

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060120\
 Data File : BM026230.D
 Acq On : 02 Jun 2020 16:39
 Operator : JU/CG
 Sample : L2829-12DL 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C5CE5DL

Manual Integrations
 APPROVED

mohammad
 6/3/2020 8:43:04 AM

Quant Time: Jun 02 17:21:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 03:00:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	172476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	672685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	388307	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	753837	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	744303	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	792330	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	2960	0.52	ng/uL	0.01
5) Phenol-d5	6.67	99	53352	3.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	152402	14.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	139457	11.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	91015	7.72	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	93258	17.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	90339	16.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	153451	14.09	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	462382	14.85	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	561235	15.21	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.12	176	399584	14.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	90526m	20.60	ng/ul	0.00
71) Anthracene-d10	16.97	188	594844	16.01	ng/ul	0.00
79) Pyrene-d10	19.27	212	625824	16.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	609749	14.46	ng/ul	0.00

Target Compounds

					Ovalue	
27) 2,4-Dichlorophenol	9.89	162	21685	1.920	ng/ul	97
28) Naphthalene	10.28	128	490107	11.916	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	623955	22.555	ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	18430	2.276	ng/ul	94
40) 2,4,5-Trichlorophenol	12.60	196	312436	34.967	ng/ul	99
41) 1,1'-Biophenyl	12.94	154	235623	6.838	ng/ul	99
45) Dimethylphthalate	13.59	163	82770	2.532	ng/ul#	94
48) Acenaphthylene	13.84	152	53533	1.322	ng/ul#	22
50) Acenaphthene	14.18	153	153378	5.370	ng/ul	99
54) Dibenzofuran	14.52	168	108095	2.693	ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	14.76	232	398458	53.028	ng/ul#	98
59) Fluorene	15.17	166	187849	5.785	ng/ul#	95
69) Pentachlorophenol	16.57	266	13207207	2429.545	ng/ul	98
70) Phenanthrene	16.92	178	638904	13.455	ng/ul	98
72) Anthracene	17.00	178	130228m	2.734	ng/ul	
77) Fluoranthene	18.93	202	79579	1.598	ng/ul#	92
80) Pyrene	19.30	202	181198	3.468	ng/ul	98

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

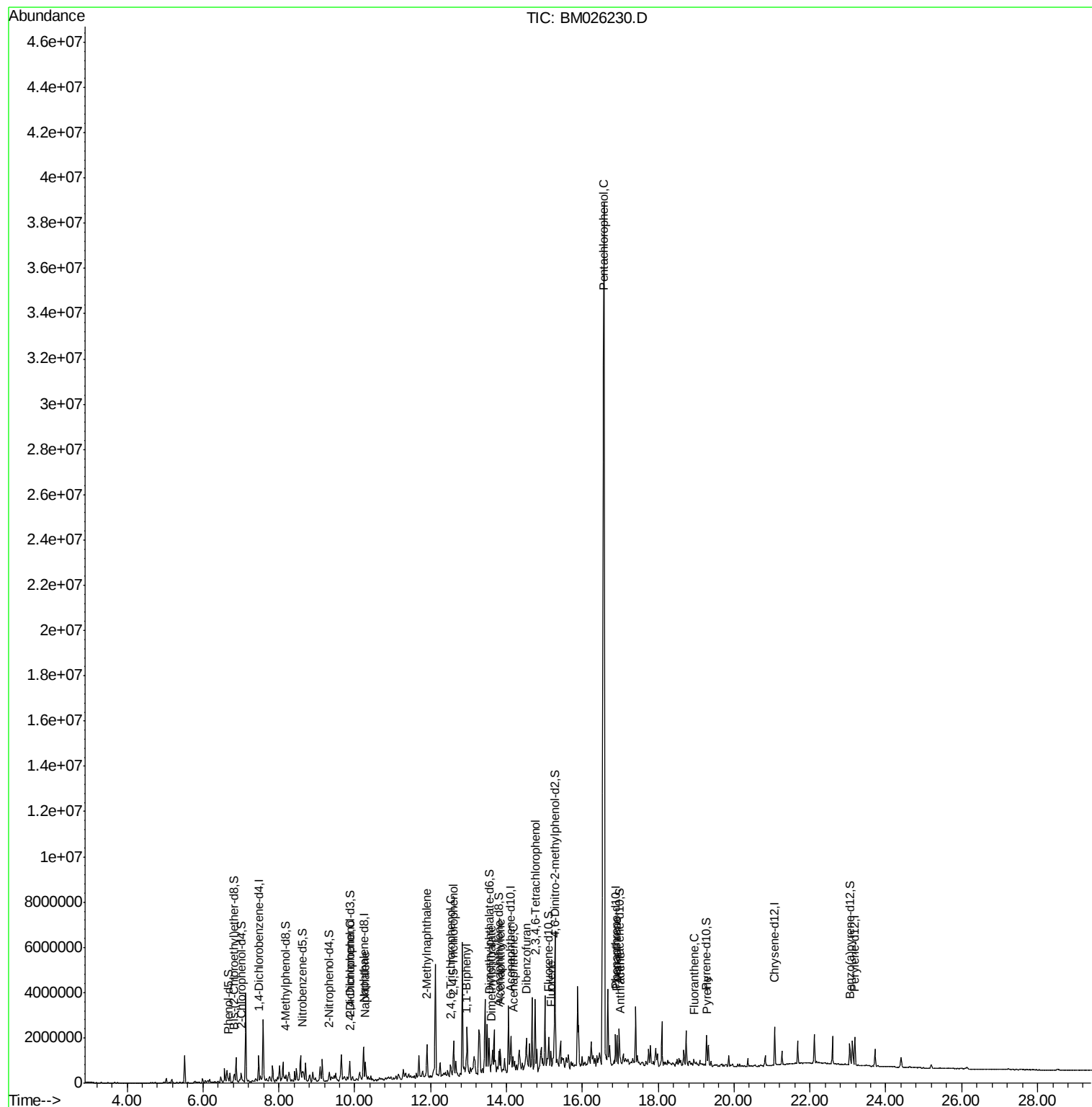
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060120\
Data File : BM026230.D
Acq On : 02 Jun 2020 16:39
Operator : JU/CG
Sample : L2829-12DL 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

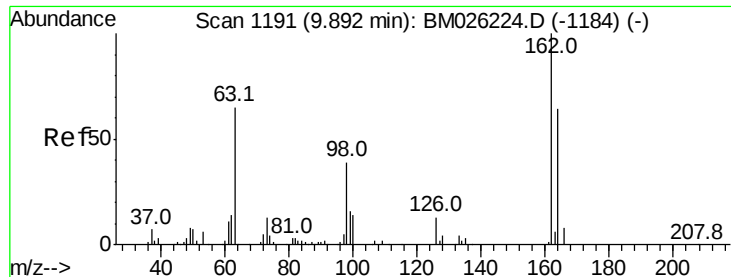
Instrument :
BNA_M
ClientSampleId :
C5CE5DL

