

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
 Data File : BM027841.D
 Acq On : 19 Nov 2020 13:11
 Operator : JU/CG
 Sample : L4710-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AX2

Manual Integrations
 APPROVED

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 11/20/2020 11:32:00 AM

Quant Time: Nov 19 13:48:12 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	49498	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	214700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.95	164	133961	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.67	188	276529	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	200495	20.00	ng/ul	0.00
86) Perylene-d12	24.19	264	156869	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	2350	1.81	ng/uL	0.00
5) Phenol-d5	7.46	99	62836	13.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	44882	15.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	49213	14.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	49264	13.50	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	25419	14.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	25362	13.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	51768	13.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	41565	10.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.35	166	158332	14.90	ng/ul	0.00
47) Acenaphthylene-d8	14.65	160	214739	16.04	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	15889	8.42	ng/ul	0.00
58) Fluorene-d10	15.93	176	145625	15.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.03	200	16289	9.69	ng/ul	0.00
71) Anthracene-d10	17.76	188	216758	15.54	ng/ul	0.00
79) Pyrene-d10	20.02	212	220789	17.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.04	264	136812	15.54	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.39	163	65954	6.078	ng/ul 99
50) Acenaphthene	15.01	153	15243	1.649	ng/ul 98
59) Fluorene	15.98	166	14114	1.360	ng/ul# 99
70) Phenanthrene	17.71	178	473518	29.063	ng/ul 100
72) Anthracene	17.80	178	57466	3.468	ng/ul 99
75) Carbazole	18.05	167	44030	3.167	ng/ul 99
77) Fluoranthene	19.69	202	912475	50.576	ng/ul 96
80) Pyrene	20.04	202	729737	45.378	ng/ul 97
81) Butylbenzylphthalate	20.89	149	24898	4.043	ng/ul 98
83) Benzo(a)anthracene	21.76	228	279588	19.683	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.65	149	40347	4.975	ng/ul 99
85) Chrysene	21.81	228	311627	22.645	ng/ul 98
88) Benzo(b)fluoranthene	23.46	252	318870	28.861	ng/ul# 96
89) Benzo(k)fluoranthene	23.50	252	121798m	11.441	ng/ul
91) Benzo(a)pyrene	24.09	252	204897	20.932	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.69	276	136749	12.064	ng/ul 99
93) Dibenzo(a,h)anthracene	26.69	278	34292m	3.626	ng/ul
94) Benzo(g,h,i)perylene	27.47	276	128263	13.484	ng/ul# 95

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

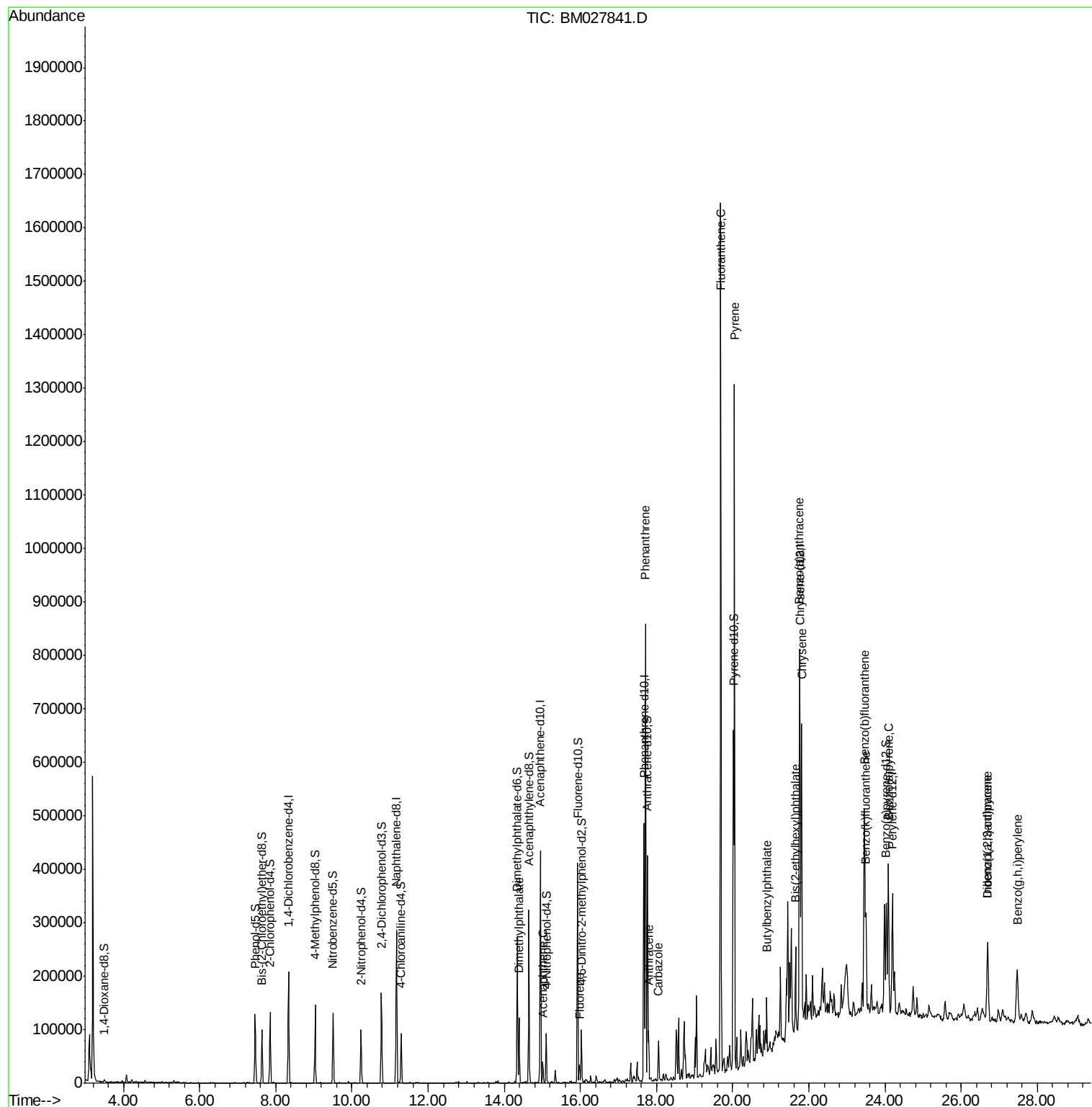
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

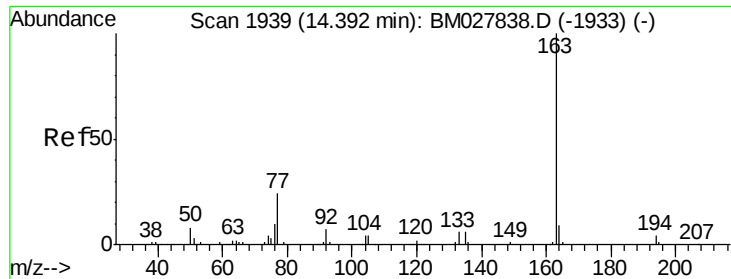
Instrument :
BNA_M
ClientSampleId :
C0AX2

