

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060120\
 Data File : BM026229.D
 Acq On : 02 Jun 2020 16:02
 Operator : JU/CG
 Sample : L2829-13DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C5CE6DL

Manual Integrations
 APPROVED

mohammad
 6/3/2020 8:43:02 AM

Quant Time: Jun 02 16:45:16 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	153427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	624818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	380120	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	773501	20.00	ng/ul	0.01
78) Chrysene-d12	21.07	240	801078	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	846917	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	3419	0.67	ng/uL	0.01
5) Phenol-d5	6.67	99	52035	3.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	146010	15.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	136312	12.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	93360	8.90	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	88274	17.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	85961	17.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	149692	14.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.54	166	526217	17.26	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	619610	17.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	25142	4.66	ng/ul	0.00
58) Fluorene-d10	15.12	176	456230	17.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	95893m	21.26	ng/ul	0.00
71) Anthracene-d10	16.97	188	710088	18.63	ng/ul	0.00
79) Pyrene-d10	19.27	212	759901	18.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	728853	16.17	ng/ul	0.00

Target Compounds

					Ovalue
27) 2,4-Dichlorophenol	9.89	162	19571	1.865	ng/ul 97
28) Naphthalene	10.28	128	1580934	41.383	ng/ul 100
34) 2-Methylnaphthalene	11.90	142	776079	30.203	ng/ul 99
39) 2,4,6-Trichlorophenol	12.53	196	17416	2.197	ng/ul 96
40) 2,4,5-Trichlorophenol	12.60	196	314309	35.934	ng/ul 97
41) 1,1'-Biphenyl	12.94	154	155714	4.617	ng/ul 99
45) Dimethylphthalate	13.59	163	76713	2.397	ng/ul# 92
50) Acenaphthene	14.18	153	108507	3.881	ng/ul 98
56) 2,3,4,6-Tetrachlorophenol	14.76	232	458660m	62.354	ng/ul
59) Fluorene	15.17	166	129094	4.061	ng/ul# 95
69) Pentachlorophenol	16.58	266	14114071	2530.363	ng/ul 98
70) Phenanthrene	16.92	178	368274	7.558	ng/ul 97
72) Anthracene	17.00	178	63394m	1.297	ng/ul
80) Pyrene	19.30	202	81409	1.448	ng/ul 98

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

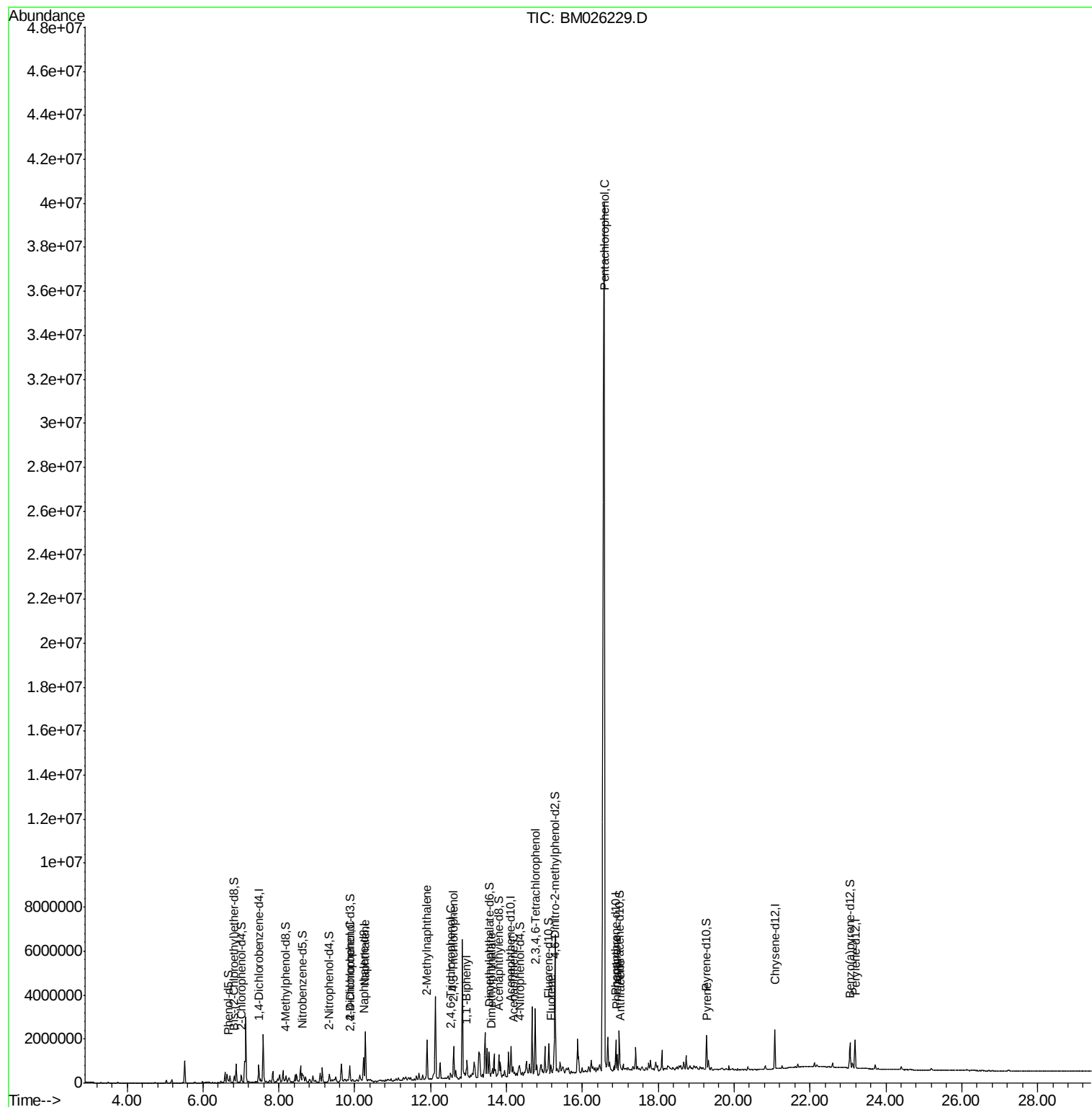
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060120\
Data File : BM026229.D
Acq On : 02 Jun 2020 16:02
Operator : JU/CG
Sample : L2829-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

