

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026983.D
 Acq On : 03 Aug 2020 17:59
 Operator : JU/CG
 Sample : L3424-13DL 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S88DL

Manual Integrations
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mohammad
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Quant Time: Aug 03 18:33:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	102964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	409685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	249017	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	496417	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	457309	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	459067	20.00	ng/ul	0.00

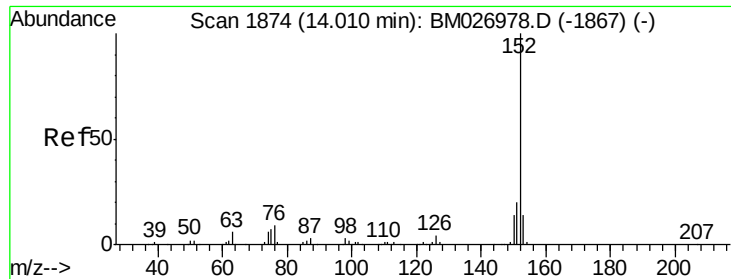
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	295	0.13	ng/uL	0.00
5) Phenol-d5	6.84	99	7385	0.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	5307	0.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5459	0.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5676	0.82	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	2773	0.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2514	0.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5462	0.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2288	0.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	17383	0.89	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	20698	0.83	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.29	176	14597	0.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1123	0.51	ng/ul	0.00
71) Anthracene-d10	17.13	188	23397	0.94	ng/ul	0.00
79) Pyrene-d10	19.43	212	23290	0.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	24164	0.93	ng/ul	0.00

Target Compounds

					Ovalue
48) Acenaphthylene	14.01	152	85667	3.393	ng/ul 99
70) Phenanthrene	17.07	178	83379	2.767	ng/ul 97
72) Anthracene	17.17	178	162142	5.235	ng/ul 98
77) Fluoranthene	19.10	202	822451	23.116	ng/ul 99
80) Pyrene	19.46	202	971885	29.211	ng/ul 98
83) Benzo(a)anthracene	21.21	228	422847	13.415	ng/ul 93
85) Chrysene	21.26	228	517179	16.825	ng/ul 98
88) Benzo(b)fluoranthene	22.77	252	975734	29.712	ng/ul 100
89) Benzo(k)fluoranthene	22.82	252	284074m	9.015	ng/ul
91) Benzo(a)pyrene	23.33	252	314737	10.621	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.63	276	328817	8.944	ng/ul 97
93) Dibenzo(a,h)anthracene	25.63	278	85612	2.754	ng/ul# 94
94) Benzo(g,h,i)perylene	26.31	276	101361	3.334	ng/ul 98