Manual Integrations
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Quant Time: Jun 02 17:21:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
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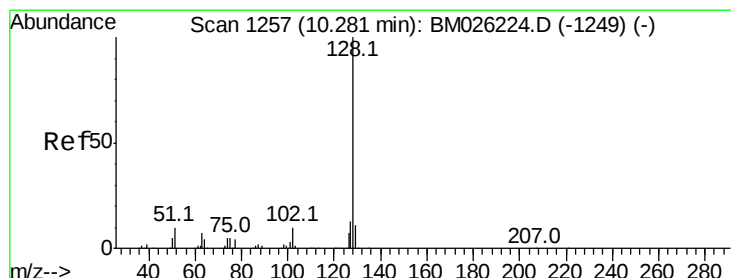
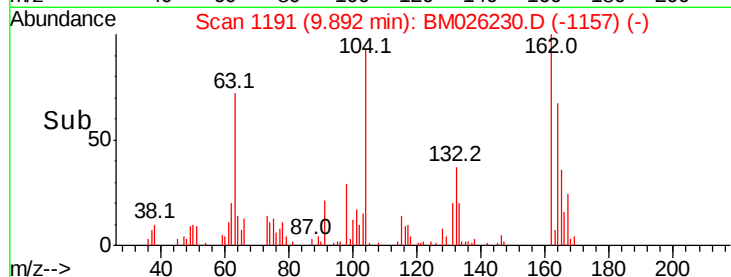
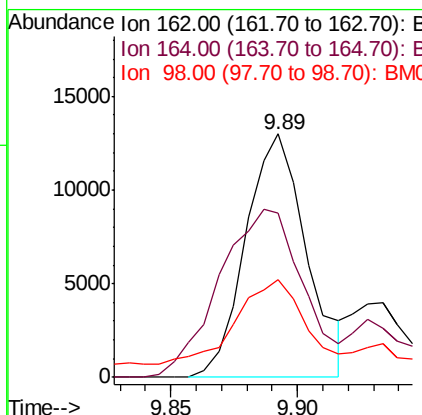
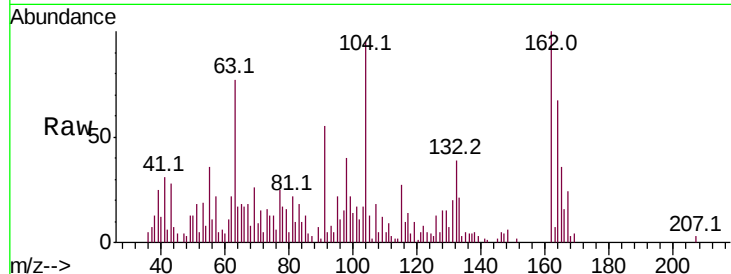
#27
2,4-Dichlorophenol
Concen: 1.920 ng/ul
RT: 9.89 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BM026230.D
Acq: 02 Jun 2020 16:39

Instrument :
BNA_M
ClientSampleId :
C5CE5DL

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.3	51.0	76.4	
98	40.3	32.1	48.1	

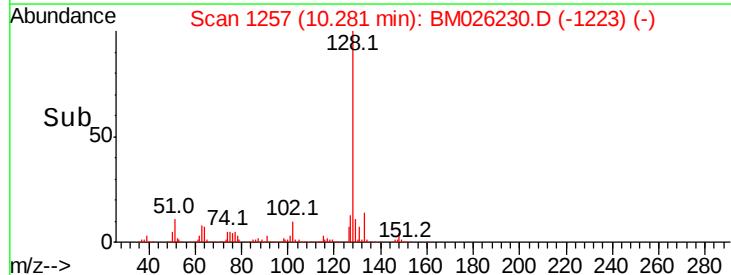
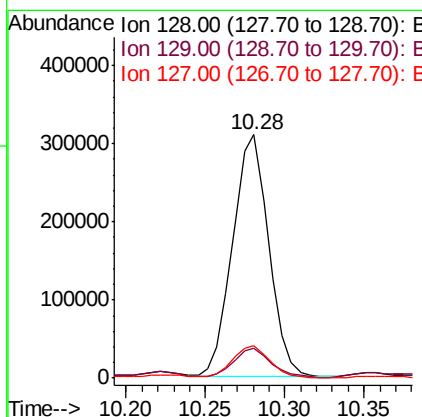
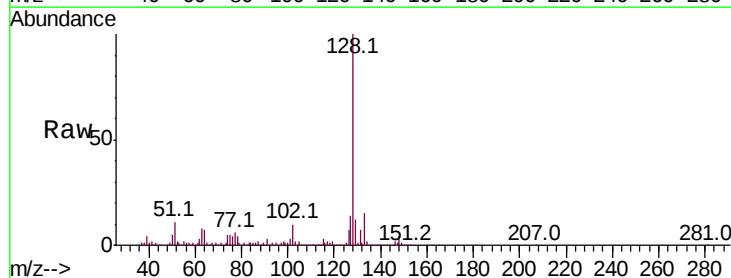
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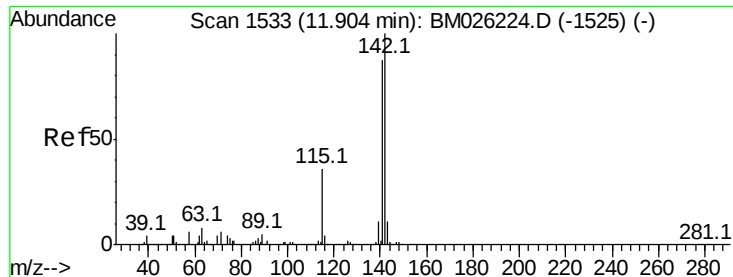
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#28
Naphthalene
Concen: 11.916 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BM026230.D
Acq: 02 Jun 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.0	9.0	13.4	
127	13.5	10.6	15.8	





