

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029426.D
 Acq On : 09 Apr 2021 11:30
 Operator : CG/JU
 Sample : M1881-10 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQG7

Manual Integrations
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mohammad
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Quant Time: Apr 09 12:03:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 11:03:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	79387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	315471	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	182000	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	359546	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	358222	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	373439	20.00	ng/ul	0.00

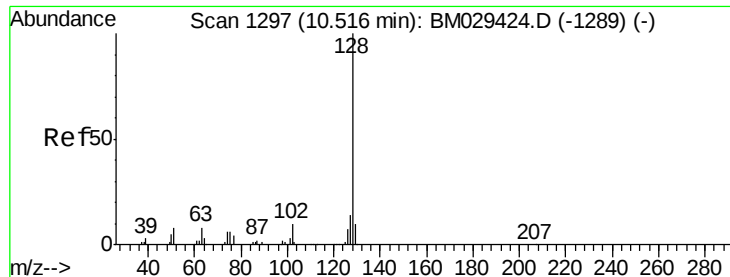
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	1081	0.52	ng/uL	0.02
5) Phenol-d5	6.86	99	19425	2.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	14031	3.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	15736	3.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	14775	2.88	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	6284	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	5844	2.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	13343	2.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	16430	2.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	53439	4.10	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	59844	3.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	2932	1.23	ng/ul	0.00
58) Fluorene-d10	15.32	176	46011	4.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	3082	1.51	ng/ul	0.00
71) Anthracene-d10	17.16	188	73277	4.48	ng/ul	0.00
79) Pyrene-d10	19.46	212	81588	4.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	85000	4.46	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.52	128	41058	2.496	ng/ul 97
34) 2-Methylnaphthalene	12.13	142	54776	4.828	ng/ul 99
48) Acenaphthylene	14.04	152	21109	1.312	ng/ul# 84
50) Acenaphthene	14.39	153	131547	10.979	ng/ul 98
54) Dibenzofuran	14.72	168	66218	4.045	ng/ul 97
59) Fluorene	15.37	166	252025	18.305	ng/ul 99
70) Phenanthrene	17.11	178	2653931	128.212	ng/ul 100
72) Anthracene	17.20	178	670080	31.543	ng/ul 100
75) Carbazole	17.46	167	59419	3.089	ng/ul 97
77) Fluoranthene	19.13	202	2448547	104.505	ng/ul 98
80) Pyrene	19.49	202	2794260	117.786	ng/ul 99
83) Benzo(a)anthracene	21.23	228	1070029	47.374	ng/ul 99
85) Chrysene	21.28	228	919896	41.652	ng/ul 98
88) Benzo(b)fluoranthene	22.79	252	975131	40.563	ng/ul 98
89) Benzo(k)fluoranthene	22.83	252	301217m	12.761	ng/ul
91) Benzo(a)pyrene	23.36	252	857728	40.218	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.67	276	445954	15.977	ng/ul 97
93) Dibenzo(a,h)anthracene	25.67	278	120336	5.131	ng/ul# 77
94) Benzo(g,h,i)perylene	26.35	276	395109	17.429	ng/ul 98

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



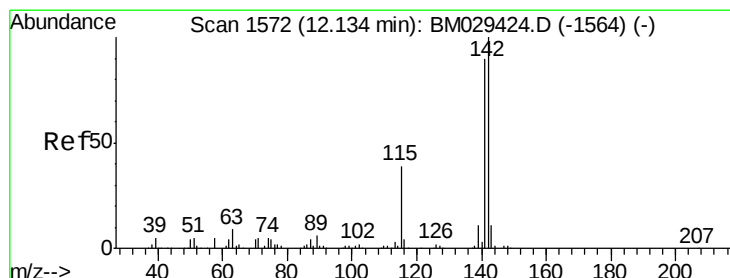
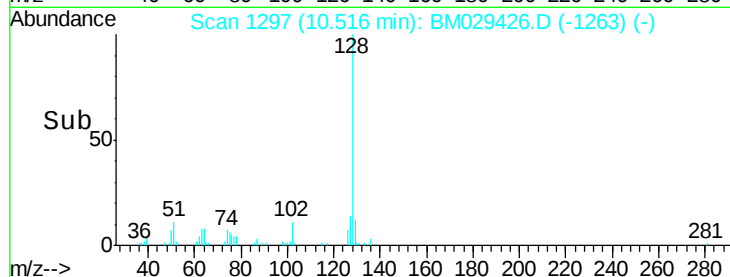
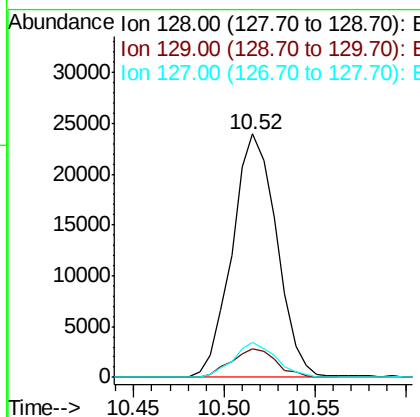
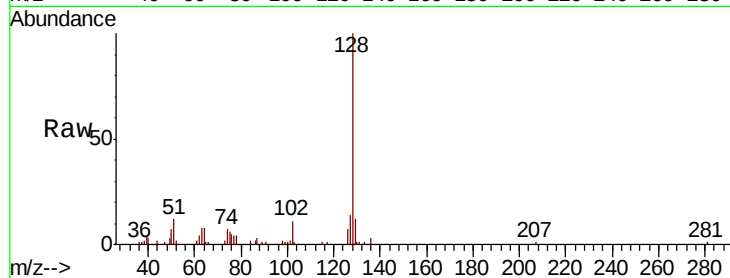
#28
Naphthalene
Concen: 2.496 ng/ul
RT: 10.52 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampleId :
ESQG7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	14.2	10.2	15.4