Quant Time: Nov 19 13:48:12 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

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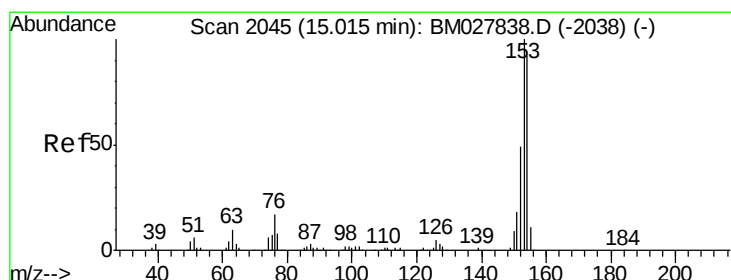
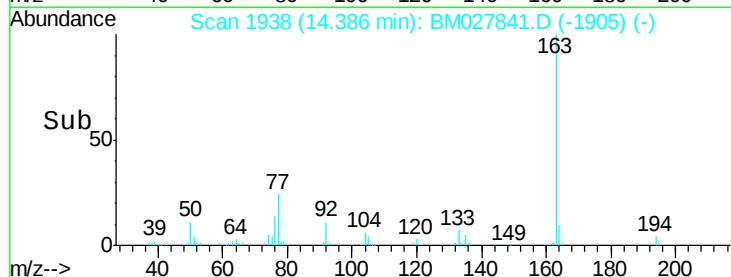
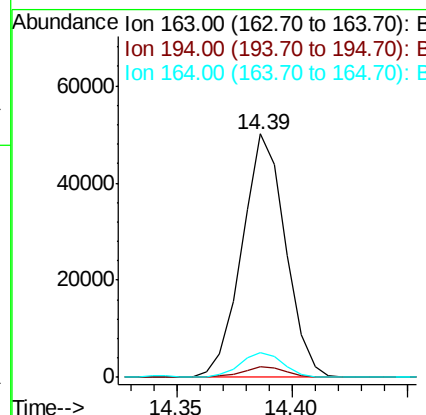
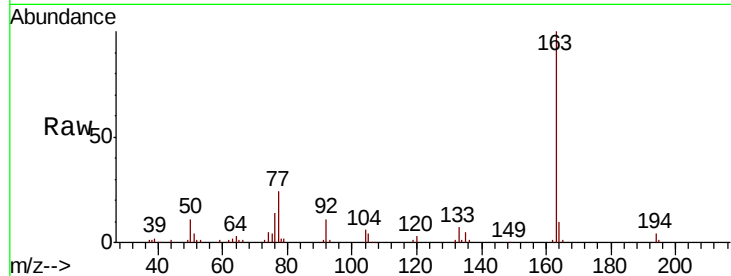
#45
Dimethylphthalate
Concen: 6.078 ng/ul
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Instrument :
BNA_M
ClientSampleId :
C0AX2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	8.3	12.5

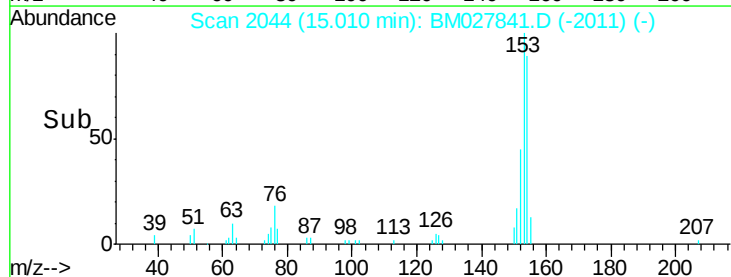
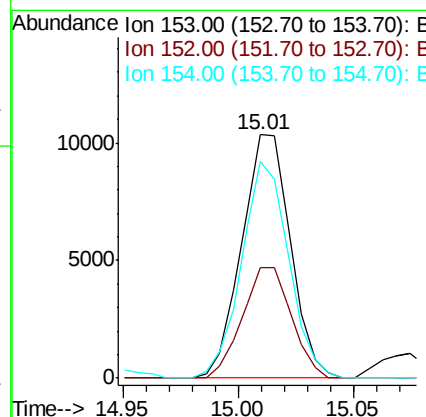
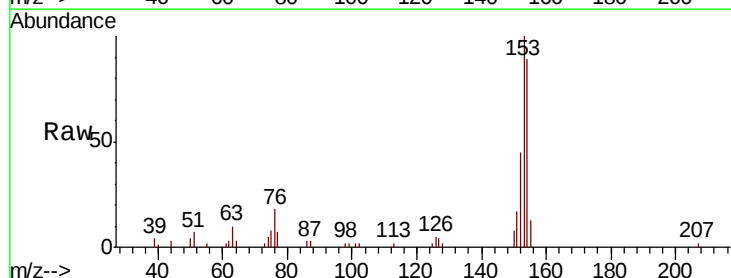
Manual Integrations
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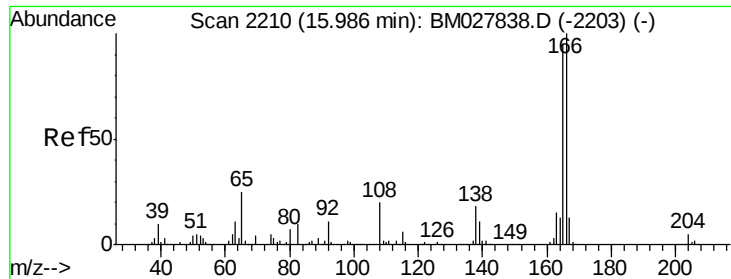
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#50
Acenaphthene
Concen: 1.649 ng/ul
RT: 15.01 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.4	38.1	57.1
154	88.9	72.5	108.7





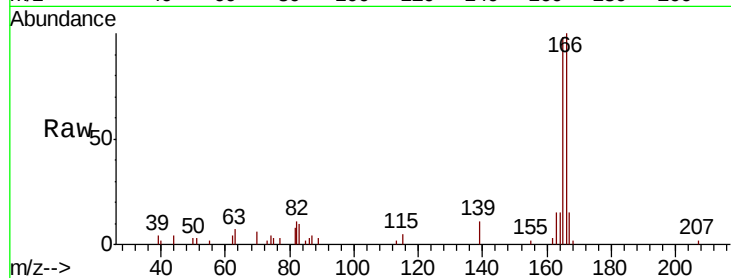
#59
Fluorene
 Concen: 1.360 ng/ul
 RT: 15.98 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BM027841.D
 Acq: 19 Nov 2020 13:11

