

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
 Data File : BM028690.D
 Acq On : 09 Feb 2021 18:29
 Operator : CG/JU
 Sample : M1310-12DL2 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0A39DL2

Manual Integrations
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mohammad
 2/10/2021 12:15:44 PM

Quant Time: Feb 10 02:04:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 23:51:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	22286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	86041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.55	164	46754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.29	188	93153	20.00	ng/ul	0.00
78) Chrysene-d12	21.43	240	91207	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	95806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.07	99	935	0.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	748	0.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	1105	0.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	868	0.56	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	434	0.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	394	0.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	880	0.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	861	0.50	ng/ul	0.01
44) Dimethylphthalate-d6	13.96	166	3555	0.96	ng/ul	0.00
47) Acenaphthylene-d8	14.24	160	4356	0.92	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.54	176	3067	0.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.38	188	5160m	1.08	ng/ul	0.00
79) Pyrene-d10	19.66	212	5436	1.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	6004	1.10	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	17.33	178	109256	18.995	ng/ul	99
72) Anthracene	17.42	178	21039	3.583	ng/ul	99
75) Carbazole	17.69	167	13668	2.739	ng/ul	97
77) Fluoranthene	19.33	202	208008	33.236	ng/ul	97
80) Pyrene	19.69	202	176946	25.077	ng/ul	99
83) Benzo(a)anthracene	21.42	228	95990	15.143	ng/ul	99
85) Chrysene	21.47	228	91341	14.862	ng/ul	98
88) Benzo(b)fluoranthene	23.00	252	101463	15.644	ng/ul	97
89) Benzo(k)fluoranthene	23.04	252	32147m	5.062	ng/ul	
91) Benzo(a)pyrene	23.57	252	66454	11.097	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.93	276	44502	6.096	ng/ul	97
93) Dibenzo(a,h)anthracene	25.93	278	13714	2.229	ng/ul#	85
94) Benzo(g,h,i)perylene	26.63	276	35940	5.901	ng/ul	96

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

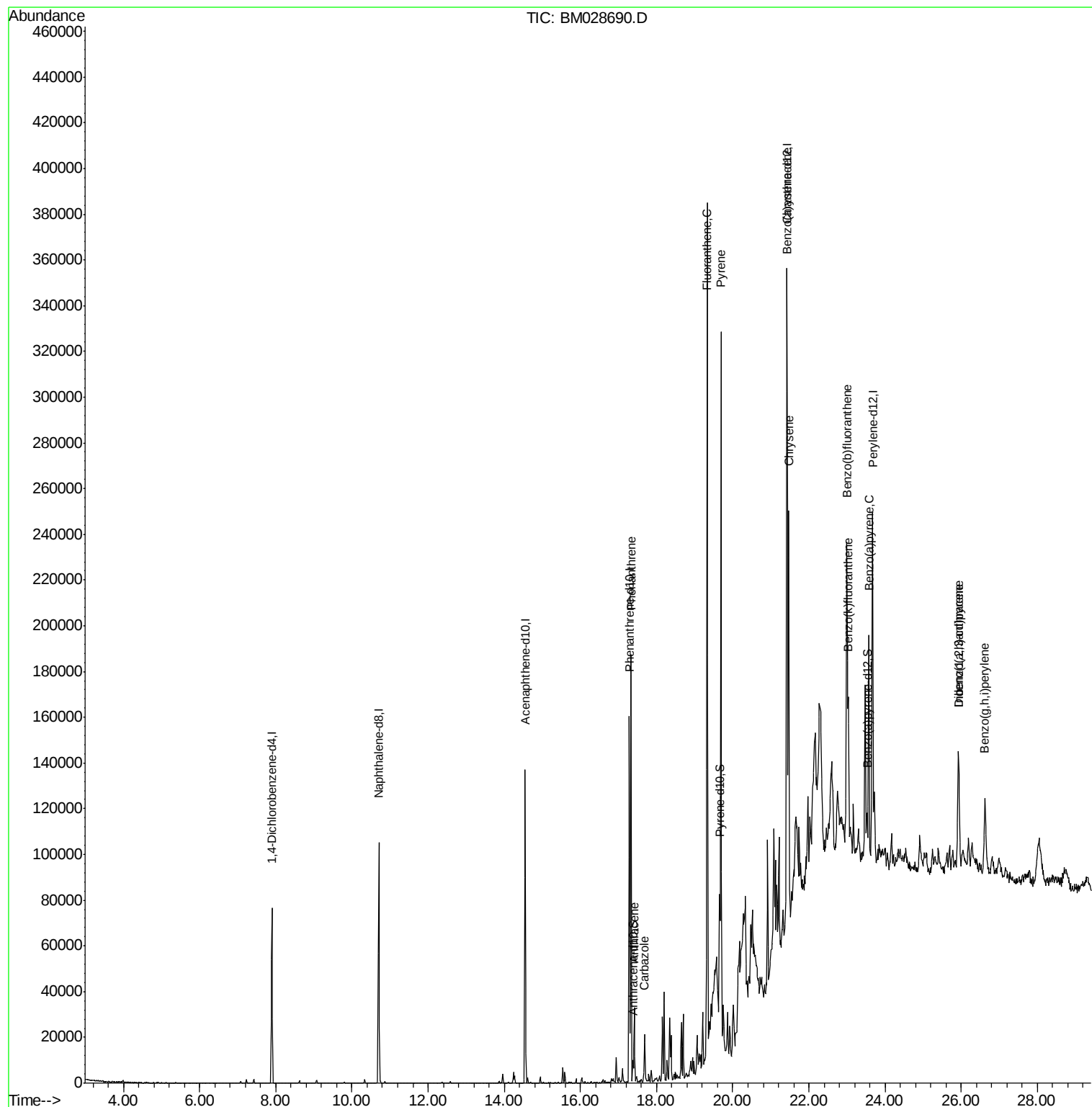
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028690.D
Acq On : 09 Feb 2021 18:29
Operator : CG/JU
Sample : M1310-12DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