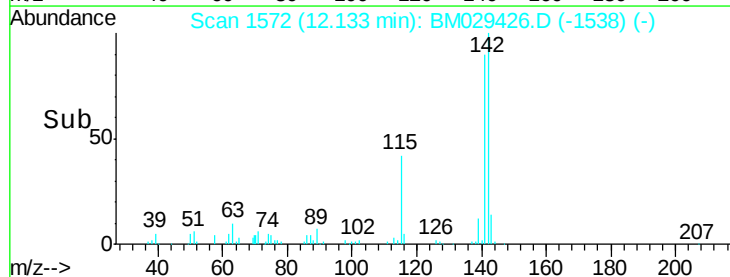
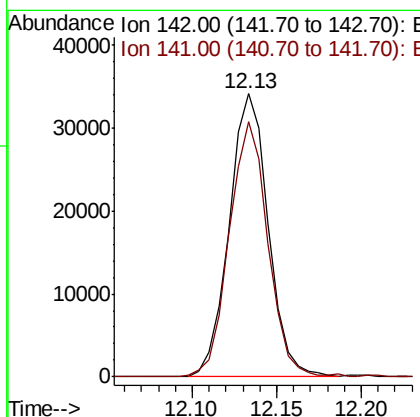
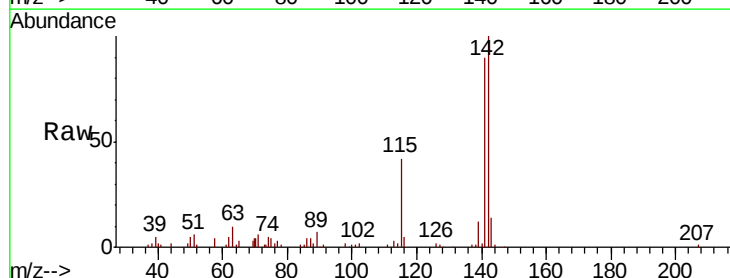
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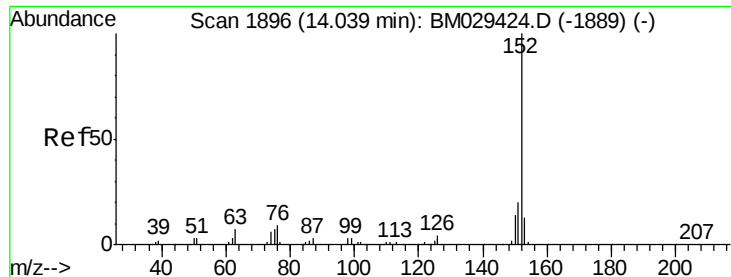
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#34
2-Methylnaphthalene
Concen: 4.828 ng/ul
RT: 12.13 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.9	109.3





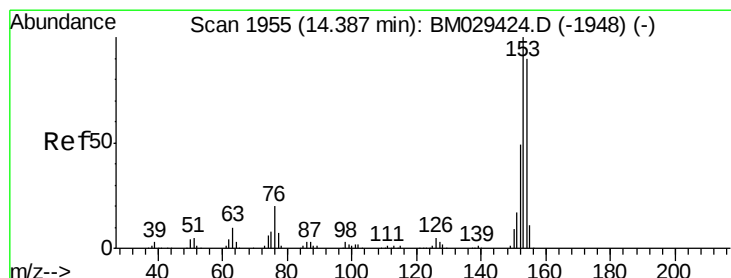
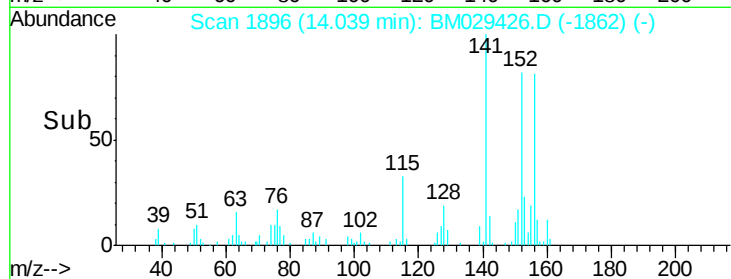
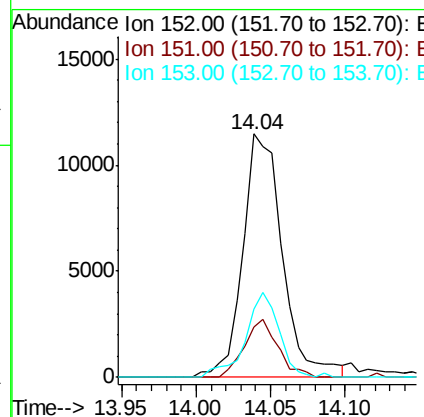
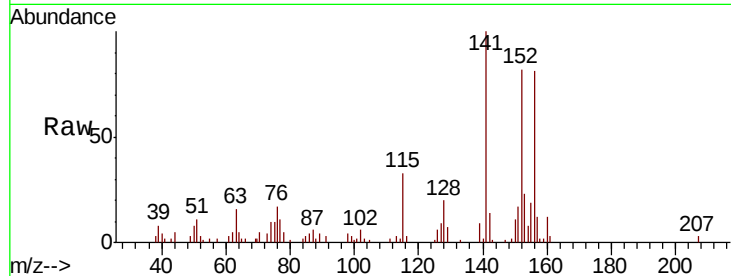
#48
Acenaphthylene
Concen: 1.312 ng/ul
RT: 14.04 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampled :
ESQG7

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	27.9	10.6	16.0

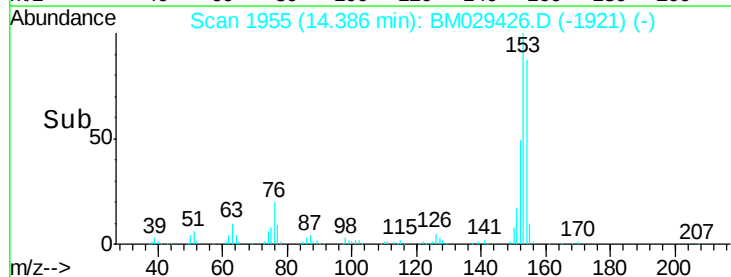
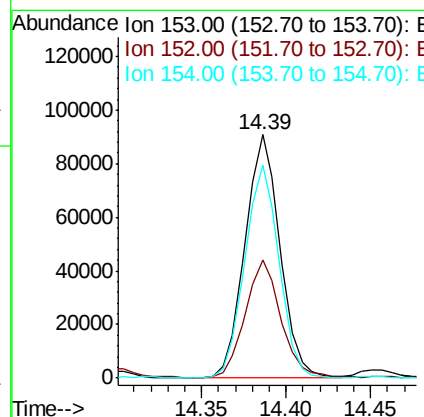
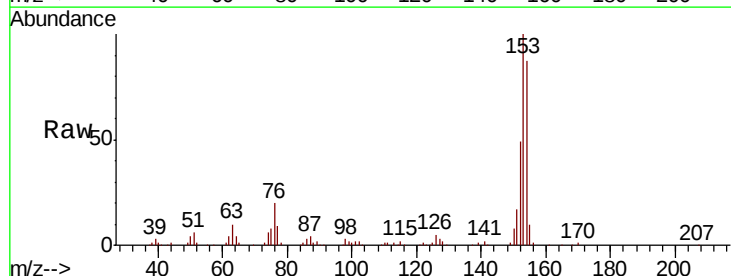
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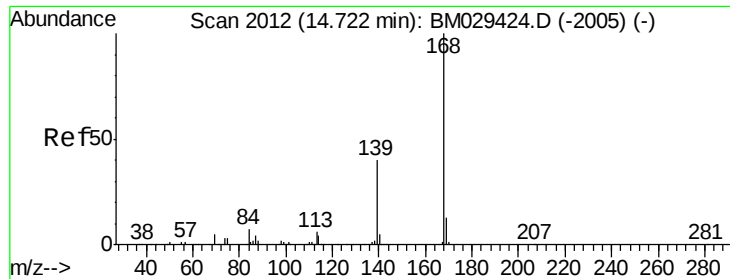
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#50
Acenaphthene
Concen: 10.979 ng/ul
RT: 14.39 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.0	55.4
154	87.3	68.7	103.1