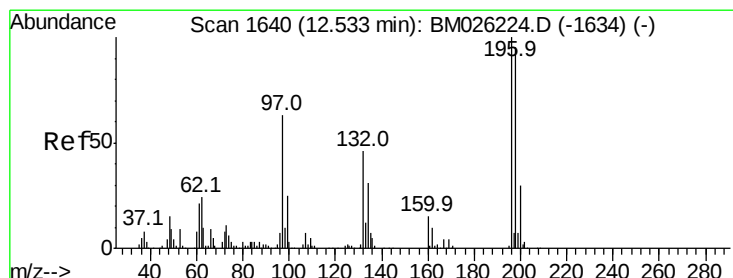
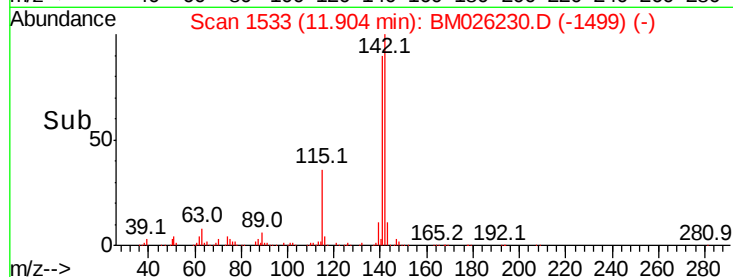
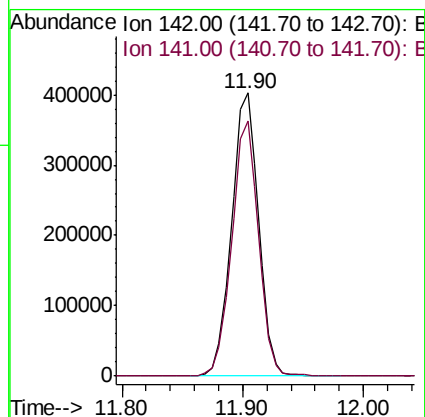
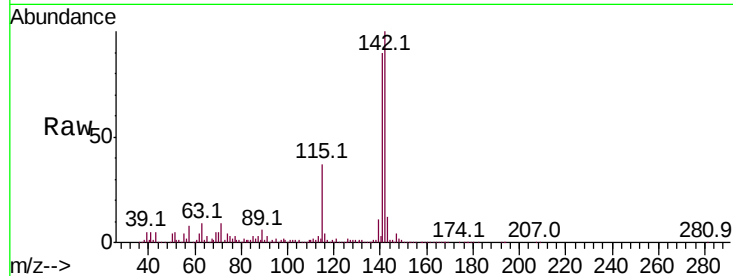
#34
2-Methylnaphthalene
Concen: 22.555 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM026230.D
Acq: 02 Jun 2020 16:39

Instrument :
BNA_M
ClientSampleId :
C5CE5DL

Tot Ion	Ratio	Resp	Lower	Upper
142	100	623955		
141	90.3	71.8	107.6	

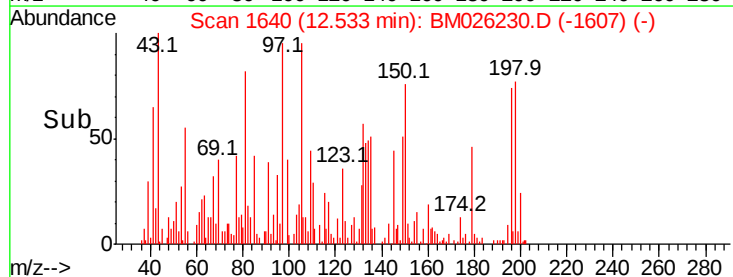
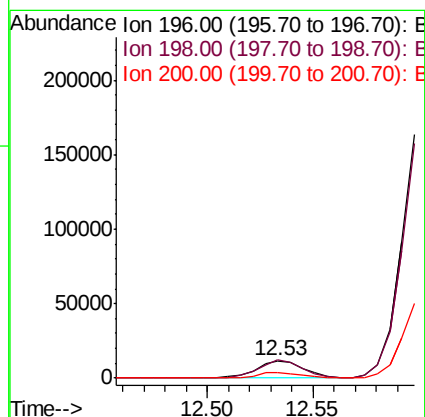
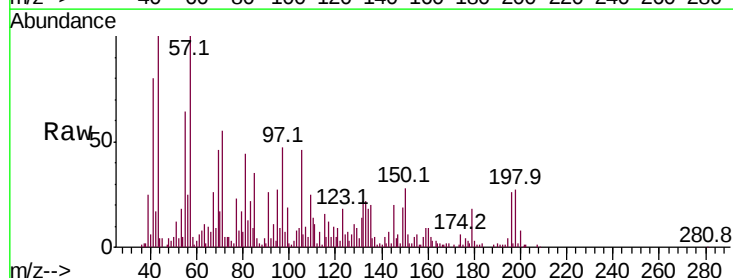
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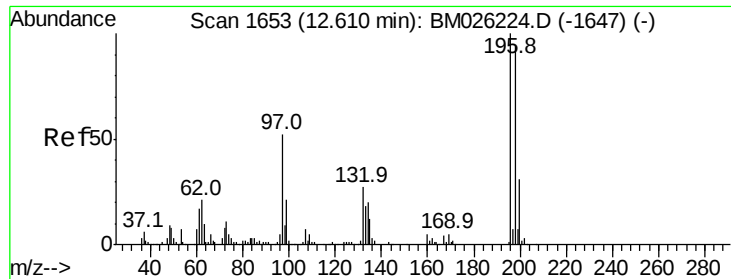
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#39
2,4,6-Trichlorophenol
Concen: 2.276 ng/ul
RT: 12.53 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BM026230.D
Acq: 02 Jun 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	18430		
198	102.3	76.0	114.0	
200	31.8	24.5	36.7	





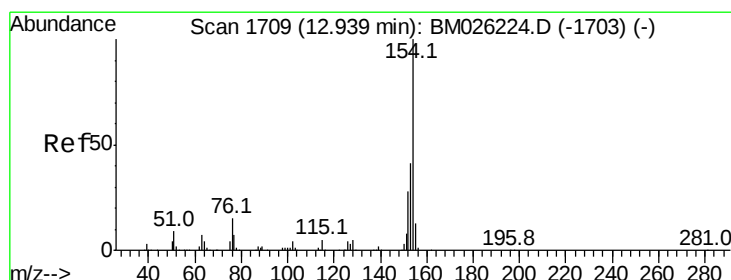
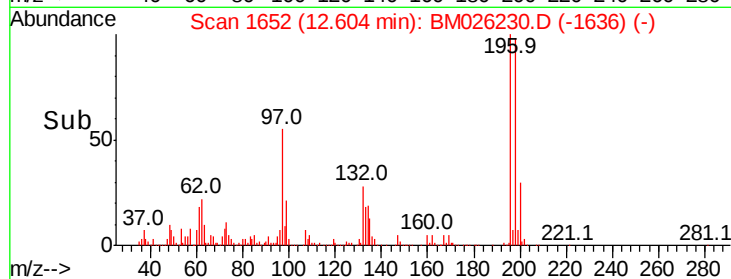
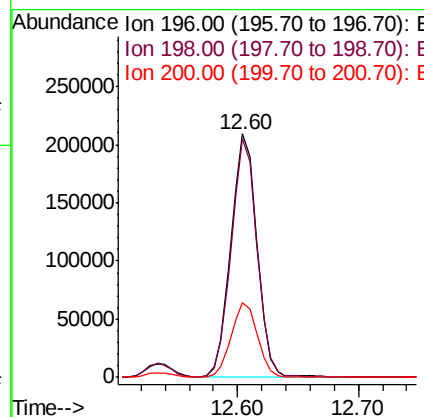
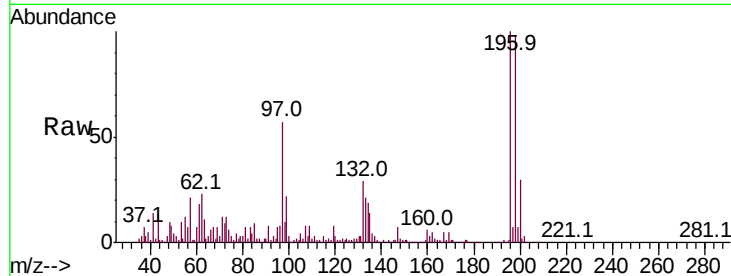
#40
 2,4,5-Trichlorophenol
 Concen: 34.967 ng/ul
 RT: 12.60 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM026230.D
 Acq: 02 Jun 2020 16:39

