

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
 Data File : BM026214.D
 Acq On : 02 Jun 2020 01:29
 Operator : JU/CG
 Sample : L2829-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CE6

Manual Integrations
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Quant Time: Jun 02 11:06:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 01 16:59:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	182269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	741982	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	466353	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	947510	20.00	ng/ul	0.02
78) Chrysene-d12	21.07	240	937072	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	980039	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	25924	4.29	ng/uL	0.00
5) Phenol-d5	6.67	99	132951	8.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	344270	30.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	334353	25.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	230859	18.53	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	220774	36.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	233186	38.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	381104	31.72	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	1315594	35.18	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1550297	34.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	65714	9.92	ng/ul	0.02
58) Fluorene-d10	15.12	176	1146237	35.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	301229m	54.52	ng/ul	0.02
71) Anthracene-d10	16.99	188	1792931	38.40	ng/ul	0.02
79) Pyrene-d10	19.28	212	1884406	39.15	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.06	264	1738836	33.33	ng/ul	0.00

Target Compounds

						Qvalue
16) 4-Methylphenol	8.26	108	19407	1.40	ng/ul	91
24) 2,4-Dimethylphenol	9.45	107	20985	1.26	ng/ul#	64
27) 2,4-Dichlorophenol	9.90	162	49124m	3.94	ng/ul	
28) Naphthalene	10.29	128	3826734	84.35	ng/ul	100
34) 2-Methylnaphthalene	11.91	142	1918199	62.86	ng/ul	99
39) 2,4,6-Trichlorophenol	12.54	196	43025	4.42	ng/ul	95
40) 2,4,5-Trichlorophenol	12.62	196	783687	73.03	ng/ul	98
41) 1,1'-Biphenyl	12.95	154	384274	9.29	ng/ul	100
45) Dimethylphthalate	13.60	163	190249	4.85	ng/ul#	92
50) Acenaphthene	14.19	153	274602	8.00	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.77	232	1137807	126.08	ng/ul#	98
59) Fluorene	15.18	166	321259	8.24	ng/ul#	98
69) Pentachlorophenol	16.62	266	27861675	4077.70	ng/ul	98
70) Phenanthrene	16.93	178	963325	16.14	ng/ul	97
72) Anthracene	17.02	178	131215m	2.19	ng/ul	
77) Fluoranthene	18.94	202	92022	1.47	ng/ul#	85
80) Pyrene	19.30	202	201980	3.07	ng/ul	98

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

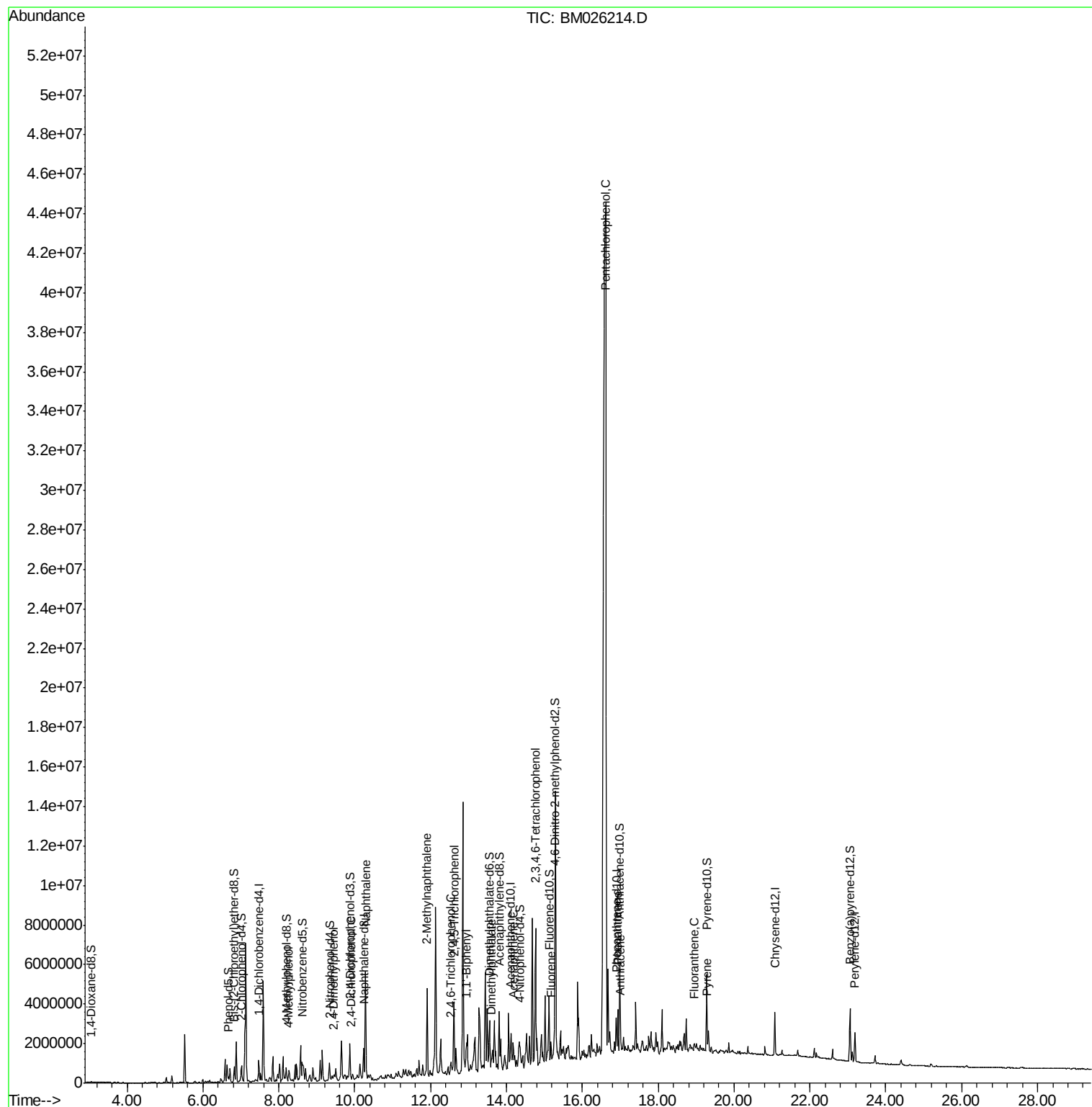
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Data File : BM026214.D
Acq On : 02 Jun 2020 01:29
Operator : JU/CG
Sample : L2829-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