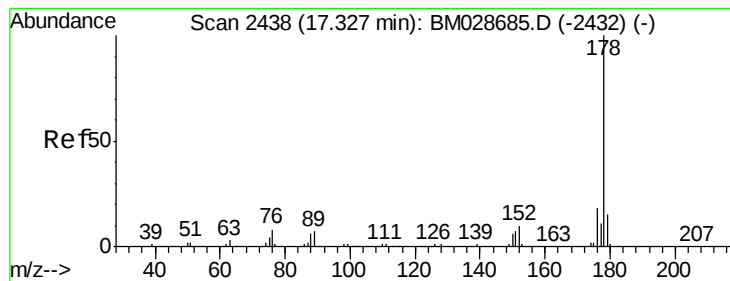
Instrument :
BNA_M
ClientSampleId :
C0A39DL2

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Quant Time: Feb 10 02:04:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 23:51:34 2021
Response via : Initial Calibration





#70

Phenanthrene

Concen: 18.995 ng/ul

RT: 17.33 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BM028690.D

Acq: 09 Feb 2021 18:29

Instrument :

BNA_M

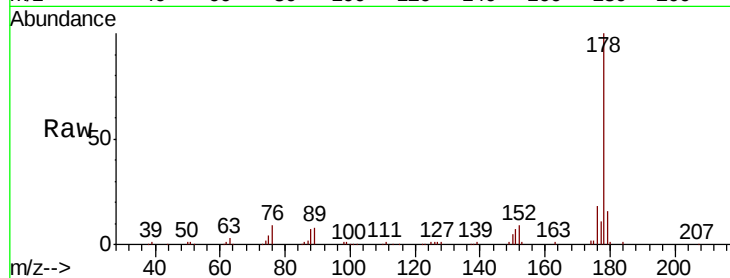
ClientSampled :

C0A39DL2

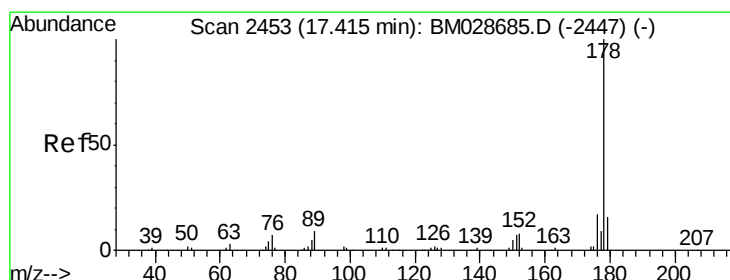
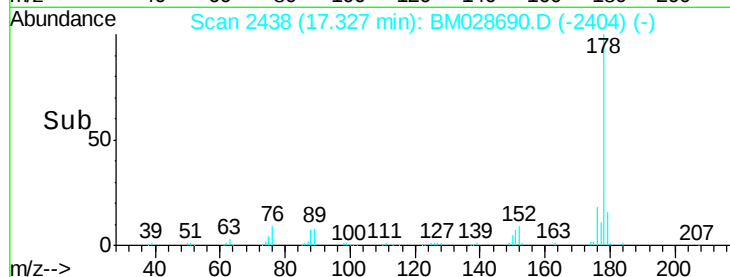
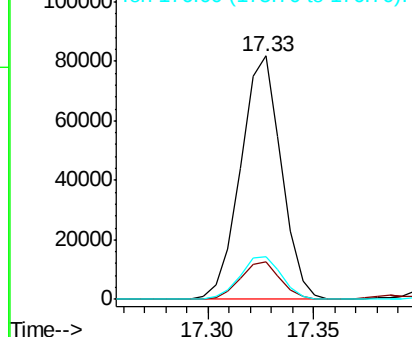
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Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	17.8	14.6	22.0

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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