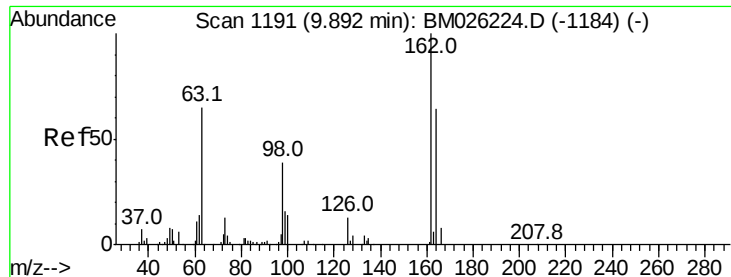
Instrument :
BNA_M
ClientSampleId :
C5CE6DL

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Quant Time: Jun 02 16:45:16 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





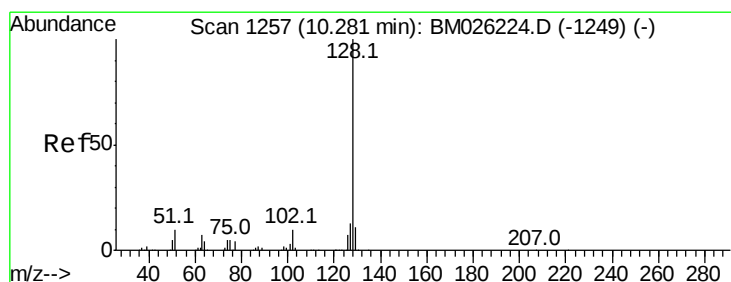
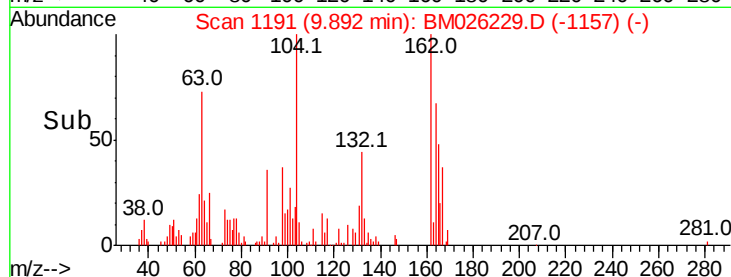
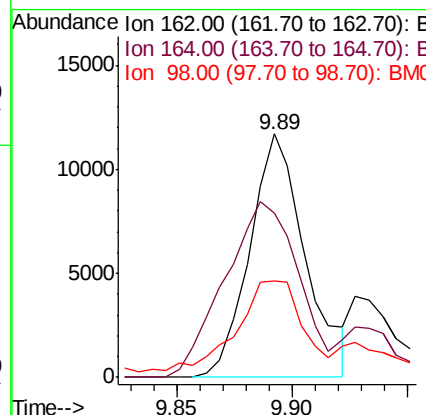
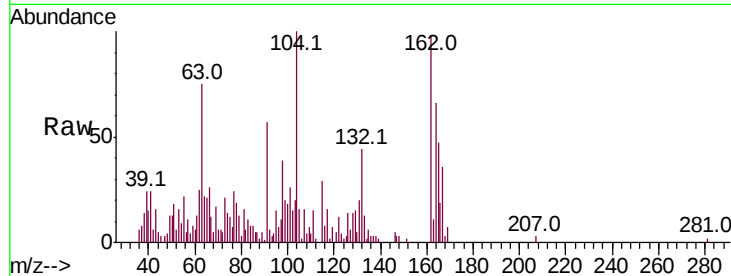
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2,4-Dichlorophenol
Concen: 1.865 ng/ul
RT: 9.89 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM026229.D
Acq: 02 Jun 2020 16:02

Instrument :
BNA_M
ClientSampleId :
C5CE6DL

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	51.0	76.4
98	39.7	32.1	48.1