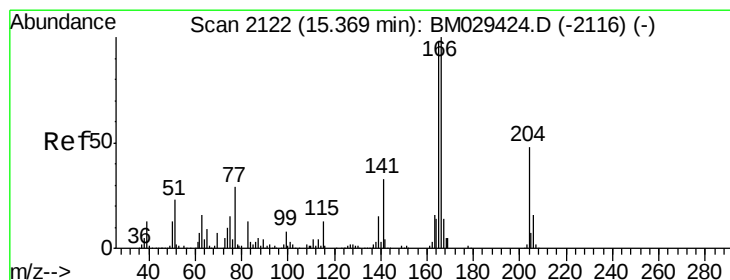
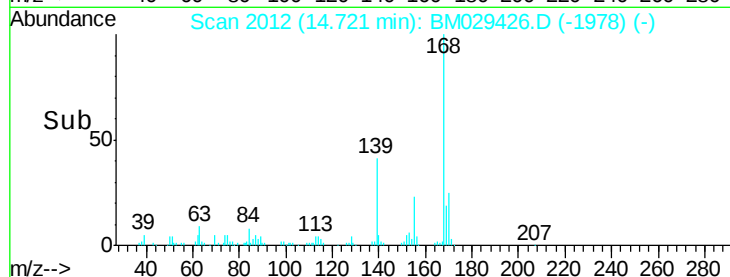
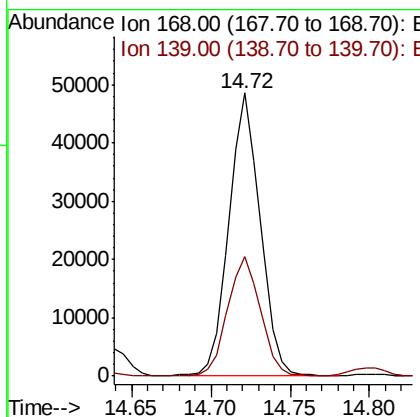
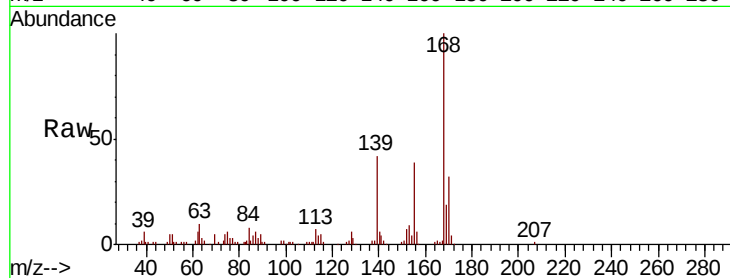
#54
Dibenzenofuran
Concen: 4.045 ng/ul
RT: 14.72 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampleId :
ESQG7

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	31.9	47.9

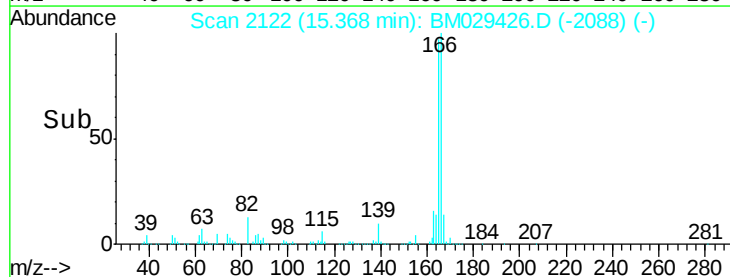
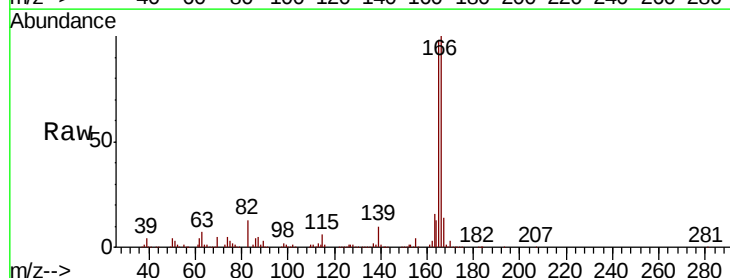
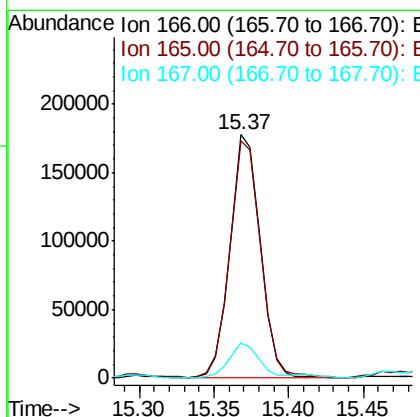
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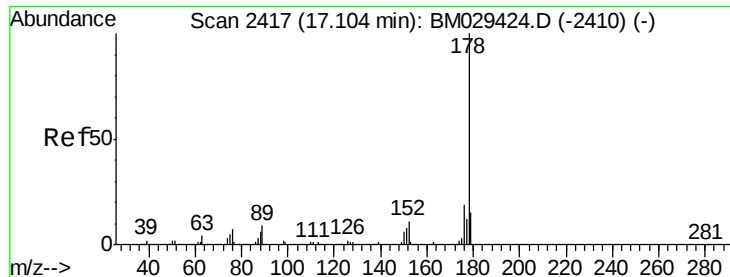
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#59
Fluorene
Concen: 18.305 ng/ul
RT: 15.37 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.9	118.3
167	14.4	11.3	16.9





