

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
 Data File : BM026030.D
 Acq On : 19 May 2020 23:16
 Operator : MA/SJ
 Sample : L2681-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CA4

Manual Integrations
 APPROVED

mohammad
 5/20/2020 1:19:39 PM

Quant Time: May 20 05:40:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 19 10:05:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	197775	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	809756	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.15	164	503746	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	982299	20.00	ng/ul	0.02
78) Chrysene-d12	21.09	240	986244	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1014086	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	33181	5.06	ng/uL	0.00
5) Phenol-d5	6.69	99	120058	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	371336	29.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	333954	23.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	216031	15.98	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	226102	34.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	220511	33.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	357673	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	149362	11.23	ng/ul	-0.01
44) Dimethylphthalate-d6	13.57	166	1279217	31.67	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1516235	31.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	62129	8.68	ng/ul	0.00
58) Fluorene-d10	15.15	176	1106447	31.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	196528	34.31	ng/ul	0.01
71) Anthracene-d10	17.01	188	1677256	34.65	ng/ul	0.02
79) Pyrene-d10	19.30	212	1814563	35.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1890392	35.02	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.33	128	26728416m	539.86	ng/ul
34) 2-Methylnaphthalene	11.95	142	6087656	182.81	ng/ul 99
41) 1,1'-Biphenyl	12.97	154	956918	21.41	ng/ul 99
45) Dimethylphthalate	13.62	163	183689	4.33	ng/ul 99
48) Acenaphthylene	13.87	152	252996	4.82	ng/ul# 35
50) Acenaphthene	14.21	153	709419	19.14	ng/ul 99
54) Dibenzofuran	14.55	168	538763m	10.35	ng/ul
56) 2,3,4,6-Tetrachlorophenol	14.79	232	2418254	248.08	ng/ul# 98
59) Fluorene	15.20	166	1113348	26.43	ng/ul# 92
69) Pentachlorophenol	16.63	266	26291221m	3711.58	ng/ul
70) Phenanthrene	16.96	178	4828604	78.04	ng/ul 98
72) Anthracene	17.04	178	750410	12.09	ng/ul 98
77) Fluoranthene	18.96	202	526650	8.11	ng/ul 96
80) Pyrene	19.33	202	850186	12.28	ng/ul 97
83) Benzo(a)anthracene	21.07	228	103713	1.53	ng/ul# 82
85) Chrysene	21.13	228	113042	1.67	ng/ul# 85

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

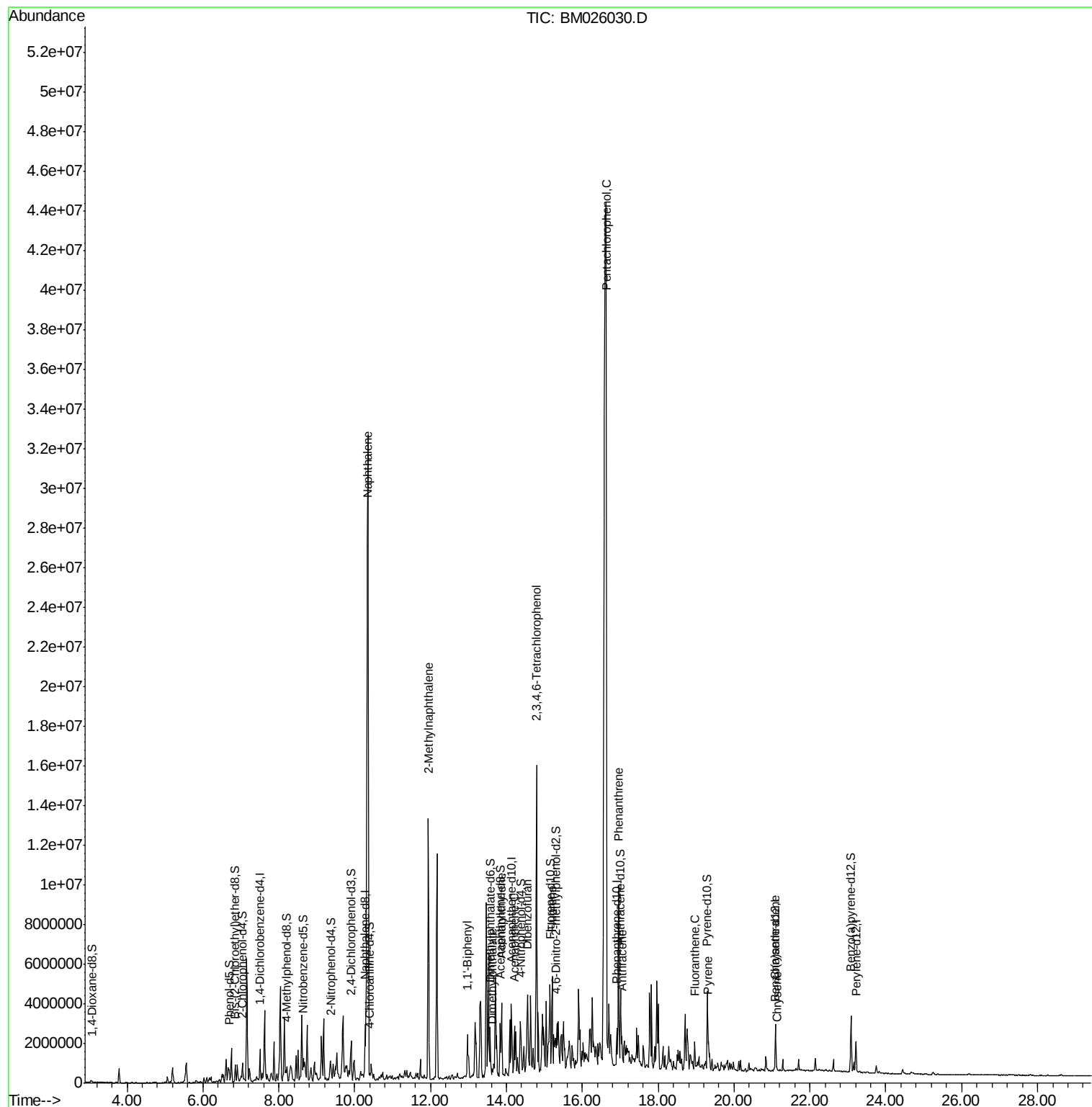
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026030.D
Acq On : 19 May 2020 23:16
Operator : MA/SJ
Sample : L2681-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