Instrument :
 BNA_M
 ClientSampleId :
 C5CE5DL

Tot Ion	Ratio	Resp	Lower	Upper
196	100	312436		
198	98.0	79.0	118.6	
200	30.5	25.0	37.4	

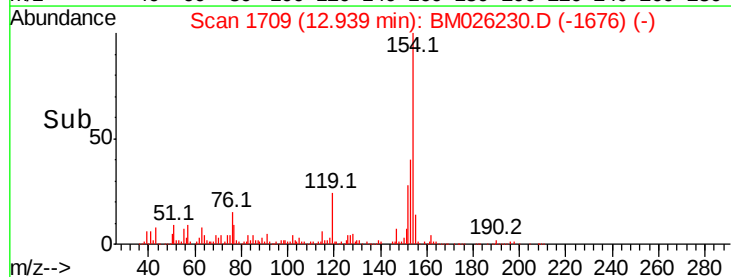
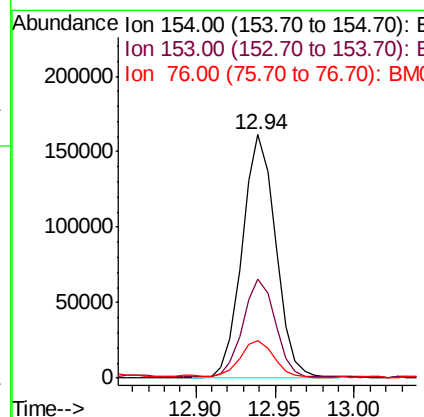
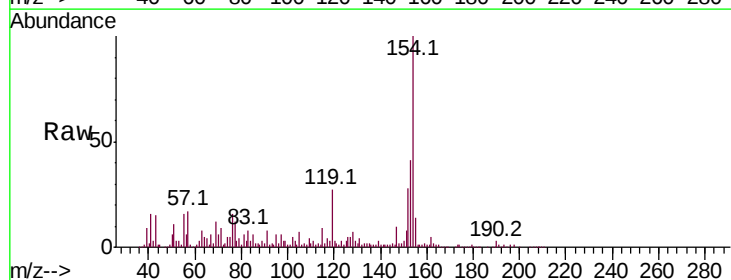
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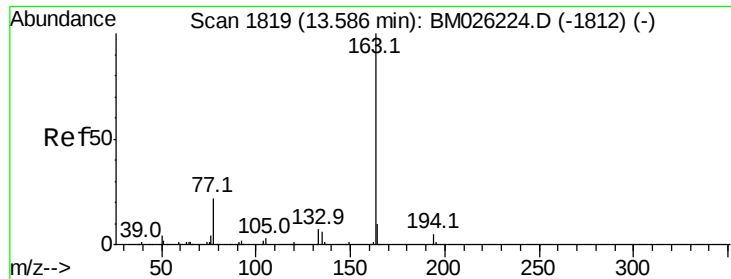
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#41
 1,1'-Biphenyl
 Concen: 6.838 ng/ul
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM026230.D
 Acq: 02 Jun 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	235623		
153	40.7	32.3	48.5	
76	15.6	13.0	19.6	





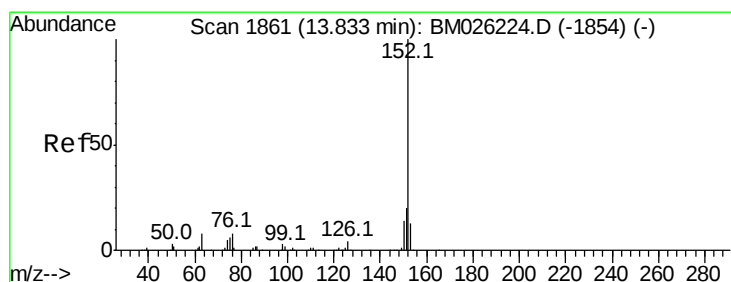
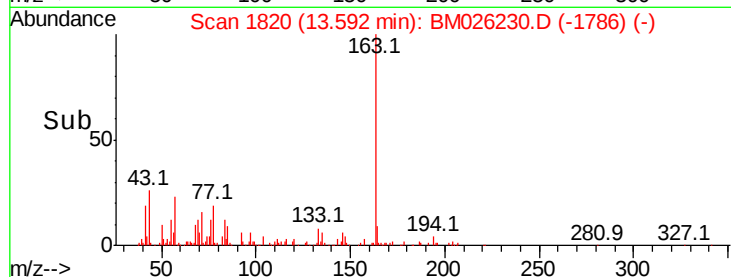
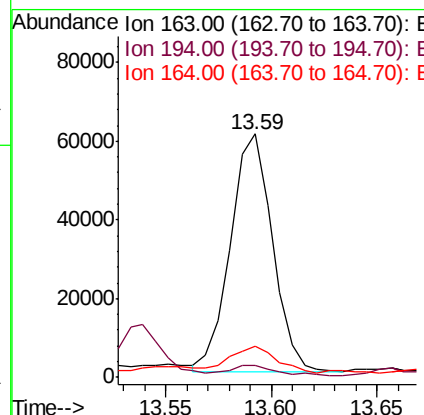
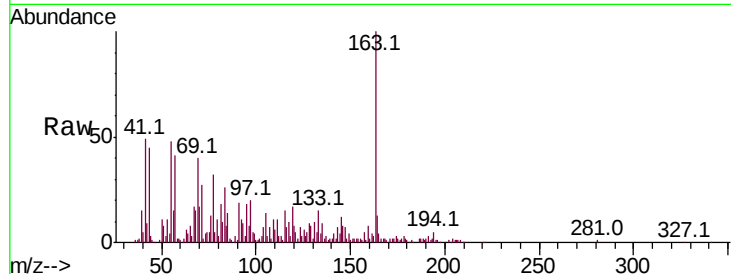
#45
Dimethylphthalate
Concen: 2.532 ng/ul
RT: 13.59 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM026230.D
Acq: 02 Jun 2020 16:39