#72

Anthracene

Concen: 3.583 ng/ul

RT: 17.42 min Scan# 2453

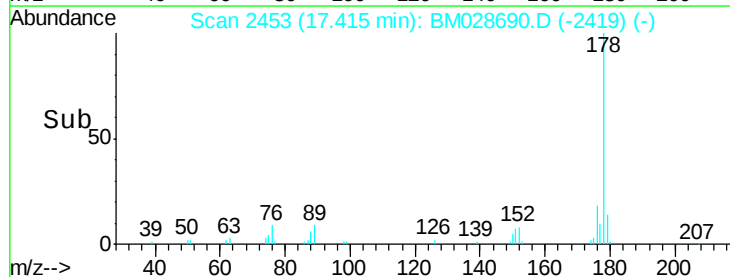
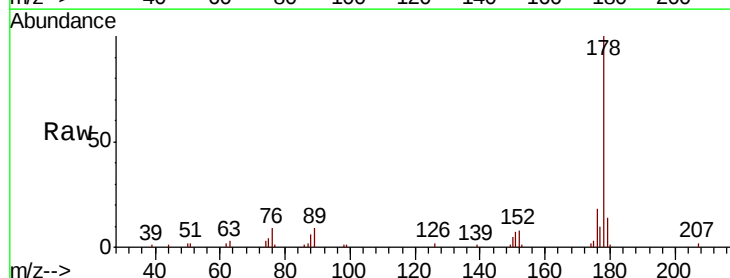
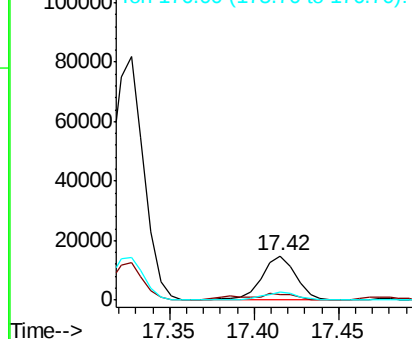
Delta R.T. 0.00 min

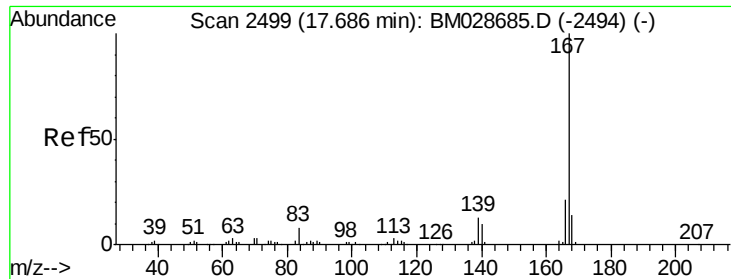
Lab File: BM028690.D

Acq: 09 Feb 2021 18:29

Tgt Ion:	178	Resp:	21039
Ion Ratio	Lower	Upper	
178	100		
179	13.6	11.7	17.5
176	17.6	14.2	21.2

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





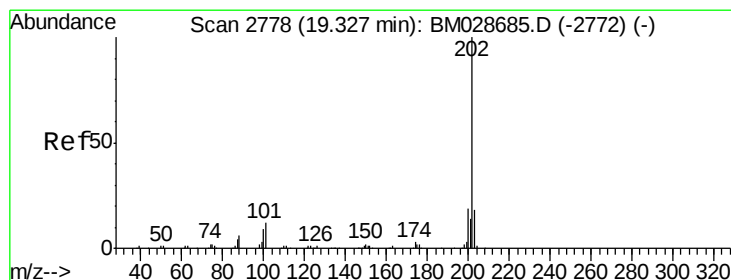
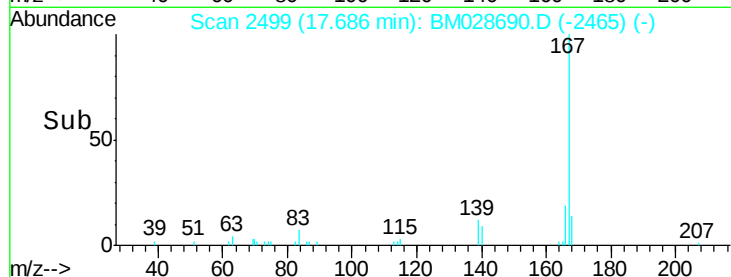
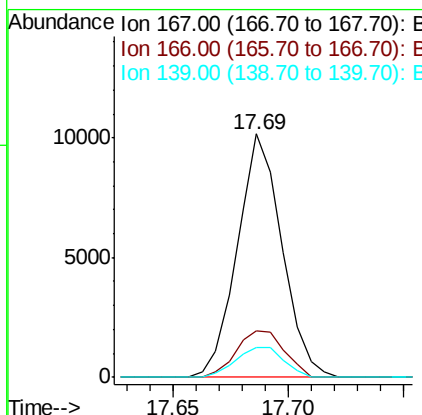
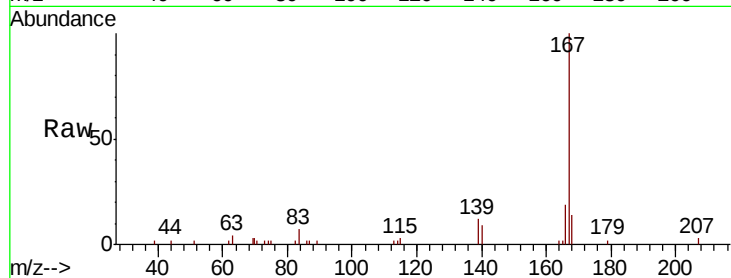
#75
 Carbazole
 Concen: 2.739 ng/ul
 RT: 17.69 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BM028690.D
 Acq: 09 Feb 2021 18:29