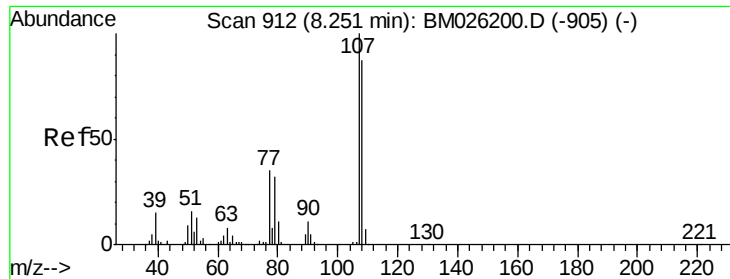
Instrument :
BNA_M
ClientSampleId :
C5CE6

Quant Time: Jun 02 11:06:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 01 16:59:35 2020
Response via : Initial Calibration

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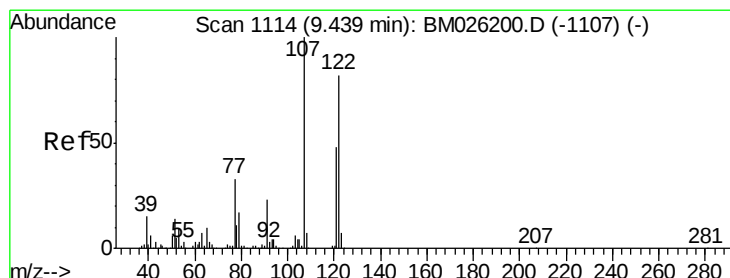
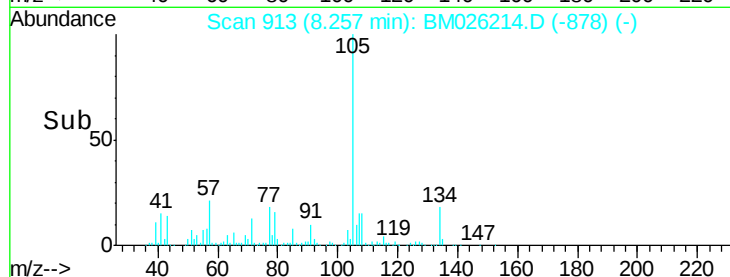
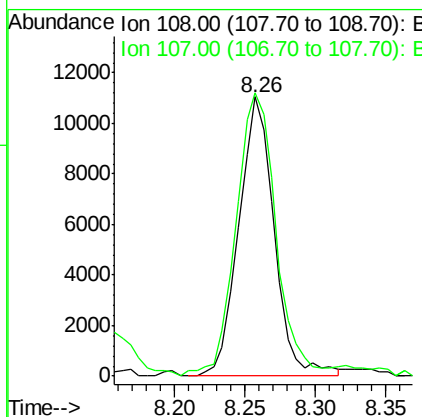
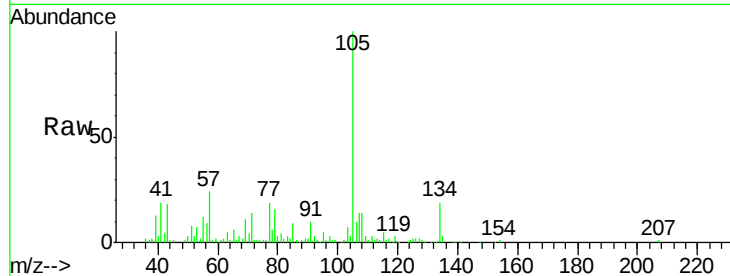
#16
4-Methylphenol
Concen: 1.40 ng/ul
RT: 8.26 min Scan# 913
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Instrument :
BNA_M
ClientSampleId :
C5CE6

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	19407		
107	101.3	88.6	132.8	

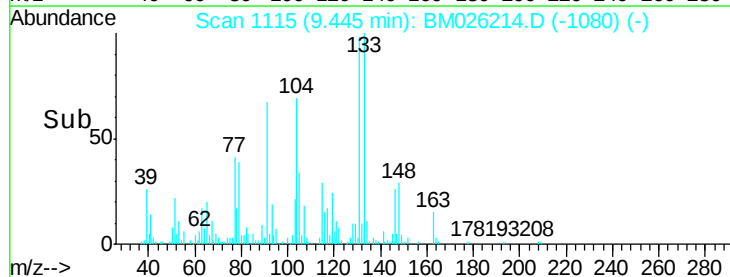
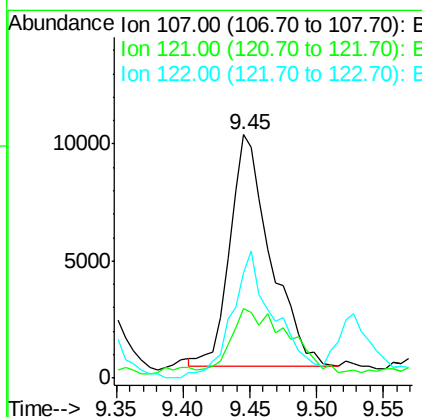
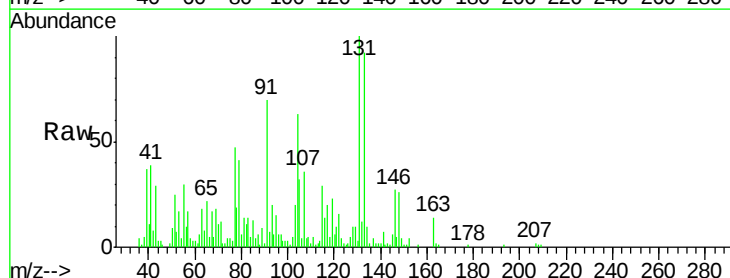
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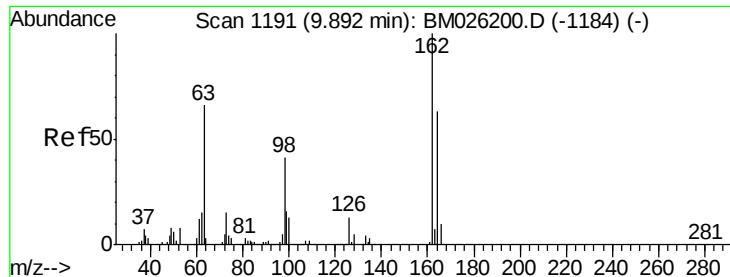
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#24
2,4-Dimethylphenol
Concen: 1.26 ng/ul
RT: 9.45 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	20985		
121	28.5	37.5	56.3#	
122	43.1	63.8	95.6#	