Instrument :
 BNA_M
 ClientSampleId :
 C0AX2

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	118.0
167	15.4	10.2	15.4

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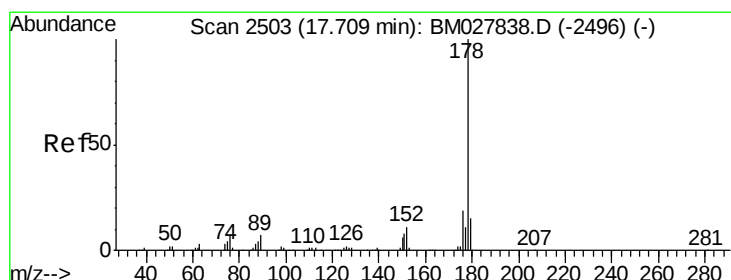
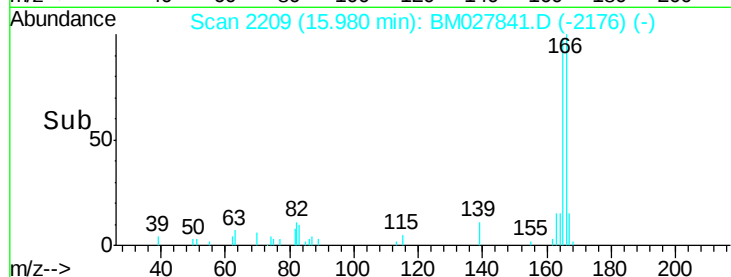
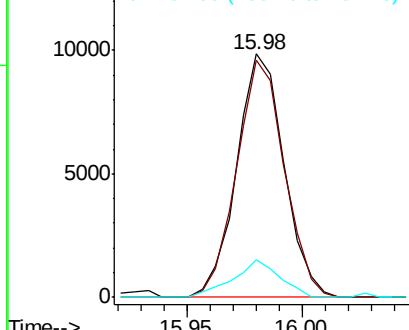


Abundance

Ion 166.00 (165.70 to 166.70): E

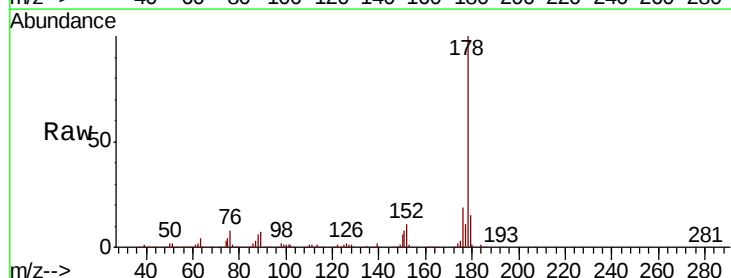
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70
Phenanthrene
 Concen: 29.063 ng/ul
 RT: 17.71 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BM027841.D
 Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.1	15.1	22.7

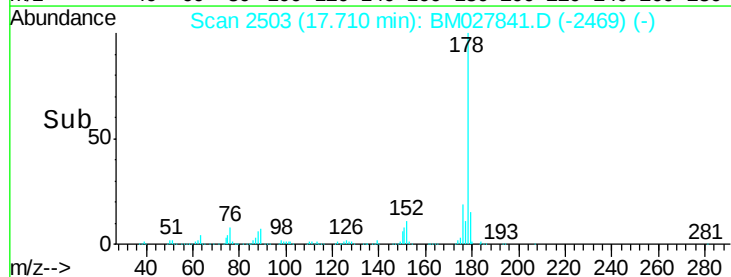
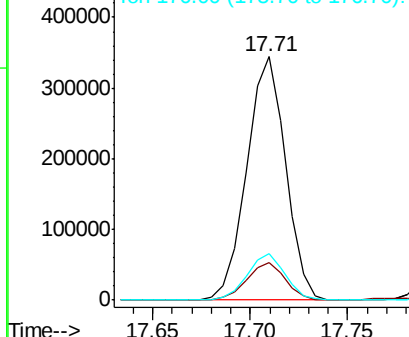


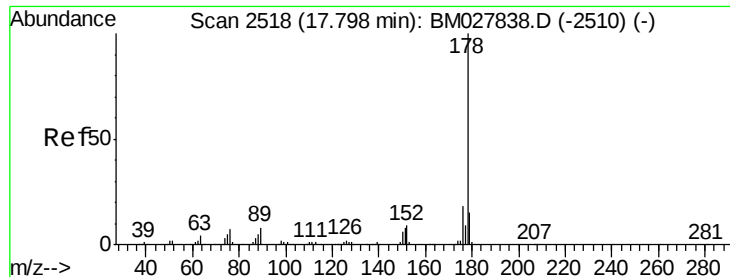
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.468 ng/ul

RT: 17.80 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BM027841.D

Acq: 19 Nov 2020 13:11

Instrument :

BNA_M

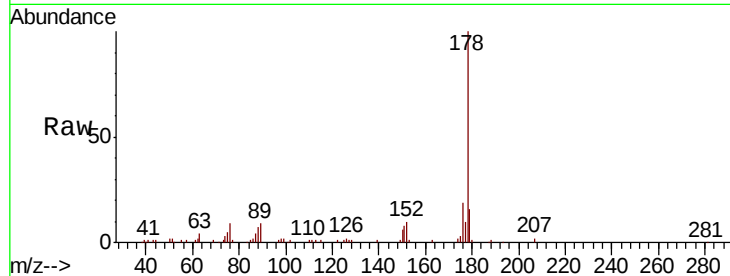
ClientSampleId :

C0AX2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	18.6	14.7	22.1

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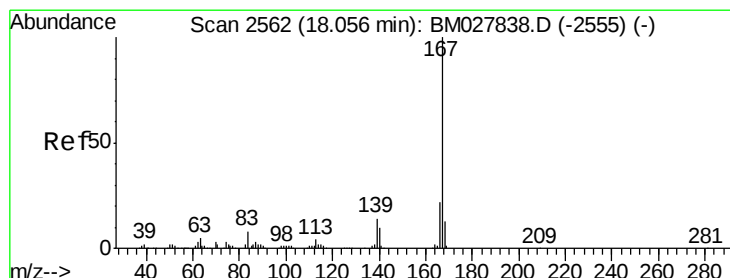
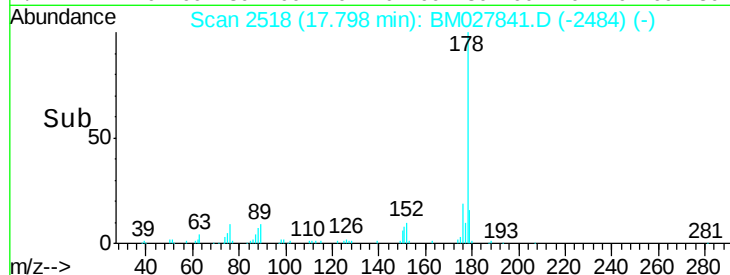
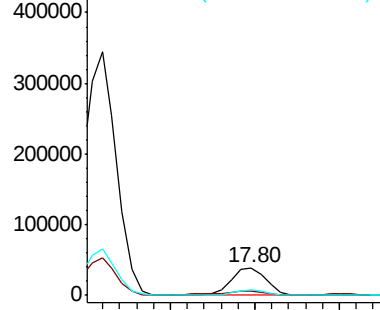


