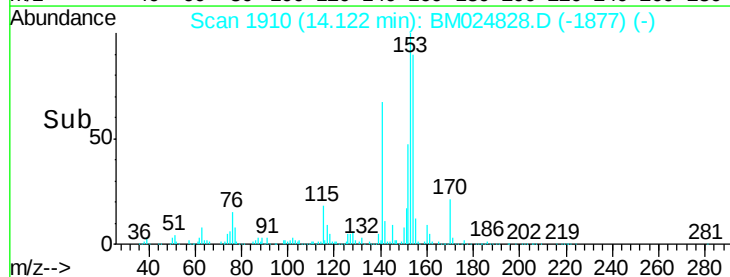
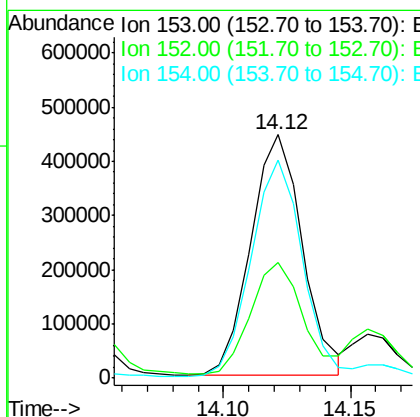
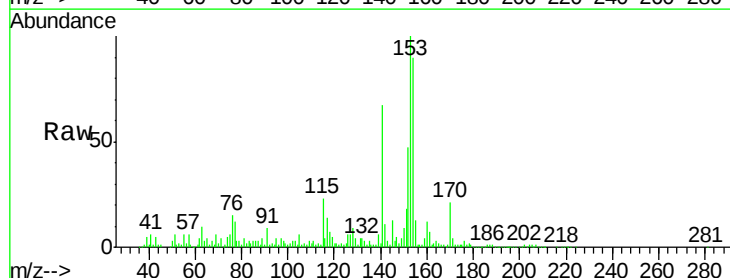
Manual Integrations
APPROVED

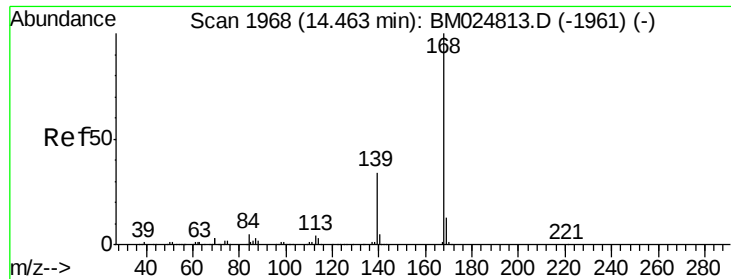
mohammad
2/13/2020 10:29:17 AM



#50
Acenaphthene
Concen: 14.769 ng/ul
RT: 14.12 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.3	55.9
154	89.5	74.1	111.1