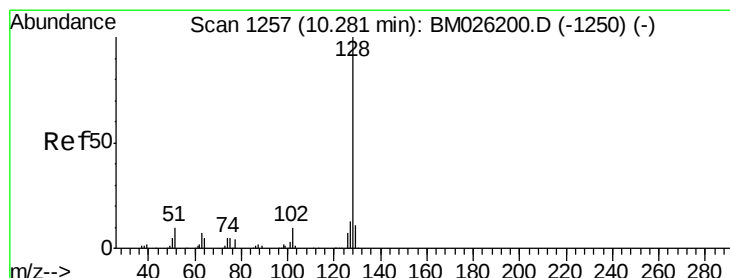
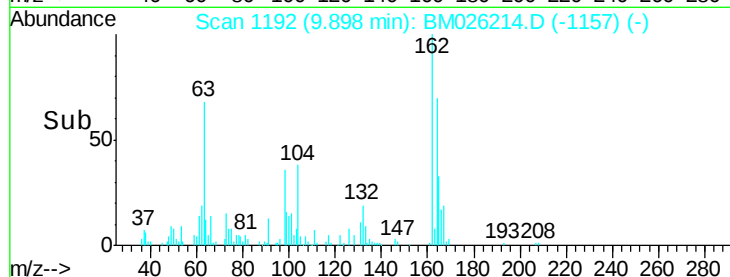
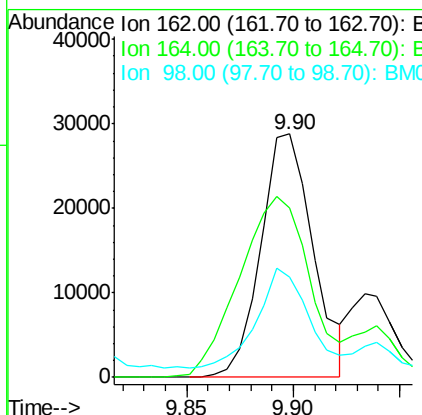
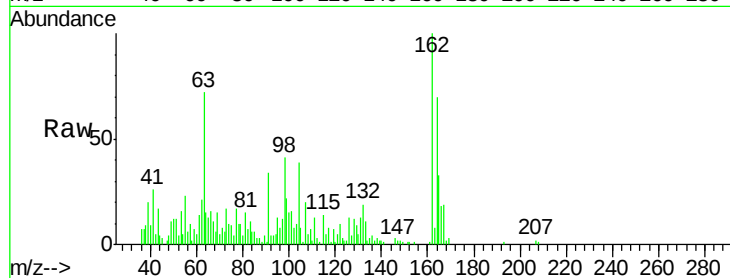
#27
2,4-Dichlorophenol
Concen: 3.94 ng/ul m
RT: 9.90 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Instrument :
BNA_M
ClientSampleId :
C5CE6

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.8	51.0	76.4
98	41.2	32.1	48.1

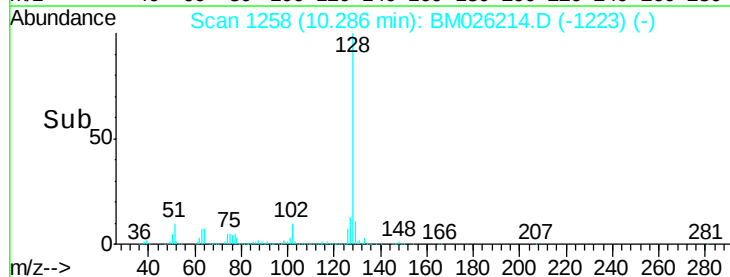
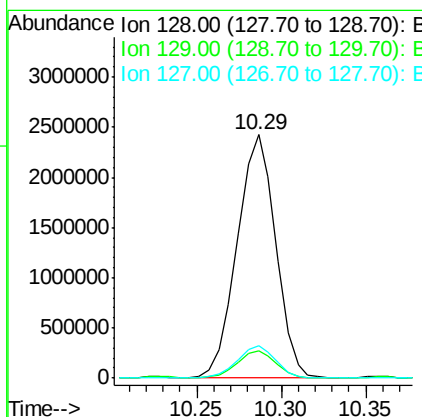
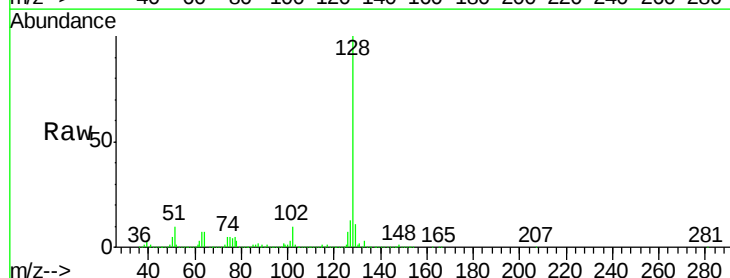
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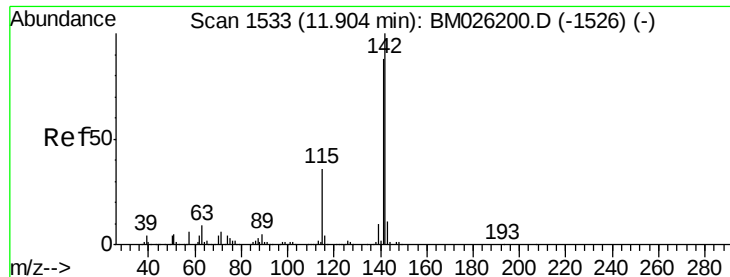
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#28
Naphthalene
Concen: 84.35 ng/ul
RT: 10.29 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	15.8