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 3.167 ng/ul

RT: 18.05 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BM027841.D

Acq: 19 Nov 2020 13:11

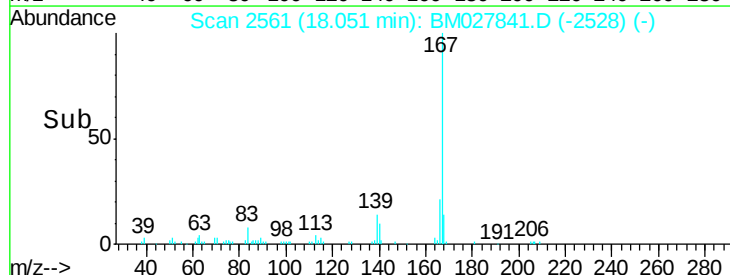
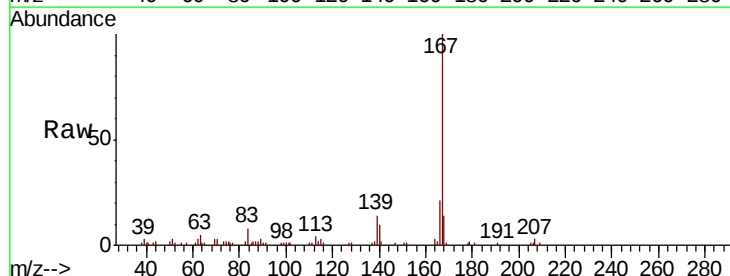
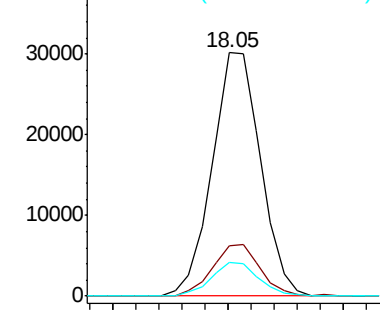
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.5	24.7
139	14.0	10.7	16.1

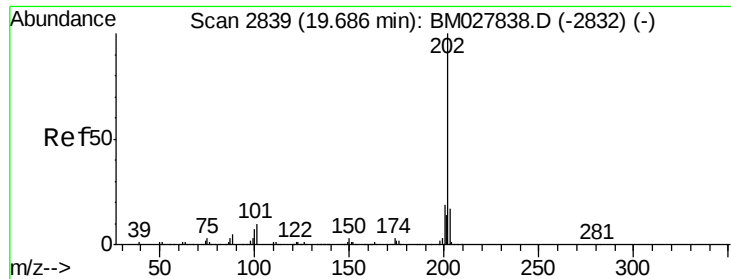
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





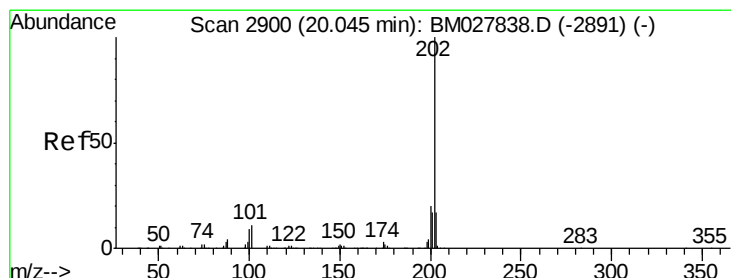
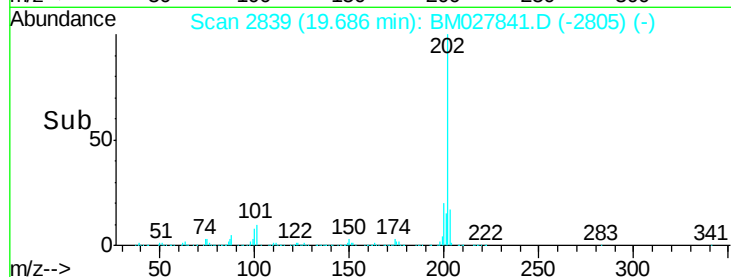
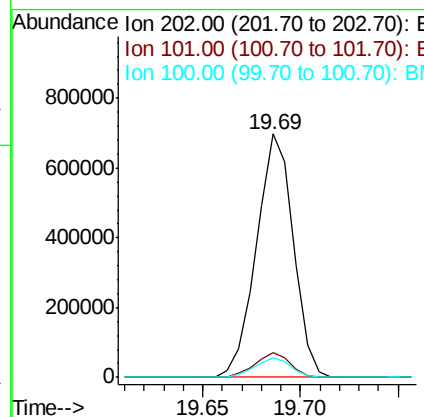
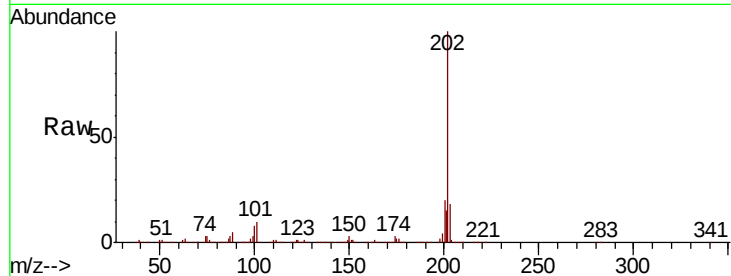
#77
Fluoranthene
 Concen: 50.576 ng/ul
 RT: 19.69 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BM027841.D
 Acq: 19 Nov 2020 13:11

Instrument :
 BNA_M
 ClientSampleId :
 C0AX2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	912475		
101	10.1		6.9	10.3
100	7.9		5.3	7.9