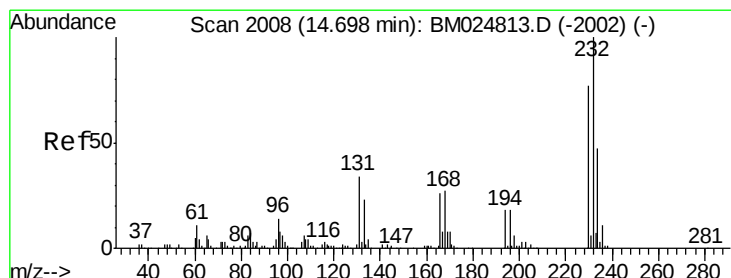
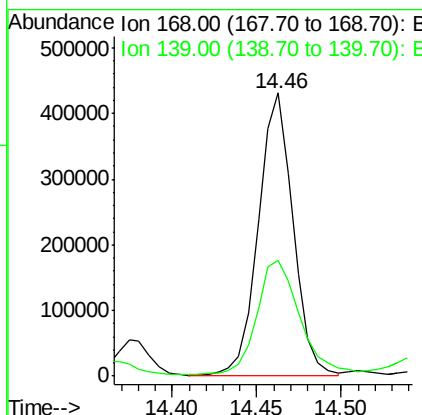
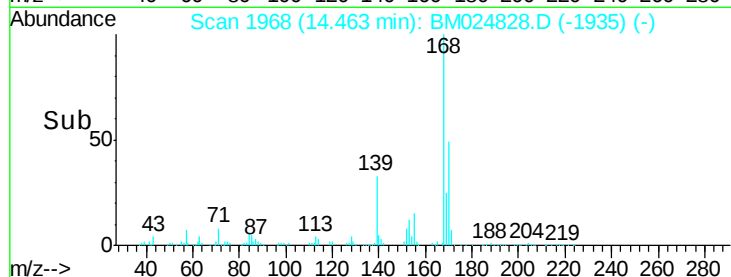
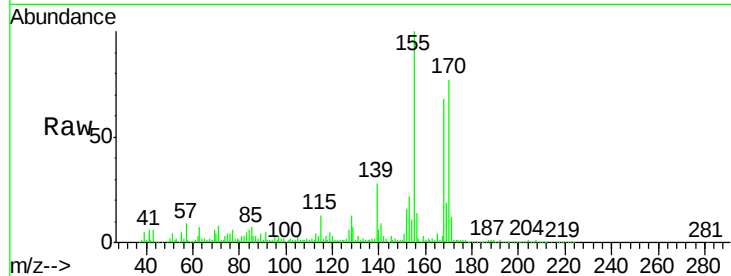
#54
Dibenzofuran
Concen: 9.592 ng/ul
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Instrument :
BNA_M
ClientSampleID :
C5B29

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	27.8	41.8

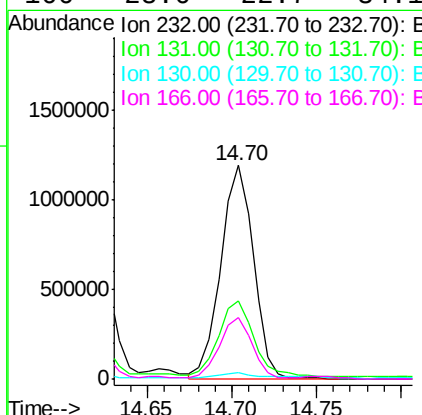
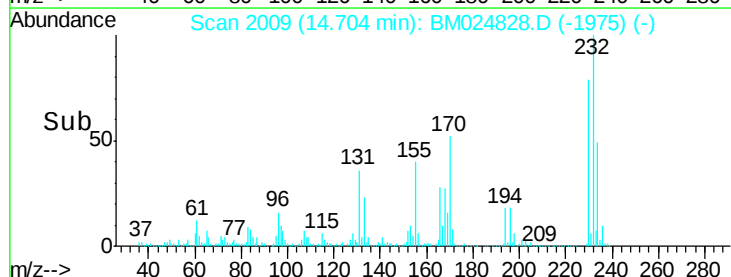
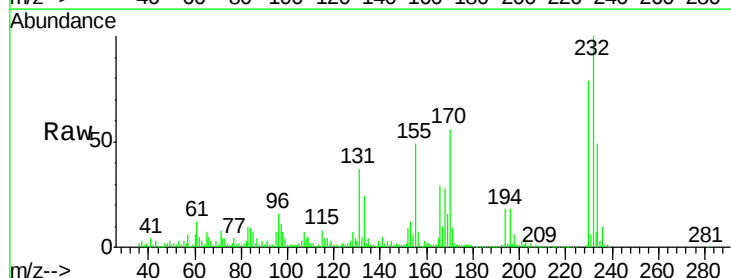
Manual Integrations
APPROVED