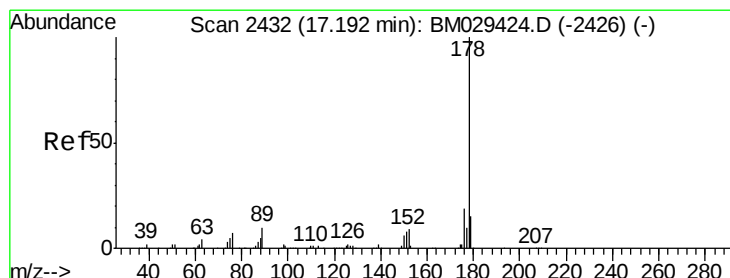
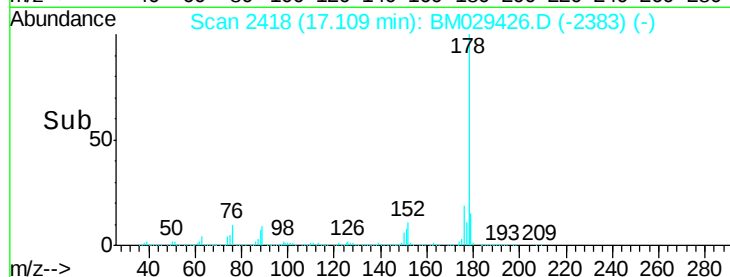
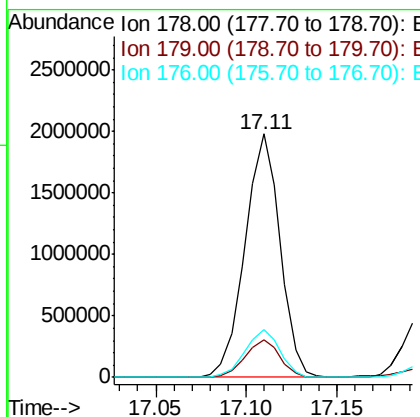
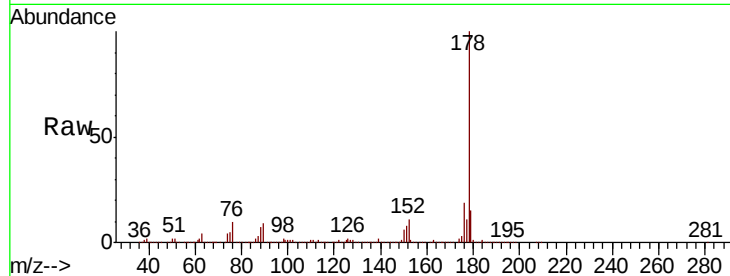
#70
Phenanthrene
Concen: 128.212 ng/ul
RT: 17.11 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampled :
ESQG7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.4	15.4	23.2

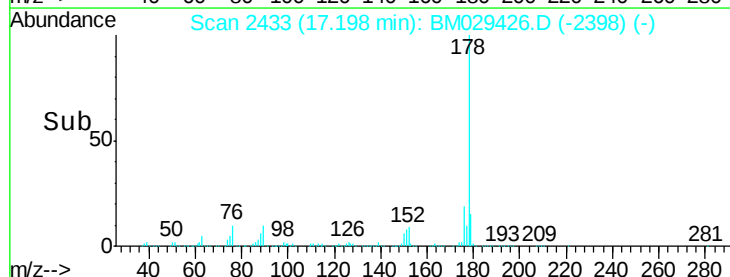
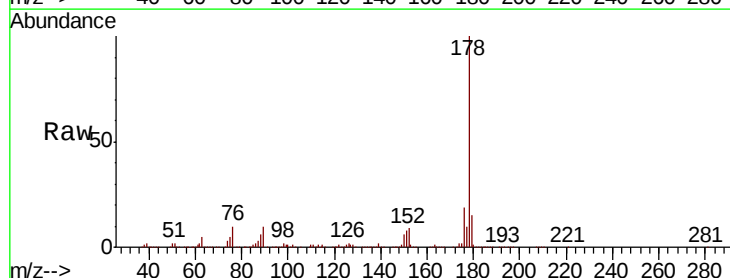
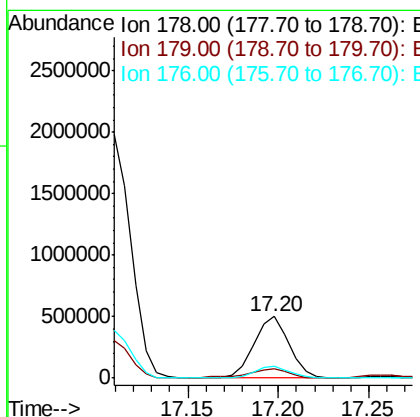
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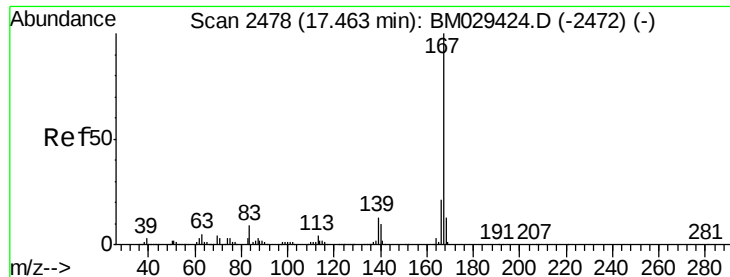
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#72
Anthracene
Concen: 31.543 ng/ul
RT: 17.20 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.1	15.4	23.0





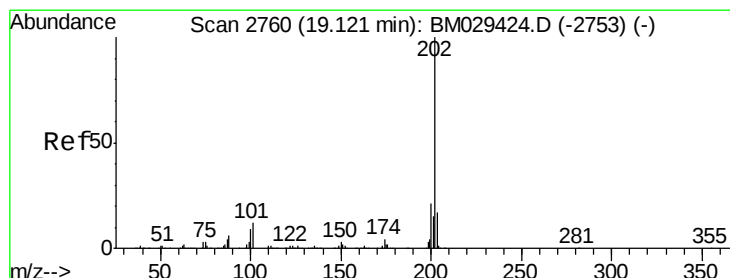
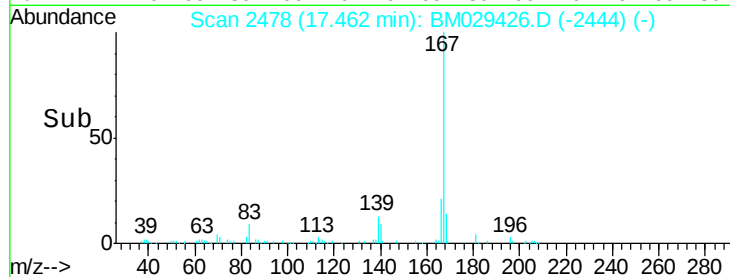
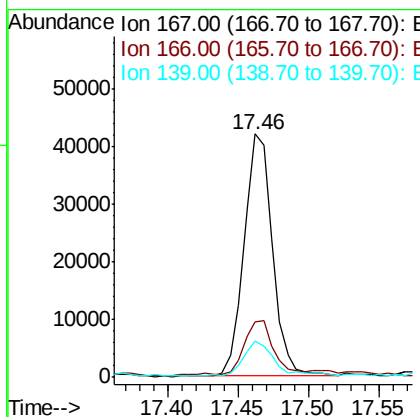
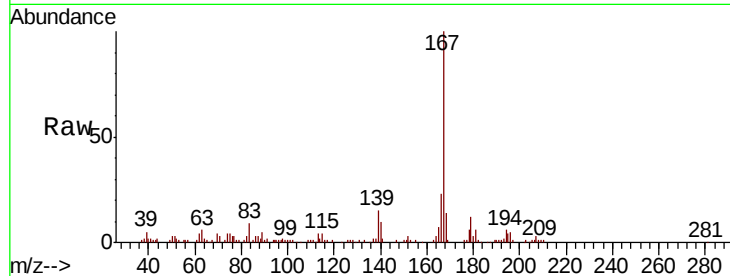
#75
 Carbazole
 Concen: 3.089 ng/ul
 RT: 17.46 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM029426.D
 Acq: 09 Apr 2021 11:30