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



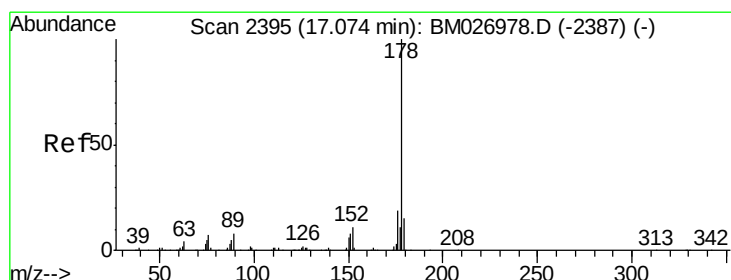
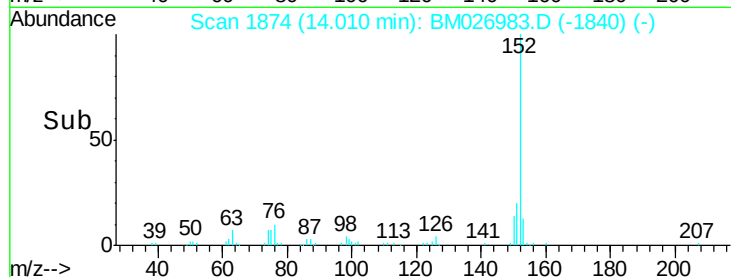
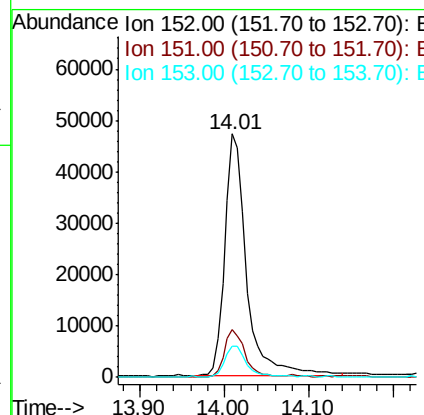
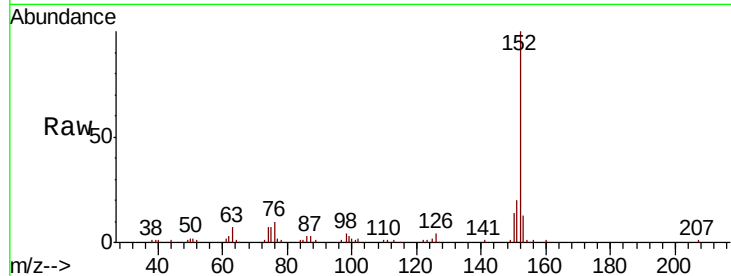
#48
 Acenaphthylene
 Concen: 3.393 ng/ul
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BM026983.D
 Acq: 03 Aug 2020 17:59

Instrument :
 BNA_M
 ClientSampleId :
 C0S88DL

Tot Ion:	152	Resp:	85667
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	12.8	10.7	16.1

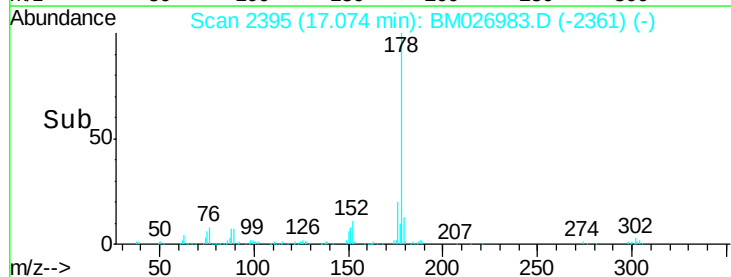
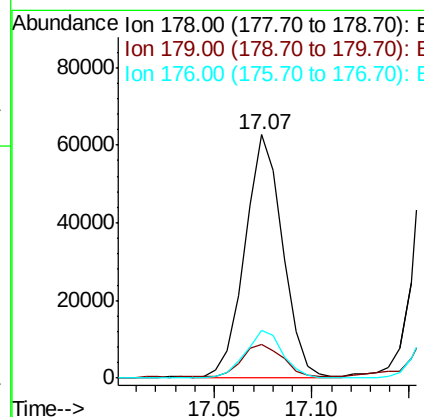
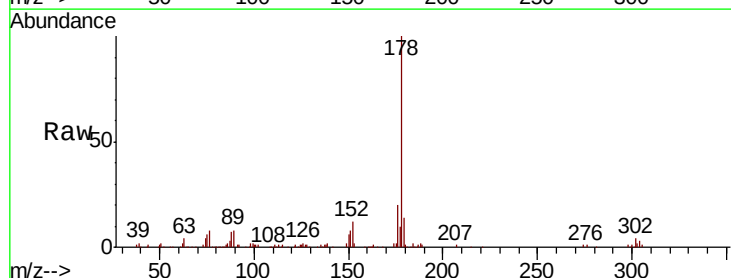
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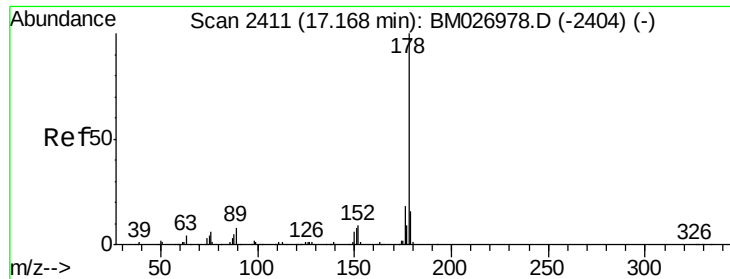
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#70
 Phenanthrene
 Concen: 2.767 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BM026983.D
 Acq: 03 Aug 2020 17:59