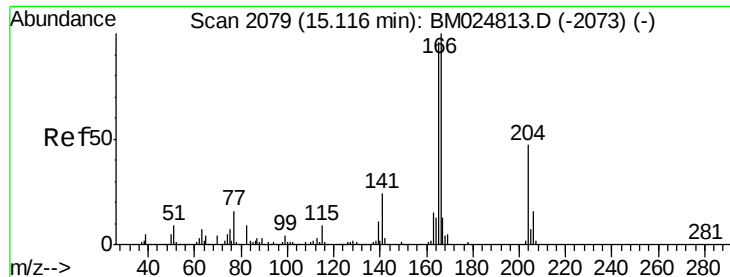
mohammad
2/13/2020 10:29:17 AM



#56
2,3,4,6-Tetrachlorophenol
Concen: 103.391 ng/ul
RT: 14.70 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.7	28.5	42.7
130	2.7	1.4	2.0
166	28.6	22.7	34.1





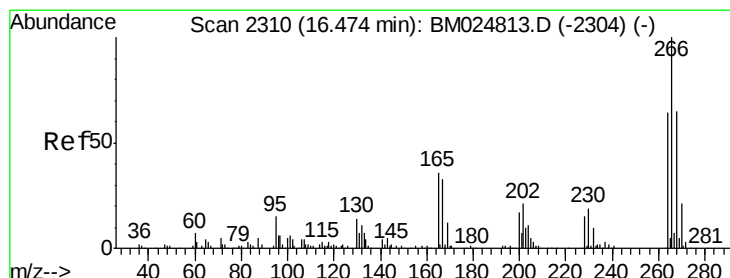
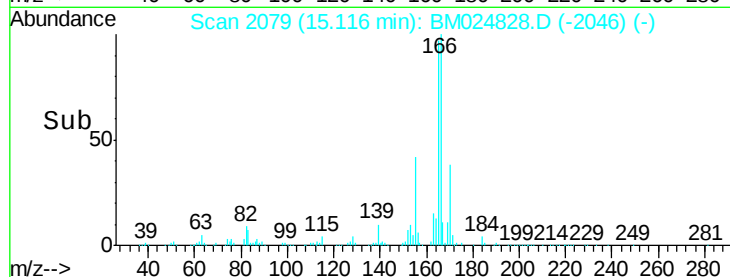
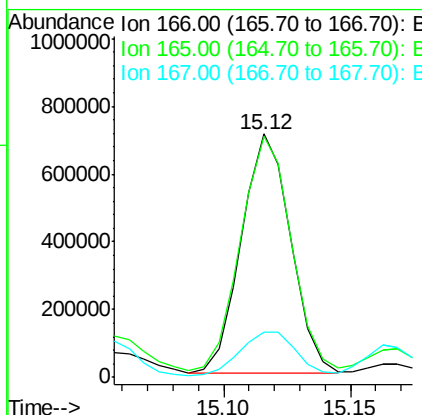
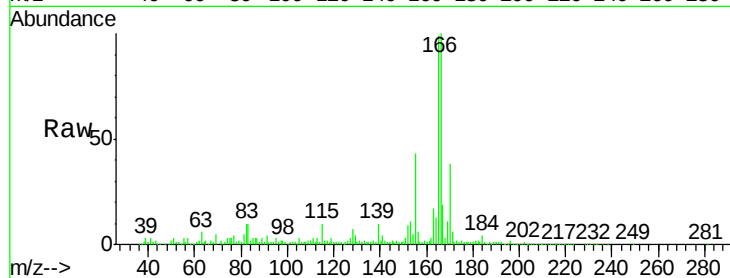
#59
 Fluorene
 Concen: 18.108 ng/ul
 RT: 15.12 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Instrument :
 BNA_M
 ClientSampleId :
 C5B29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		954147		
165	99.2	75.8	113.8		
167	18.8	10.6	16.0		