Instrument :
 BNA_M
 ClientSampleId :
 ESQG7

Tot Ion:	167	Resp:	59419
Ion Ratio	Lower	Upper	
167	100		
166	22.8	17.3	25.9
139	15.1	10.6	16.0

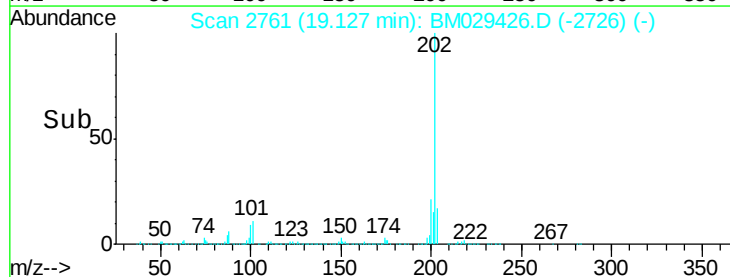
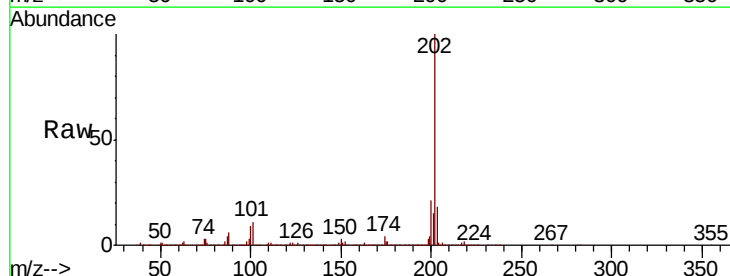
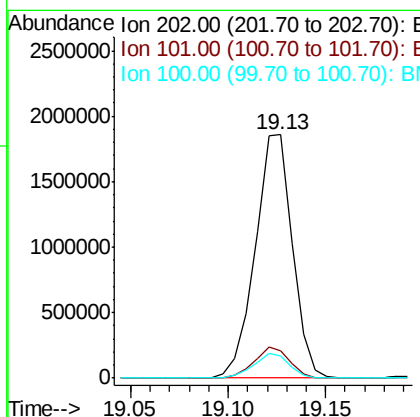
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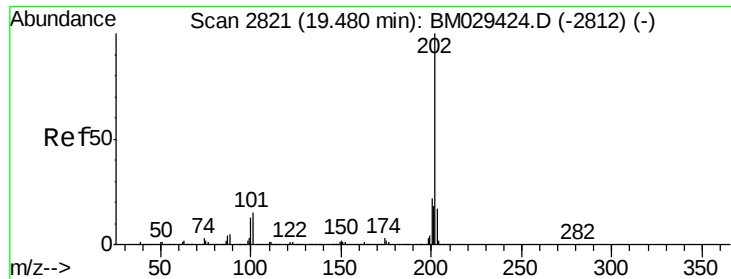
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#77
 Fluoranthene
 Concen: 104.505 ng/ul
 RT: 19.13 min Scan# 2761
 Delta R.T. 0.01 min
 Lab File: BM029426.D
 Acq: 09 Apr 2021 11:30

Tgt Ion:	202	Resp:	2448547
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.8	14.6
100	8.9	7.4	11.0





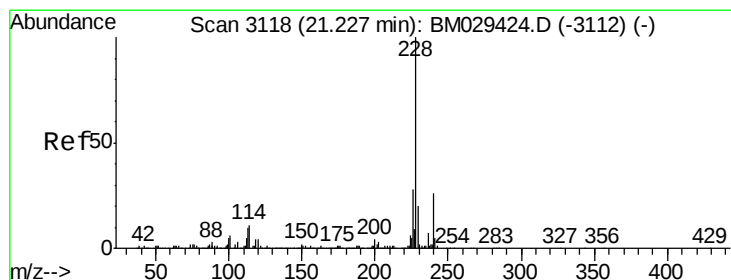
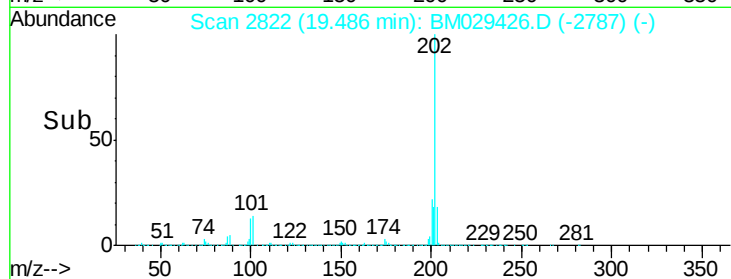
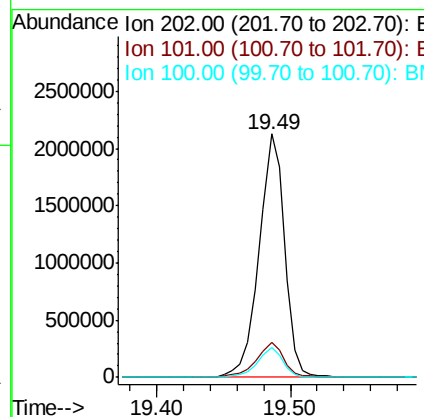
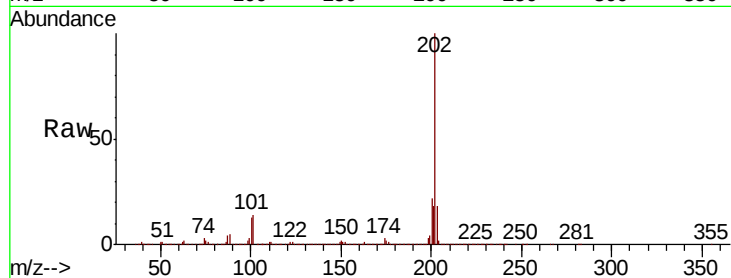
#80
Pvrene
Concen: 117.786 ng/ul
RT: 19.49 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampleId :
ESQG7