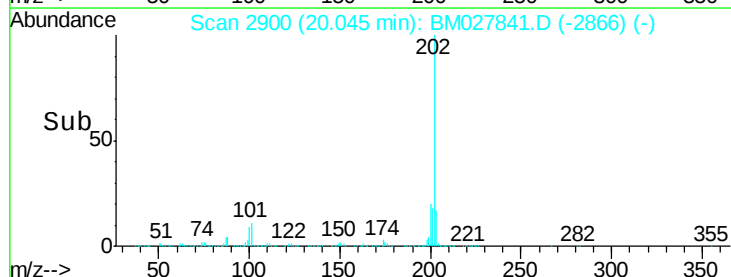
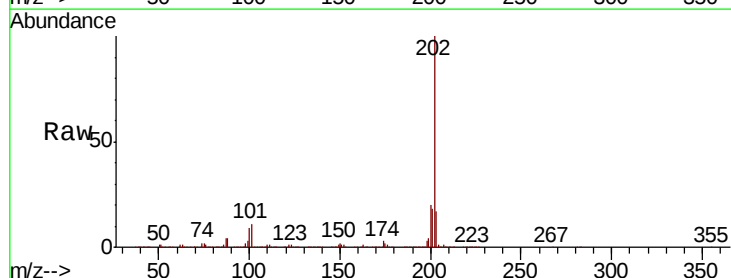
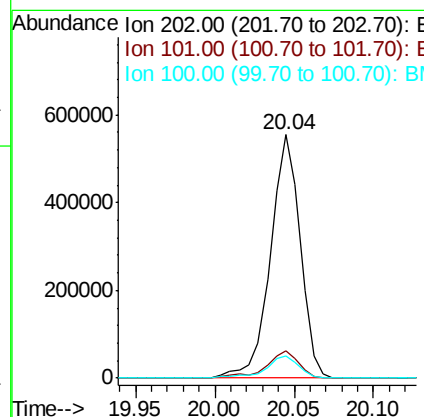
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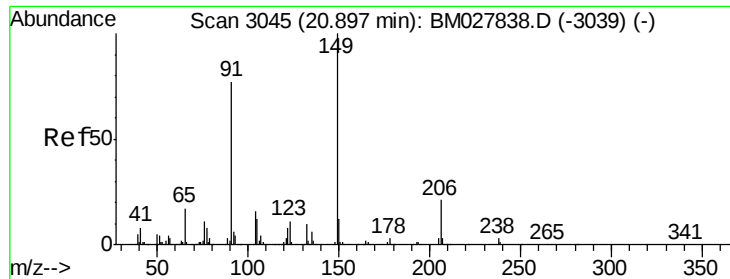
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#80
Pyrene
 Concen: 45.378 ng/ul
 RT: 20.04 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BM027841.D
 Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	729737		
101	11.2		8.1	12.1
100	9.3		6.7	10.1





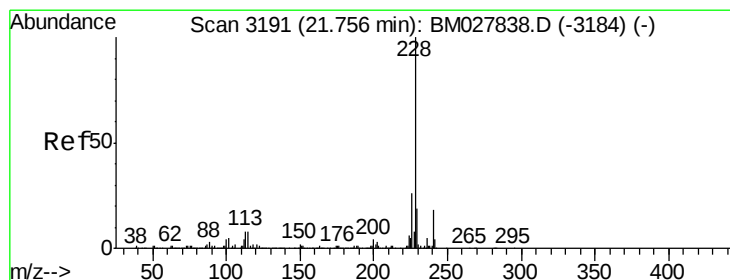
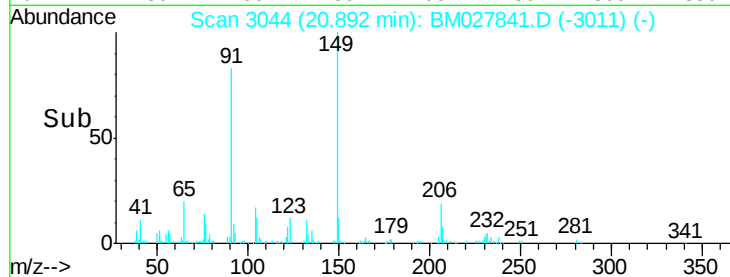
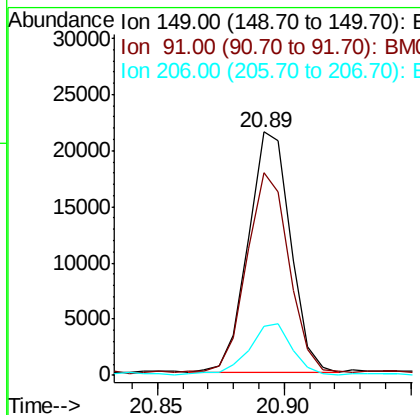
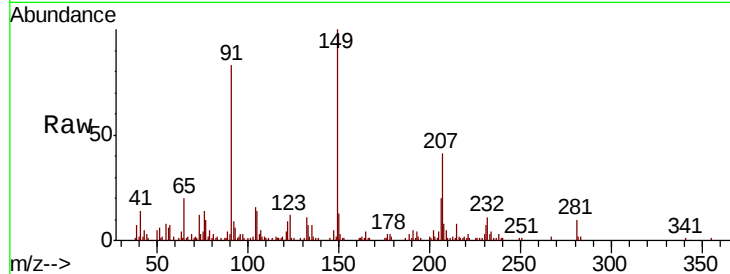
#81
Butylbenzylphthalate
Concen: 4.043 ng/ul
RT: 20.89 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Instrument :
BNA_M
ClientSampleId :
C0AX2

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.1	64.5	96.7
206	19.9	15.6	23.4

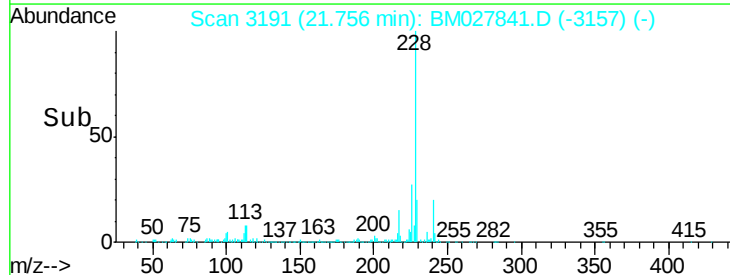
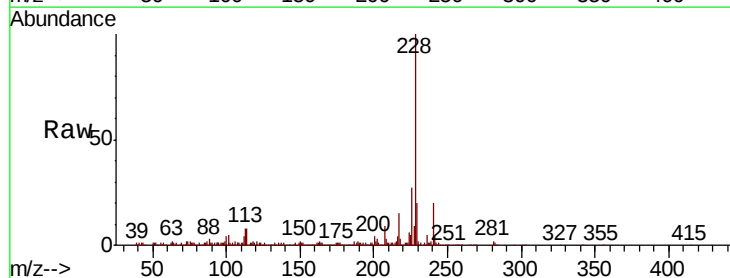
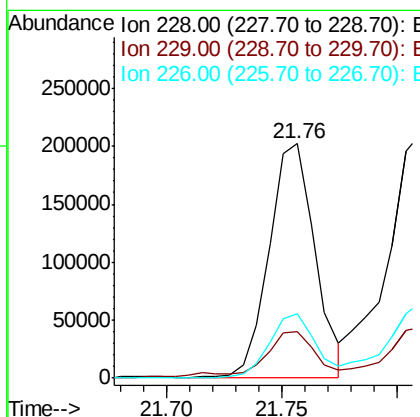
Manual Integrations
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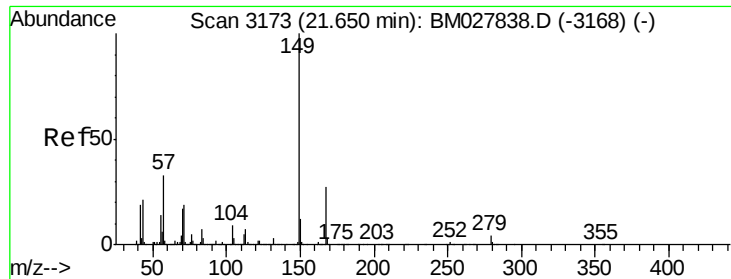
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#83
Benzo(a)anthracene
Concen: 19.683 ng/ul
RT: 21.76 min Scan# 3191
Delta R.T. 0.00 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	27.4	21.2	31.8