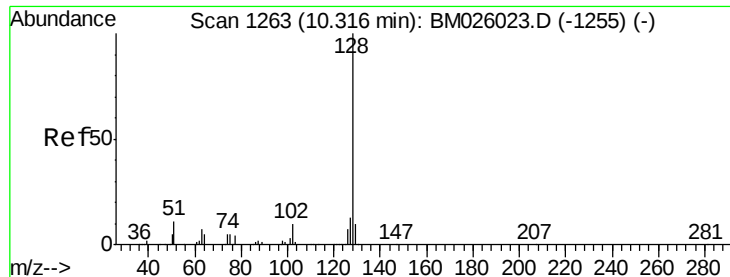
Instrument :
BNA_M
ClientSampleId :
C5CA4

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Quant Time: May 20 05:40:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
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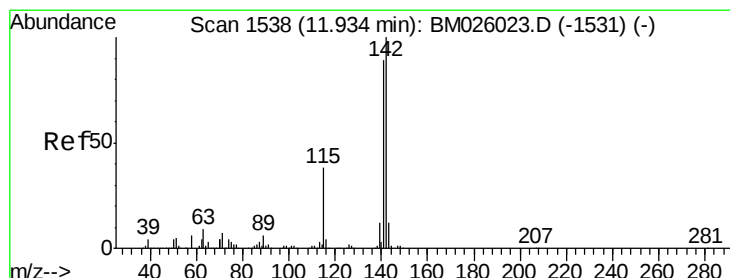
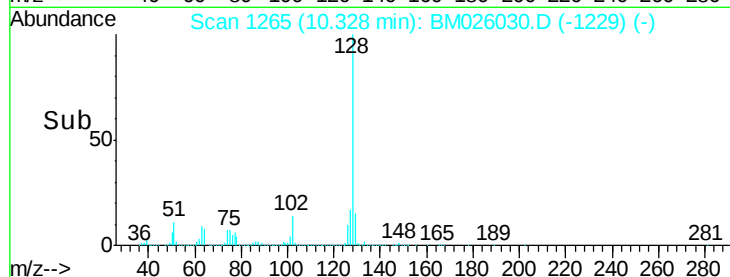
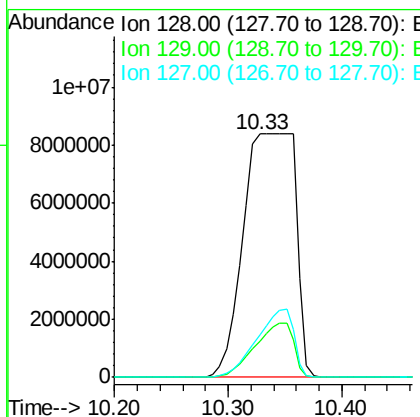
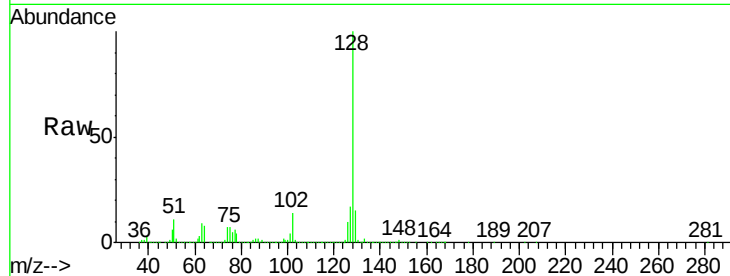
#28
Naphthalene
Concen: 539.86 ng/ul m
RT: 10.33 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :
C5CA4

Tgt Ion:128 Resp:26728416
Ion Ratio Lower Upper
128 100
129 15.0 9.0 13.4#
127 17.3 10.6 15.8#

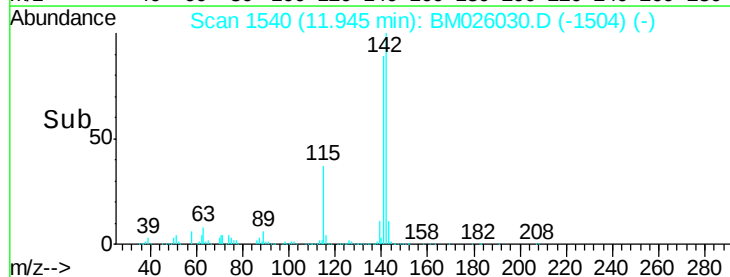
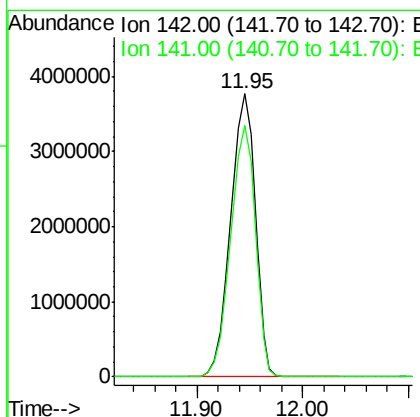
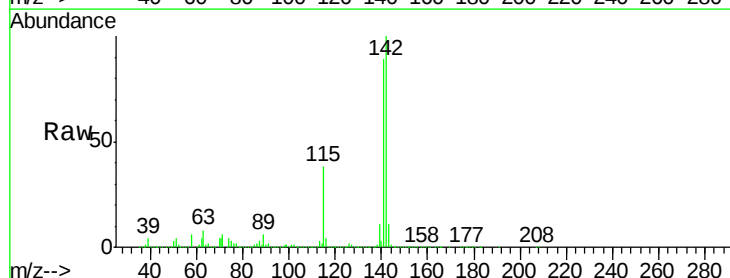
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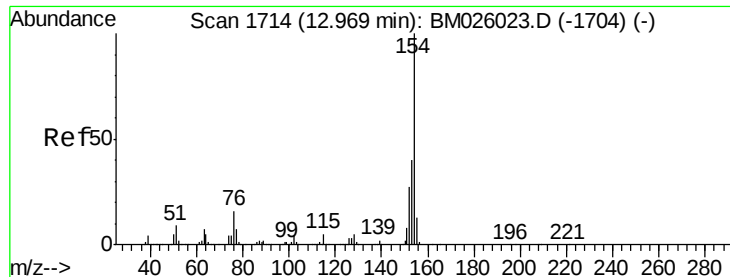
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#34
2-Methylnaphthalene
Concen: 182.81 ng/ul
RT: 11.95 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Tgt Ion:142 Resp: 6087656
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6