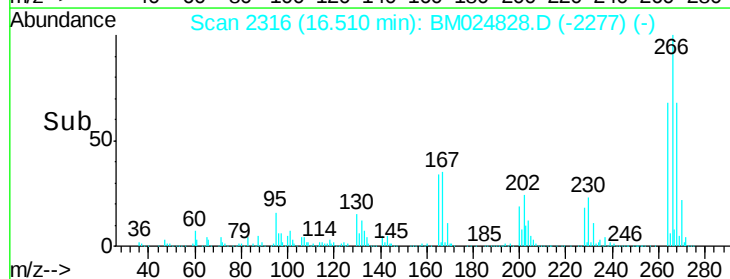
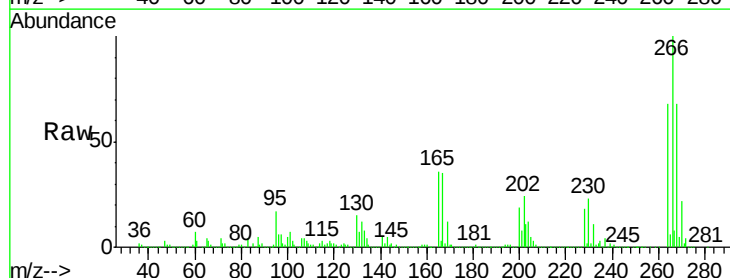
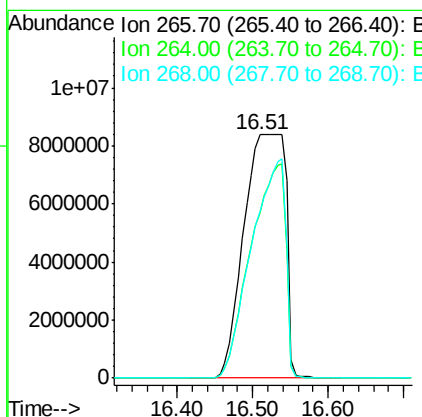
Manual Integrations
 APPROVED

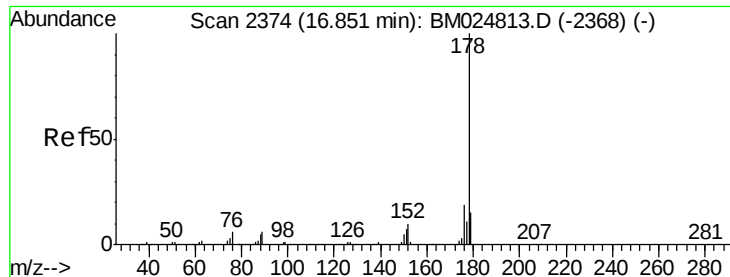
mohammad
 2/13/2020 10:29:17 AM



#69
 Pentachlorophenol
 Concen: 2736.193 ng/ul m
 RT: 16.51 min Scan# 2316
 Delta R.T. 0.03 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Tgt Ion	Ion	Ratio	Lower	Upper
266	100			
264	68.2	50.0	75.0	
268	68.3	50.4	75.6	