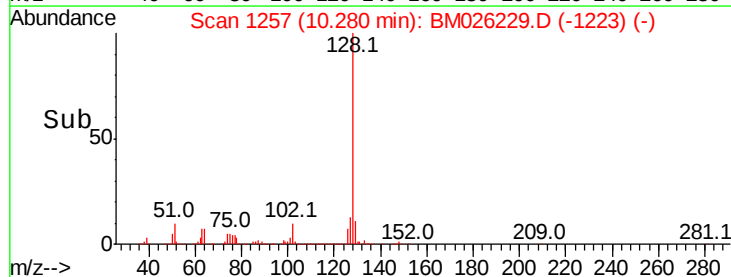
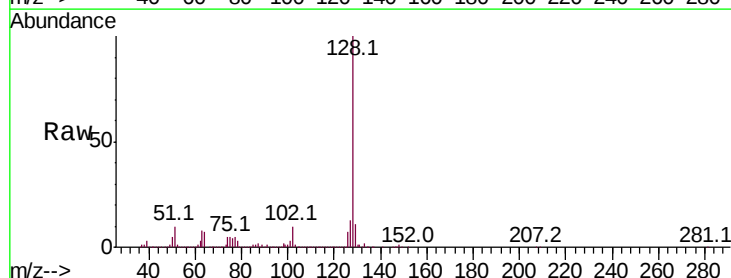
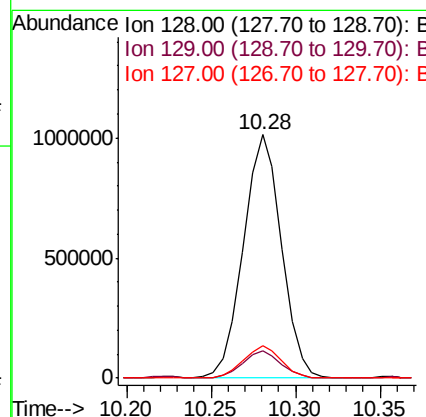
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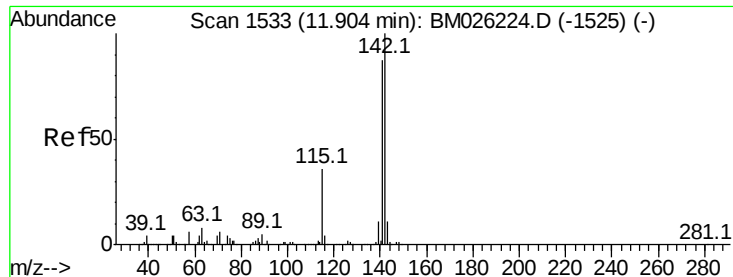
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#28
Naphthalene
Concen: 41.383 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BM026229.D
Acq: 02 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.6	15.8





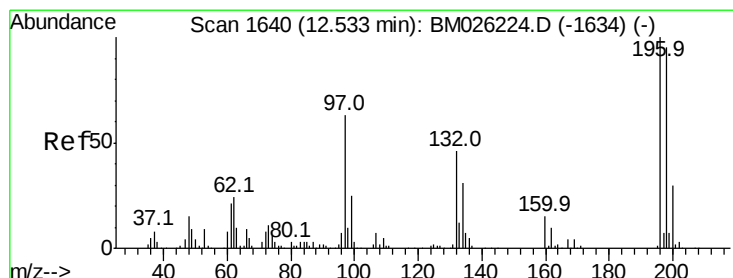
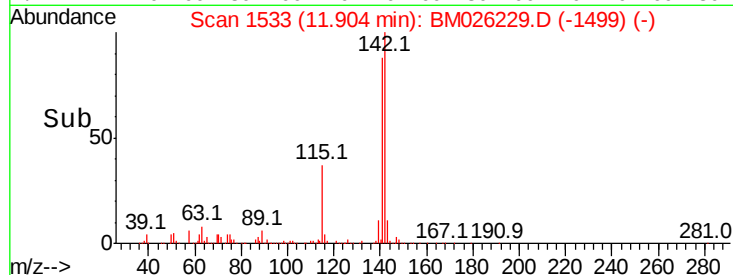
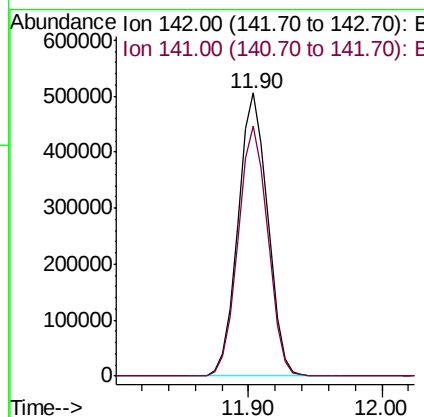
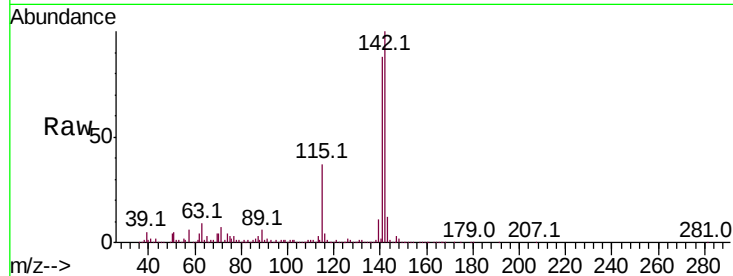
#34
2-Methylnaphthalene
Concen: 30.203 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BM026229.D
Acq: 02 Jun 2020 16:02

Instrument :
BNA_M
ClientSampleId :
C5CE6DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.8	107.6

