

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
 Data File : BM027840.D
 Acq On : 19 Nov 2020 12:35
 Operator : JU/CG
 Sample : L4710-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW8

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:31:57 AM

Quant Time: Nov 19 13:23:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 12:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	39959	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	171231	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.95	164	107017	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.66	188	219439	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	170664	20.00	ng/ul	0.00
86) Perylene-d12	24.19	264	136824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	3253	3.11	ng/uL	0.00
5) Phenol-d5	7.46	99	70990	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	47929	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	54263	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	54934	18.65	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	26775	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	30065	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	57124	18.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	52205	15.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.35	166	181372	21.36	ng/ul	0.00
47) Acenaphthylene-d8	14.65	160	223182	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	23647	15.69	ng/ul	0.00
58) Fluorene-d10	15.93	176	154841	20.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.03	200	23311	17.48	ng/ul	0.00
71) Anthracene-d10	17.76	188	238874	21.58	ng/ul	0.00
79) Pyrene-d10	20.02	212	254973	24.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.03	264	166930	21.73	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.39	163	78891	9.101	ng/ul	99
50) Acenaphthene	15.02	153	7837	1.061	ng/ul	93
59) Fluorene	15.99	166	11062	1.334	ng/ul	92
70) Phenanthrene	17.71	178	281839	21.799	ng/ul	98
72) Anthracene	17.80	178	35731	2.717	ng/ul	99
75) Carbazole	18.05	167	21581	1.956	ng/ul	96
77) Fluoranthene	19.69	202	557093	38.912	ng/ul	98
80) Pyrene	20.04	202	431864	31.549	ng/ul	99
83) Benzo(a)anthracene	21.75	228	195795	16.193	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	13871	2.009	ng/ul	99
85) Chrysene	21.80	228	209196	17.859	ng/ul	96
88) Benzo(b)fluoranthene	23.46	252	214408	22.249	ng/ul#	95
89) Benzo(k)fluoranthene	23.50	252	71209m	7.669	ng/ul	
91) Benzo(a)pyrene	24.09	252	132672	15.539	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.69	276	82915	8.386	ng/ul	97
93) Dibenzo(a,h)anthracene	26.69	278	20648	2.503	ng/ul#	83
94) Benzo(g,h,i)perylene	27.46	276	73035	8.803	ng/ul#	94

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

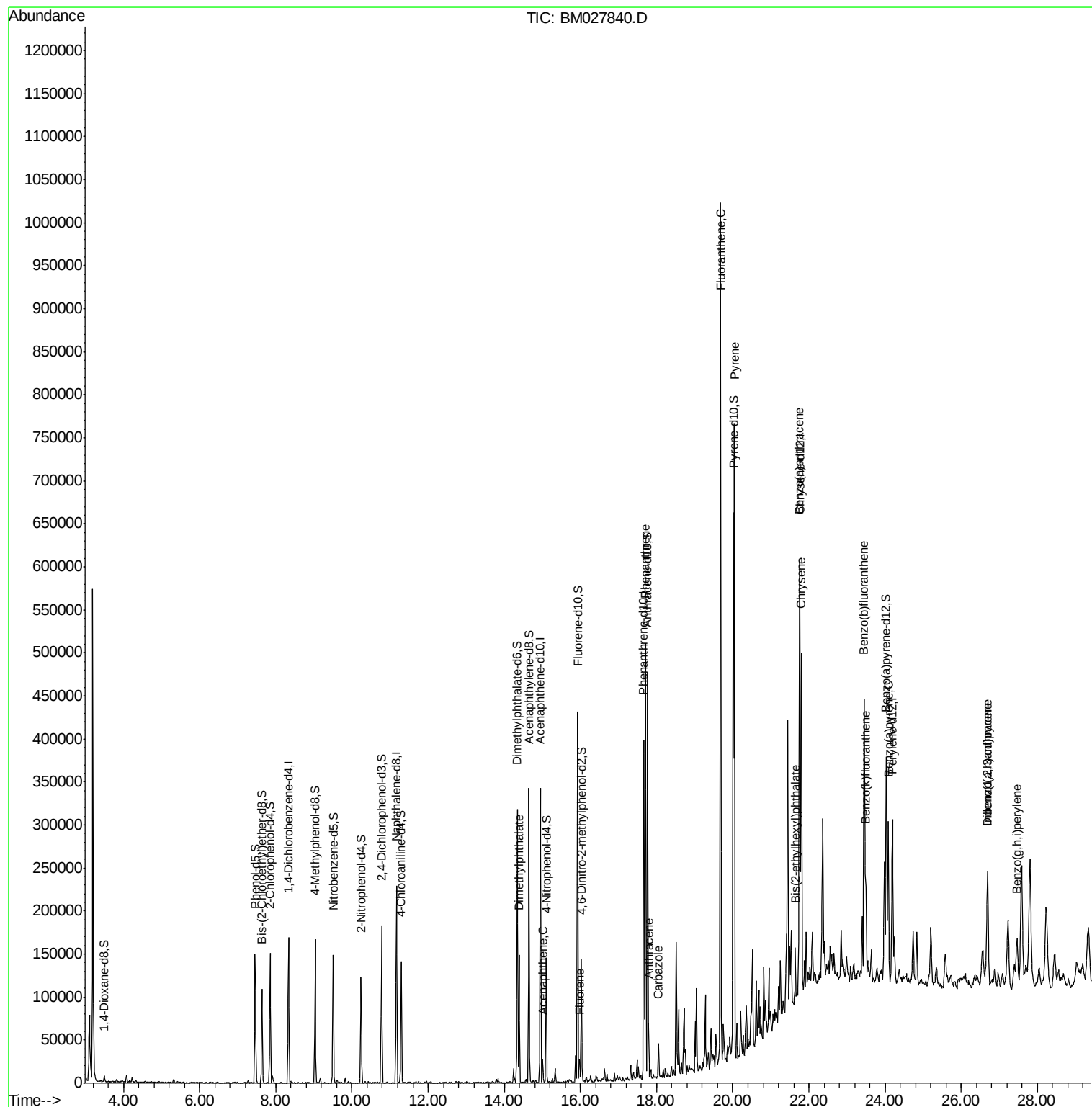
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027840.D
Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

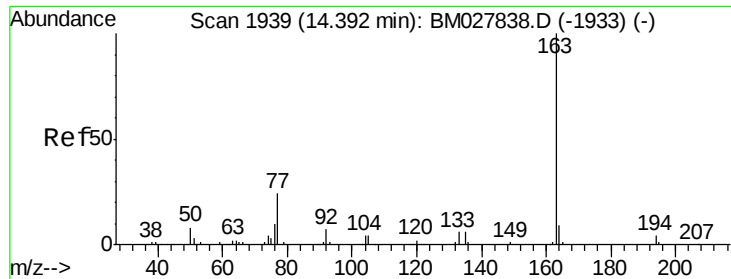
Instrument :
BNA_M
ClientSampleId :
C0AW8