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.6
100	12.5	9.5	14.3

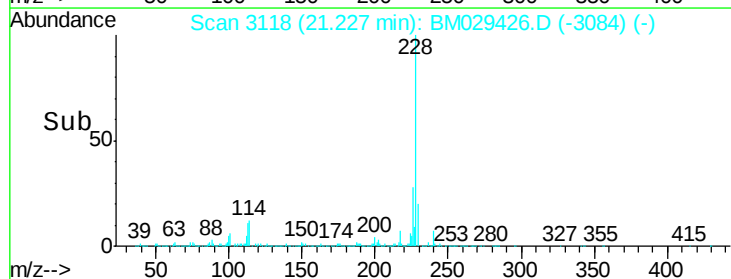
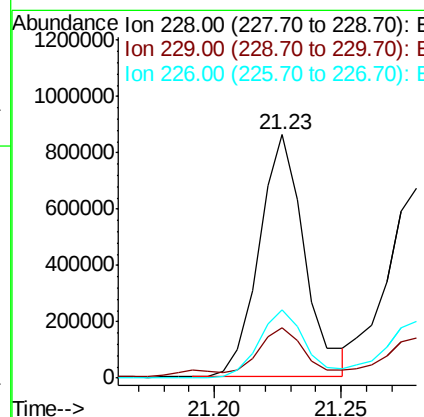
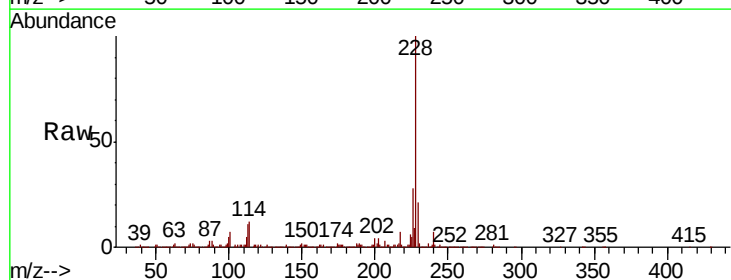
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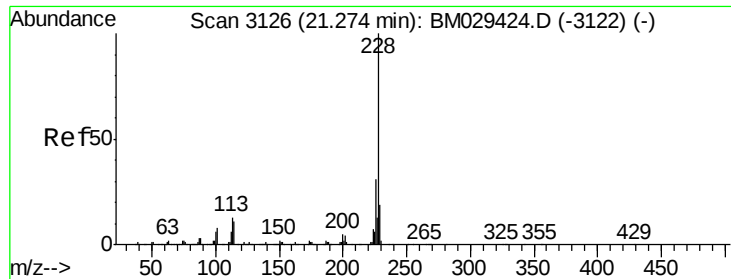
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#83
Benzo(a)anthracene
Concen: 47.374 ng/ul
RT: 21.23 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.8	22.3	33.5





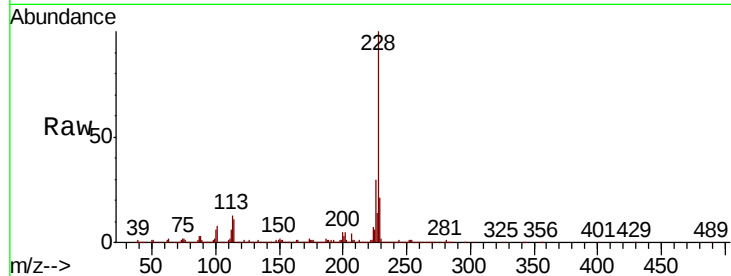
#85
Chrysene
Concen: 41.652 ng/ul
RT: 21.28 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampled :
ESQG7

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.3	15.4	23.0

Manual Integrations
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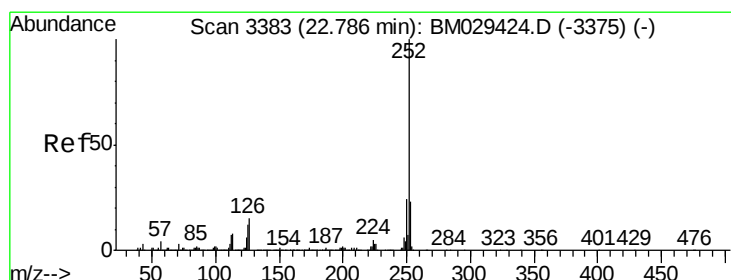
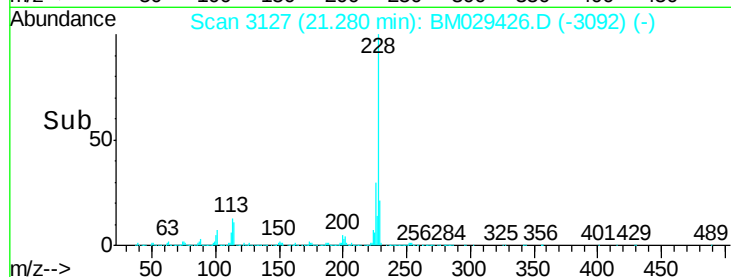
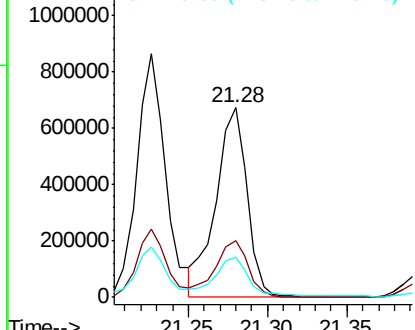


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88
Benzo(b)fluoranthene
Concen: 40.563 ng/ul
RT: 22.79 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

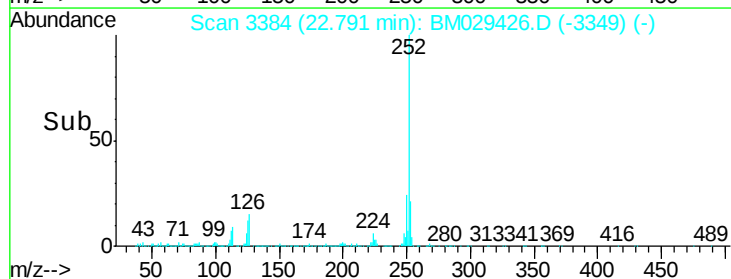
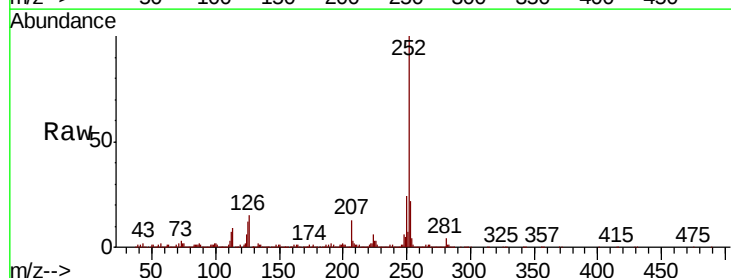
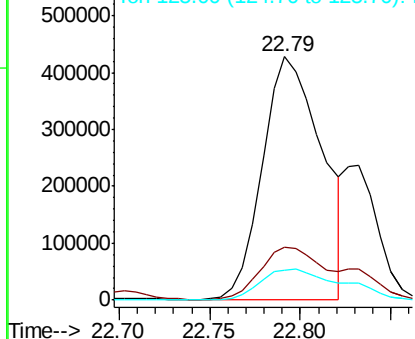
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.5	8.8	13.2