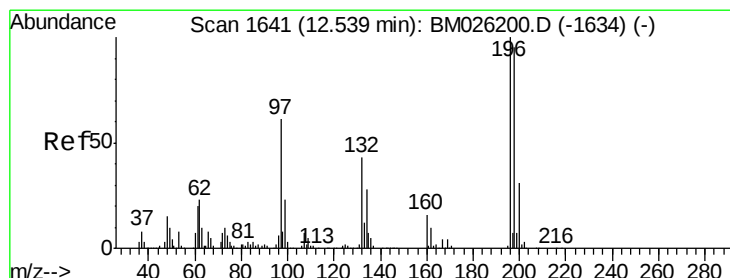
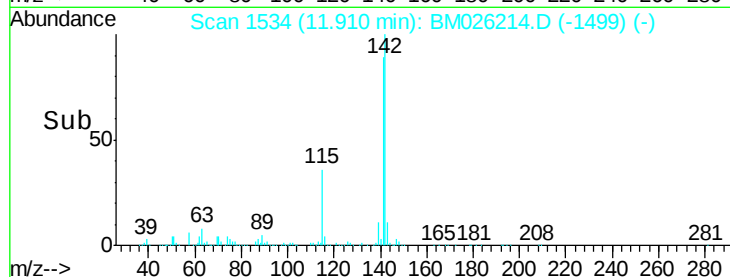
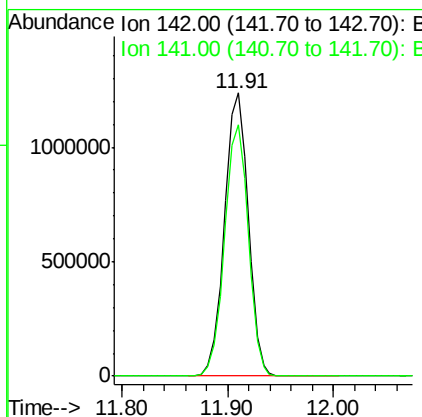
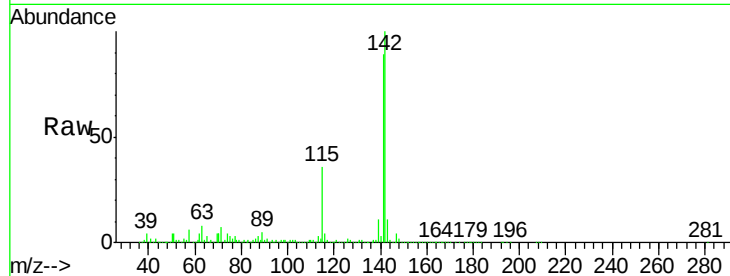
#34
2-Methylnaphthalene
Concen: 62.86 ng/ul
RT: 11.91 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Instrument :
BNA_M
ClientSampleId :
C5CE6

Tgt Ion:142 Resp: 1918199
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.6

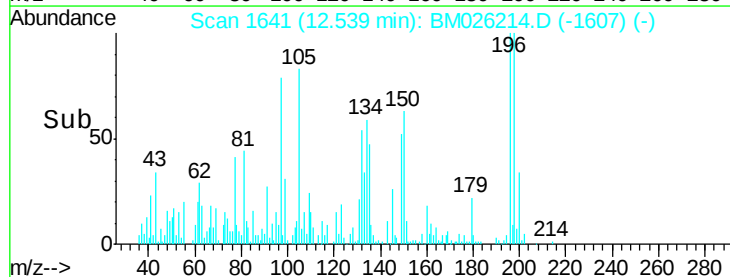
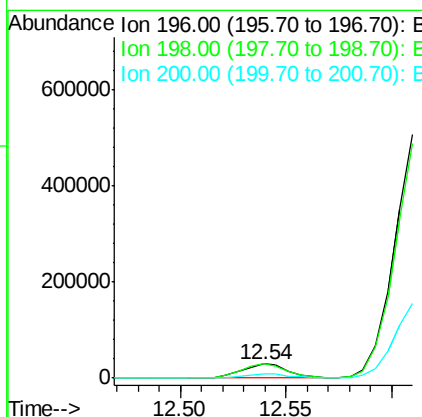
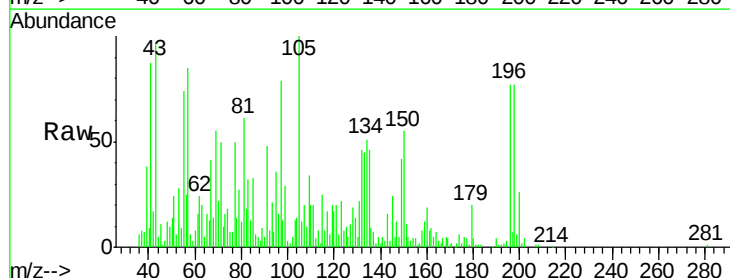
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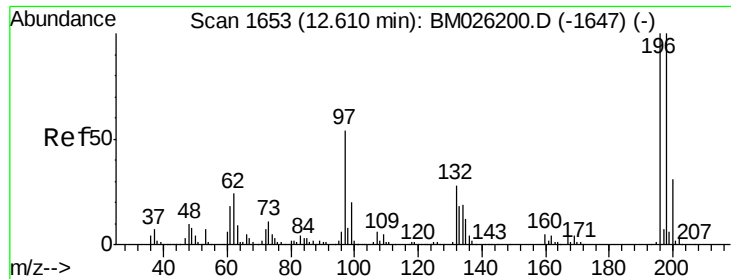
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#39
2,4,6-Trichlorophenol
Concen: 4.42 ng/ul
RT: 12.54 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Tgt Ion:196 Resp: 43025
Ion Ratio Lower Upper
196 100
198 99.9 76.0 114.0
200 33.5 24.5 36.7





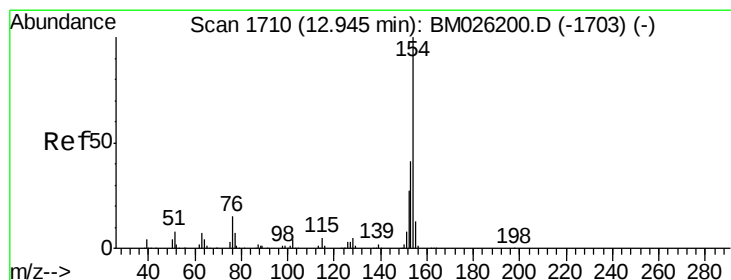
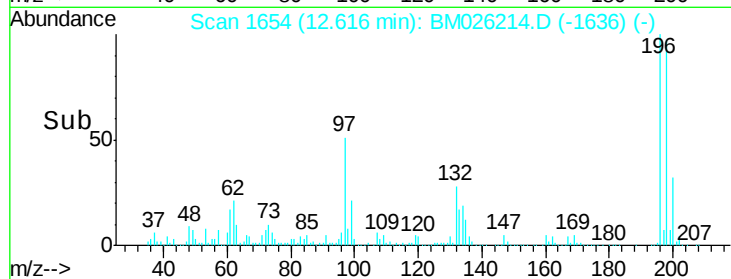
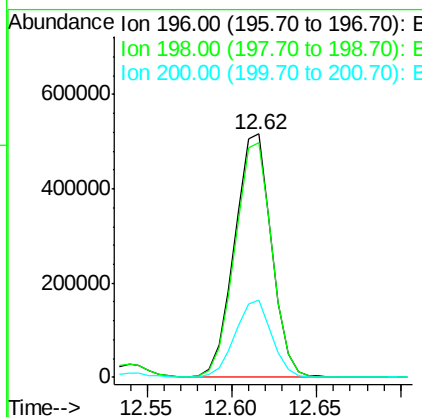
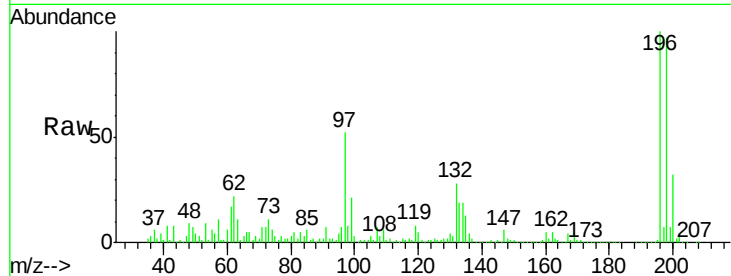
#40
 2,4,5-Trichlorophenol
 Concen: 73.03 ng/ul
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM026214.D
 Acq: 02 Jun 2020 01:29