Instrument :
BNA_M
ClientSampleId :
C5CE5DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.8	3.2	4.8#	
164	12.7	8.0	12.0#	

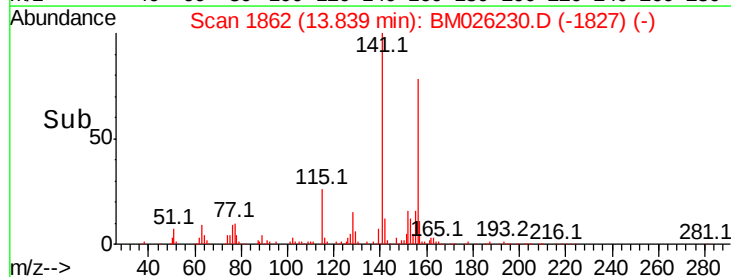
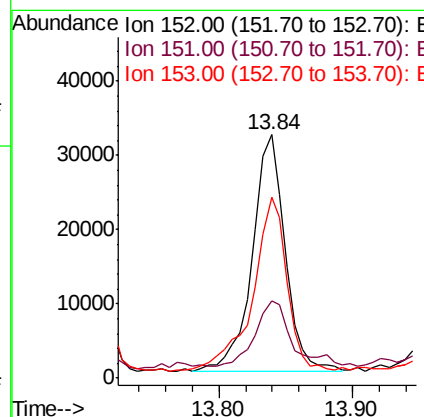
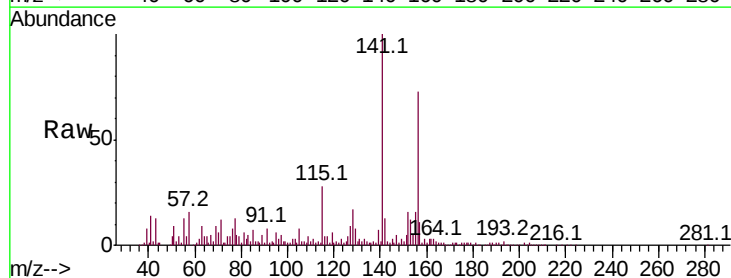
Manual Integrations
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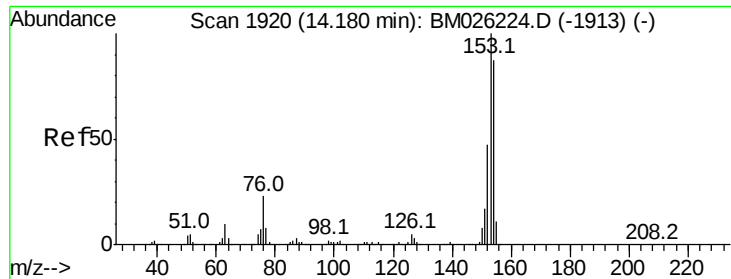
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#48
Acenaphthylene
Concen: 1.322 ng/ul
RT: 13.84 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BM026230.D
Acq: 02 Jun 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	31.8	15.7	23.5#	
153	74.3	10.2	15.2#	





#50

Acenaphthene

Concen: 5.370 ng/ul

RT: 14.18 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM026230.D

Acq: 02 Jun 2020 16:39

Instrument :

BNA_M

ClientSampleId :

C5CE5DL

Tot Ion:153 Resp: 153378

Ion Ratio Lower Upper

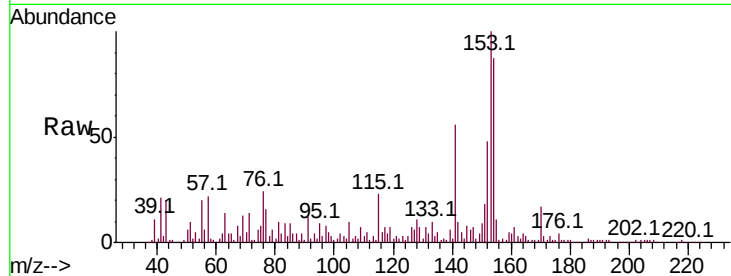
153 100

152 47.8 37.2 55.8

154 87.1 69.8 104.8

Manual Integrations
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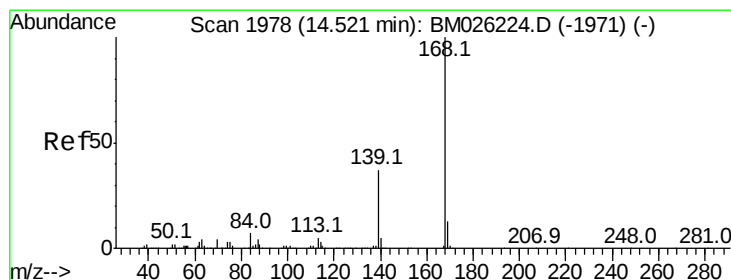
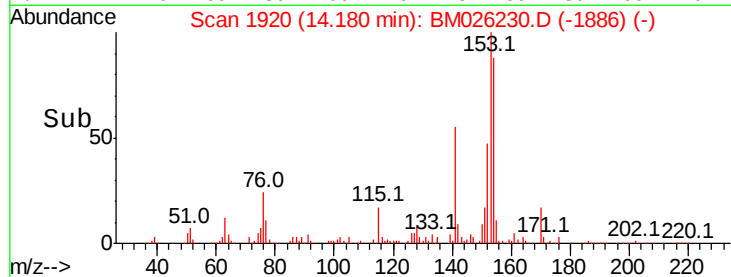
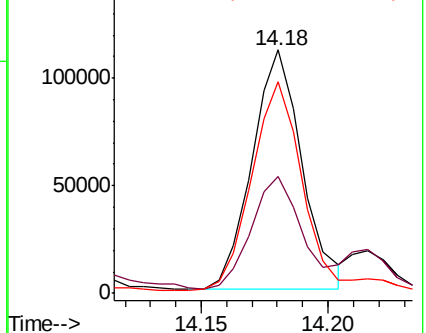
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.693 ng/ul