Manual Integrations
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Quant Time: Nov 19 13:23:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration





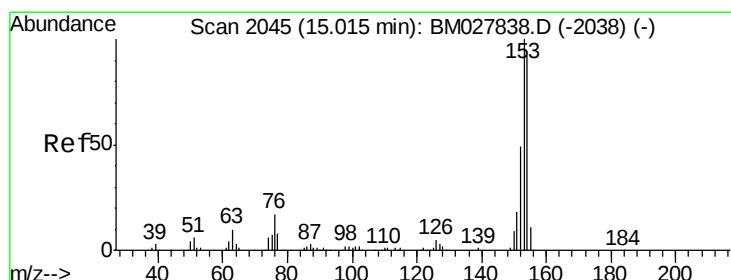
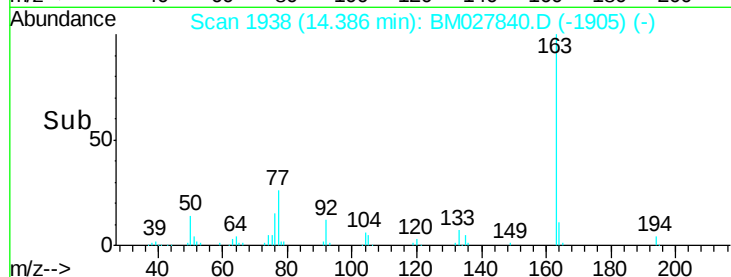
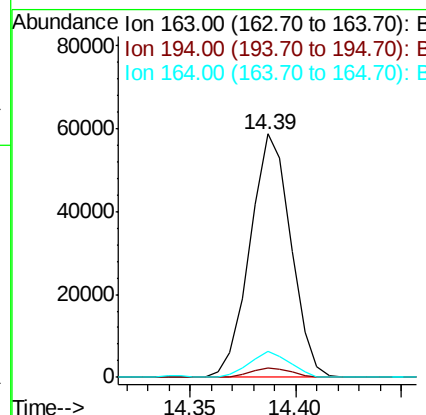
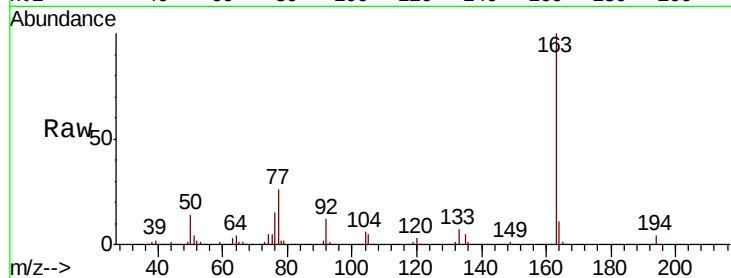
#45
Dimethylphthalate
Concen: 9.101 ng/ul
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Instrument :
BNA_M
ClientSampleId :
C0AW8

Tot Ion:	163	Resp:	78891
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.7	8.3	12.5

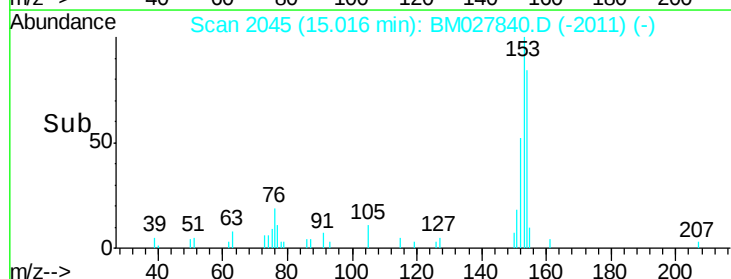
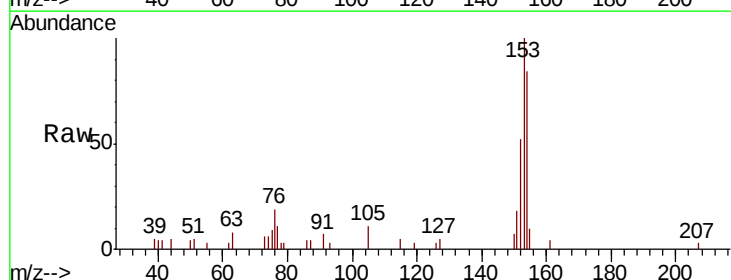
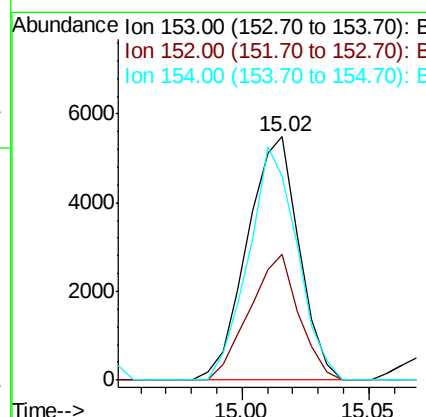
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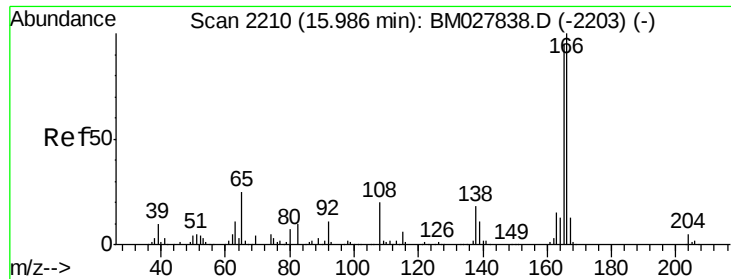
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#50
Acenaphthene
Concen: 1.061 ng/ul
RT: 15.02 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Tgt Ion:	153	Resp:	7837
Ion Ratio	Lower	Upper	
153	100		
152	51.6	38.1	57.1
154	83.6	72.5	108.7