Instrument :
 BNA_M
 ClientSampleId :
 C0A39DL2

Tot Ion	Ratio	Lower	Upper
167	100		
166	18.9	16.7	25.1
139	12.0	10.2	15.4

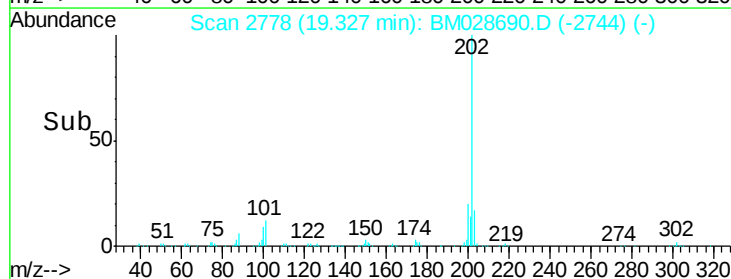
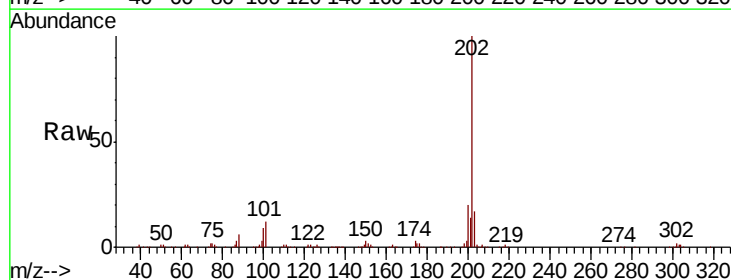
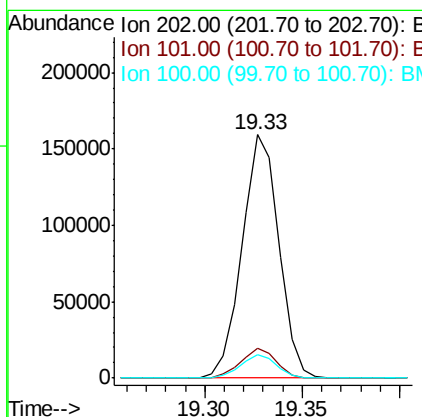
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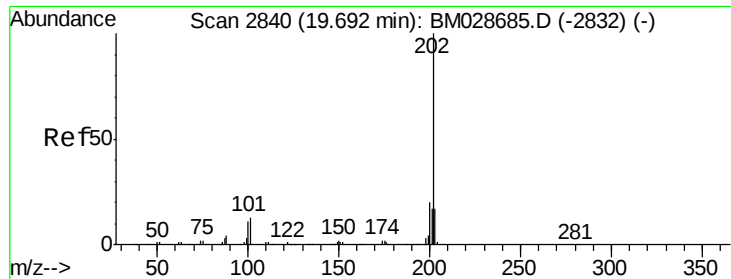
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#77
 Fluoranthene
 Concen: 33.236 ng/ul
 RT: 19.33 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: BM028690.D
 Acq: 09 Feb 2021 18:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	9.5	7.0	10.6





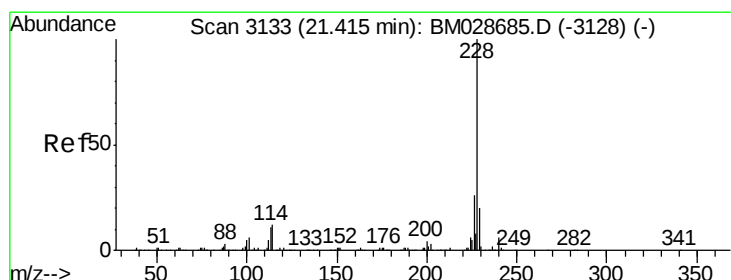
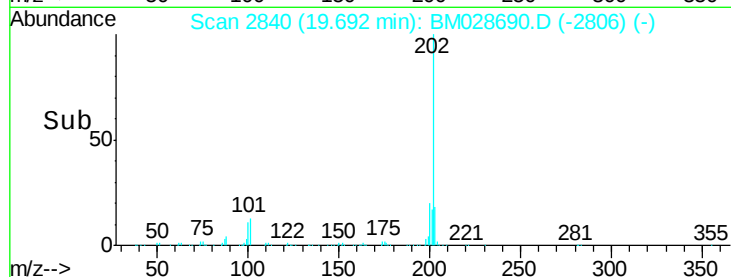
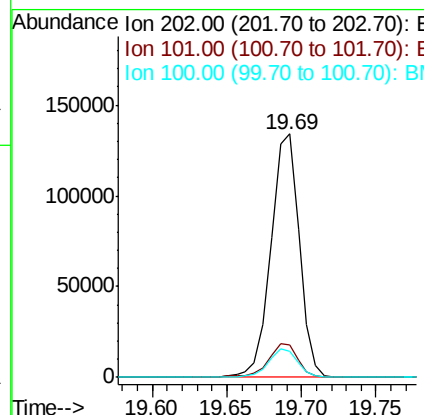
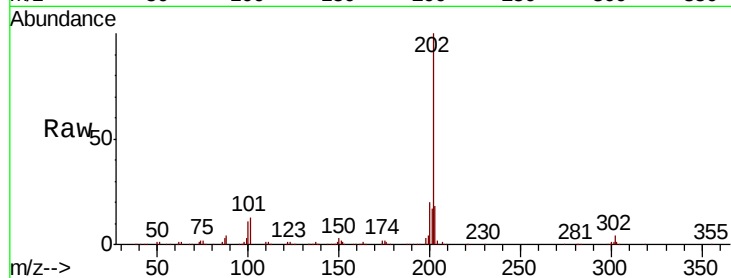
#80
Pvrene
Concen: 25.077 ng/ul
RT: 19.69 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Instrument :
BNA_M
ClientSampleId :
C0A39DL2

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.4	10.6	15.8
100	10.8	8.9	13.3