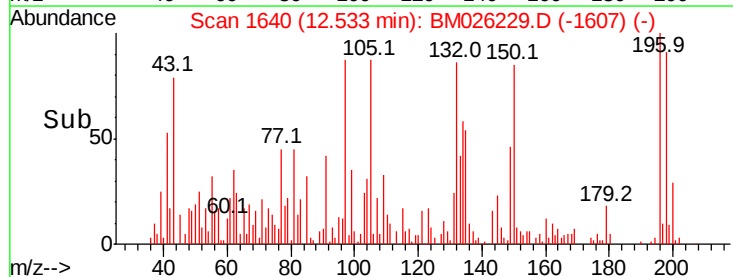
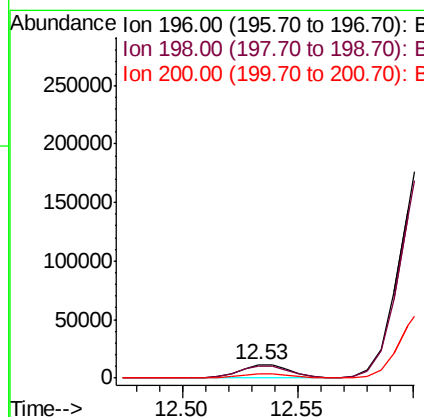
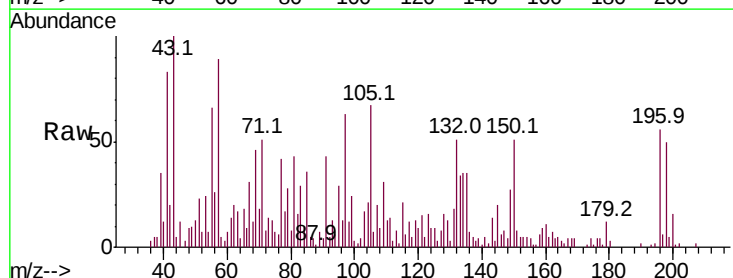
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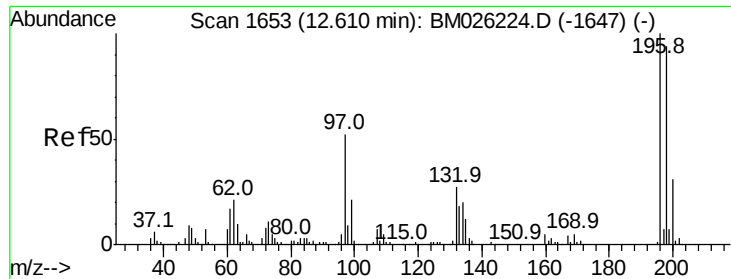
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#39
2,4,6-Trichlorophenol
Concen: 2.197 ng/ul
RT: 12.53 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BM026229.D
Acq: 02 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.6	76.0	114.0
200	29.4	24.5	36.7





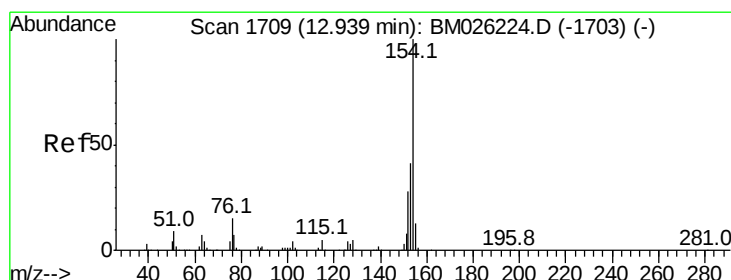
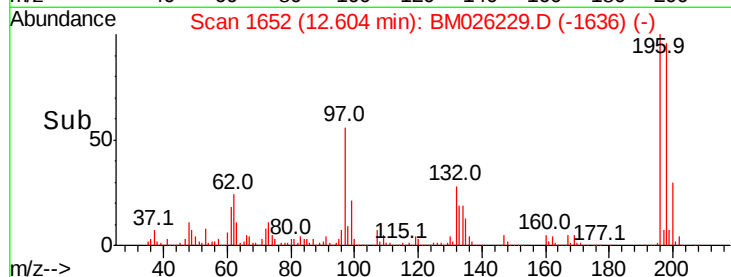
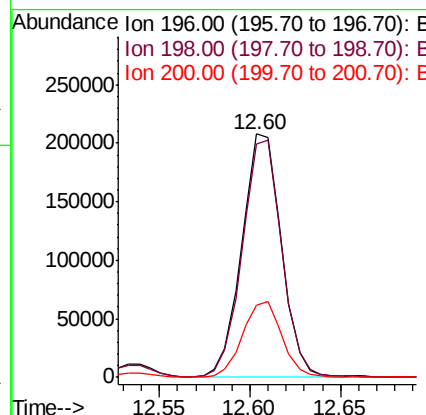
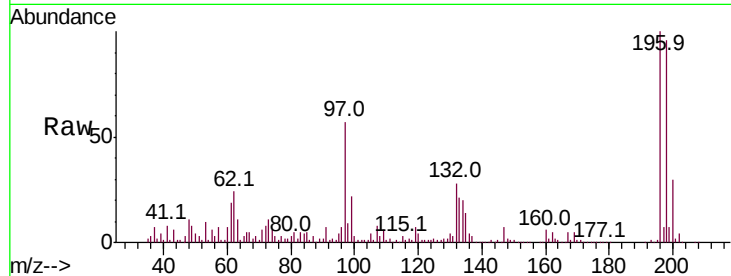
#40
 2,4,5-Trichlorophenol
 Concen: 35.934 ng/ul
 RT: 12.60 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM026229.D
 Acq: 02 Jun 2020 16:02