RT: 14.52 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM026230.D

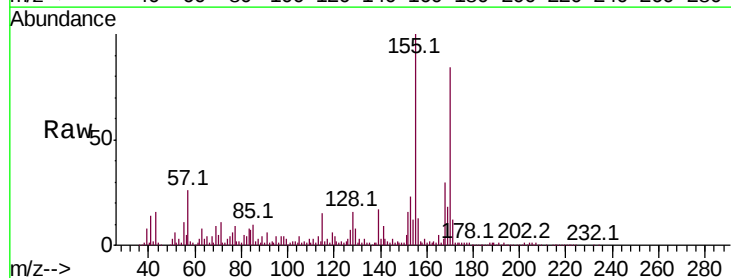
Acq: 02 Jun 2020 16:39

Tgt Ion:168 Resp: 108095

Ion Ratio Lower Upper

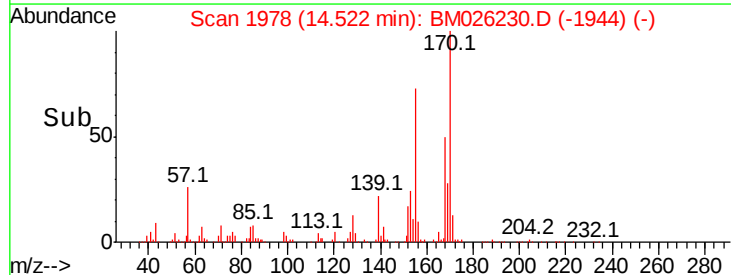
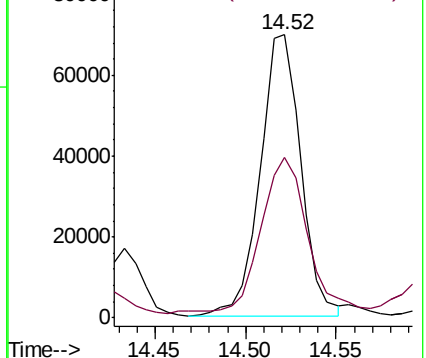
168 100

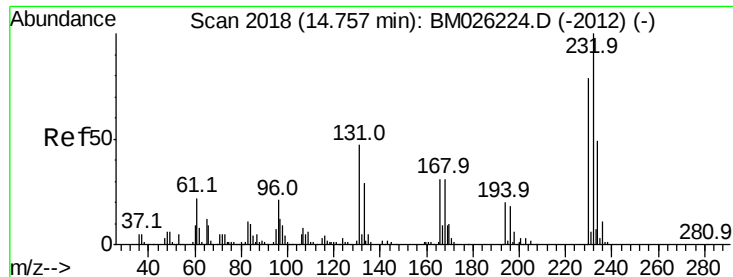
139 56.6 30.7 46.1#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 53.028 ng/ul

RT: 14.76 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BM026230.D

Acq: 02 Jun 2020 16:39

Instrument :

BNA_M

ClientSampleId :

C5CE5DL

Tot Ion:232 Resp: 398458
Ion Ratio Lower Upper

232 100

131 48.4 37.0 55.4

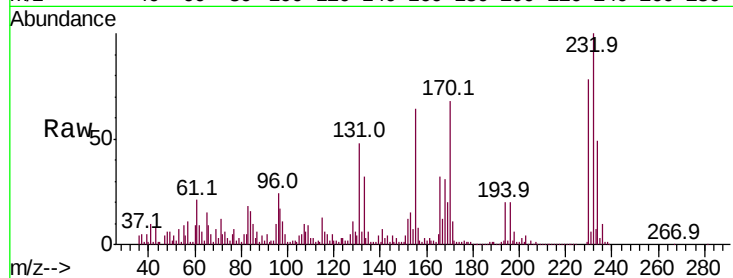
130 3.6 1.8 2.8#

166 31.9 25.4 38.0

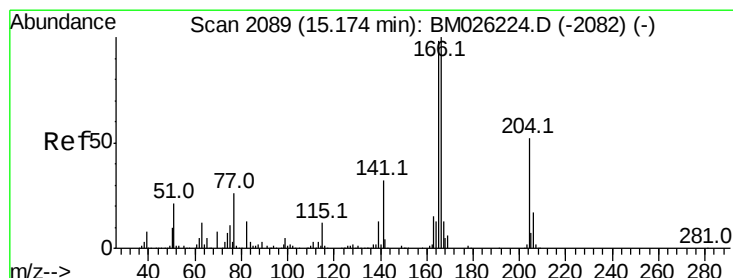
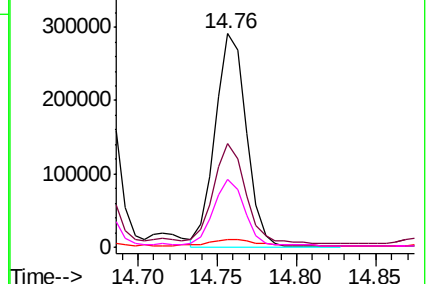
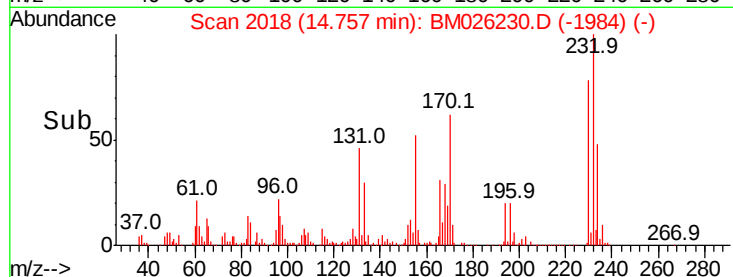
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#59

Fluorene

Concen: 5.785 ng/ul

RT: 15.17 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BM026230.D

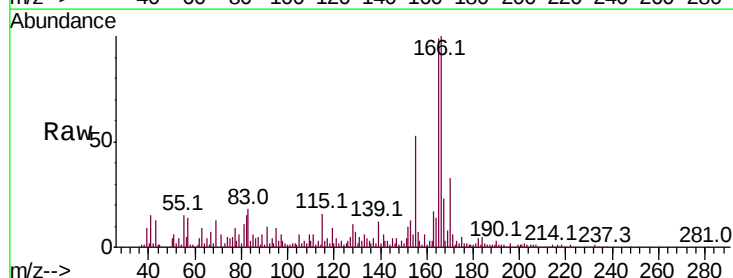
Acq: 02 Jun 2020 16:39

Tgt Ion:166 Resp: 187849
Ion Ratio Lower Upper

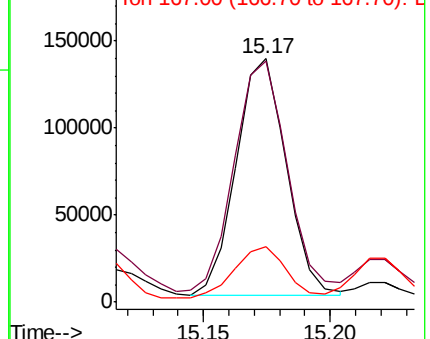
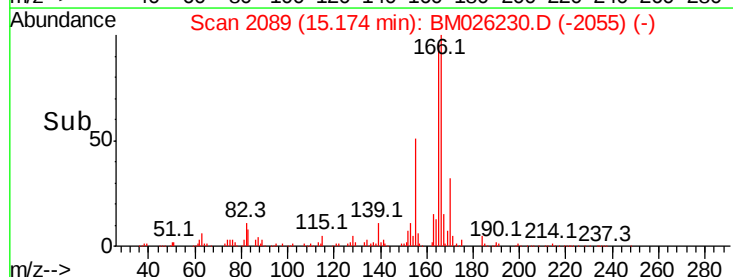
166 100