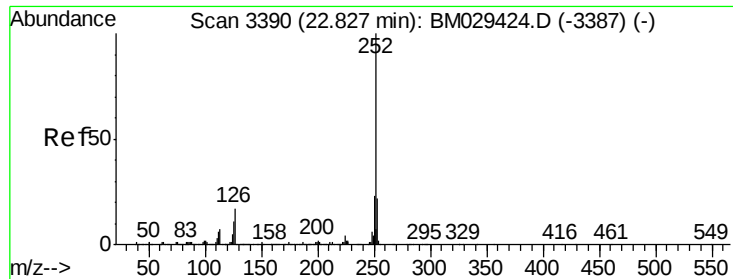
Abundance

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





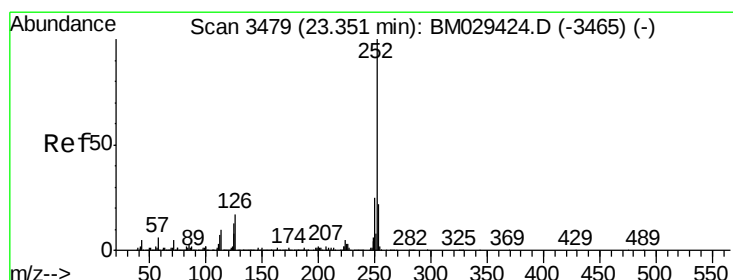
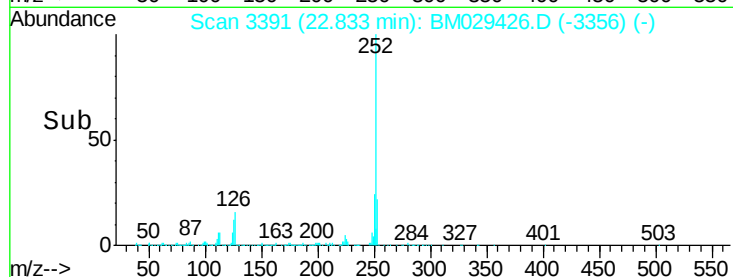
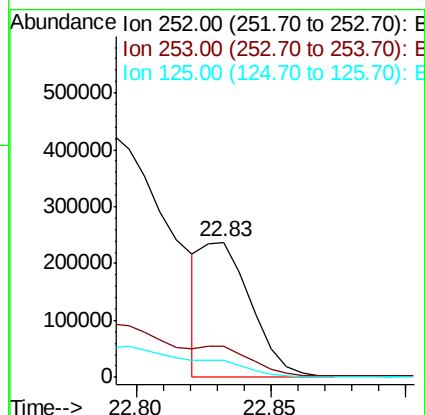
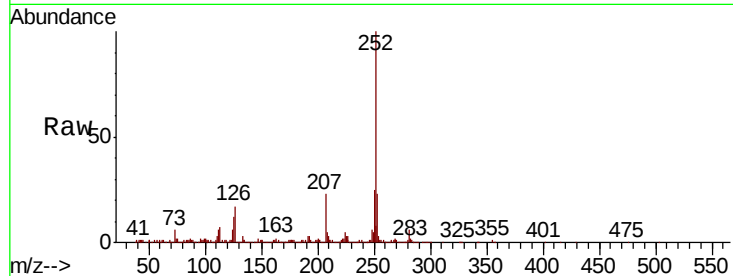
#89
Benzo(k)fluoranthene
Concen: 12.761 ng/u1 m
RT: 22.83 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampled :
ESQG7

Tot Ion:	252	Resp:	301217
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	12.4	9.4	14.0

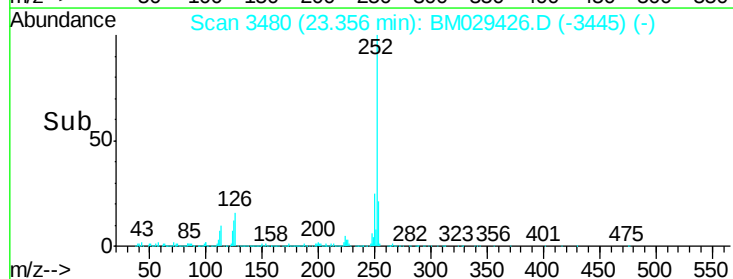
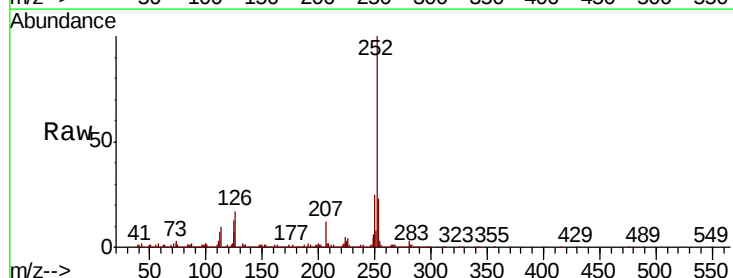
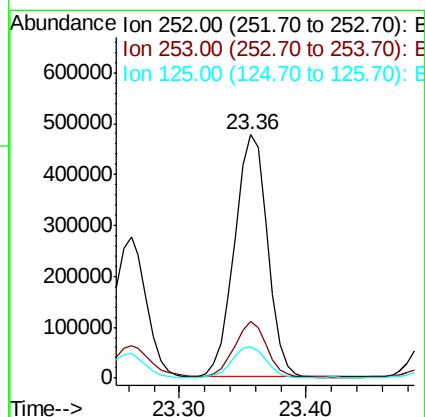
Manual Integrations
APPROVED

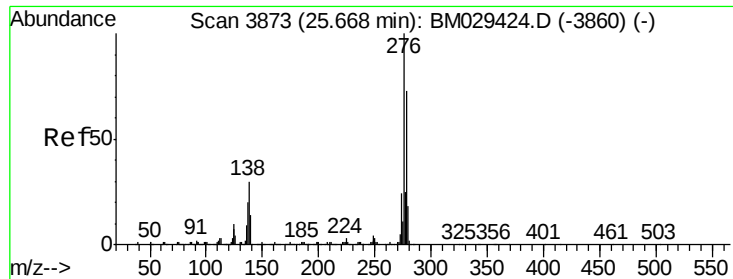
mohammad
4/12/2021 2:45:58 PM



#91
Benzo(a)pyrene
Concen: 40.218 ng/u1
RT: 23.36 min Scan# 3480
Delta R.T. 0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Tgt Ion:	252	Resp:	857728
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	12.7	9.8	14.8