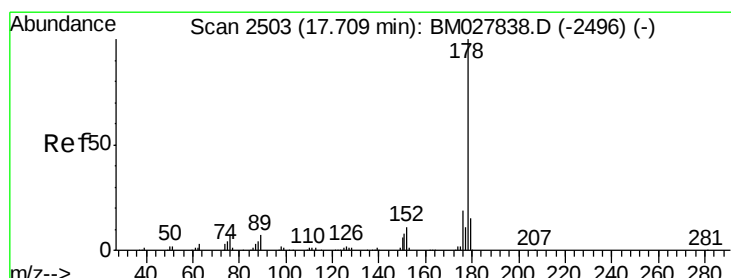
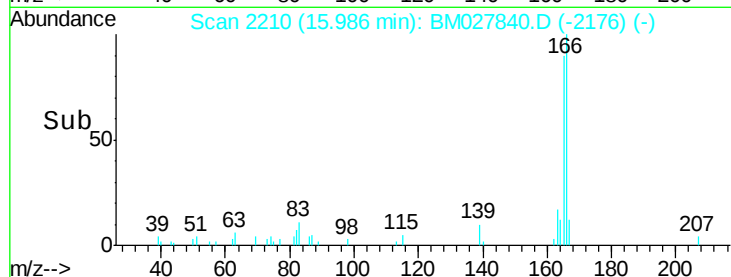
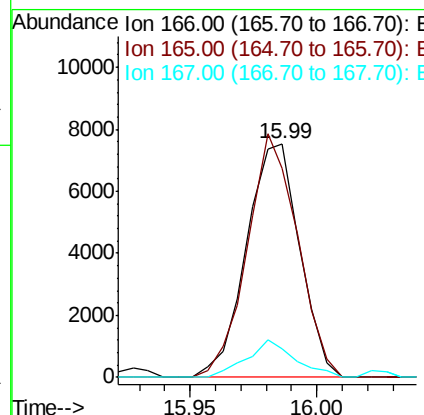
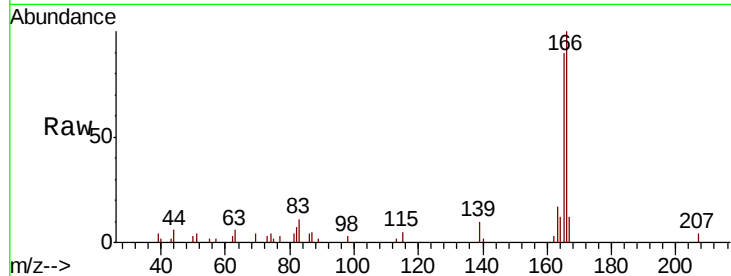
#59
Fluorene
 Concen: 1.334 ng/ul
 RT: 15.99 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Instrument :
 BNA_M
 ClientSampleId :
 C0AW8

Tot Ion	Ratio	Lower	Upper
166	100		
165	89.6	78.6	118.0
167	12.5	10.2	15.4

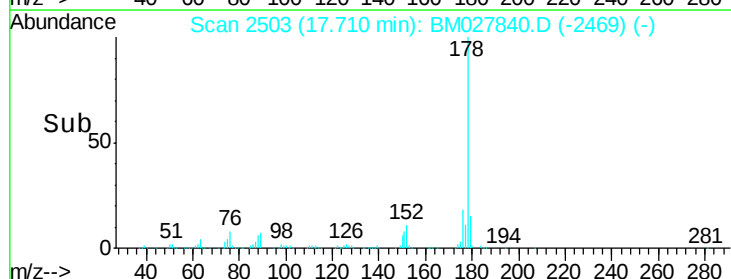
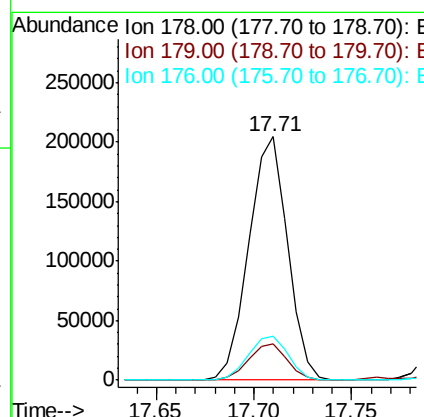
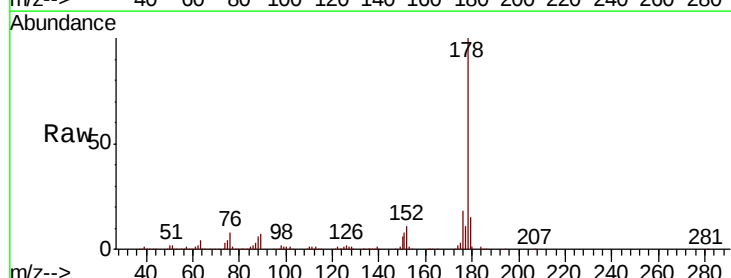
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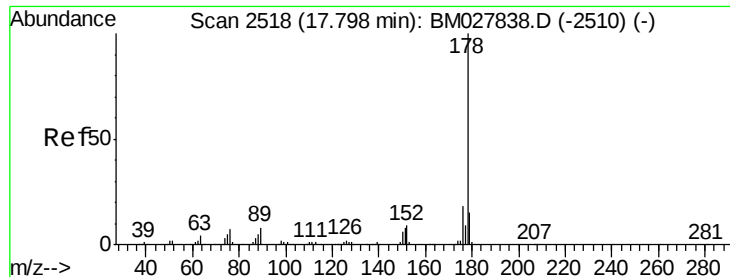
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#70
Phenanthrene
 Concen: 21.799 ng/ul
 RT: 17.71 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.4	18.6
176	18.1	15.1	22.7





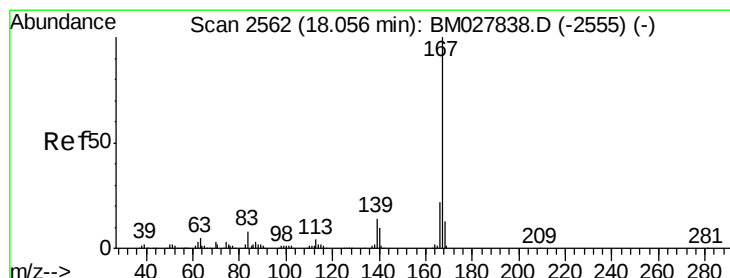
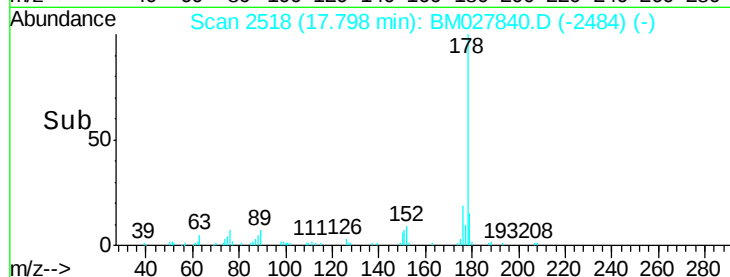
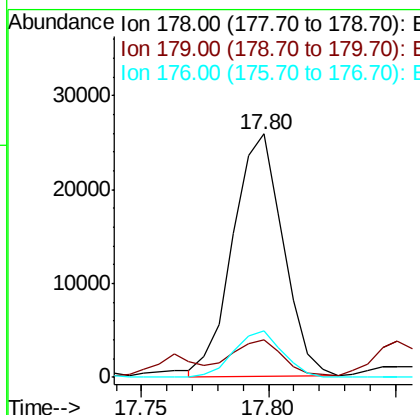
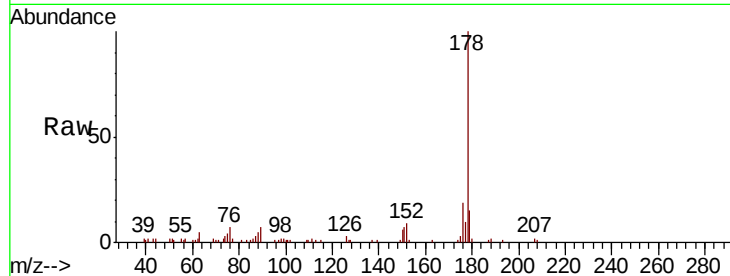
#72
 Anthracene
 Concen: 2.717 ng/ul
 RT: 17.80 min Scan# 2518
 Delta R.T. 0.00 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Instrument :
 BNA_M
 ClientSampleId :
 C0AW8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.9	14.7	22.1