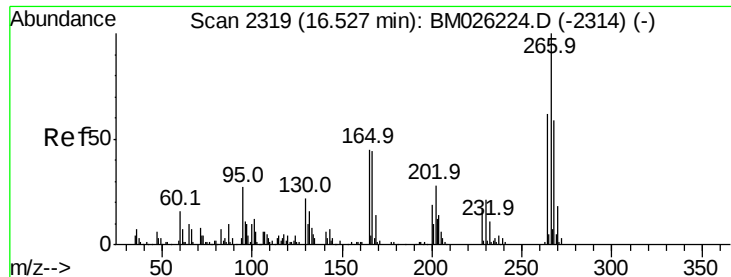
165 98.9 77.3 115.9

167 22.9 10.6 16.0#



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





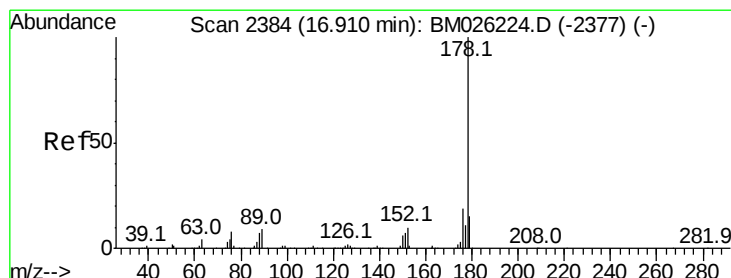
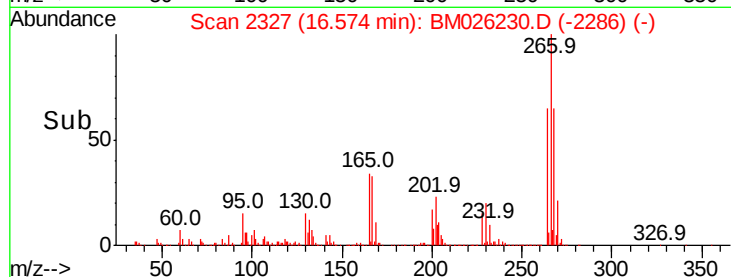
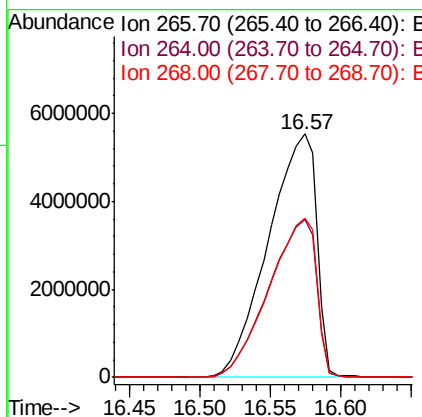
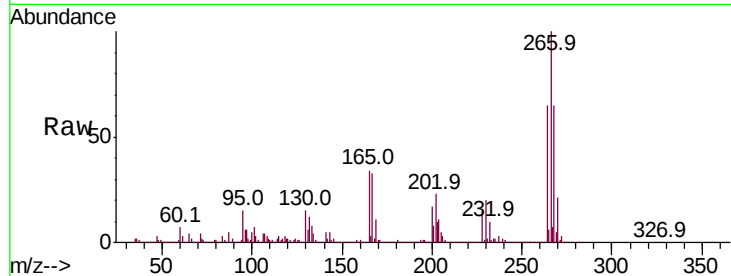
#69
 Pentachlorophenol
 Concen: 2429.545 ng/ul
 RT: 16.57 min Scan# 2327
 Delta R.T. 0.04 min
 Lab File: BM026230.D
 Acq: 02 Jun 2020 16:39

Instrument :
 BNA_M
 ClientSampleId :
 C5CE5DL

Tot Ion:266 Resp:13207207
 Ion Ratio Lower Upper
 266 100
 264 64.7 49.3 73.9
 268 65.3 52.4 78.6

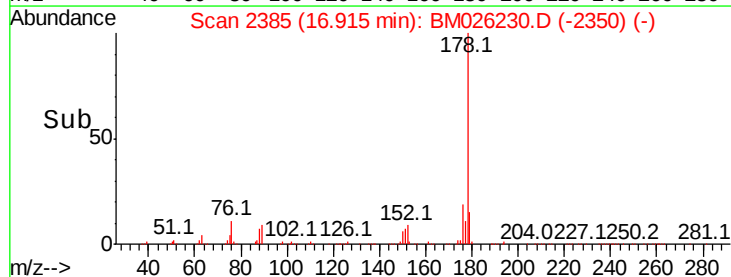
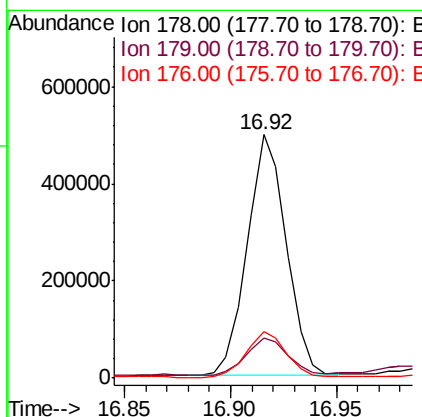
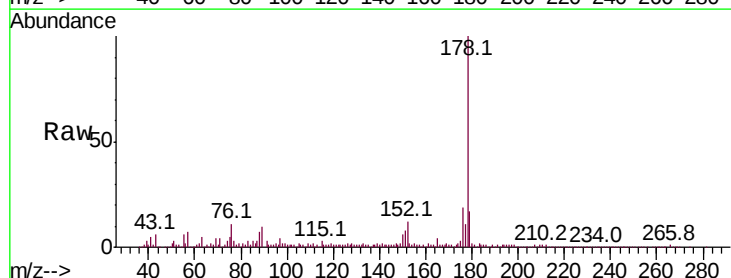
Manual Integrations
 APPROVED

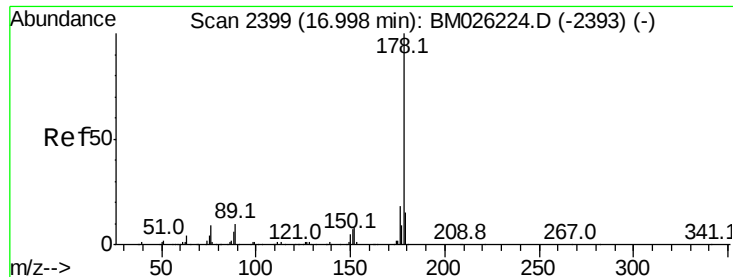
mohammad
 6/3/2020 8:43:04 AM



#70
 Phenanthrene
 Concen: 13.455 ng/ul
 RT: 16.92 min Scan# 2385
 Delta R.T. 0.01 min
 Lab File: BM026230.D
 Acq: 02 Jun 2020 16:39