Instrument :
 BNA_M
 ClientSampled :
 C5CE6DL

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.0	118.6
200	29.6	25.0	37.4

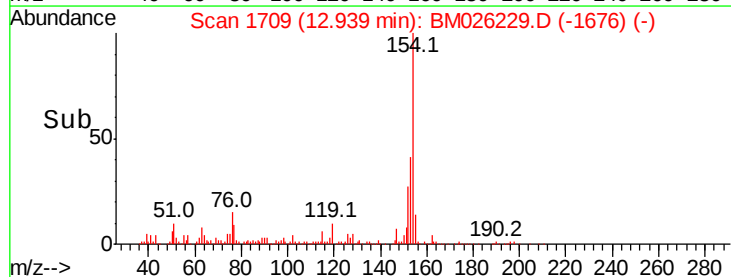
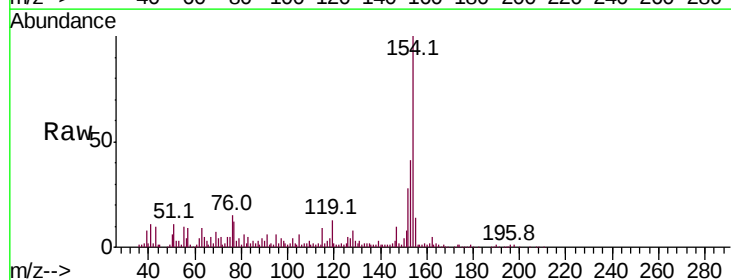
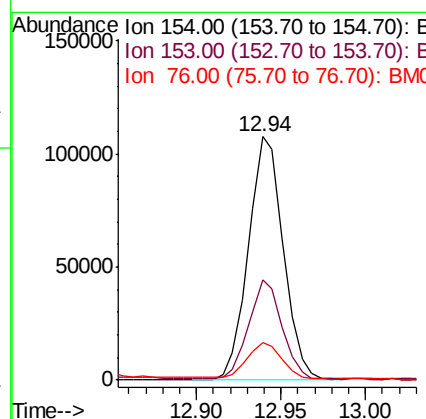
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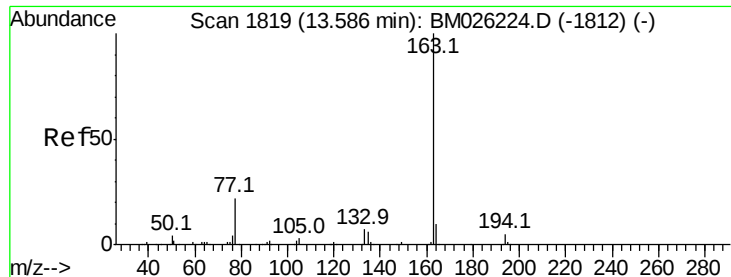
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#41
 1,1'-Biphenyl
 Concen: 4.617 ng/ul
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM026229.D
 Acq: 02 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.3	48.5
76	15.4	13.0	19.6





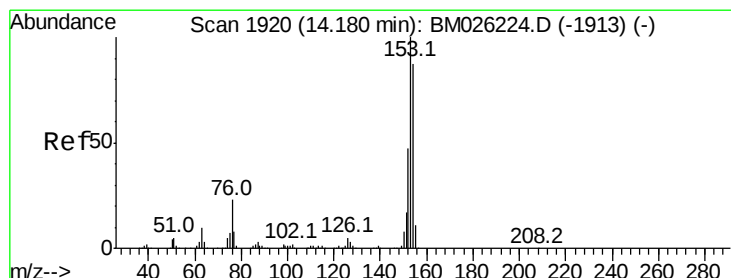
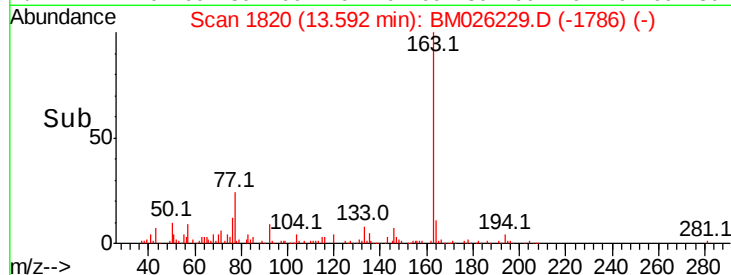
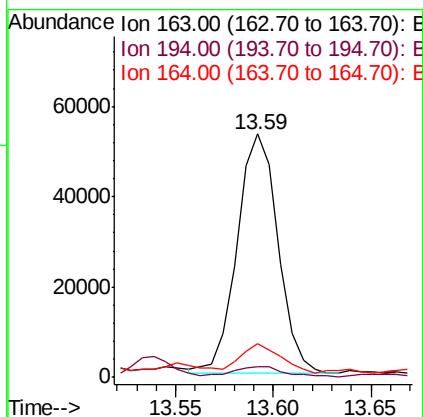
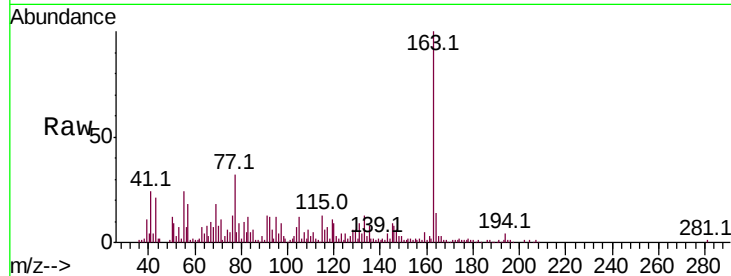
#45
Dimethylphthalate
Concen: 2.397 ng/ul
RT: 13.59 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM026229.D
Acq: 02 Jun 2020 16:02

Instrument :
BNA_M
ClientSampleId :
C5CE6DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	14.0	8.0	12.0