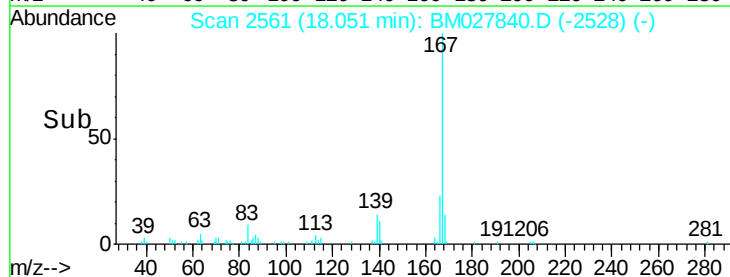
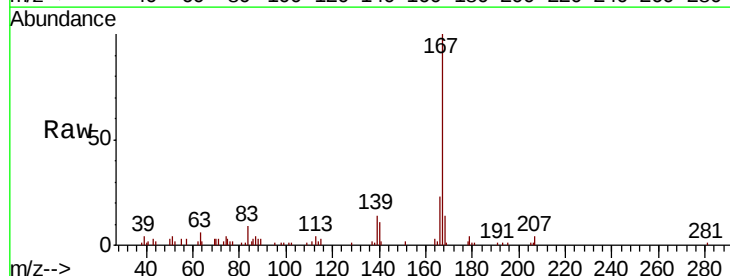
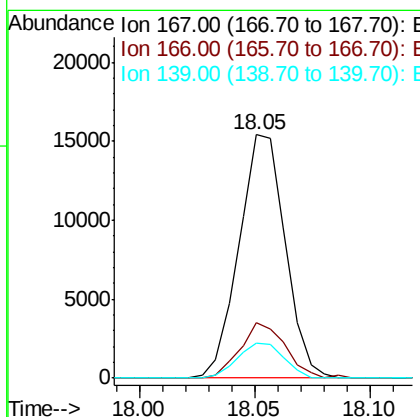
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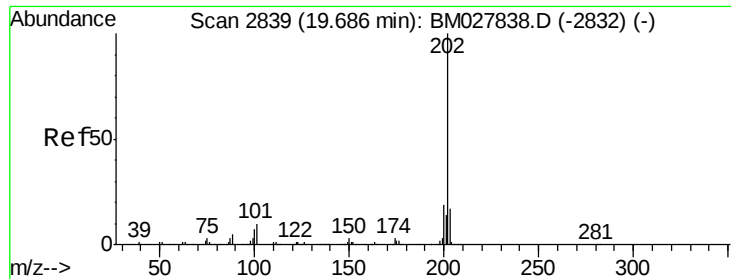
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#75
 Carbazole
 Concen: 1.956 ng/ul
 RT: 18.05 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	16.5	24.7
139	14.5	10.7	16.1





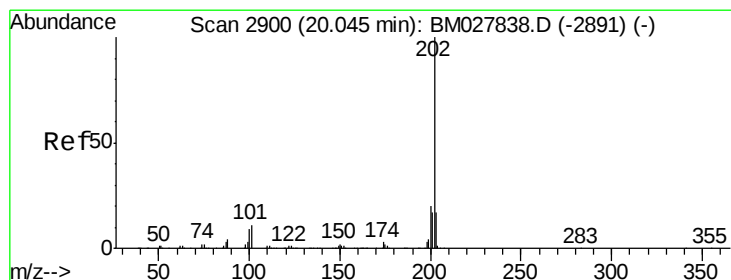
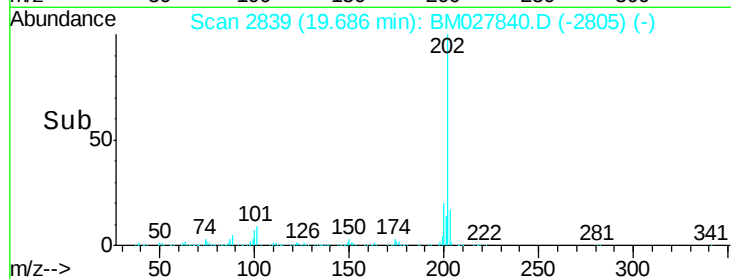
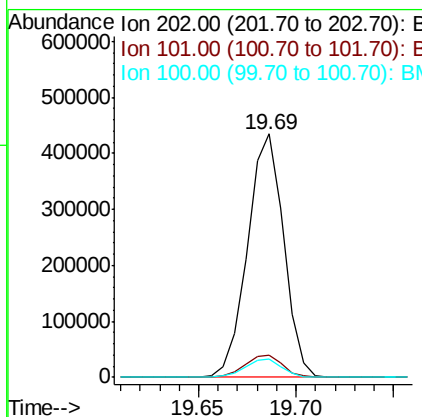
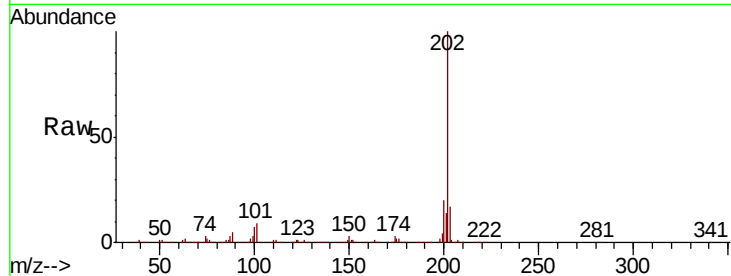
#77
Fluoranthene
 Concen: 38.912 ng/ul
 RT: 19.69 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Instrument :
 BNA_M
 ClientSampleId :
 C0AW8

Tot Ion:	202	Resp:	557093
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.9	10.3
100	7.3	5.3	7.9