Tgt Ion:178 Resp: 638904
 Ion Ratio Lower Upper
 178 100
 179 16.7 11.9 17.9
 176 19.0 14.9 22.3





#72

Anthracene

Concen: 2.734 ng/ul

RT: 17.00 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM026230.D

Acq: 02 Jun 2020 16:39

Instrument :

BNA_M

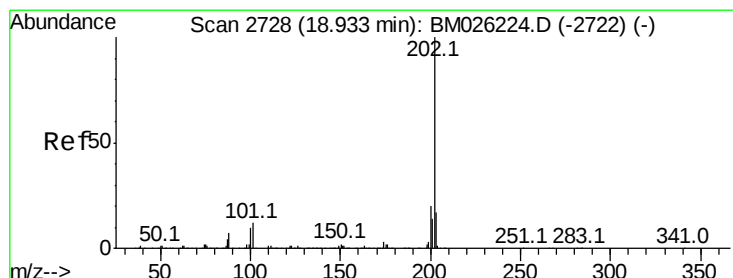
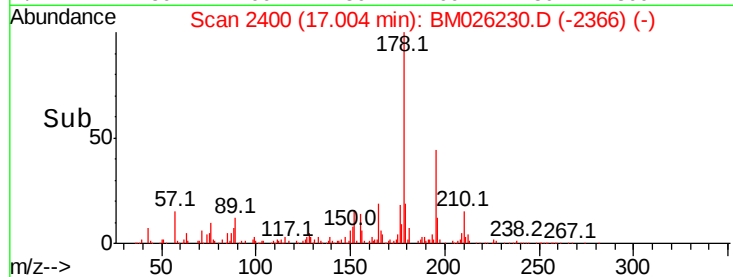
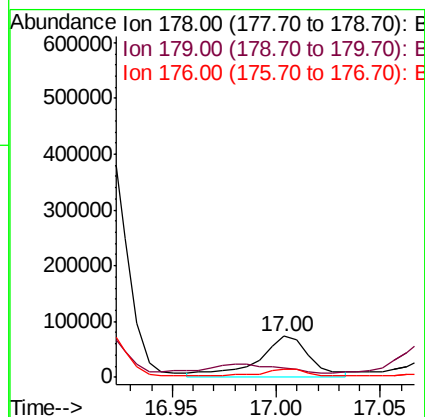
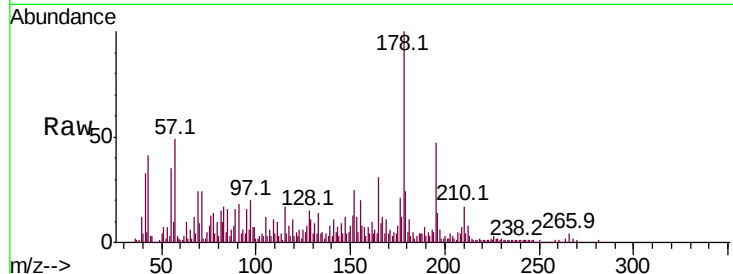
ClientSampleID :

C5CE5DL

Tot Ion:	178	Resp:	130228
Ion Ratio	Lower	Upper	
178	100		
179	24.4	12.2	18.4#
176	20.7	14.9	22.3

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#77

Fluoranthene

Concen: 1.598 ng/ul

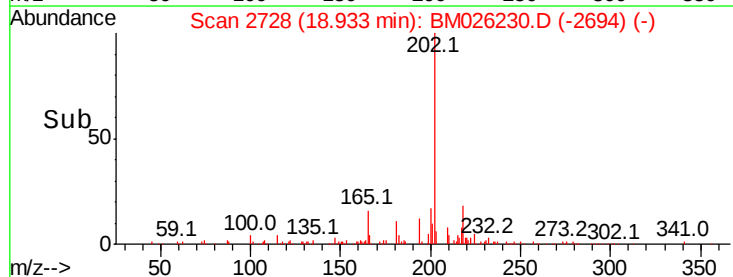
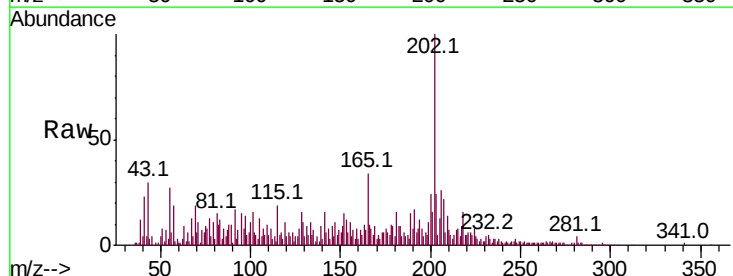
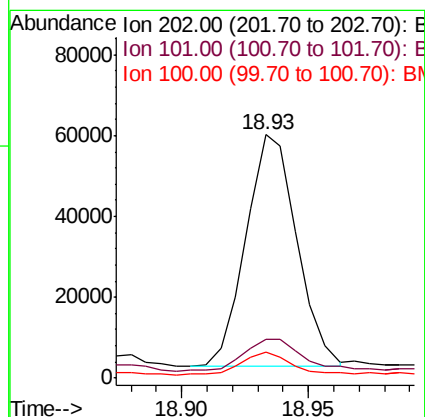
RT: 18.93 min Scan# 2728

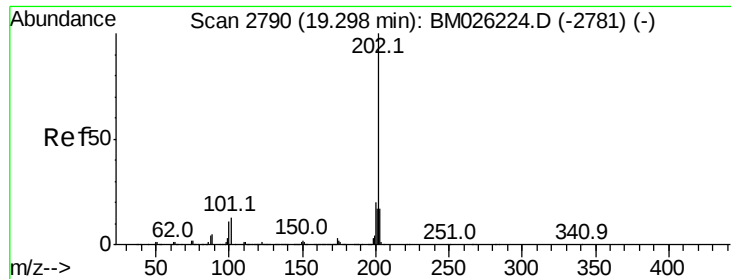
Delta R.T. 0.00 min

Lab File: BM026230.D

Acq: 02 Jun 2020 16:39

Tgt Ion:	202	Resp:	79579
Ion Ratio	Lower	Upper	
202	100		
101	16.1	9.5	14.3#
100	10.9	7.6	11.4





#80
 Pvrene
 Concen: 3.468 ng/ul
 RT: 19.30 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: BM026230.D
 Acq: 02 Jun 2020 16:39

Instrument :
 BNA_M
 ClientSampleId :
 C5CE5DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	12.2	18.4
100	11.3	10.2	15.4

Manual Integrations
 APPROVED

mohammad
 6/3/2020 8:43:04 AM