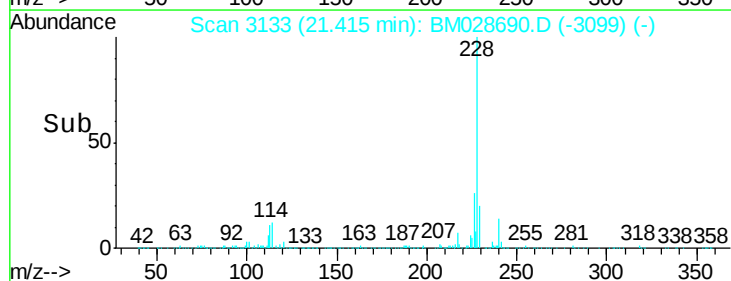
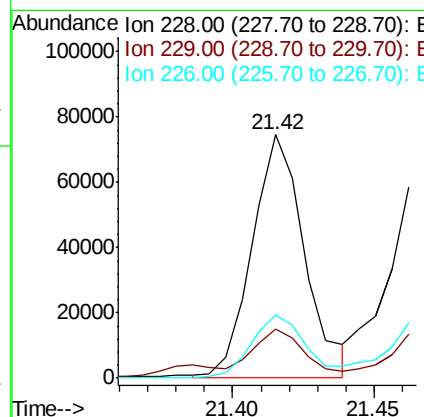
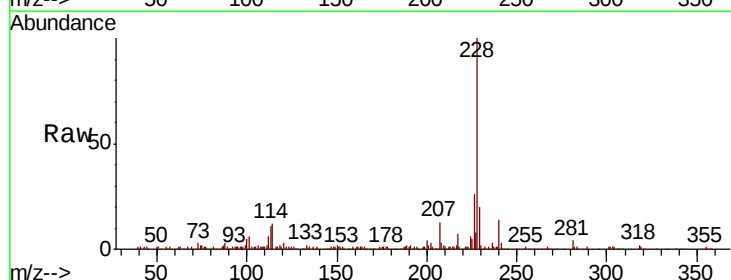
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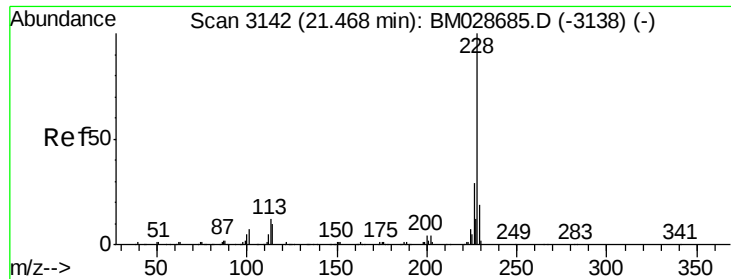
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#83
Benzo(a)anthracene
Concen: 15.143 ng/ul
RT: 21.42 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.4	23.2
226	25.7	20.6	30.8





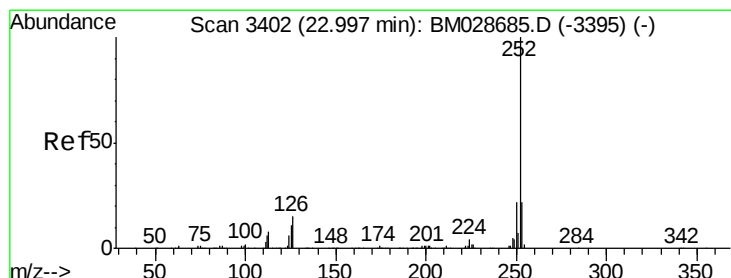
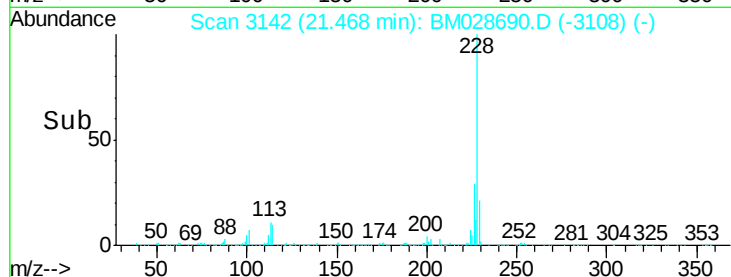
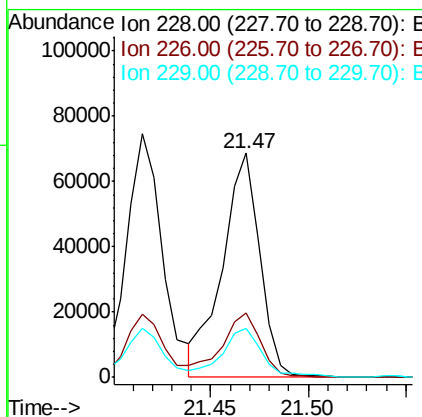
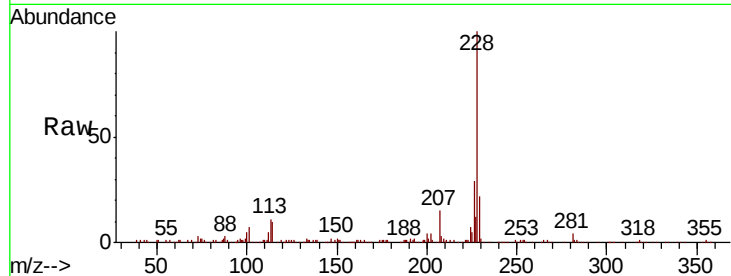
#85
Chrysene
Concen: 14.862 ng/ul
RT: 21.47 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Instrument :
BNA_M
ClientSampled :
C0A39DL2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	21.8	15.7	23.5