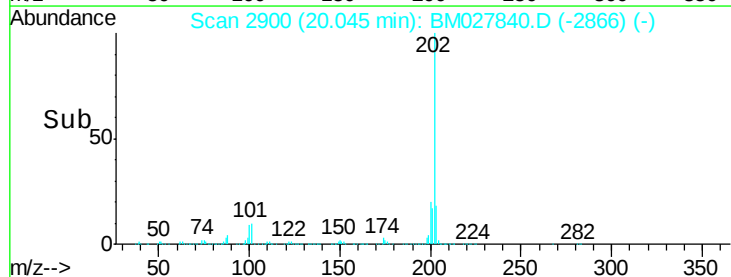
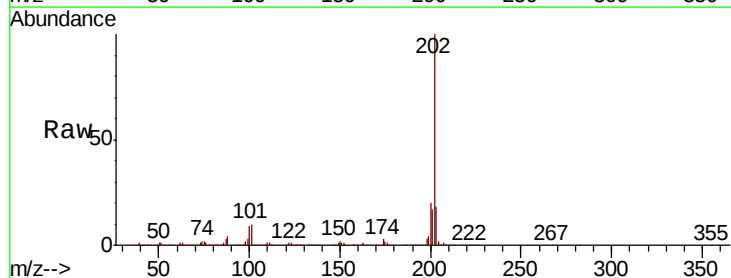
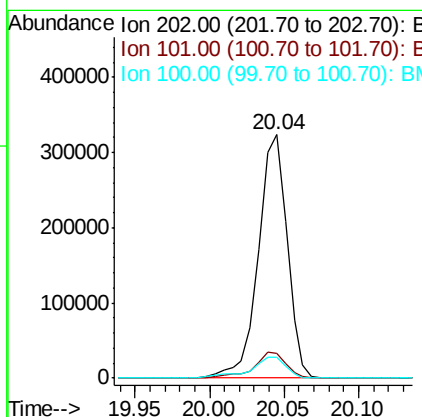
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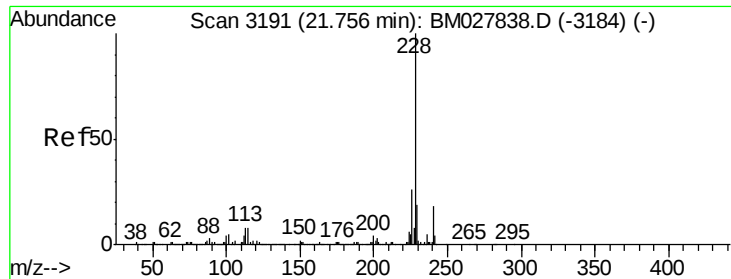
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#80
Pyrene
 Concen: 31.549 ng/ul
 RT: 20.04 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Tgt Ion:	202	Resp:	431864
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.1	12.1
100	8.8	6.7	10.1





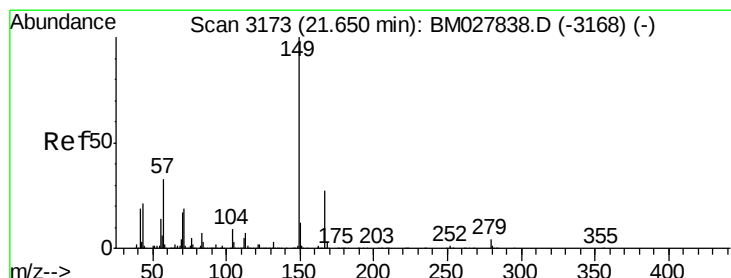
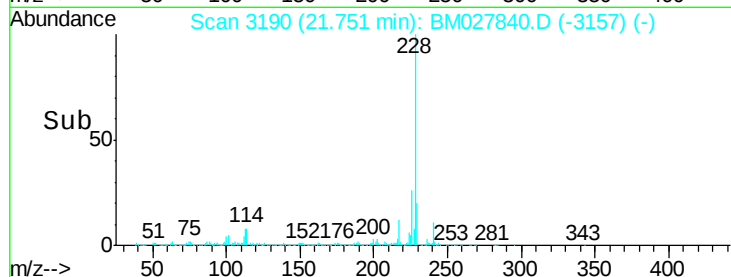
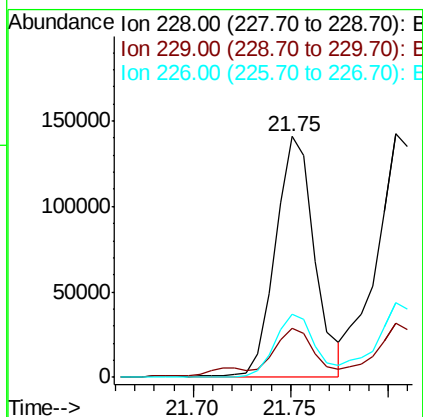
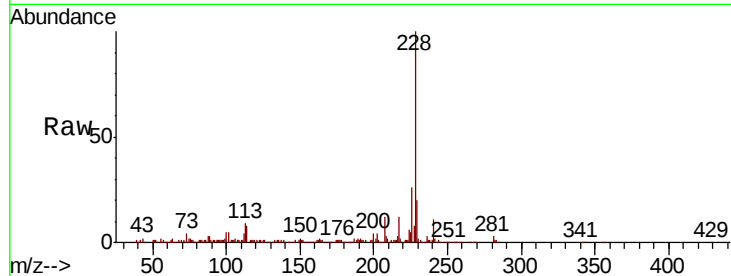
#83
Benzo(a)anthracene
Concen: 16.193 ng/ul
RT: 21.75 min Scan# 3190
Delta R.T. -0.01 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Instrument :
BNA_M
ClientSampleId :
C0AW8

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	26.1	21.2	31.8

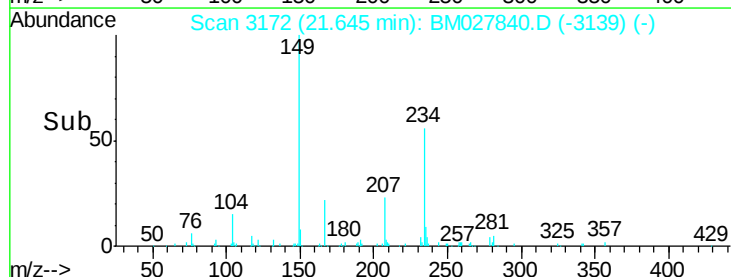
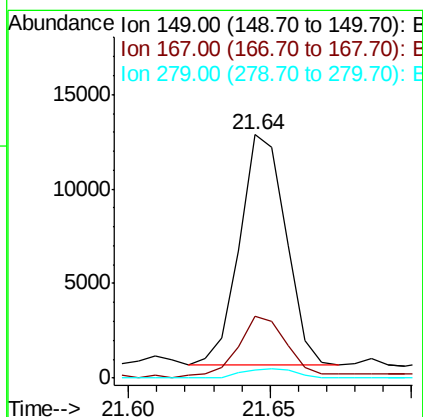
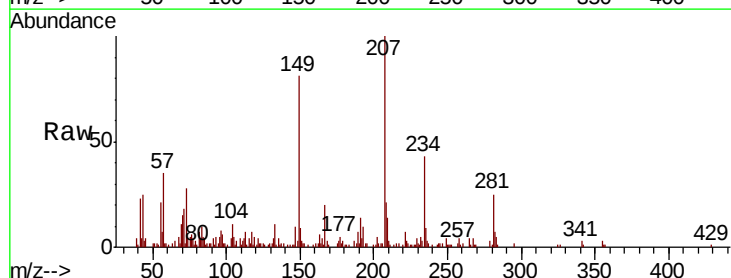
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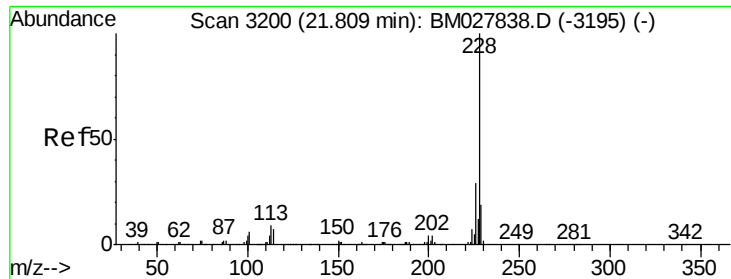
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.009 ng/ul
RT: 21.64 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.6	31.0
279	3.6	3.2	4.8