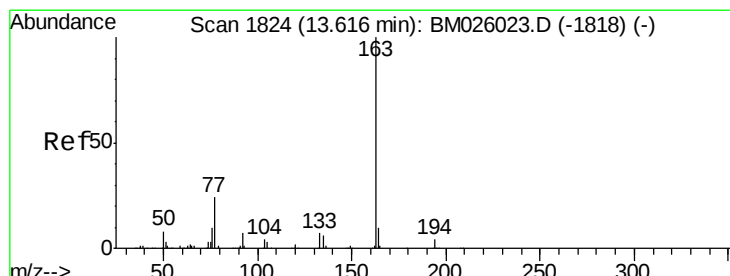
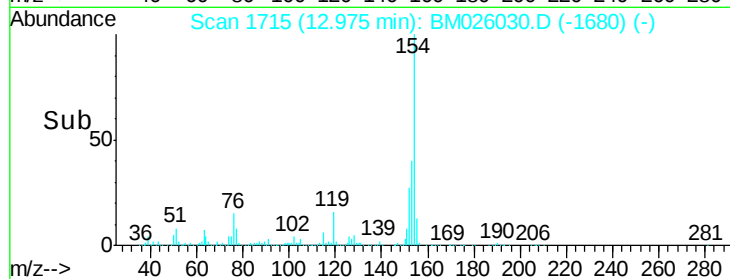
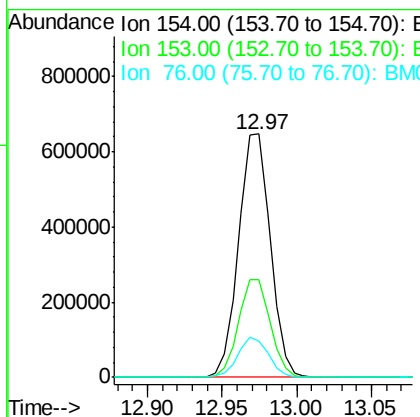
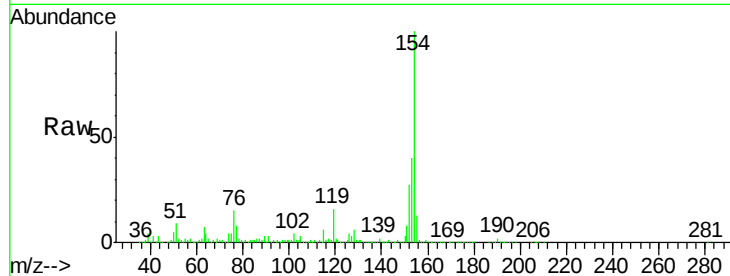
#41
 1,1'-Biphenyl
 Concen: 21.41 ng/ul
 RT: 12.97 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BM026030.D
 Acq: 19 May 2020 23:16

Instrument :
 BNA_M
 ClientSampleId :
 C5CA4

Tgt Ion:	154	Resp:	956918
Ion Ratio	Lower	Upper	
154	100		
153	40.4	32.3	48.5
76	15.0	13.0	19.6

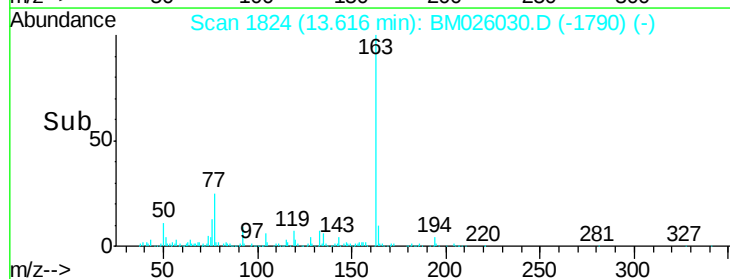
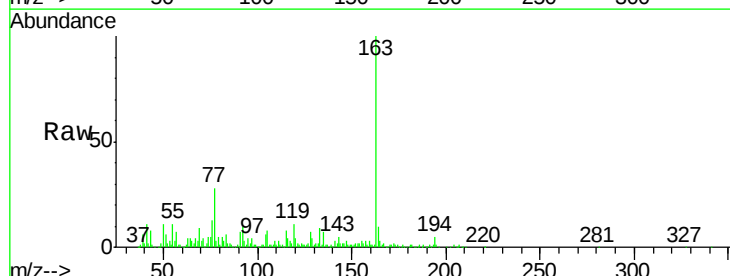
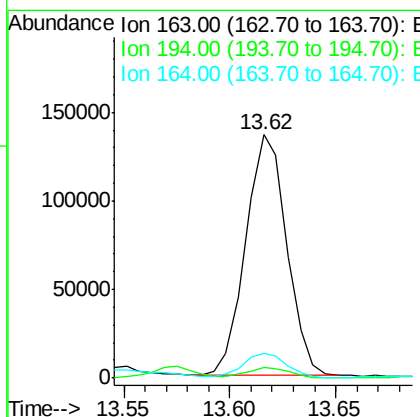
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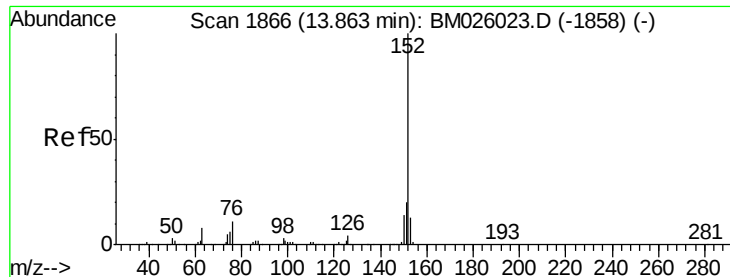
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#45
 Dimethylphthalate
 Concen: 4.33 ng/ul
 RT: 13.62 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BM026030.D
 Acq: 19 May 2020 23:16

Tgt Ion:	163	Resp:	183689
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.2	4.8
164	10.4	8.0	12.0





#48

Acenaphthylene

Concen: 4.82 ng/ul

RT: 13.87 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BM026030.D

Acq: 19 May 2020 23:16

Instrument :