Tgt Ion:	178	Resp:	83379
Ion Ratio	Lower	Upper	
178	100		
179	13.8	12.0	18.0
176	19.6	14.7	22.1





#72

Anthracene

Concen: 5.235 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM026983.D

Acq: 03 Aug 2020 17:59

Instrument :

BNA_M

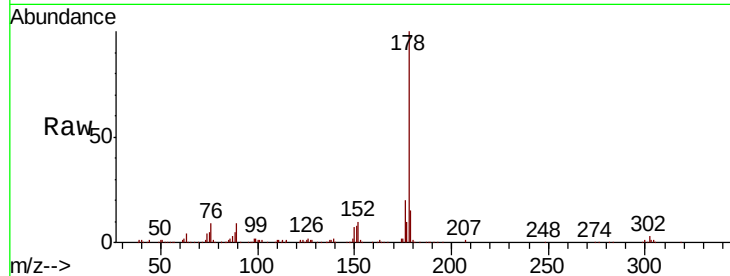
ClientSampleId :

C0S88DL

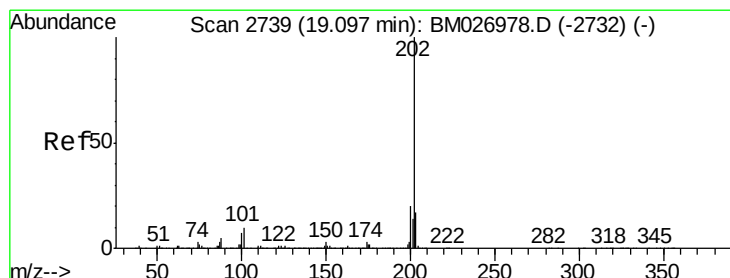
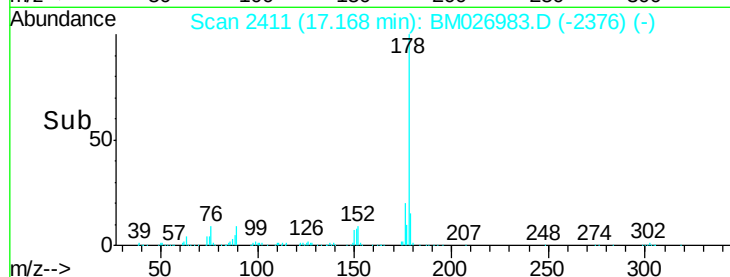
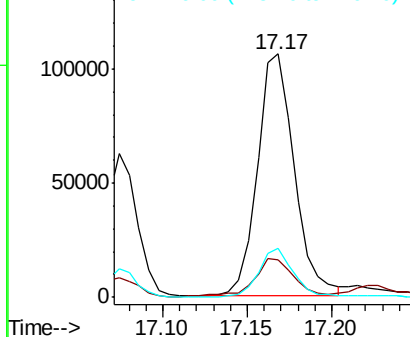
Tot Ion:	178	Resp:	162142
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.8	17.6
176	20.0	15.0	22.6

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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