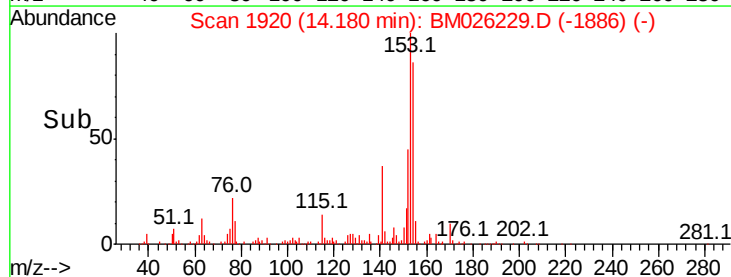
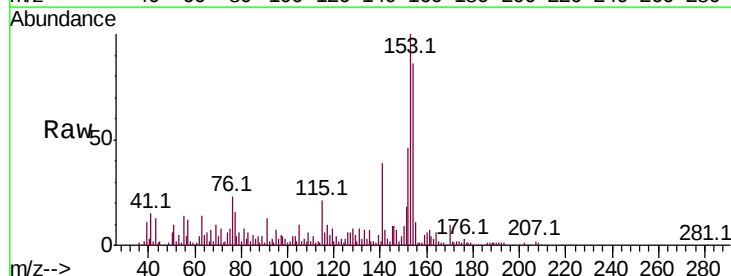
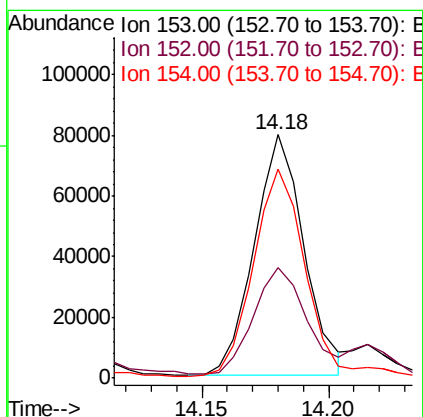
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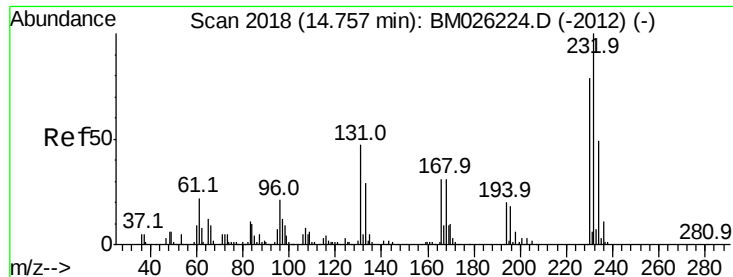
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#50
Acenaphthene
Concen: 3.881 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM026229.D
Acq: 02 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.6	37.2	55.8
154	85.8	69.8	104.8





#56

2,3,4,6-Tetrachlorophenol

Concen: 62.354 ng/ul

RT: 14.76 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BM026229.D

Acq: 02 Jun 2020 16:02

Instrument :

BNA_M

ClientSampled :

C5CE6DL

Tot Ion:232 Resp: 458660
Ion Ratio Lower Upper

232 100

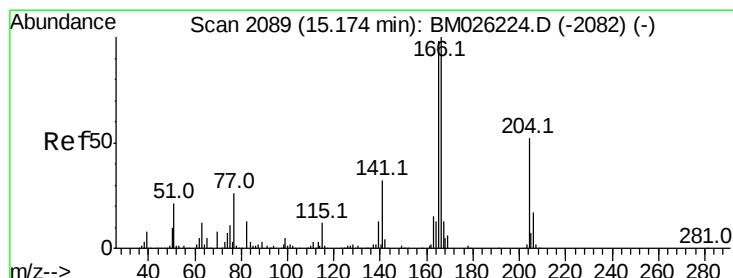
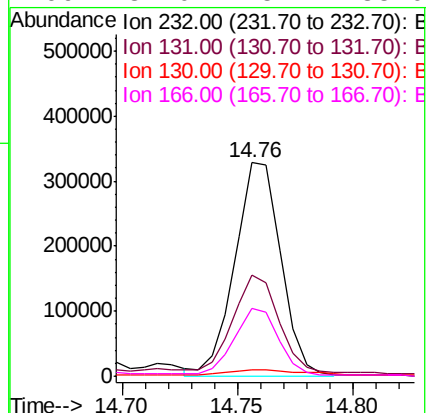
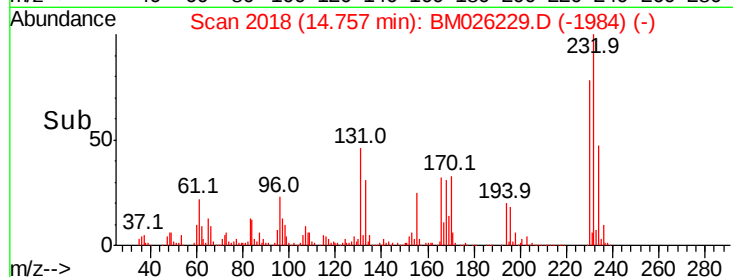
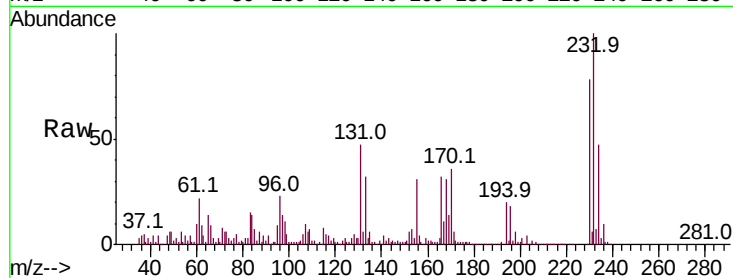
131 47.1 37.0 55.4