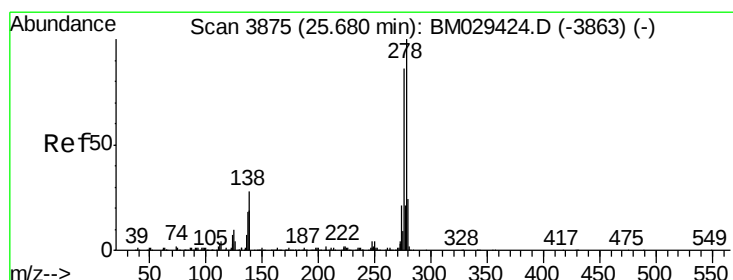
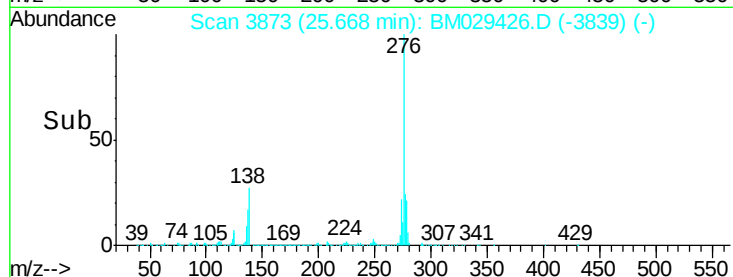
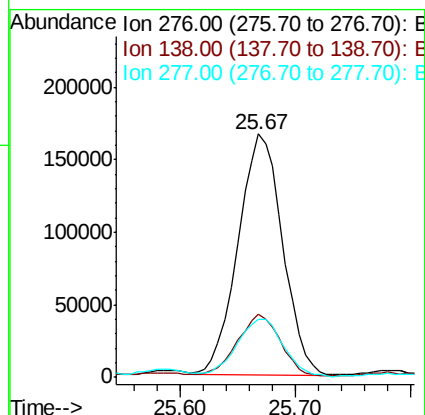
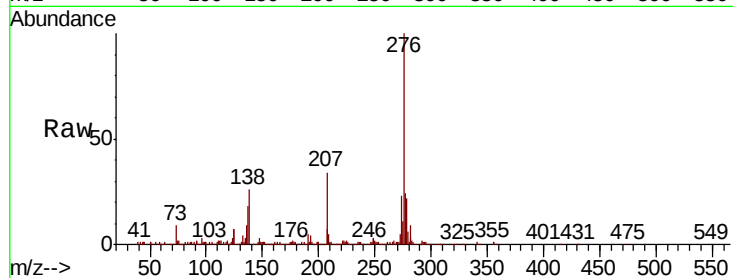
#92
Indeno(1,2,3-cd)pyrene
Concen: 15.977 ng/ul
RT: 25.67 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Instrument :
BNA_M
ClientSampleId :
ESQG7

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.3	33.5
277	24.0	19.7	29.5

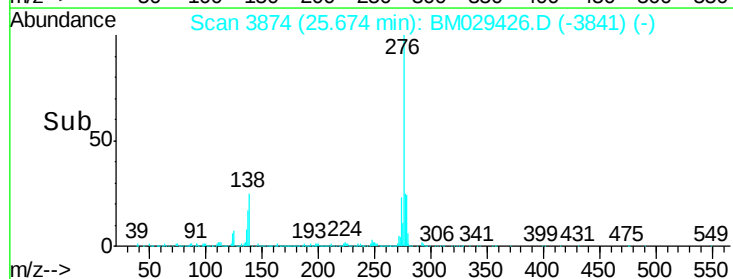
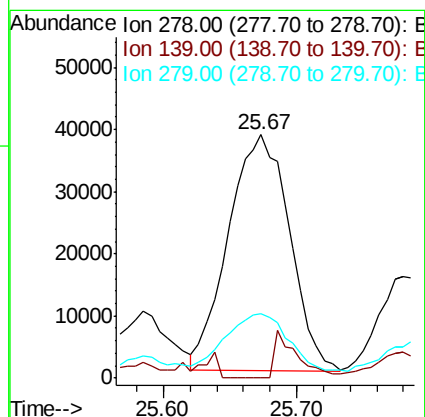
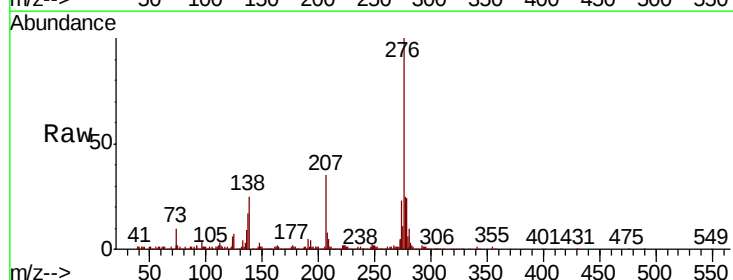
Manual Integrations
APPROVED

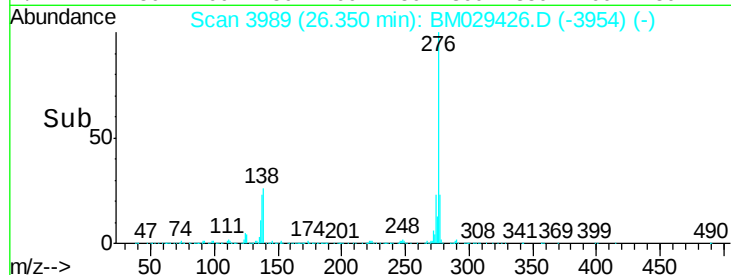
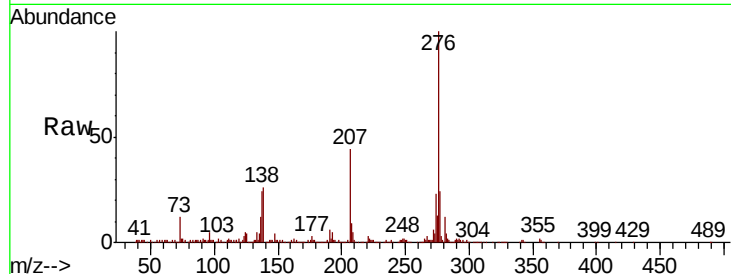
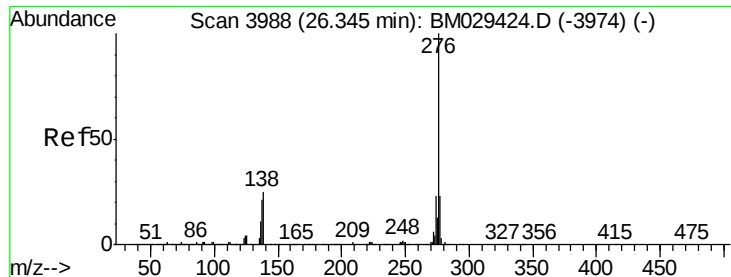
mohammad
4/12/2021 2:45:58 PM



#93
Dibenzo(a,h)anthracene
Concen: 5.131 ng/ul
RT: 25.67 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BM029426.D
Acq: 09 Apr 2021 11:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.7	22.1#
279	26.3	18.2	27.2





#94

Benzo(a,h,i)perylene

Concen: 17.429 ng/ul

RT: 26.35 min Scan# 3989

Delta R.T. 0.01 min

Lab File: BM029426.D

Acq: 09 Apr 2021 11:30

Instrument :

BNA_M

ClientSampleId :

ESQG7

Tot Ion:	276	Resp:	395109
Ion Ratio	Lower	Upper	
276	100		
138	26.1	19.5	29.3
277	23.6	18.8	28.2

Manual Integrations
APPROVED

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4/12/2021 2:45:58 PM