BNA_M

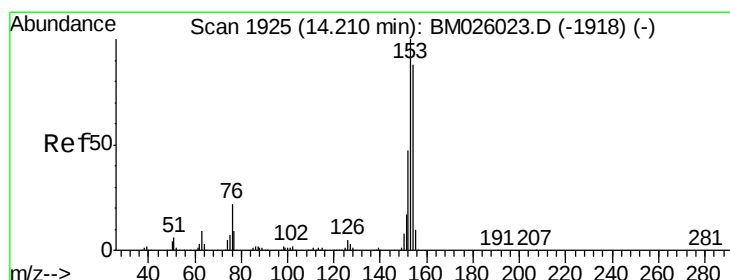
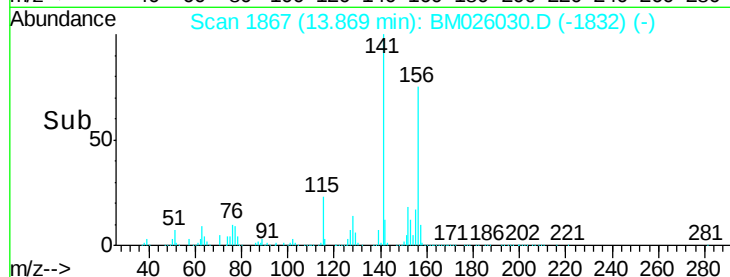
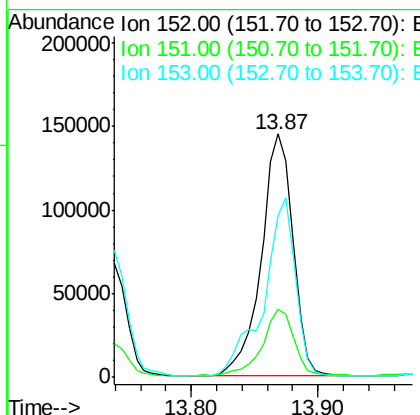
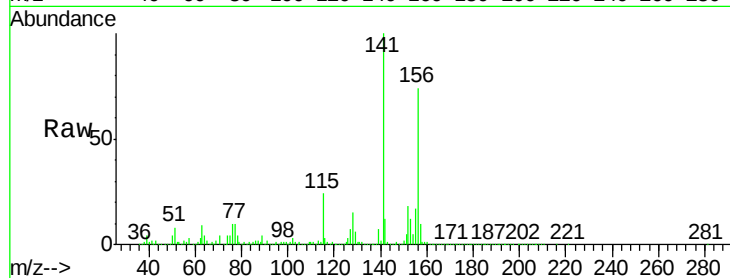
ClientSampleId :

C5CA4

Tgt Ion:	152	Resp:	252996
Ion Ratio	Lower	Upper	
152	100		
151	28.2	15.7	23.5#
153	66.4	10.2	15.2#

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#50

Acenaphthene

Concen: 19.14 ng/ul

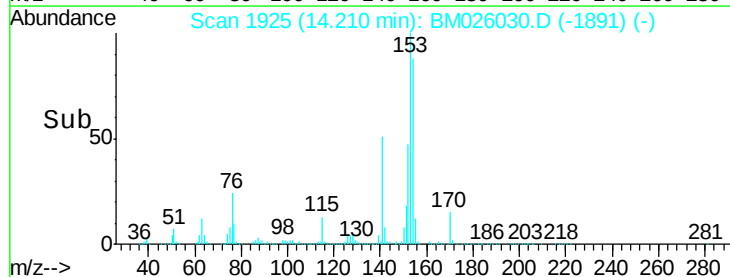
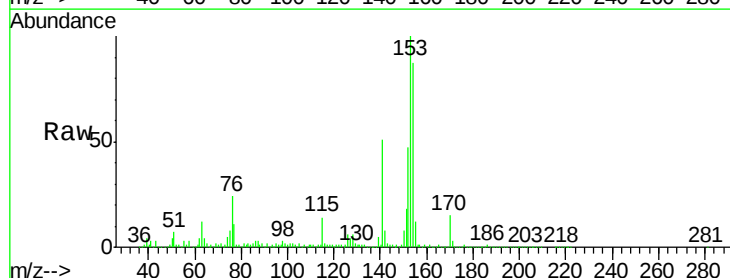
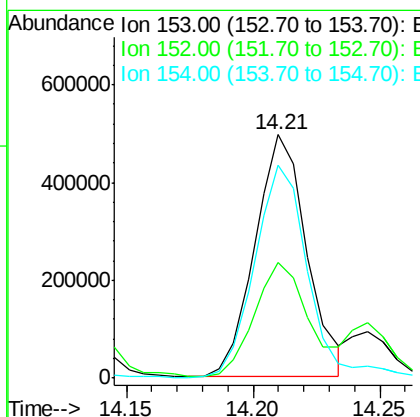
RT: 14.21 min Scan# 1925

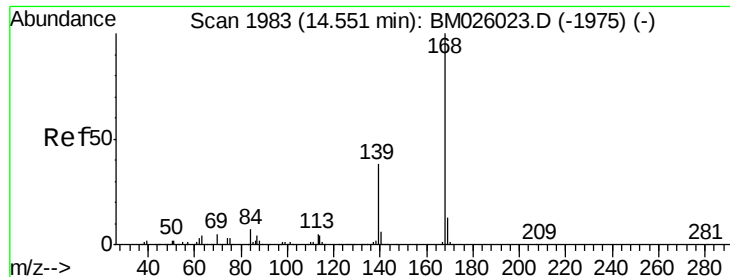
Delta R.T. 0.00 min

Lab File: BM026030.D

Acq: 19 May 2020 23:16

Tgt Ion:	153	Resp:	709419
Ion Ratio	Lower	Upper	
153	100		
152	47.4	37.2	55.8
154	87.4	69.8	104.8





#54

Dibenzofuran

Concen: 10.35 ng/ul m

RT: 14.55 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM026030.D

Acq: 19 May 2020 23:16

Instrument :

BNA_M

ClientSampleId :