#77

Fluoranthene

Concen: 23.116 ng/ul

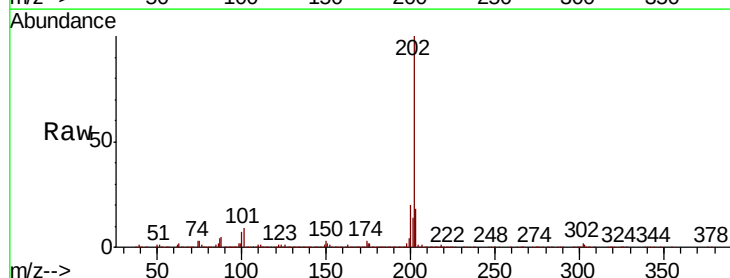
RT: 19.10 min Scan# 2739

Delta R.T. 0.00 min

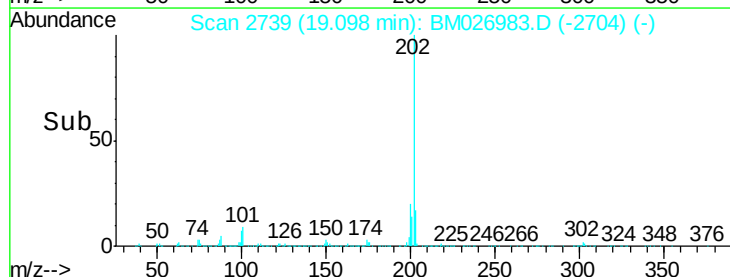
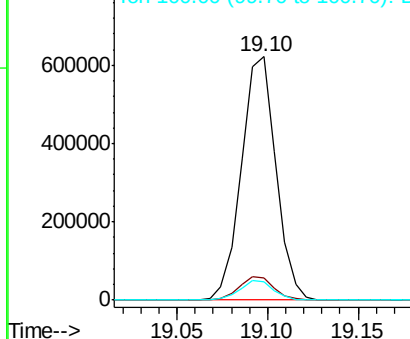
Lab File: BM026983.D

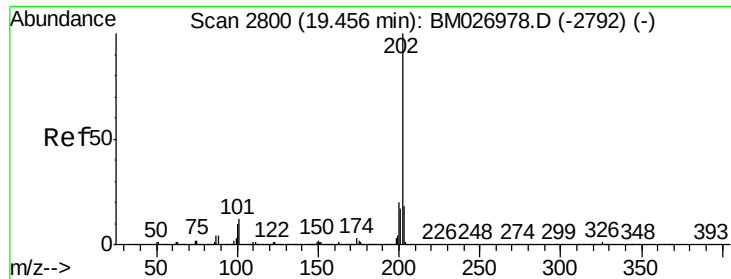
Acq: 03 Aug 2020 17:59

Tgt Ion:	202	Resp:	822451
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.7	11.5
100	7.4	6.2	9.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