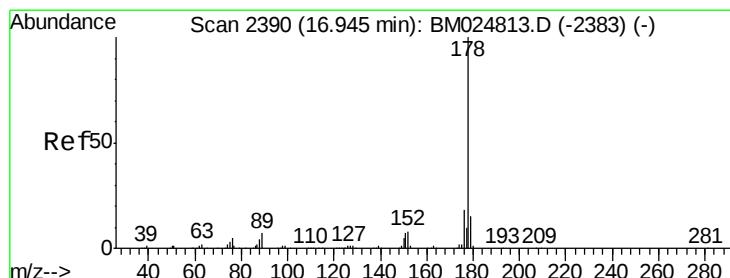
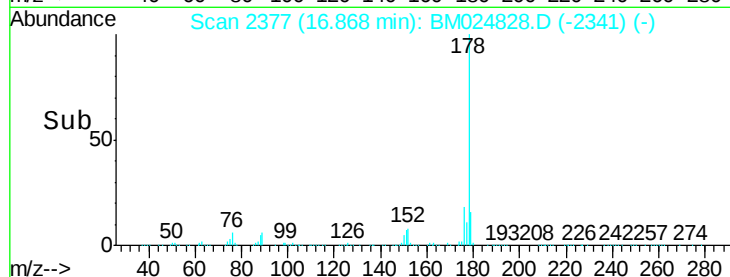
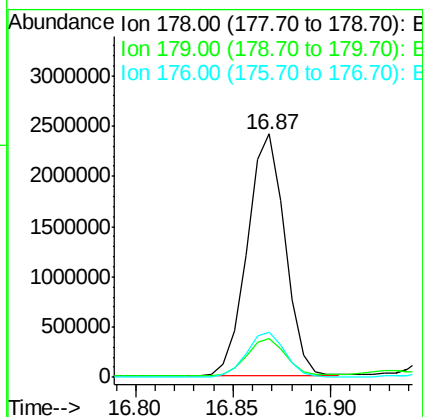
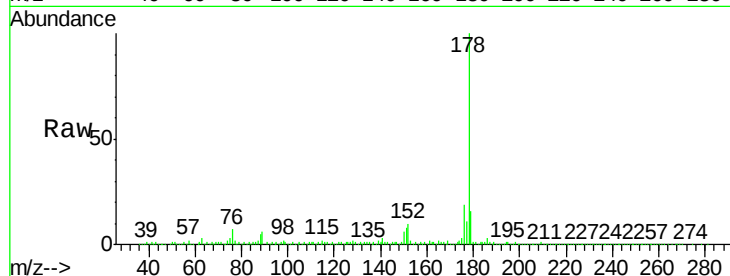
#70
Phenanthrene
Concen: 44.356 ng/ul
RT: 16.87 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Instrument :
BNA_M
ClientSampleId :
C5B29

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.2
176	18.6	14.5	21.7

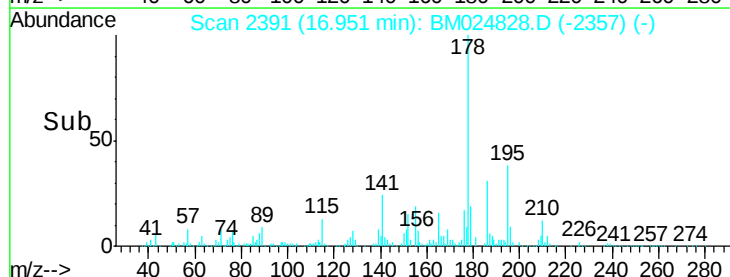
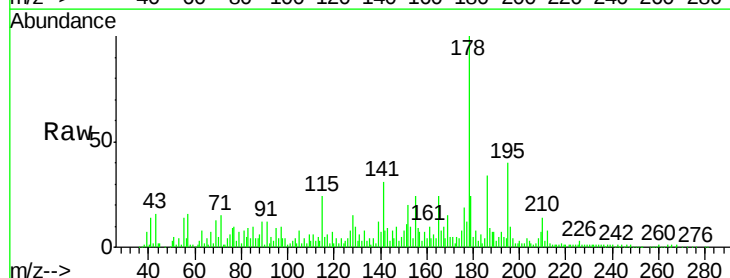
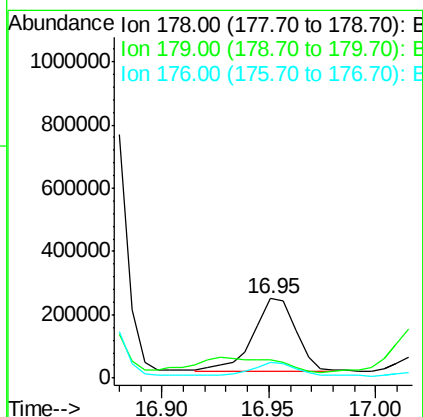
Manual Integrations
APPROVED