Instrument :
 BNA_M
 ClientSampled :
 C5CE6

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	783687		
198	96.6	79.0	118.6	
200	31.7	25.0	37.4	

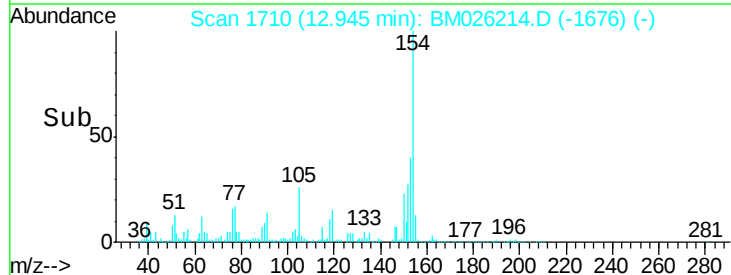
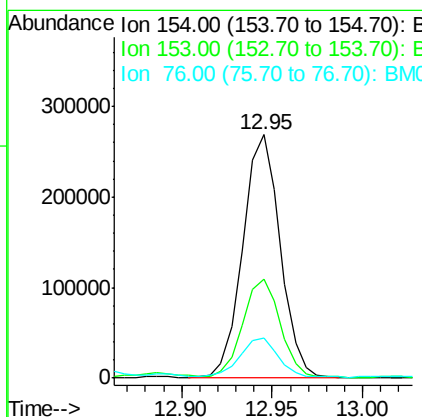
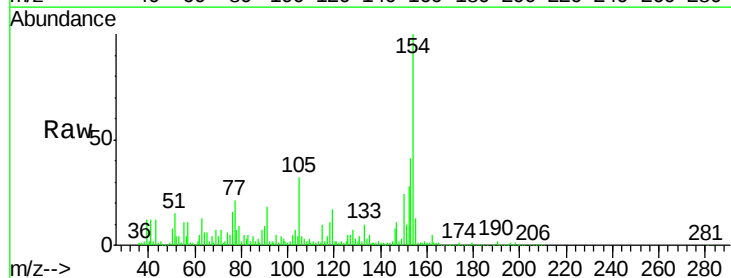
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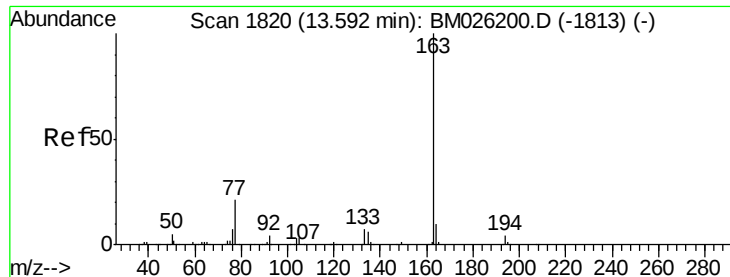
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#41
 1,1'-Biphenyl
 Concen: 9.29 ng/ul
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BM026214.D
 Acq: 02 Jun 2020 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	384274		
153	40.7	32.3	48.5	
76	16.3	13.0	19.6	





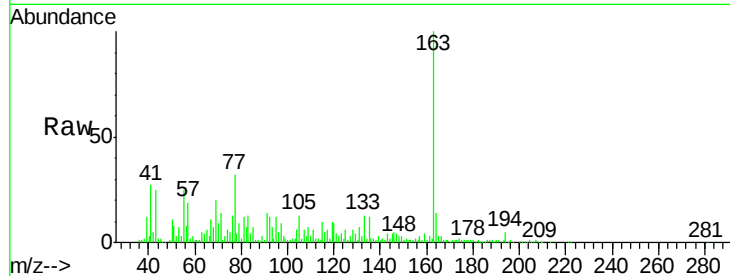
#45
Dimethylphthalate
Concen: 4.85 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Instrument :
BNA_M
ClientSampleId :
C5CE6

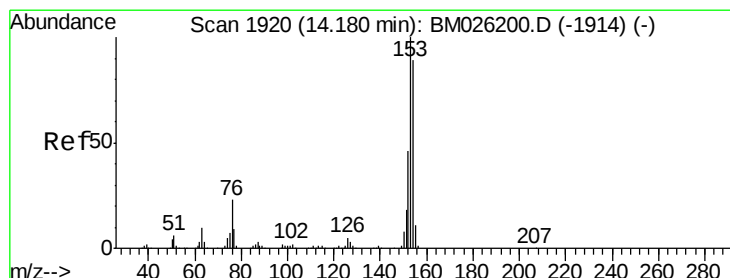
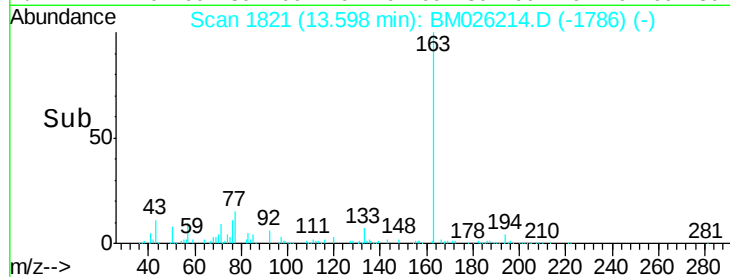
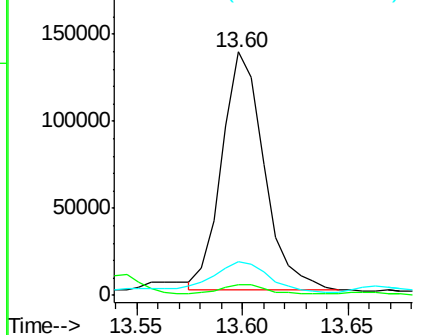
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	190249		
194	4.6	3.2	4.8	
164	14.0	8.0	12.0	