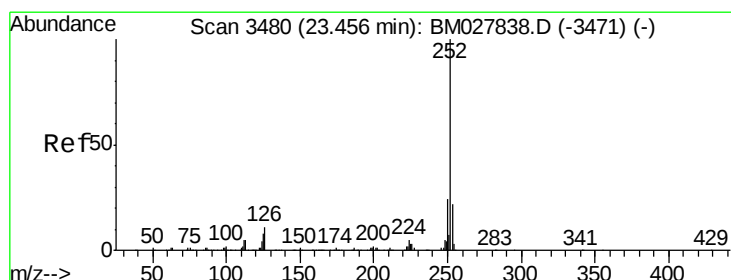
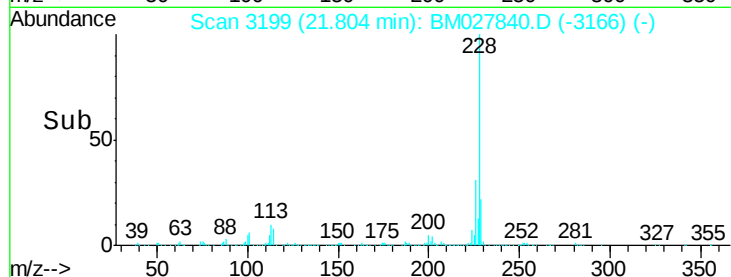
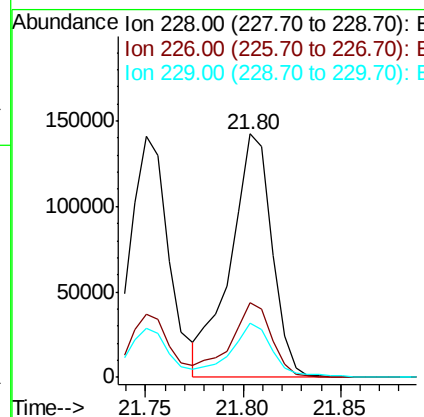
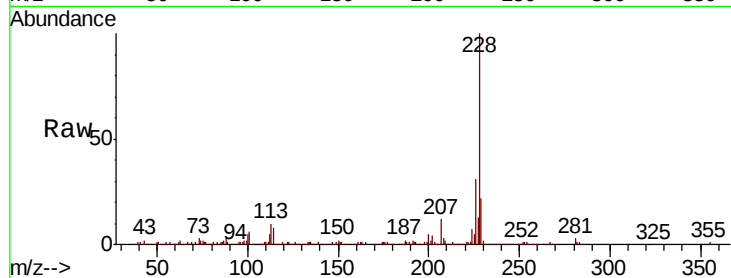
#85
Chrysene
Concen: 17.859 ng/ul
RT: 21.80 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Instrument :
BNA_M
ClientSampleId :
C0AW8

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.2	34.8
229	22.0	15.5	23.3

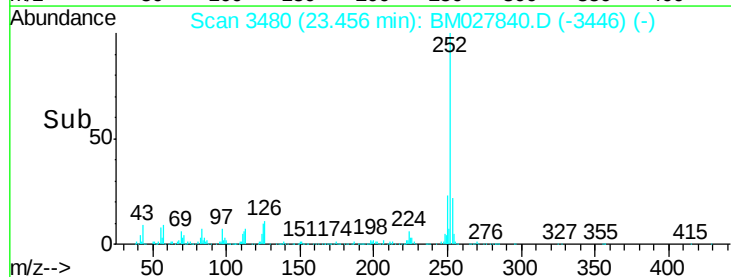
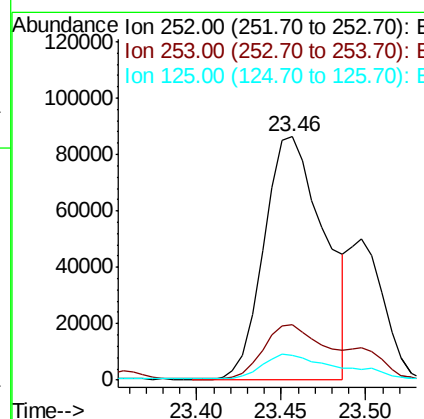
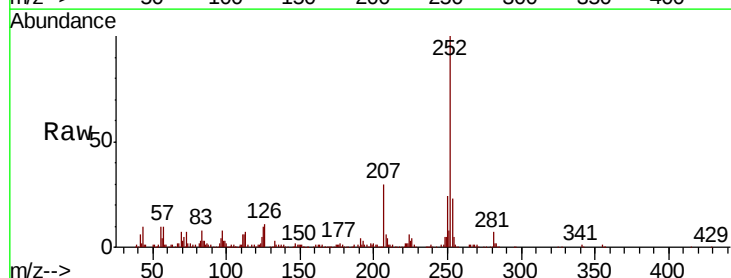
Manual Integrations
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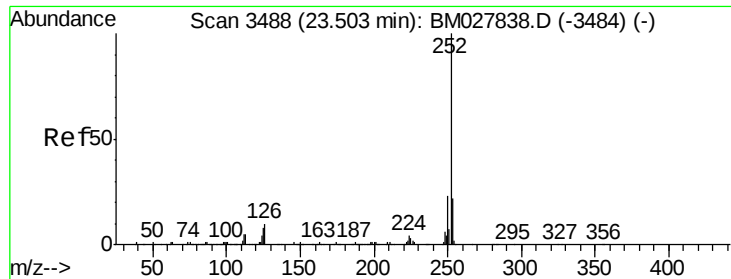
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#88
Benzo(b)fluoranthene
Concen: 22.249 ng/ul
RT: 23.46 min Scan# 3480
Delta R.T. 0.00 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.7	25.1
125	10.4	6.1	9.1