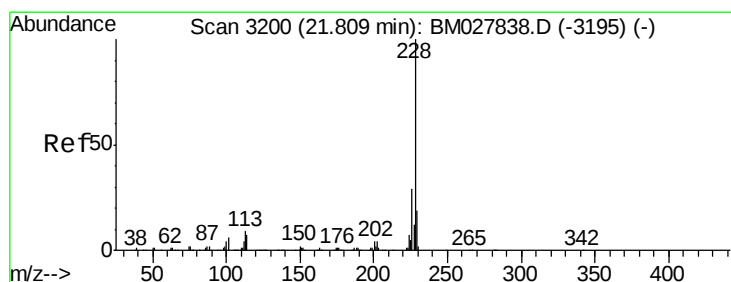
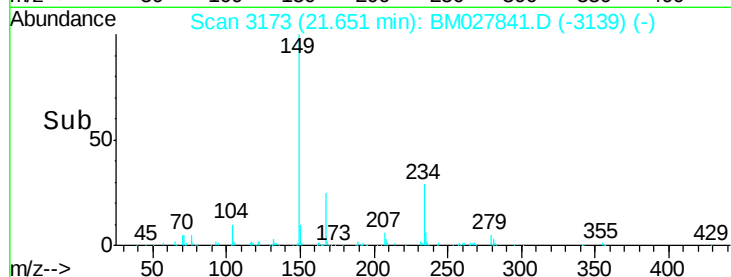
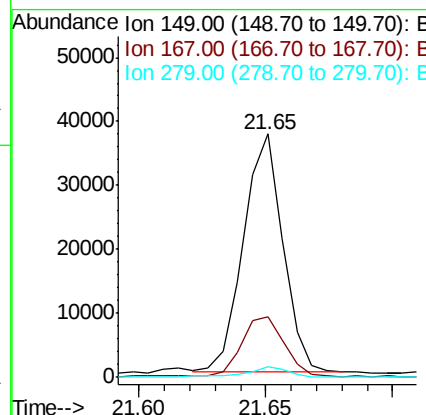
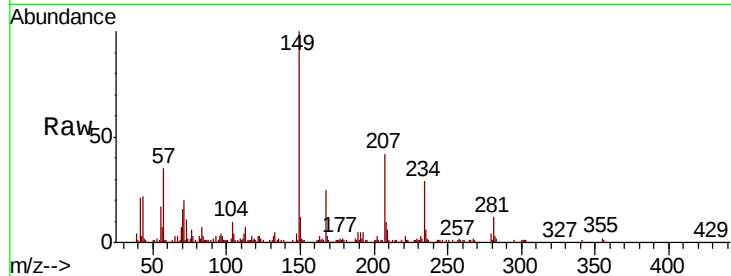
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.975 ng/ul
 RT: 21.65 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BM027841.D
 Acq: 19 Nov 2020 13:11

Instrument :
 BNA_M
 ClientSampleID :
 C0AX2

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.6	31.0
279	4.5	3.2	4.8

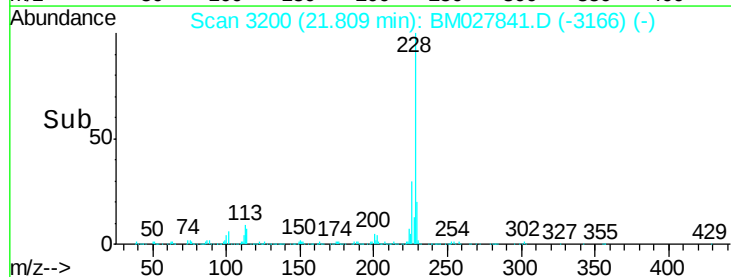
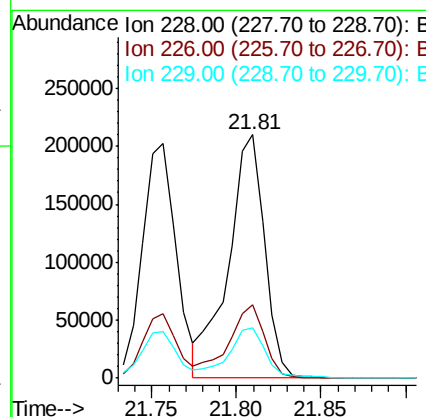
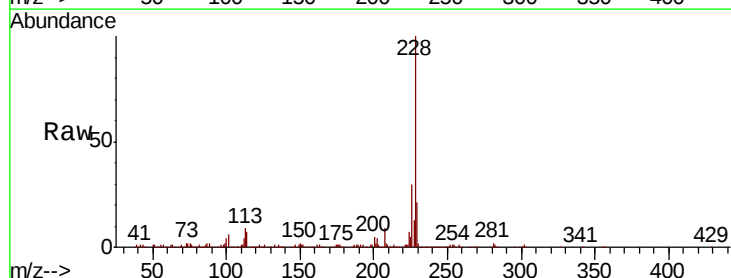
Manual Integrations
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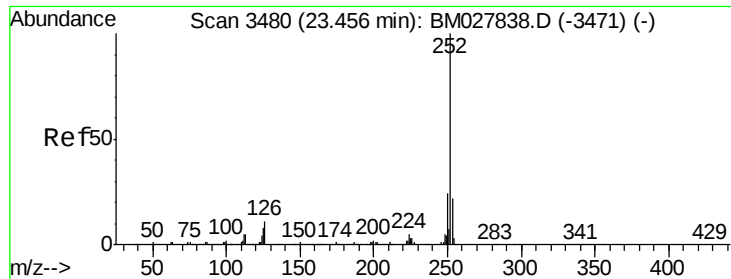
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#85
 Chrysene
 Concen: 22.645 ng/ul
 RT: 21.81 min Scan# 3200
 Delta R.T. 0.00 min
 Lab File: BM027841.D
 Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	20.6	15.5	23.3