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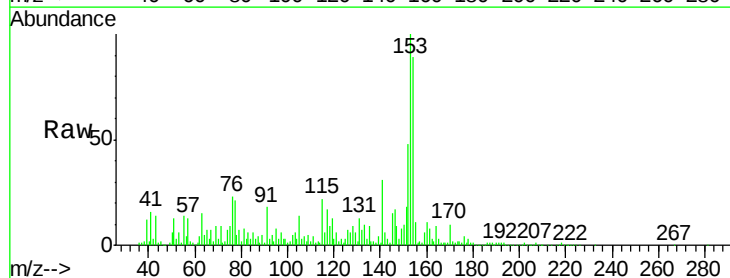


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

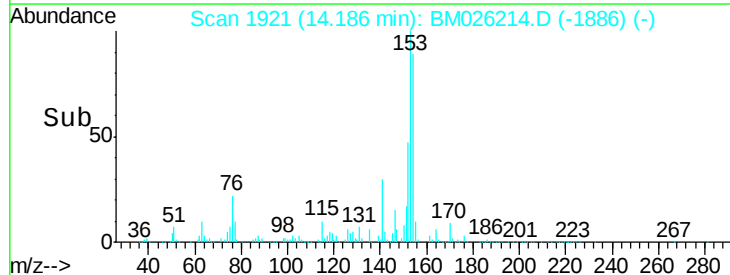
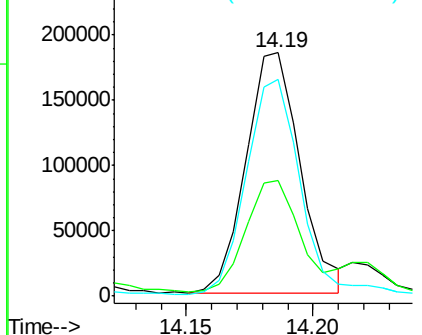


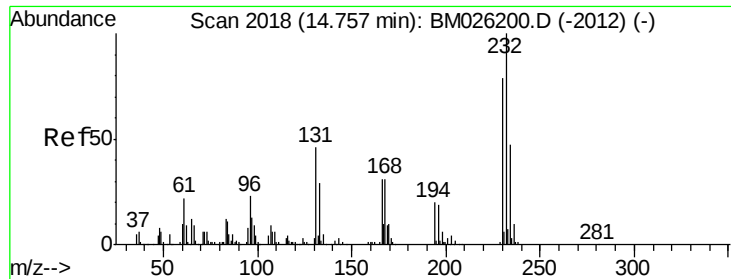
#50
Acenaphthene
Concen: 8.00 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	274602		
152	47.6	37.2	55.8	
154	88.8	69.8	104.8	



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





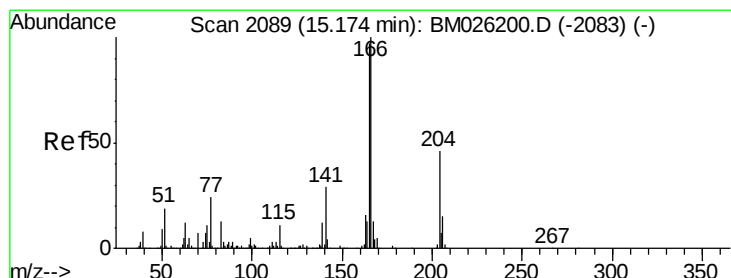
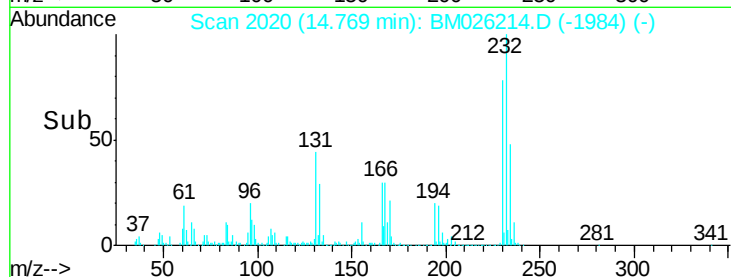
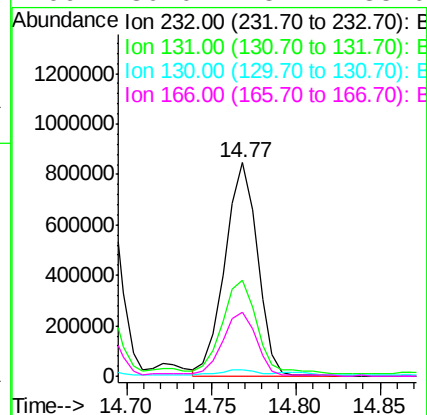
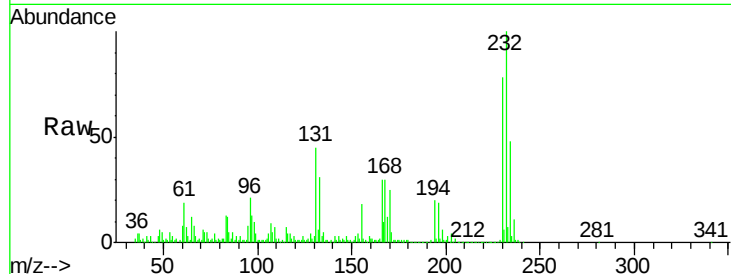
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2,3,4,6-Tetrachlorophenol
Concen: 126.08 ng/ul
RT: 14.77 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Instrument :
BNA_M
ClientSampleId :
C5CE6

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.0	55.4
130	2.9	1.8	2.8#
166	30.0	25.4	38.0