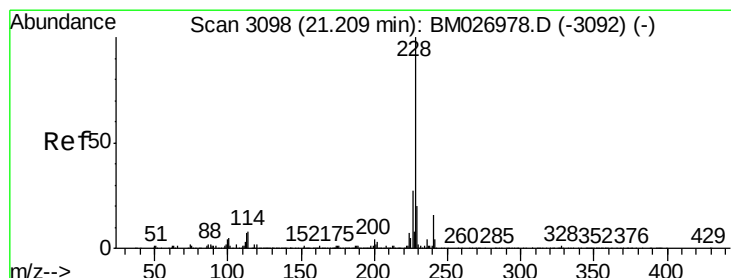
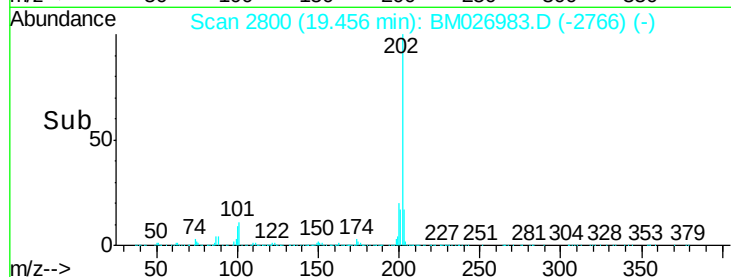
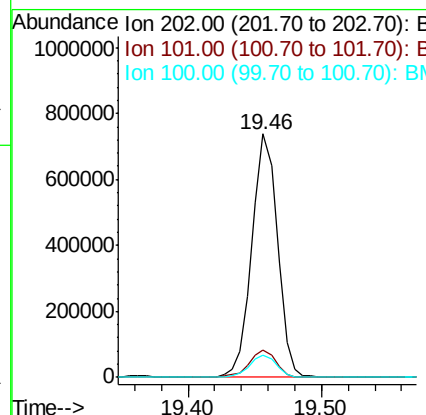
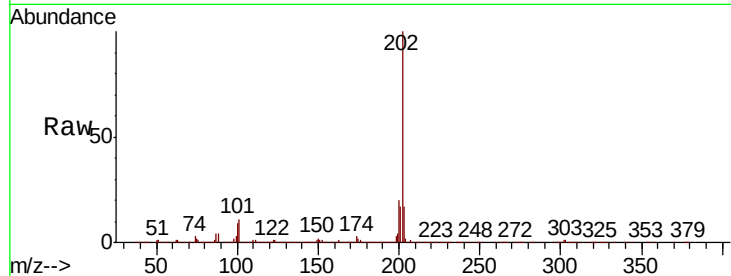
#80
Pvrene
Concen: 29.211 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM026983.D
Acq: 03 Aug 2020 17:59

Instrument :
BNA_M
ClientSampleId :
C0S88DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	9.4	14.2
100	9.3	8.2	12.4

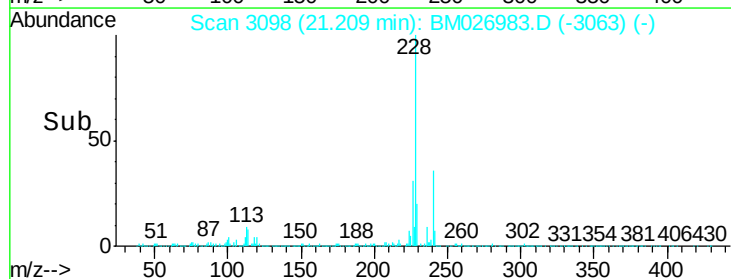
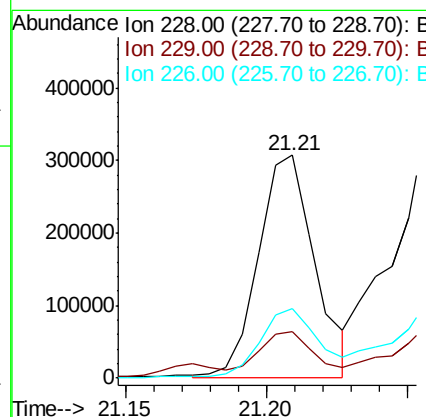
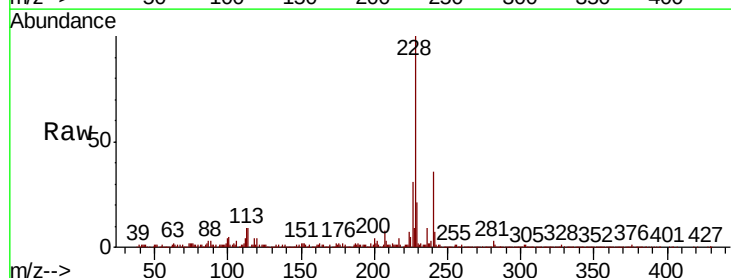
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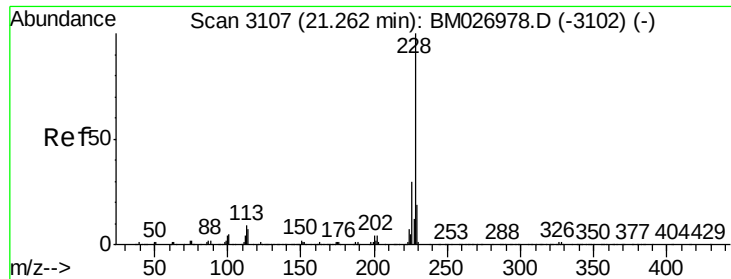
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#83
Benzo(a)anthracene
Concen: 13.415 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM026983.D
Acq: 03 Aug 2020 17:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.4	23.2
226	31.0	20.9	31.3