130 3.2 1.8 2.8#

166 32.0 25.4 38.0

Manual Integrations
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#59

Fluorene

Concen: 4.061 ng/ul

RT: 15.17 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BM026229.D

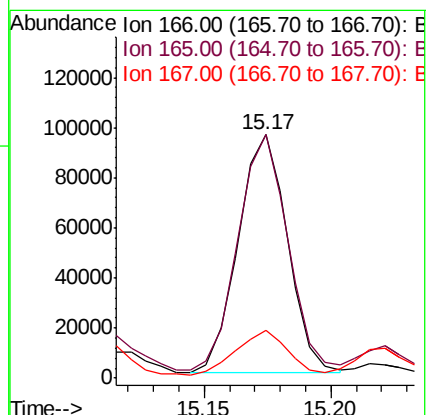
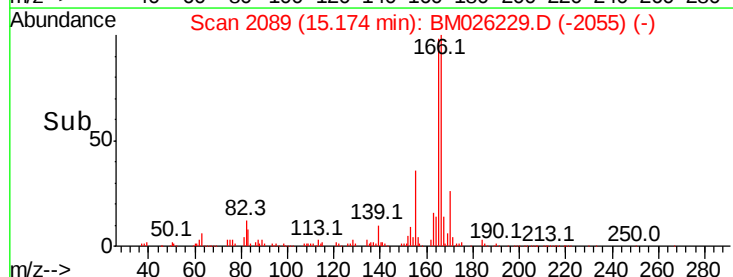
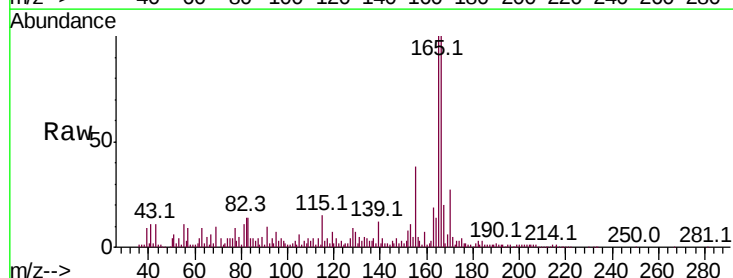
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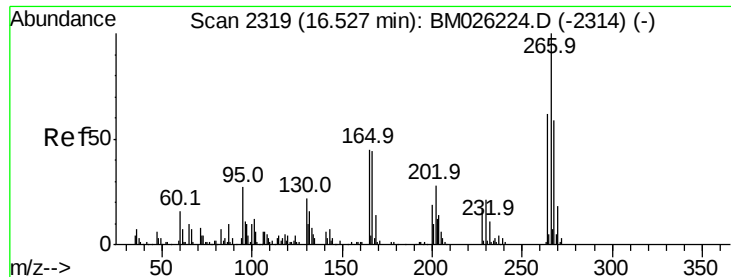
Tgt Ion:166 Resp: 129094
Ion Ratio Lower Upper

166 100

165 100.1 77.3 115.9

167 19.7 10.6 16.0#





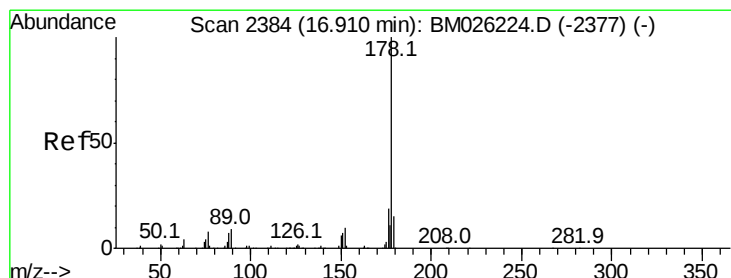
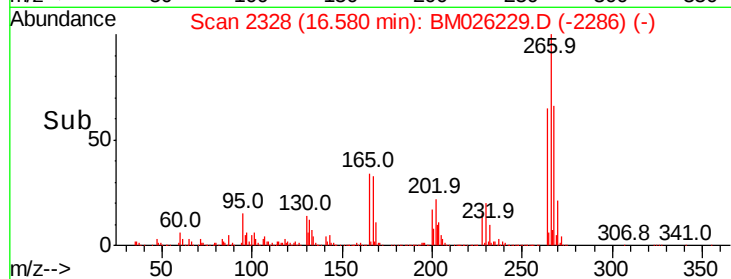
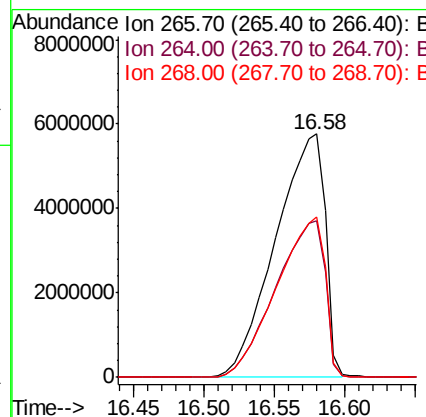
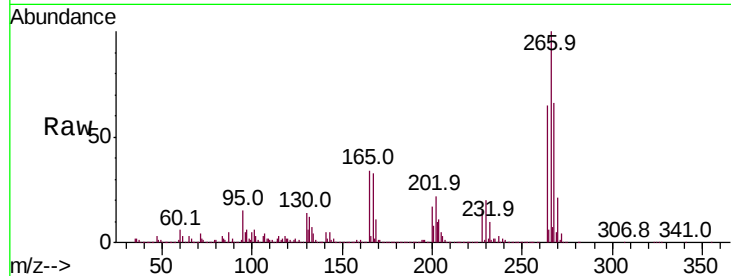
#69
 Pentachlorophenol
 Concen: 2530.363 ng/ul
 RT: 16.58 min Scan# 2328
 Delta R.T. 0.05 min
 Lab File: BM026229.D
 Acq: 02 Jun 2020 16:02

Instrument :
 BNA_M
 ClientSampleId :
 C5CE6DL

Tot Ion:266 Resp:14114071
 Ion Ratio Lower Upper
 266 100
 264 64.5 49.3 73.9
 268 65.8 52.4 78.6