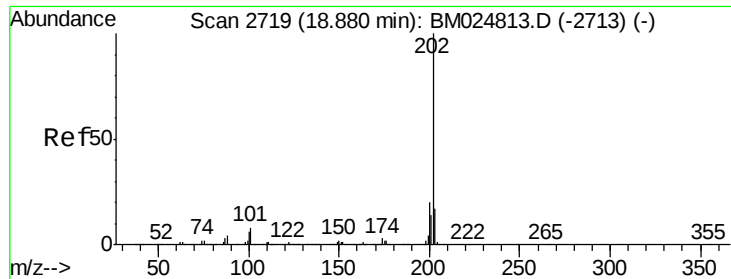
mohammad
2/13/2020 10:29:17 AM



#72
Anthracene
Concen: 4.226 ng/ul m
RT: 16.95 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BM024828.D
Acq: 11 Feb 2020 03:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.6	12.3	18.5#
176	19.5	14.1	21.1





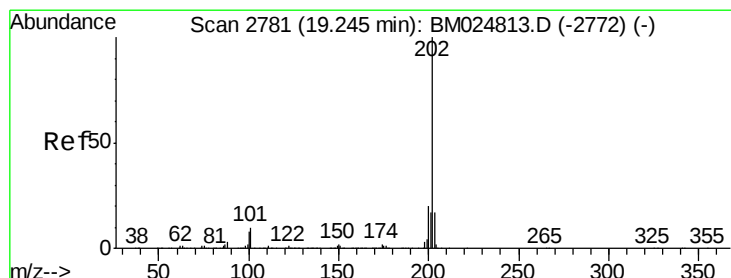
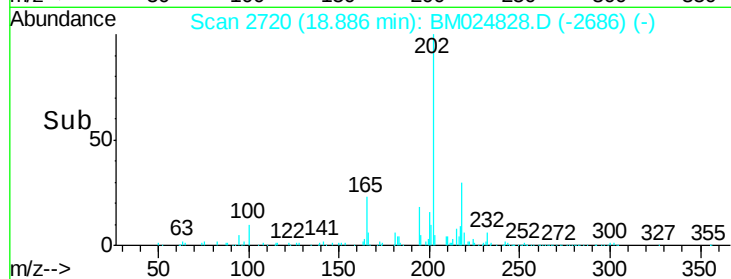
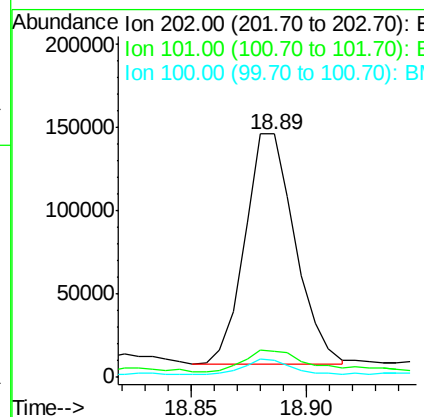
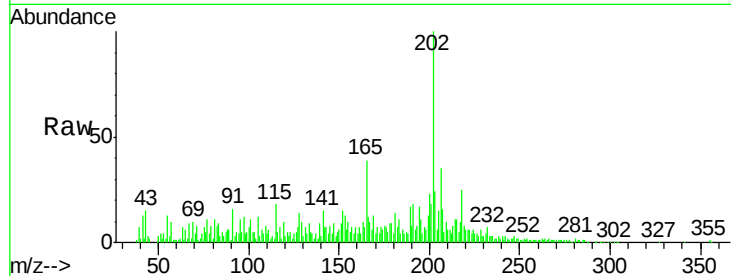
#77
 Fluoranthene
 Concen: 2.325 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Instrument :
 BNA_M
 ClientSampleId :
 C5B29

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	6.1	9.1#
100	7.2	4.8	7.2

Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:17 AM



#80
 Pyrene
 Concen: 3.564 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024828.D
 Acq: 11 Feb 2020 03:05

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	7.0	10.4#
100	7.5	5.8	8.8