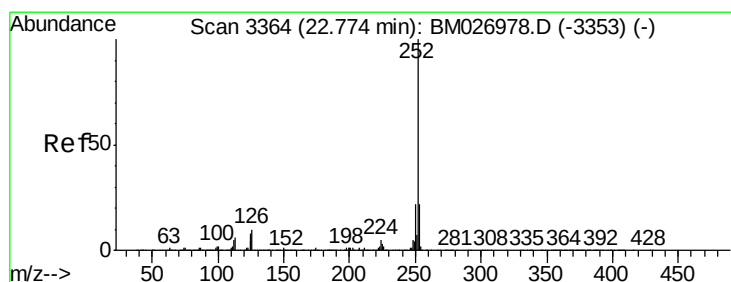
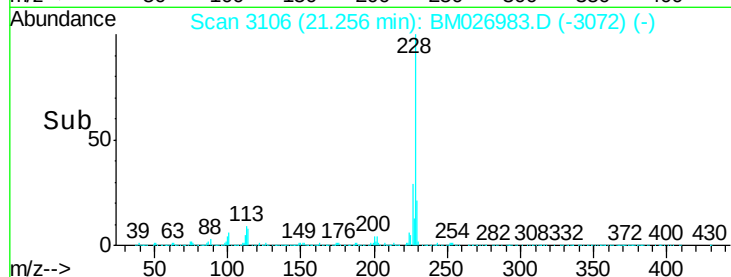
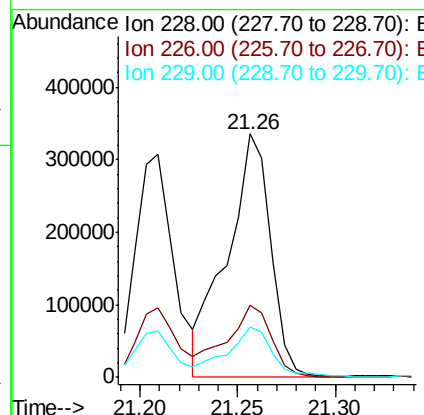
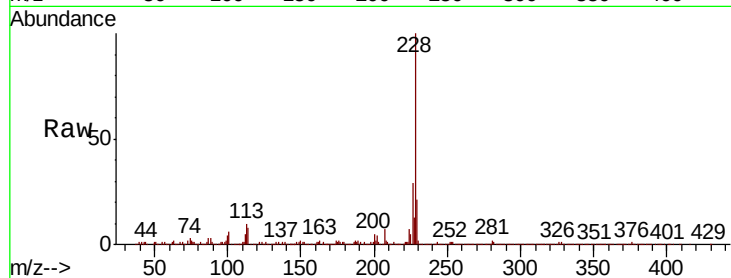
#85
Chrysene
Concen: 16.825 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM026983.D
Acq: 03 Aug 2020 17:59

Instrument :
BNA_M
ClientSampleId :
C0S88DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	20.8	15.5	23.3