C5CA4

Tgt Ion:168 Resp: 538763

Ion Ratio Lower Upper

168 100

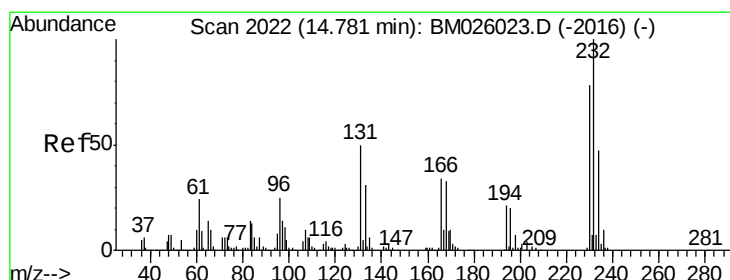
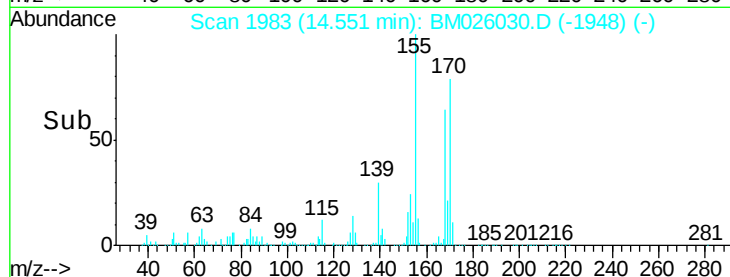
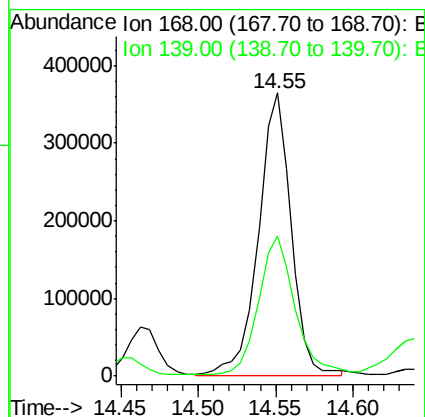
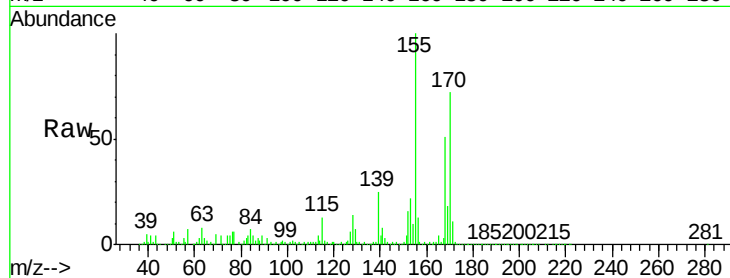
139 49.4 30.7 46.1#

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#56

2,3,4,6-Tetrachlorophenol

Concen: 248.08 ng/ul

RT: 14.79 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BM026030.D

Acq: 19 May 2020 23:16

Tgt Ion:232 Resp: 2418254

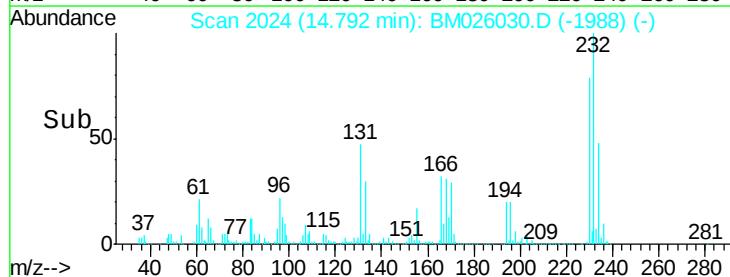
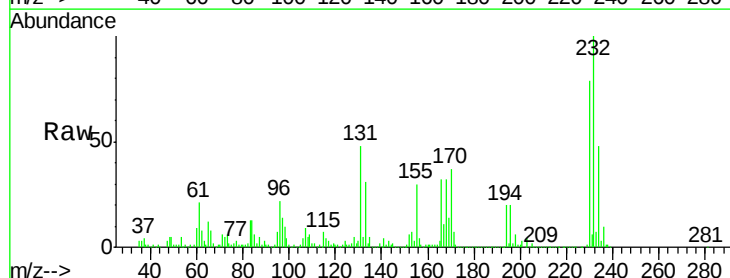
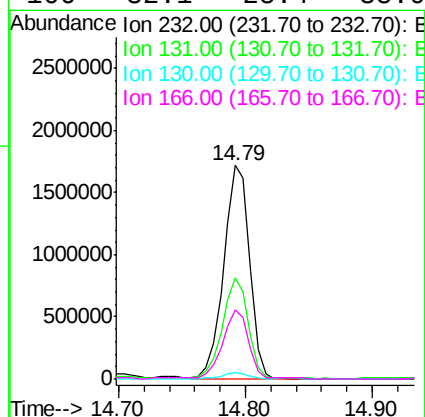
Ion Ratio Lower Upper