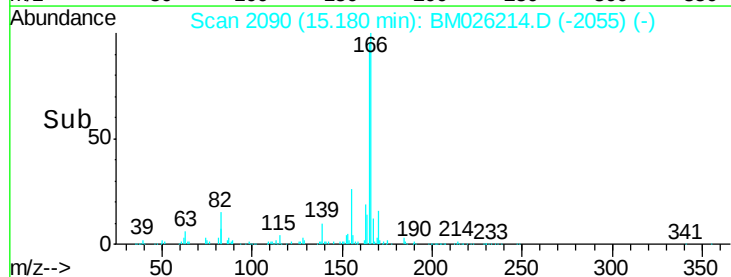
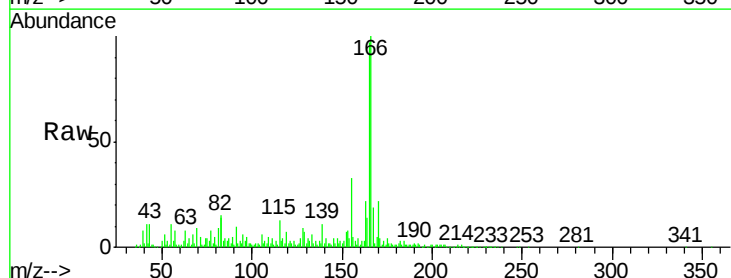
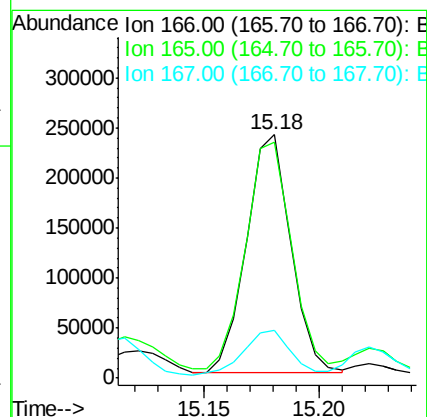
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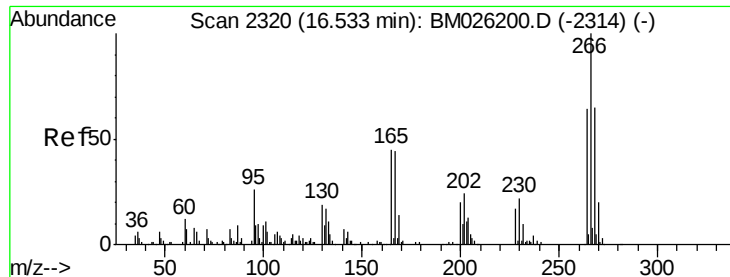
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#59
Fluorene
Concen: 8.24 ng/ul
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM026214.D
Acq: 02 Jun 2020 01:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.3	115.9
167	19.4	10.6	16.0#





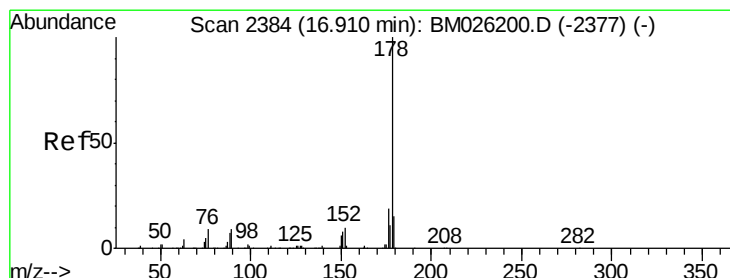
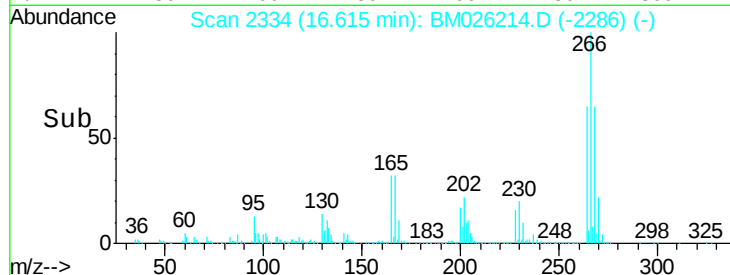
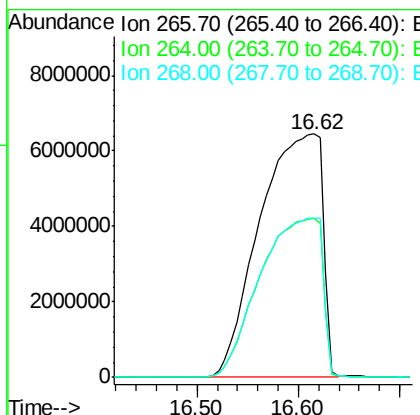
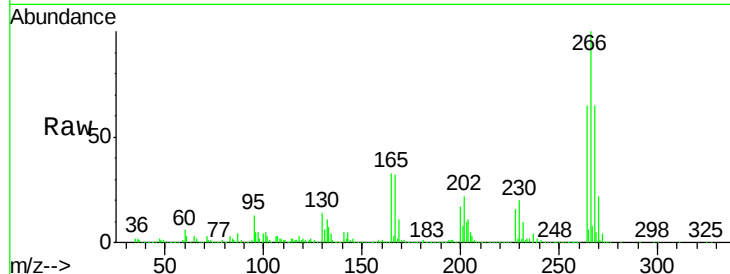
#69
 Pentachlorophenol
 Concen: 4077.70 ng/ul
 RT: 16.62 min Scan# 2334
 Delta R.T. 0.08 min
 Lab File: BM026214.D
 Acq: 02 Jun 2020 01:29

Instrument :
 BNA_M
 ClientSampleId :
 C5CE6

Tgt Ion:266 Resp:27861675
 Ion Ratio Lower Upper
 266 100
 264 65.3 49.3 73.9
 268 65.5 52.4 78.6

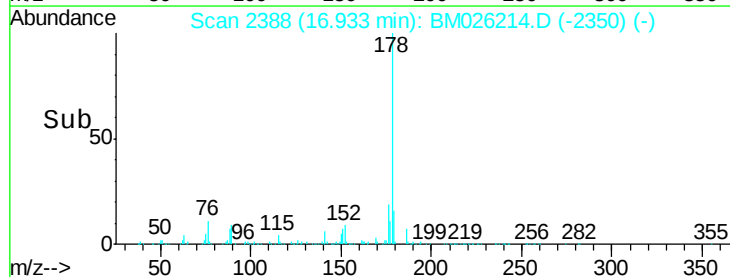
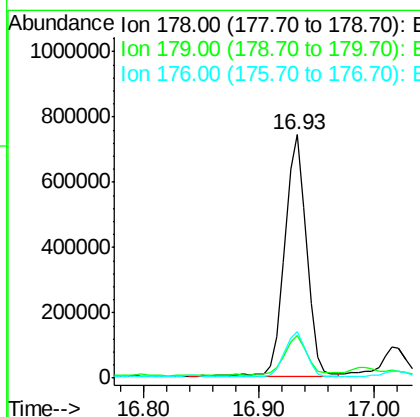
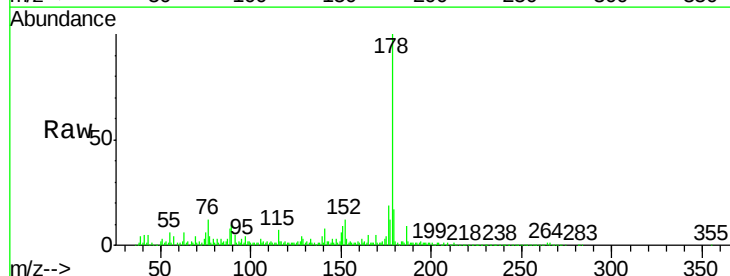
Manual Integrations
 APPROVED