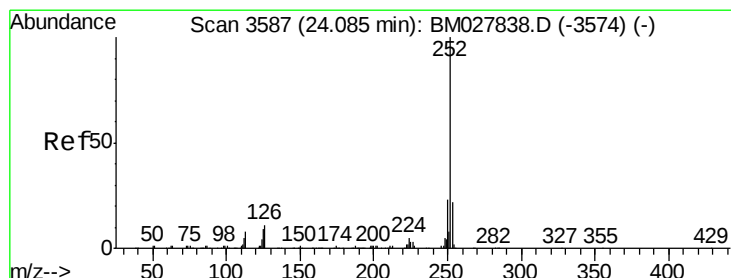
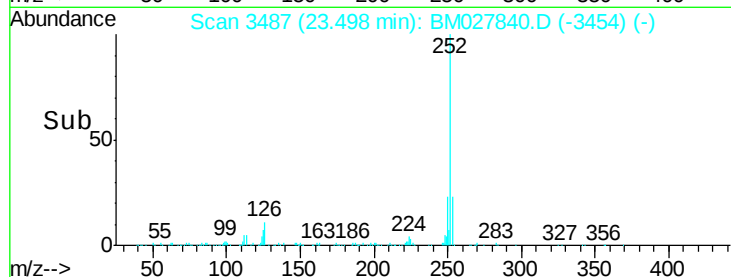
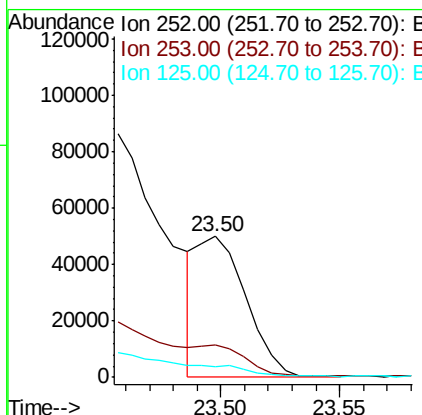
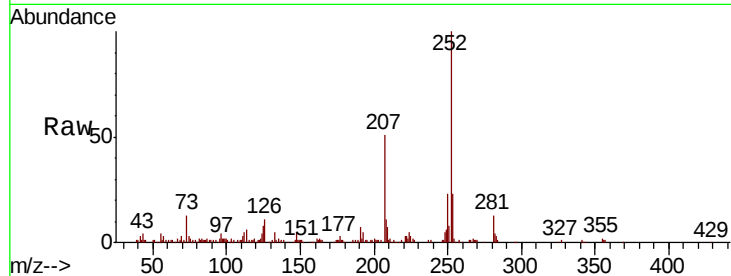
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Benzo(k)fluoranthene
Concen: 7.669 ng/ul m
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Instrument :
BNA_M
ClientSampleId :
C0AW8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.9	25.3
125	7.8	6.0	9.0

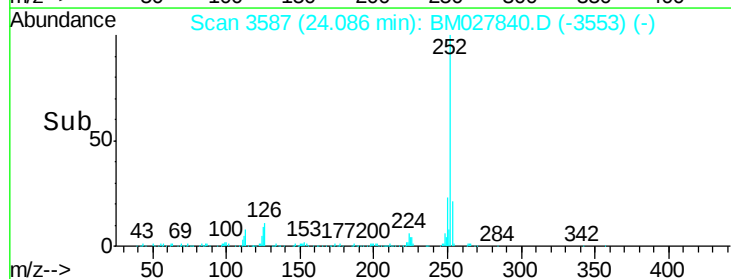
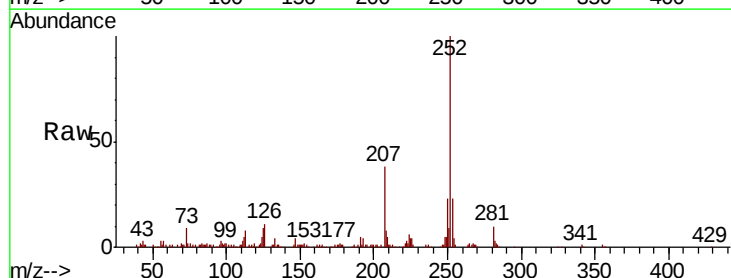
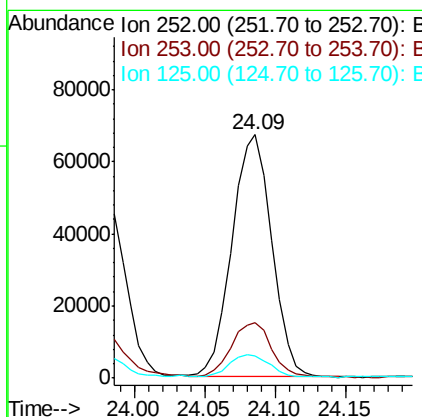
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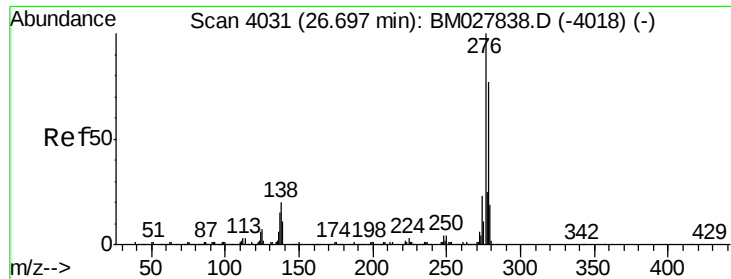
mohammad
11/20/2020 11:31:57 AM



#91
Benzo(a)pyrene
Concen: 15.539 ng/ul
RT: 24.09 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BM027840.D
Acq: 19 Nov 2020 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.3	6.5	9.7