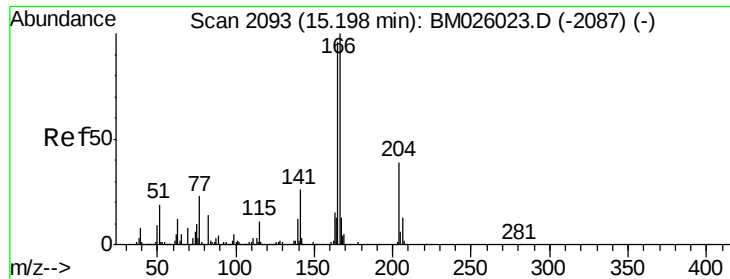
232 100

131 47.6 37.0 55.4

130 2.8 1.8 2.8#

166 32.1 25.4 38.0





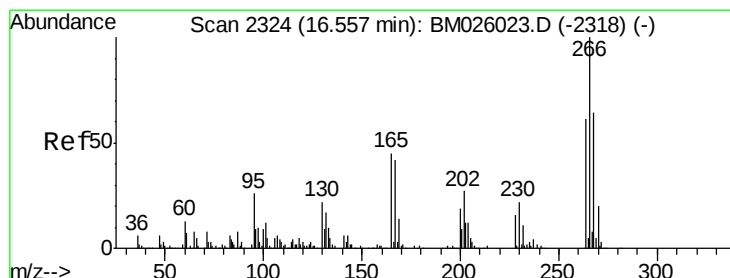
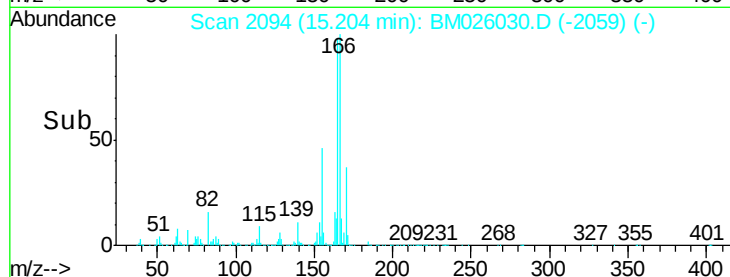
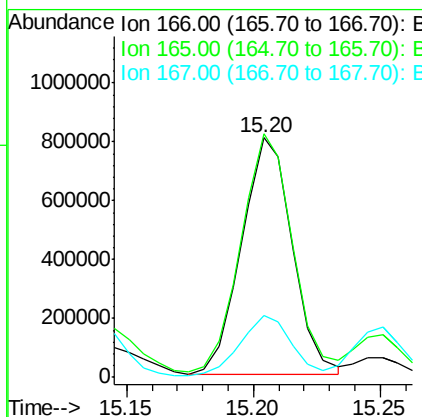
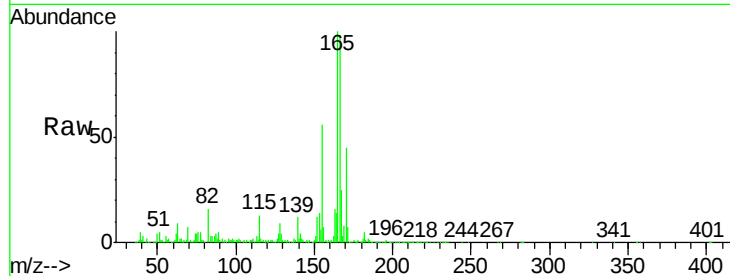
#59
Fluorene
Concen: 26.43 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :
C5CA4

Tgt Ion:166 Resp: 1113348
Ion Ratio Lower Upper
166 100
165 101.7 77.3 115.9
167 25.9 10.6 16.0#

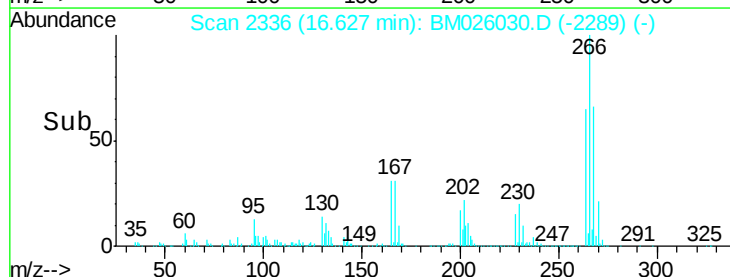
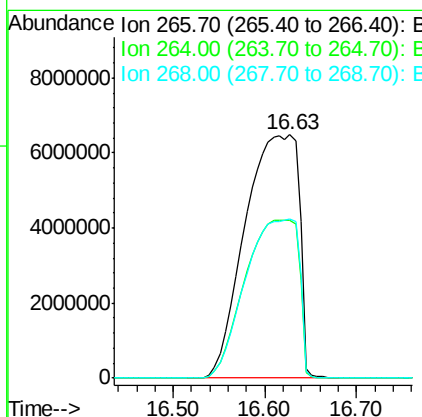
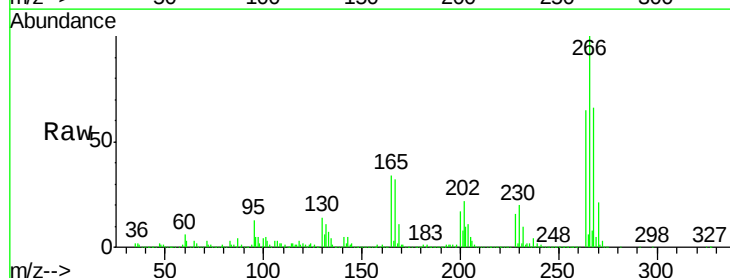
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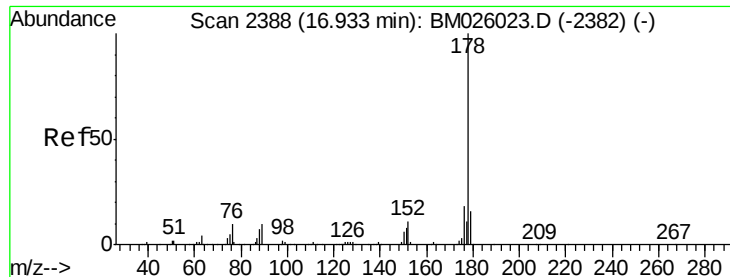
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#69
Pentachlorophenol
Concen: 3711.58 ng/ul m
RT: 16.63 min Scan# 2336
Delta R.T. 0.08 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Tgt Ion:266 Resp:26291221
Ion Ratio Lower Upper
266 100
264 65.1 49.3 73.9
268 65.6 52.4 78.6





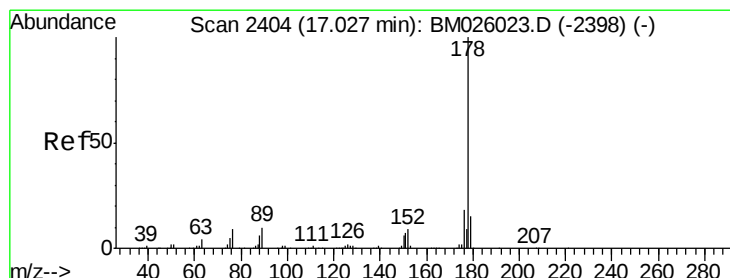
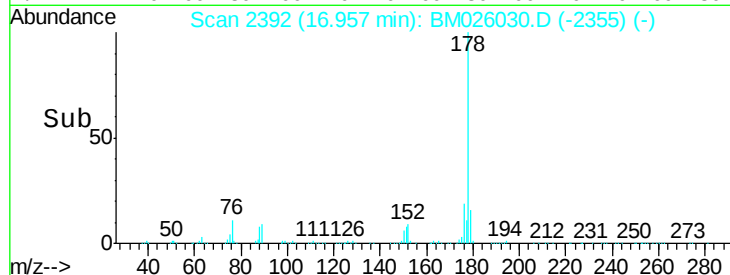
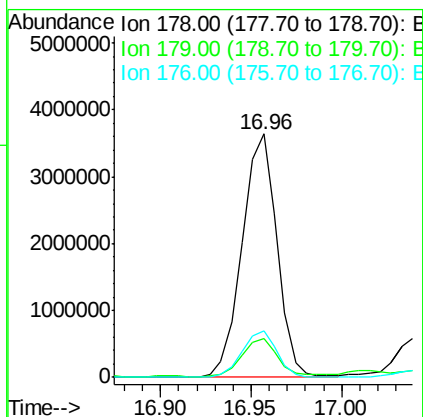
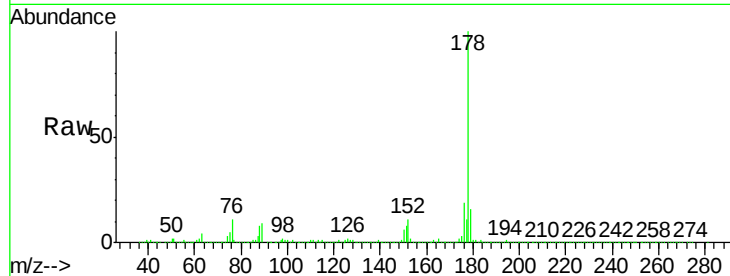
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Phenanthrene
Concen: 78.04 ng/u1
RT: 16.96 min Scan# 2392
Delta R.T. 0.02 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampled :
C5CA4