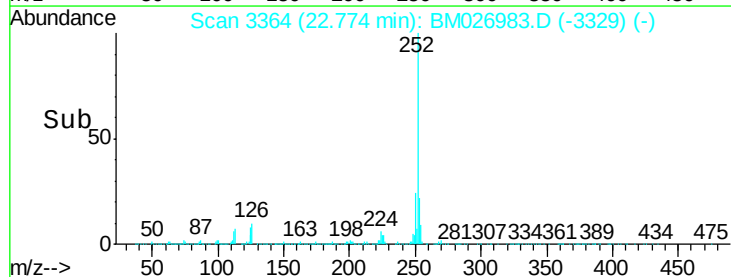
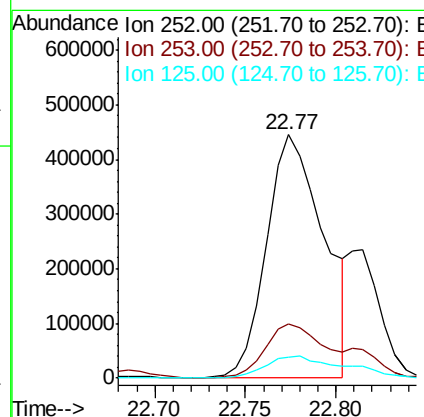
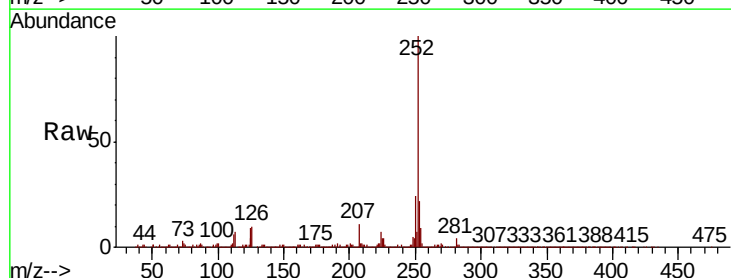
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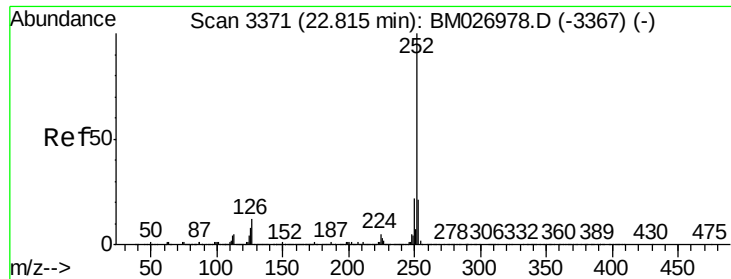
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#88
Benzo(b)fluoranthene
Concen: 29.712 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BM026983.D
Acq: 03 Aug 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.6	6.6	10.0





#89

Benzo(k)fluoranthene

Concen: 9.015 ng/ul m

RT: 22.82 min Scan# 3371

Delta R.T. -0.00 min

Lab File: BM026983.D

Acq: 03 Aug 2020 17:59

Instrument :