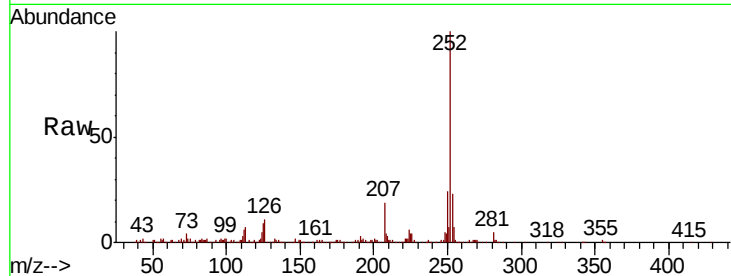
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Benzo(b)fluoranthene
Concen: 28.861 ng/ul
RT: 23.46 min Scan# 3480
Delta R.T. 0.00 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Instrument :
BNA_M
ClientSampled :
C0AX2

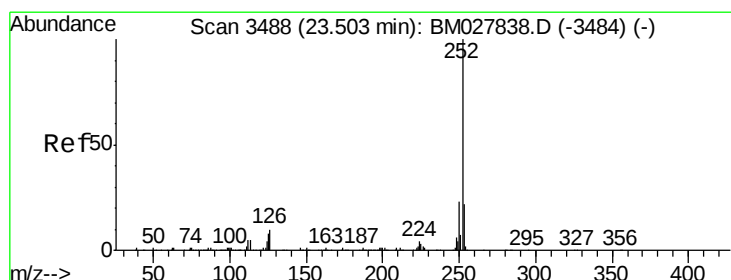
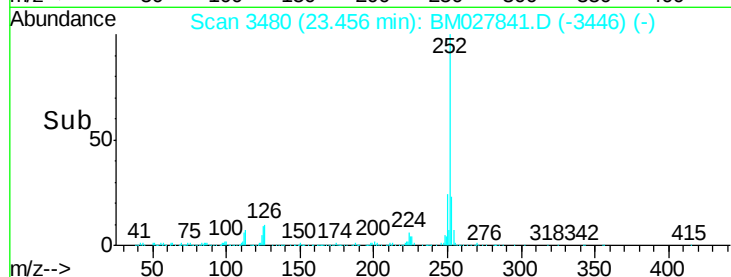
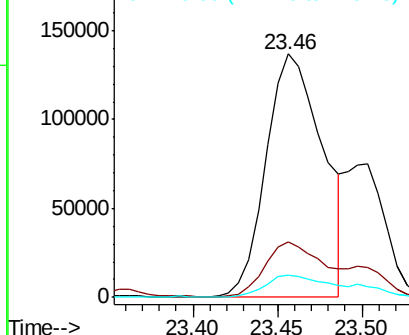
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.7	25.1
125	9.2	6.1	9.1

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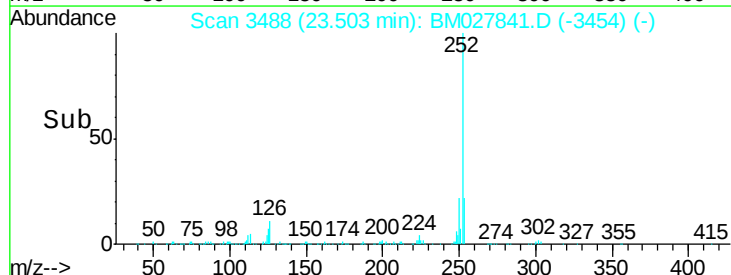
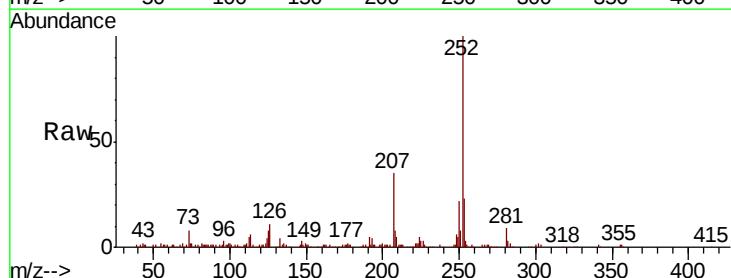
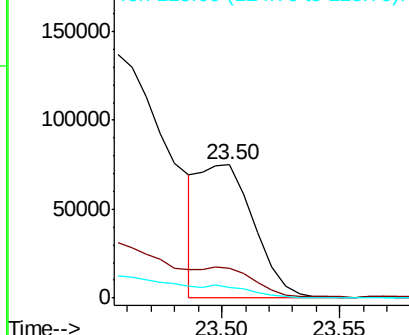
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

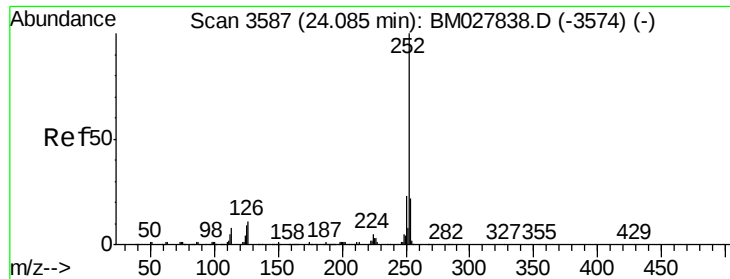


#89
Benzo(k)fluoranthene
Concen: 11.441 ng/ul m
RT: 23.50 min Scan# 3488
Delta R.T. 0.00 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.9	25.3
125	7.9	6.0	9.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





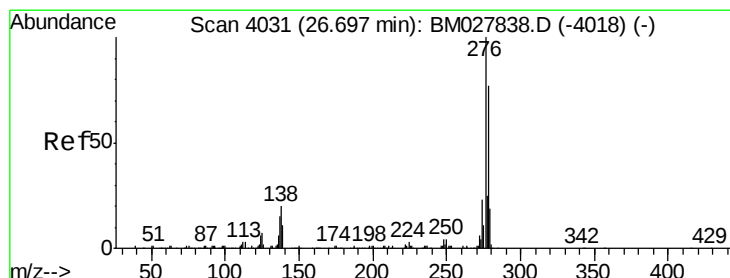
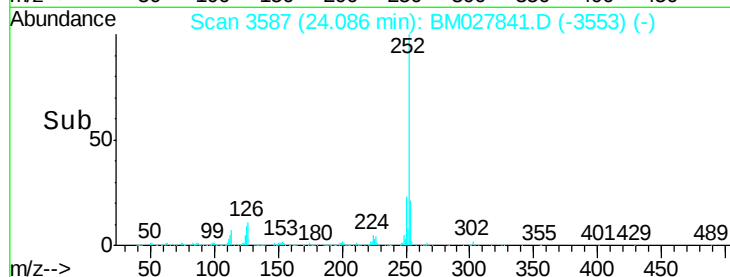
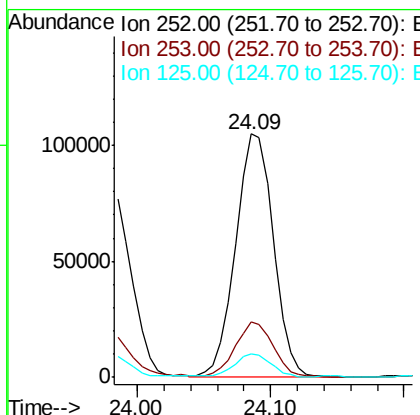
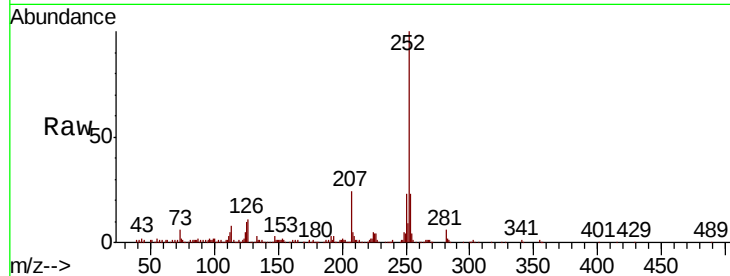
#91
Benzo(a)pyrene
Concen: 20.932 ng/ul
RT: 24.09 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Instrument :
BNA_M
ClientSampled :
C0AX2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.7	6.5	9.7