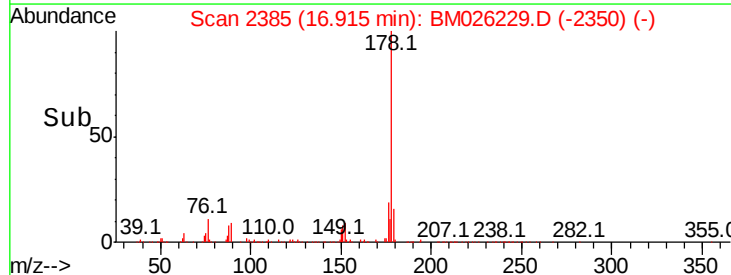
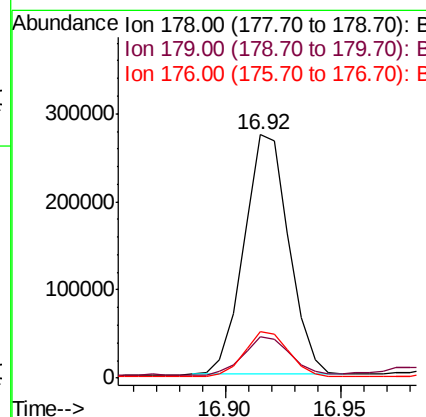
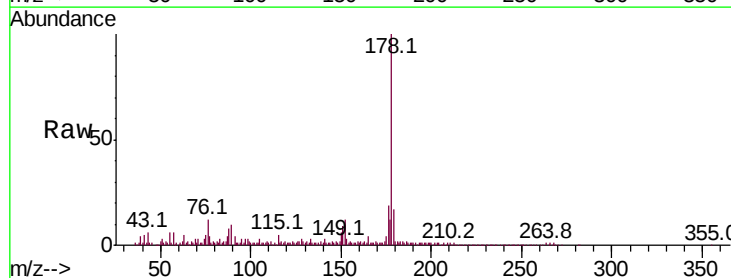
Manual Integrations
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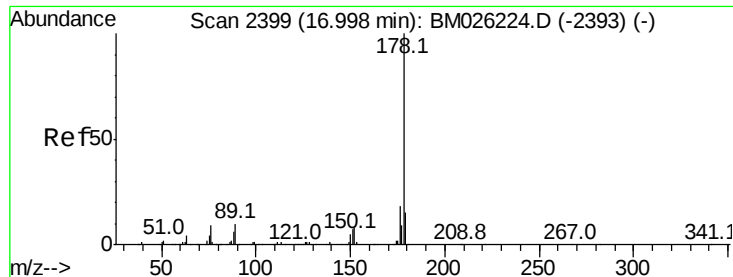
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#70
 Phenanthrene
 Concen: 7.558 ng/ul
 RT: 16.92 min Scan# 2385
 Delta R.T. 0.01 min
 Lab File: BM026229.D
 Acq: 02 Jun 2020 16:02

Tgt Ion:178 Resp: 368274
 Ion Ratio Lower Upper
 178 100
 179 17.0 11.9 17.9
 176 19.4 14.9 22.3





#72

Anthracene

Concen: 1.297 ng/ul

RT: 17.00 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM026229.D

Acq: 02 Jun 2020 16:02

Instrument :

BNA_M

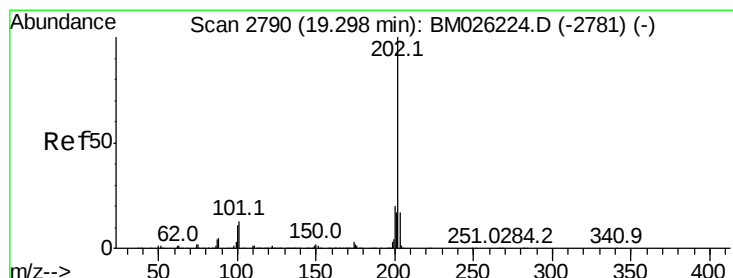
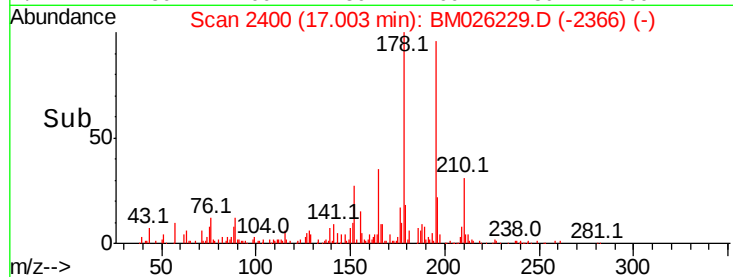
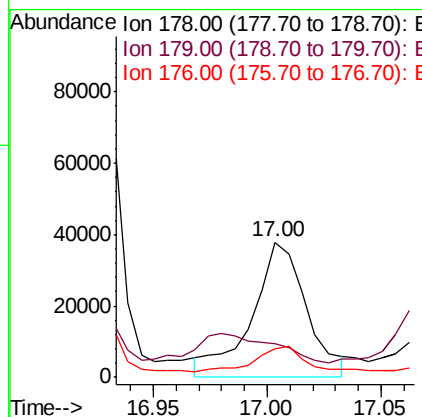
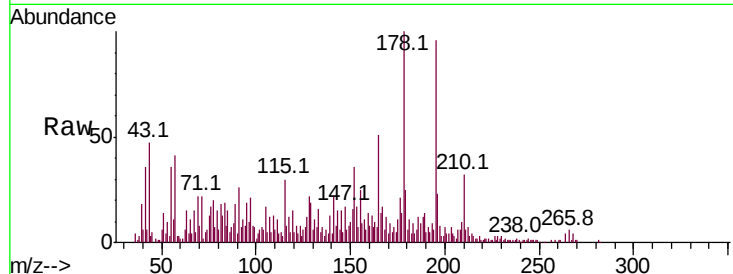
ClientSampleId :

C5CE6DL

Tot Ion:	178	Resp:	63394
Ion Ratio	Lower	Upper	
178	100		
179	24.8	12.2	18.4#
176	20.7	14.9	22.3

Manual Integrations
APPROVED

mohammad
6/3/2020 8:43:02 AM



#80

Pyrene

Concen: 1.448 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BM026229.D

Acq: 02 Jun 2020 16:02

Tgt Ion:	202	Resp:	81409
Ion Ratio	Lower	Upper	
202	100		
101	16.4	12.2	18.4
100	12.5	10.2	15.4