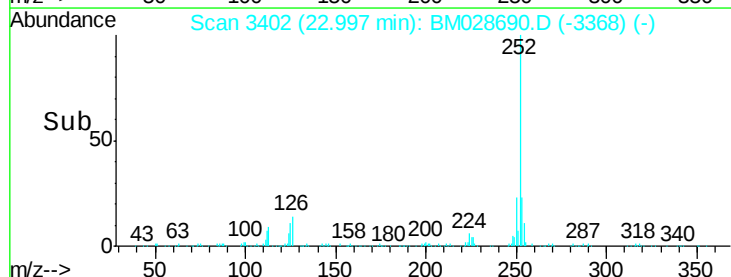
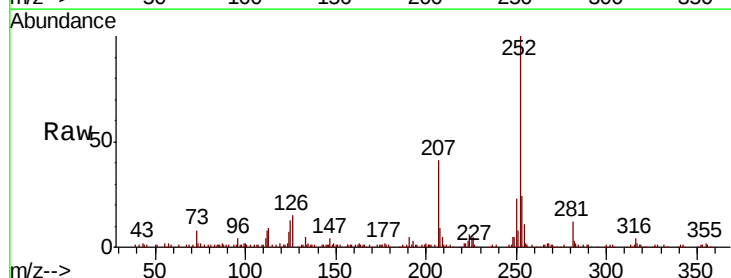
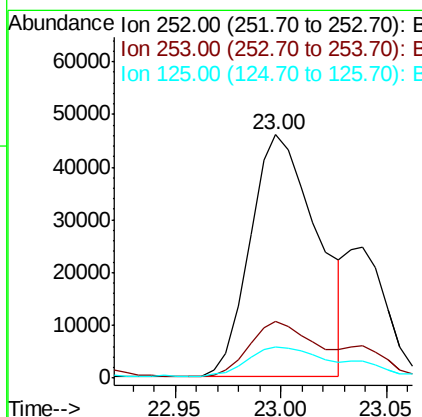
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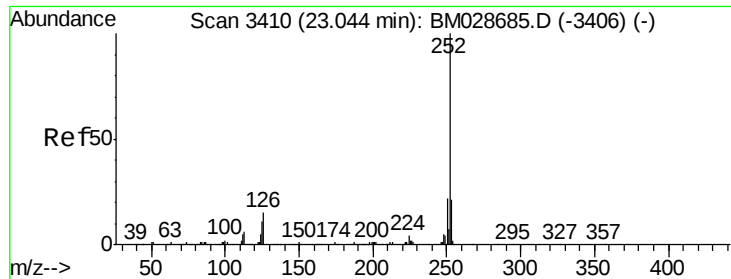
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#88
Benzo(b)fluoranthene
Concen: 15.644 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. 0.00 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	12.6	8.6	12.8





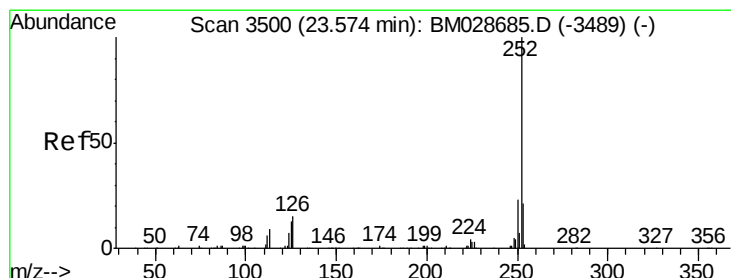
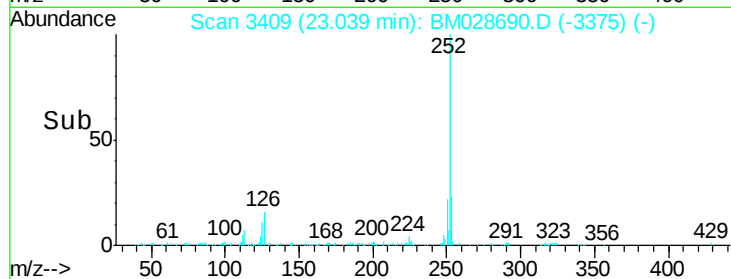
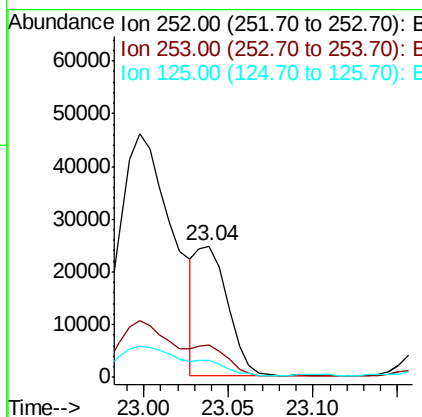
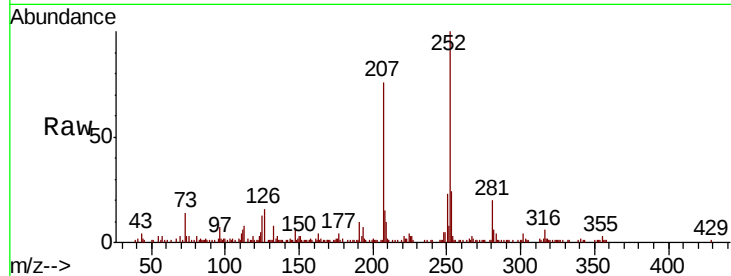
#89
Benzo(k)fluoranthene
Concen: 5.062 ng/ul m
RT: 23.04 min Scan# 3409
Delta R.T. 0.00 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Instrument :
BNA_M
ClientSampled :
C0A39DL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	13.0	9.7	14.5