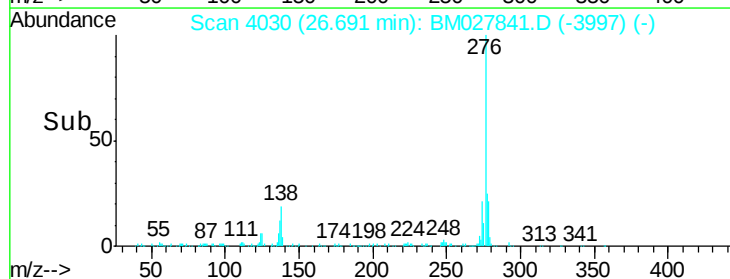
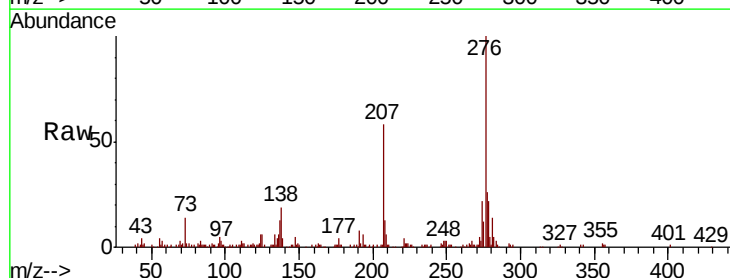
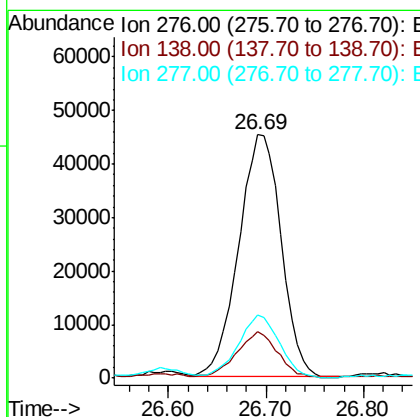
Manual Integrations
APPROVED

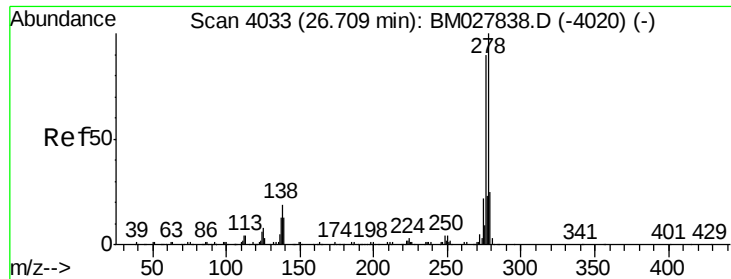
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#92
Indeno(1,2,3-cd)pyrene
Concen: 12.064 ng/ul
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.5	23.3
277	25.8	20.0	30.0





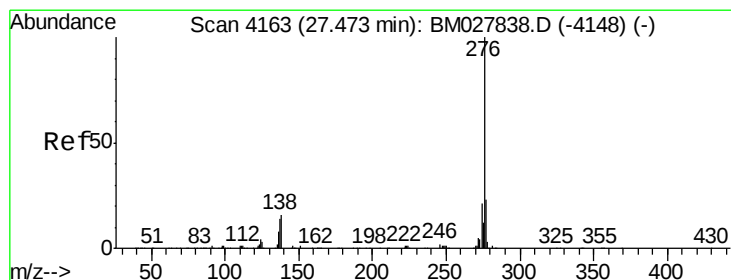
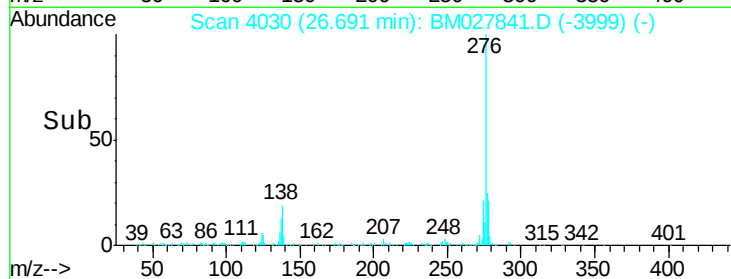
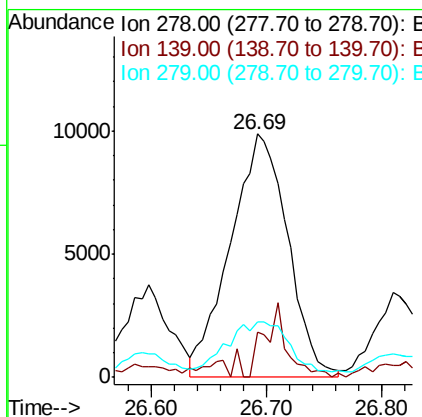
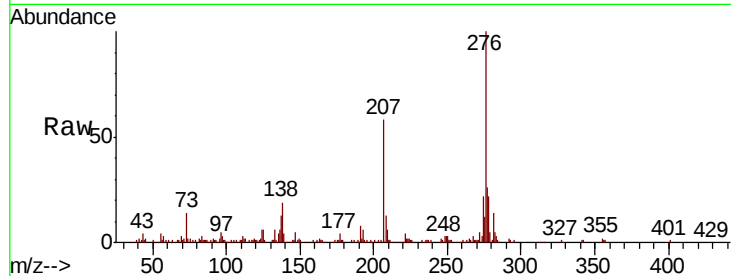
#93
Dibenzo(a,h)anthracene
Concen: 3.626 ng/ul m
RT: 26.69 min Scan# 4030
Delta R.T. -0.02 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Instrument :
BNA_M
ClientSampleId :
C0AX2

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	9.5	14.3#
279	22.6	18.3	27.5

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 13.484 ng/ul
RT: 27.47 min Scan# 4163
Delta R.T. 0.00 min
Lab File: BM027841.D
Acq: 19 Nov 2020 13:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	11.0	16.6#
277	23.5	19.0	28.4