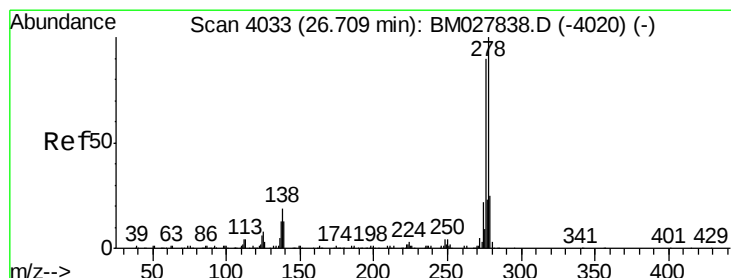
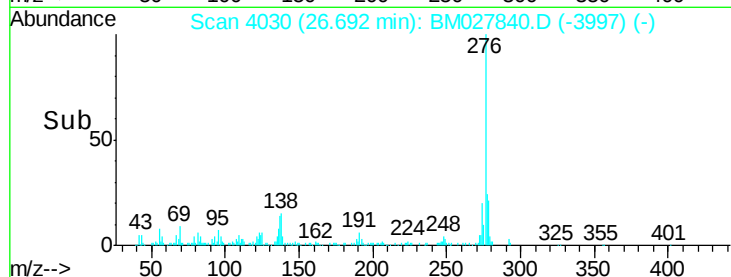
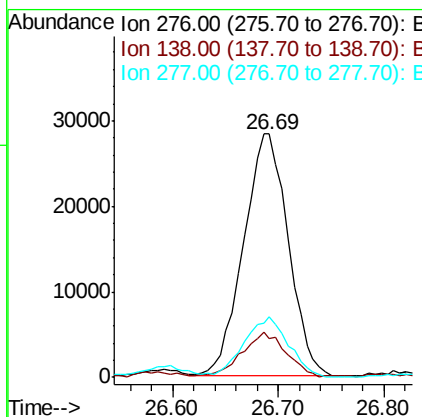
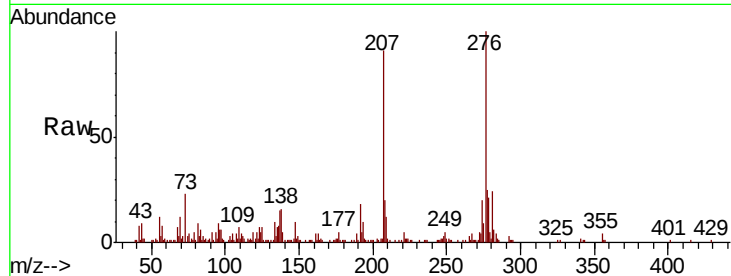
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.386 ng/ul
 RT: 26.69 min Scan# 4030
 Delta R.T. -0.01 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Instrument :
 BNA_M
 ClientSampleId :
 C0AW8

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.5	23.3
277	24.7	20.0	30.0

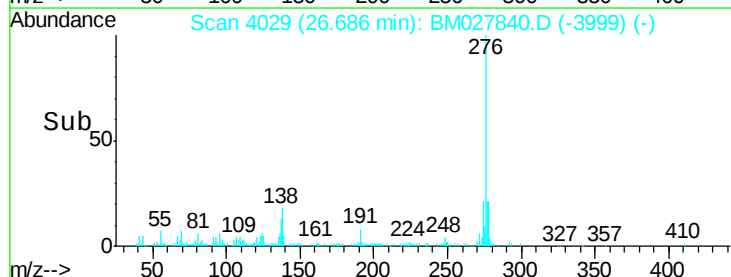
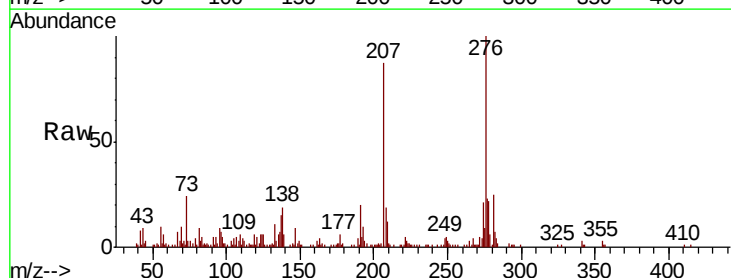
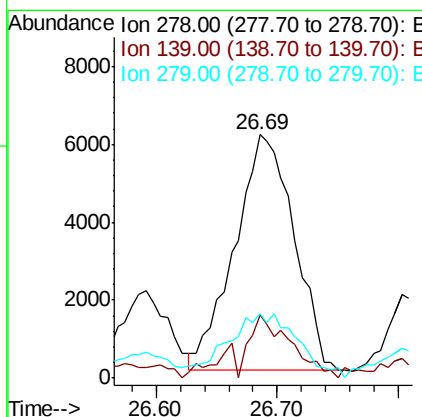
Manual Integrations
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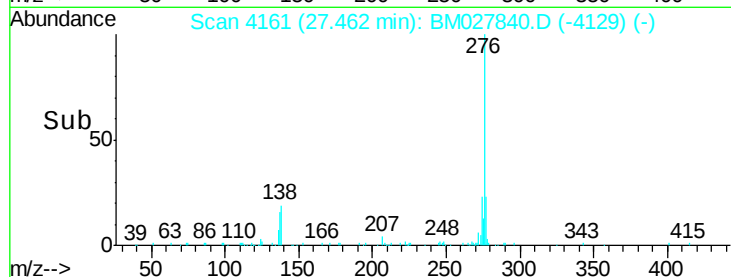
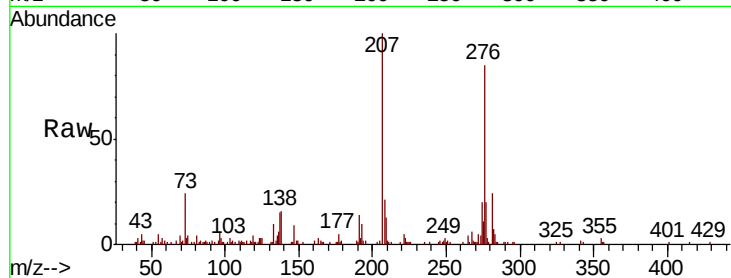
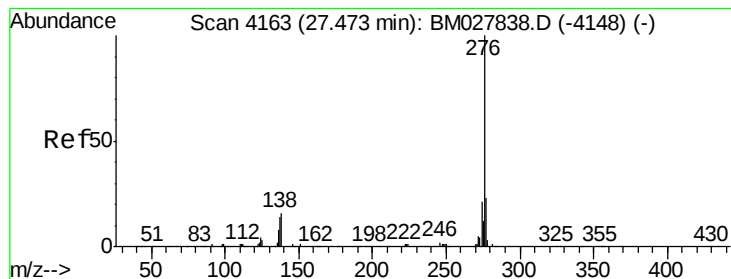
mohammad
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#93
 Dibenzo(a,h)anthracene
 Concen: 2.503 ng/ul
 RT: 26.69 min Scan# 4029
 Delta R.T. -0.02 min
 Lab File: BM027840.D
 Acq: 19 Nov 2020 12:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	9.5	14.3#
279	26.5	18.3	27.5





#94

Benzo(a,h,i)perylene

Concen: 8.803 ng/ul

RT: 27.46 min Scan# 4161

Delta R.T. -0.01 min

Lab File: BM027840.D

Acq: 19 Nov 2020 12:35

Tot Ion:	276	Resp:	73035
Ion Ratio	Lower	Upper	
276	100		
138	19.5	11.0	16.6#
277	23.4	19.0	28.4

Instrument :

BNA_M

ClientSampleId :

C0AW8

Manual Integrations
APPROVED

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