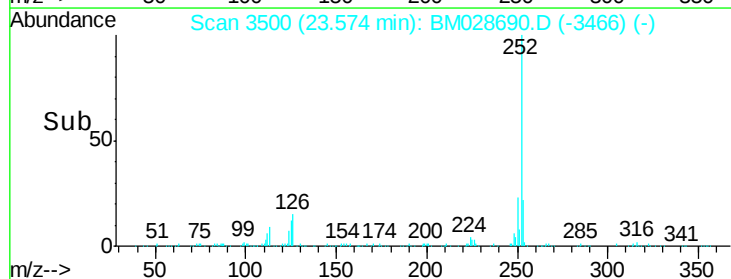
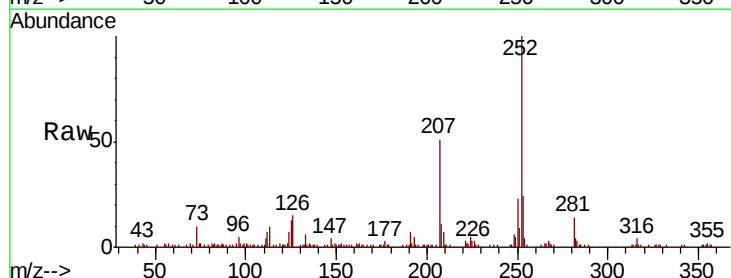
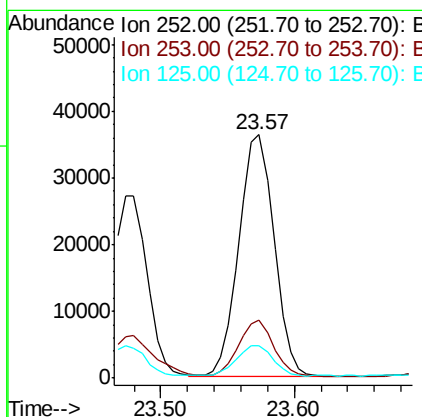
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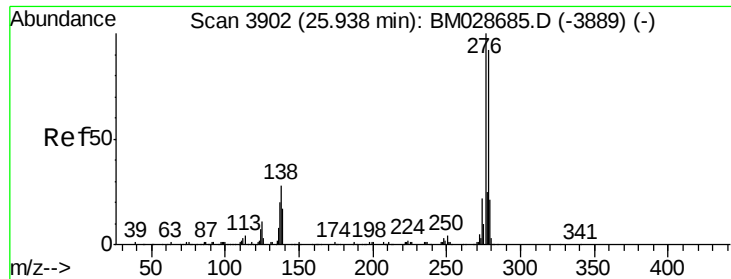
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#91
Benzo(a)pyrene
Concen: 11.097 ng/ul
RT: 23.57 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	13.4	10.0	15.0





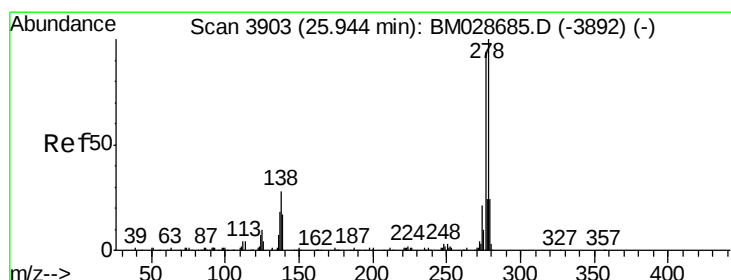
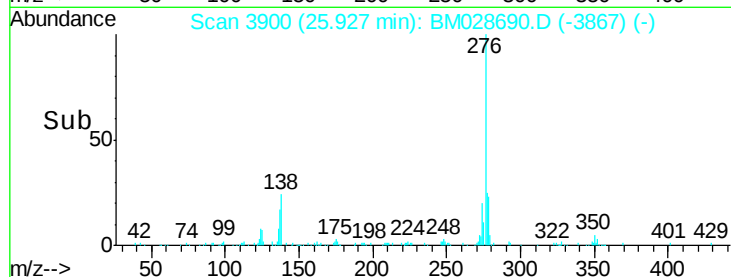
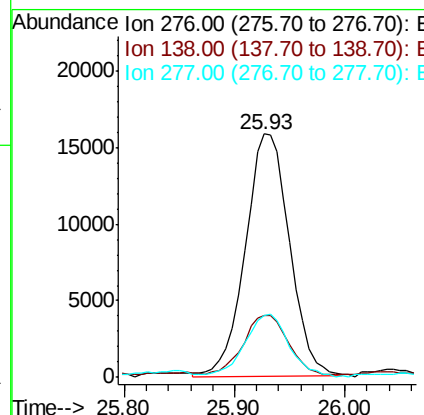
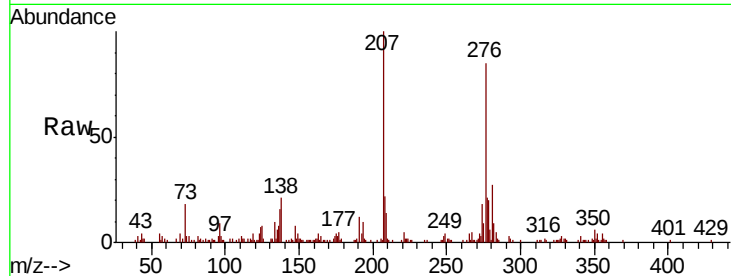
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.096 ng/ul
RT: 25.93 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Instrument :
BNA_M
ClientSampleId :
C0A39DL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.2	33.4
277	25.2	19.8	29.8