Tgt Ion:178 Resp: 4828604
Ion Ratio Lower Upper
178 100
179 16.2 11.9 17.9
176 19.2 14.9 22.3

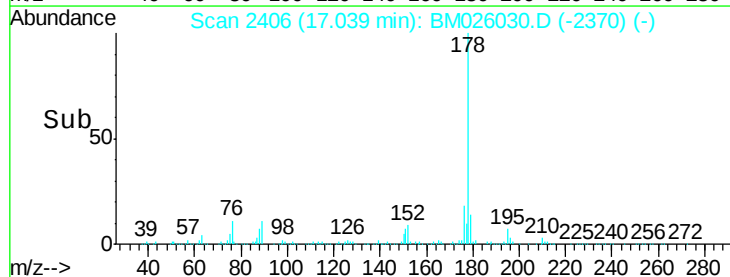
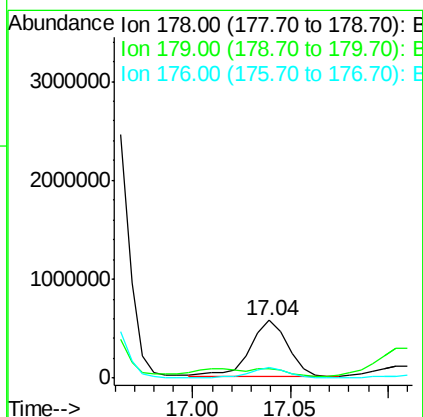
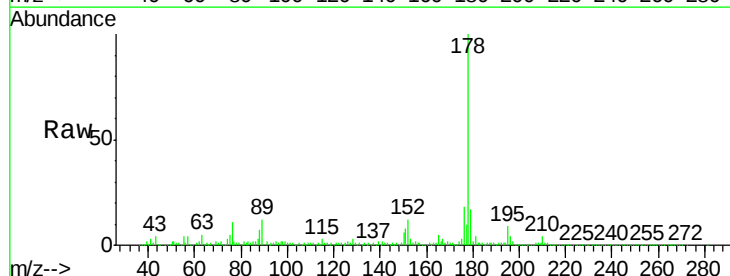
Manual Integrations
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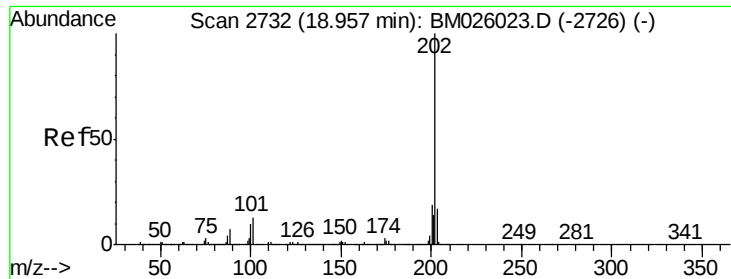
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#72
Anthracene
Concen: 12.09 ng/u1
RT: 17.04 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Tgt Ion:178 Resp: 750410
Ion Ratio Lower Upper
178 100
179 17.1 12.2 18.4
176 18.3 14.9 22.3





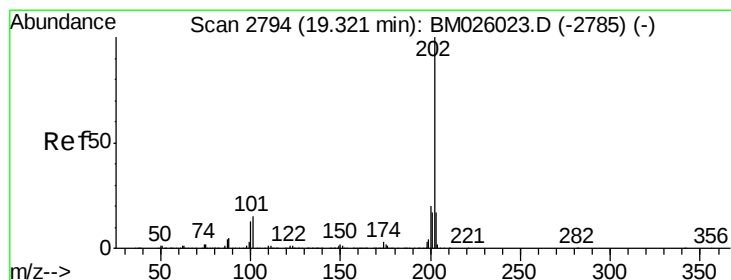
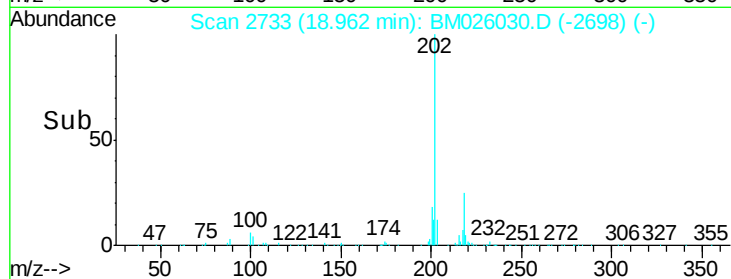
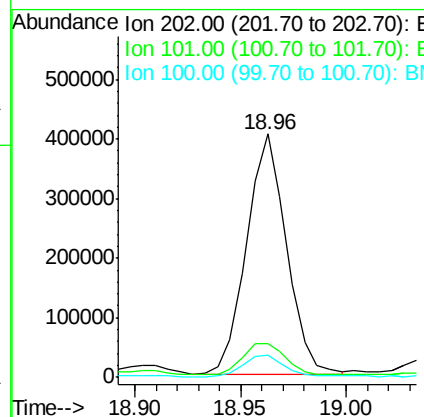
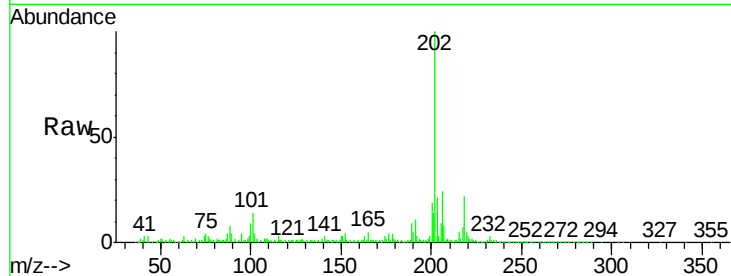
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Fluoranthene
 Concen: 8.11 ng/ul
 RT: 18.96 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BM026030.D
 Acq: 19 May 2020 23:16