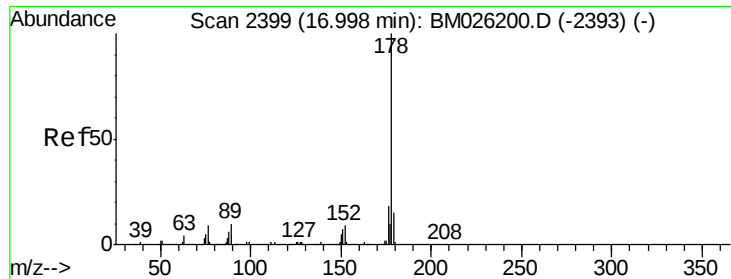
mohammad
 6/2/2020 3:22:06 PM



#70
 Phenanthrene
 Concen: 16.14 ng/ul
 RT: 16.93 min Scan# 2388
 Delta R.T. 0.02 min
 Lab File: BM026214.D
 Acq: 02 Jun 2020 01:29

Tgt Ion:178 Resp: 963325
 Ion Ratio Lower Upper
 178 100
 179 17.3 11.9 17.9
 176 19.2 14.9 22.3





#72

Anthracene

Concen: 2.19 ng/ul m

RT: 17.02 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BM026214.D

Acq: 02 Jun 2020 01:29

Instrument :

BNA_M

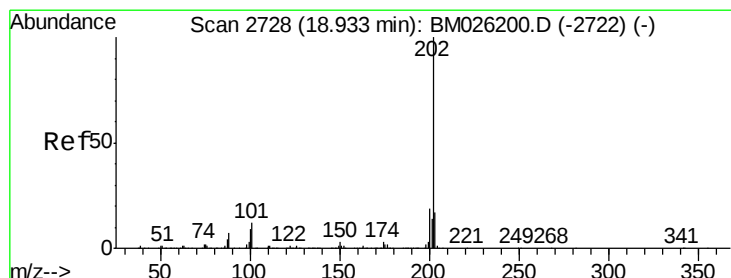
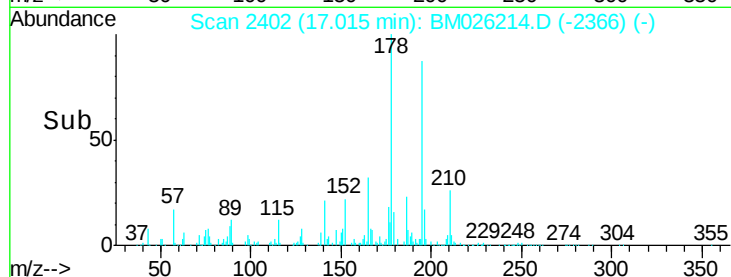
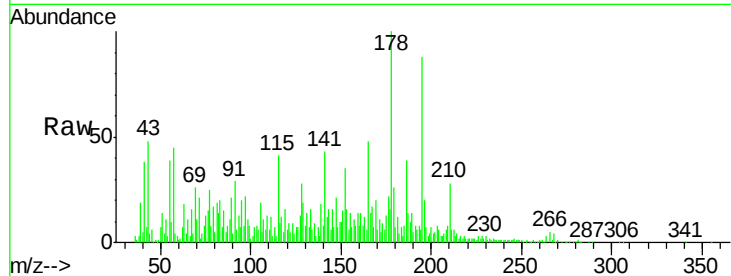
ClientSampled :

C5CE6

Tgt Ion:	178	Resp:	131215
Ion Ratio	Lower	Upper	
178	100		
179	25.8	12.2	18.4#
176	22.0	14.9	22.3

Manual Integrations
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#77

Fluoranthene

Concen: 1.47 ng/ul

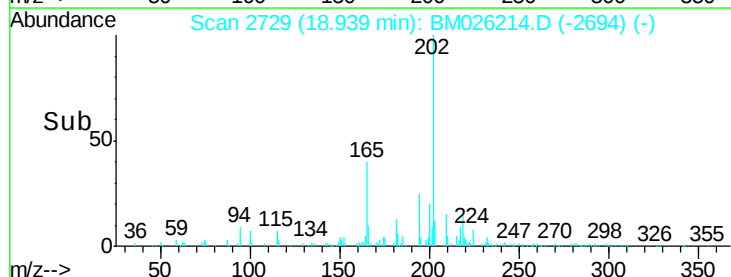
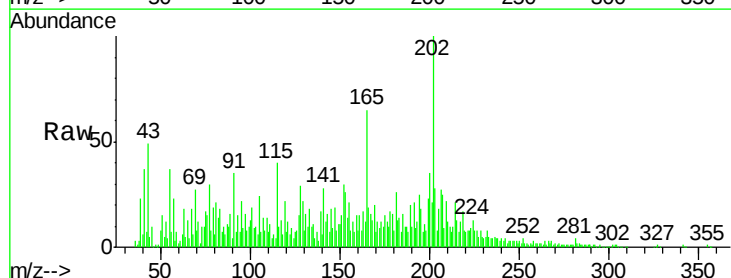
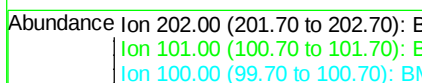
RT: 18.94 min Scan# 2729

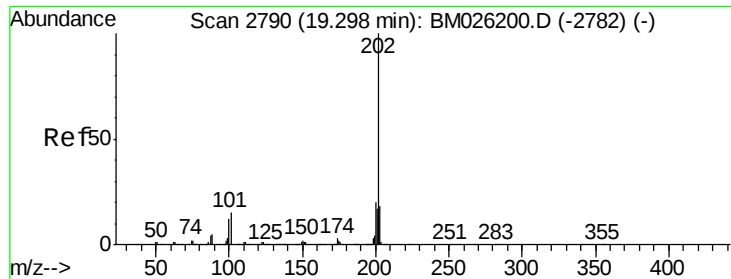
Delta R.T. 0.01 min

Lab File: BM026214.D

Acq: 02 Jun 2020 01:29

Tgt Ion:	202	Resp:	92022
Ion Ratio	Lower	Upper	
202	100		
101	19.4	9.5	14.3#
100	13.2	7.6	11.4#





#80
 Pyrene
 Concen: 3.07 ng/ul
 RT: 19.30 min Scan# 2791
 Delta R.T. 0.01 min
 Lab File: BM026214.D
 Acq: 02 Jun 2020 01:29

Instrument :
 BNA_M
 ClientSampleId :
 C5CE6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.7	12.2	18.4
100	13.1	10.2	15.4

Manual Integrations
 APPROVED

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