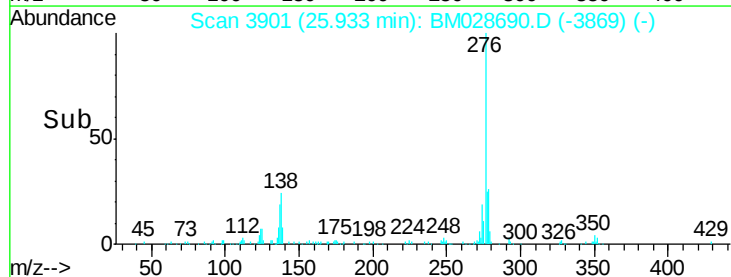
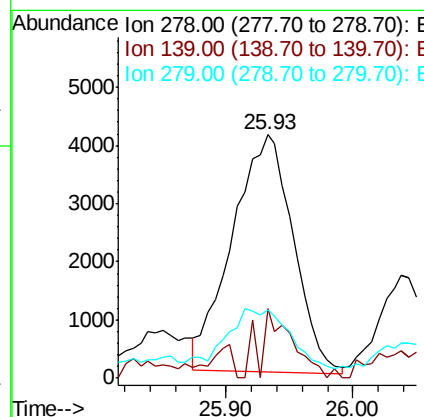
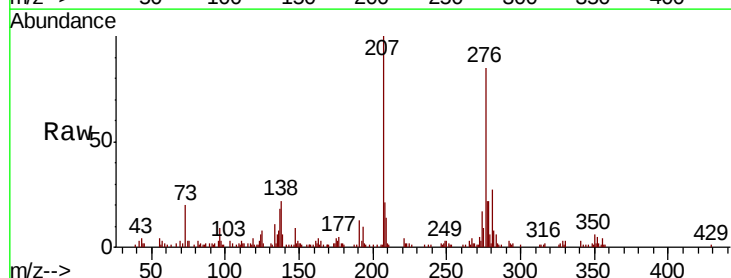
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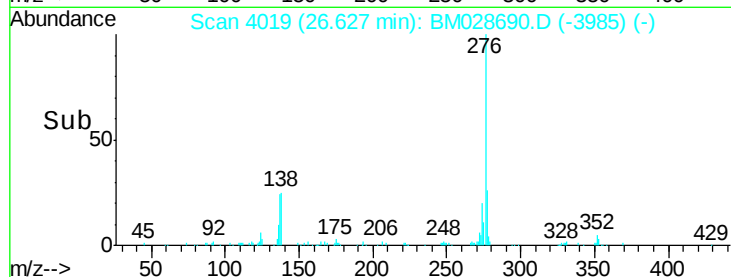
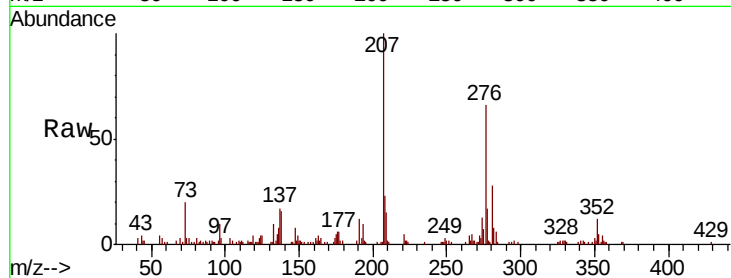
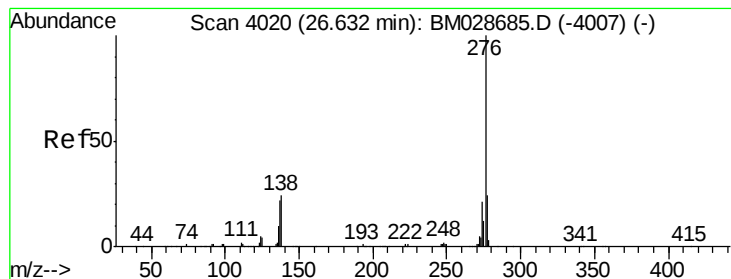
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#93
Dibenzo(a,h)anthracene
Concen: 2.229 ng/ul
RT: 25.93 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BM028690.D
Acq: 09 Feb 2021 18:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.7	14.5	21.7#
279	28.2	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 5.901 ng/ul

RT: 26.63 min Scan# 4019

Delta R.T. 0.00 min

Lab File: BM028690.D

Acq: 09 Feb 2021 18:29

Tot Ion:	276	Resp:	35940
Ion Ratio	Lower	Upper	
276	100		
138	24.9	18.5	27.7
277	25.4	18.6	27.8

Instrument :

BNA_M

ClientSampleId :

C0A39DL2

Manual Integrations
APPROVED

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