Instrument :
 BNA_M
 ClientSampled :
 C5CA4

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		526650		
101	14.1	9.5	14.3		
100	9.1	7.6	11.4		

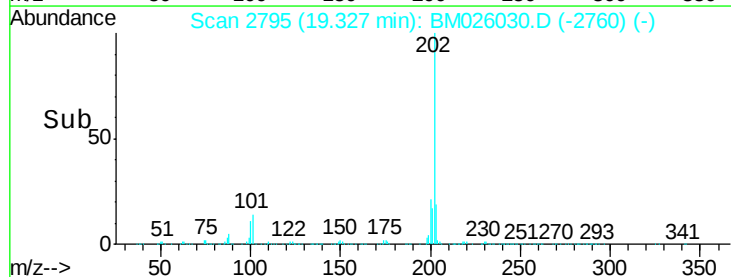
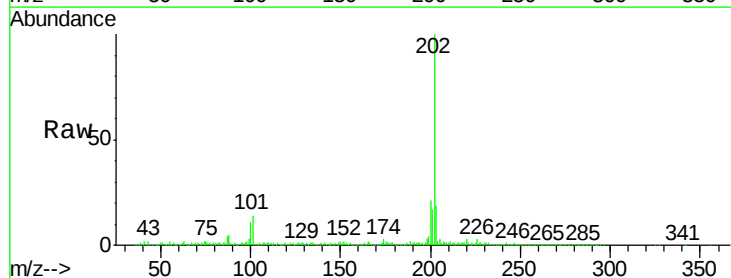
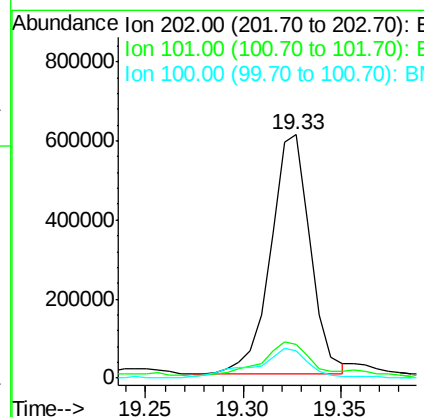
Manual Integrations
 APPROVED

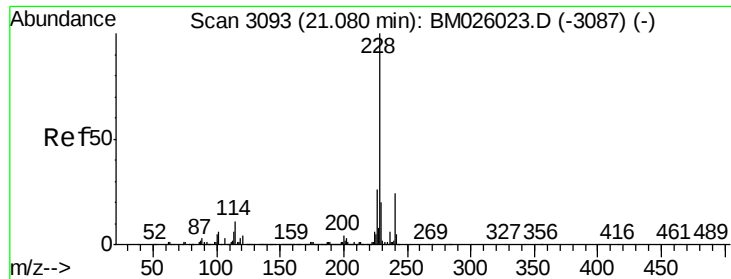
mohammad
 5/20/2020 1:19:39 PM



#80
Pyrene
 Concen: 12.28 ng/ul
 RT: 19.33 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: BM026030.D
 Acq: 19 May 2020 23:16

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		850186		
101	14.1	12.2	18.4		
100	11.5	10.2	15.4		





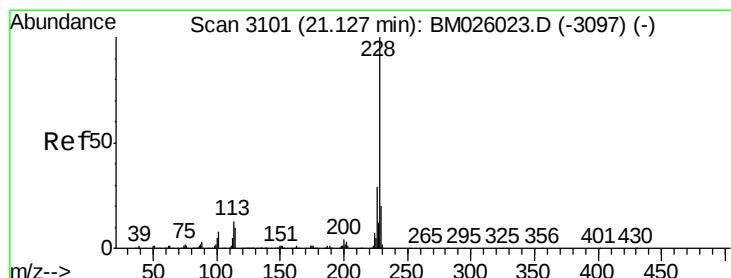
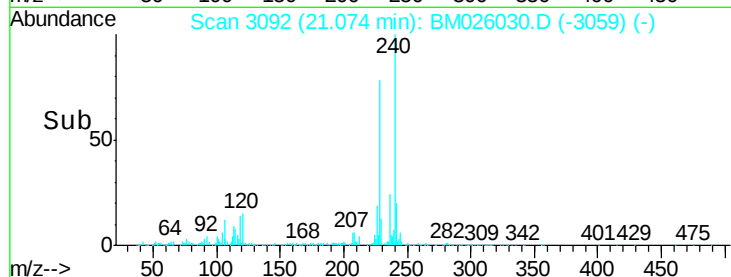
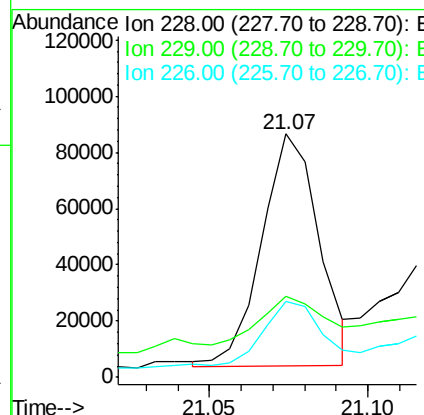
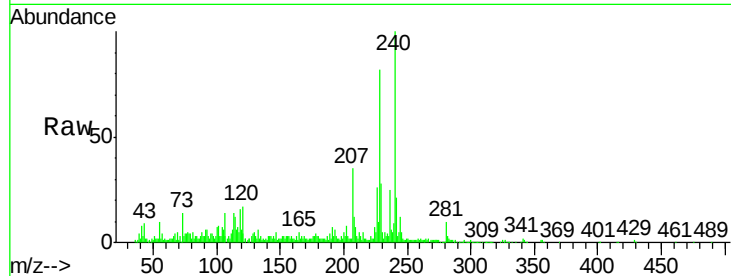
#83
Benzo(a)anthracene
Concen: 1.53 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampled :
C5CA4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	33.5	15.5	23.3#
226	31.0	21.2	31.8

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:39 PM



#85
Chrysene
Concen: 1.67 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM026030.D
Acq: 19 May 2020 23:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.6
229	34.3	15.5	23.3#