BNA_M

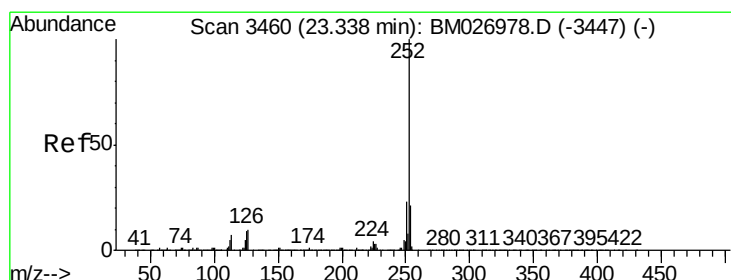
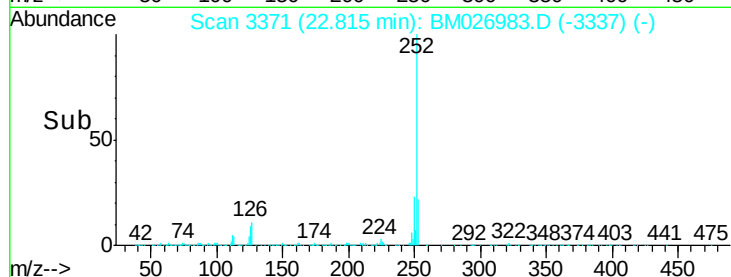
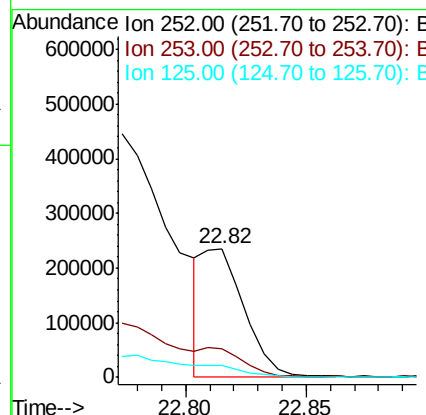
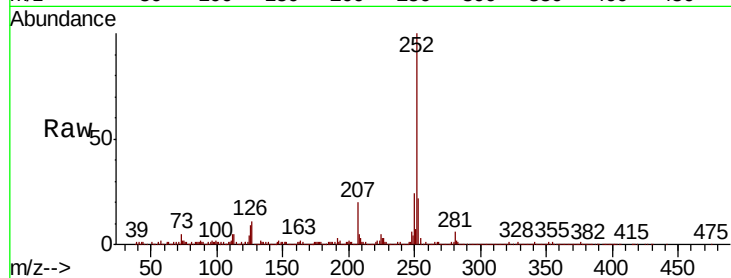
ClientSampled :

C0S88DL

Tot Ion:	252	Resp:	284074
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	9.4	7.3	10.9

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#91

Benzo(a)pyrene

Concen: 10.621 ng/ul

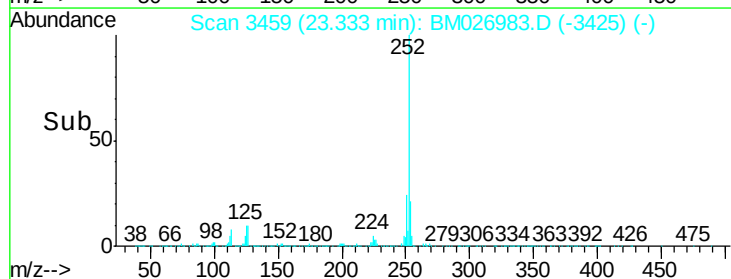
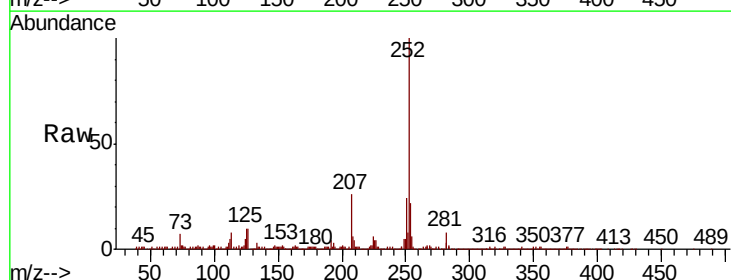
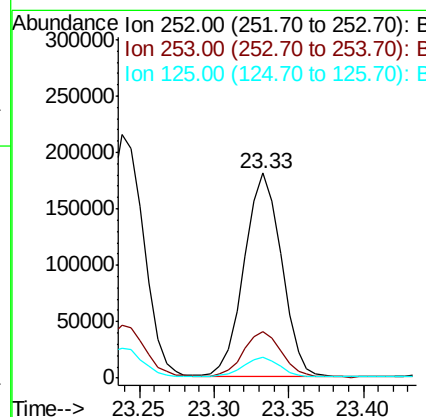
RT: 23.33 min Scan# 3459

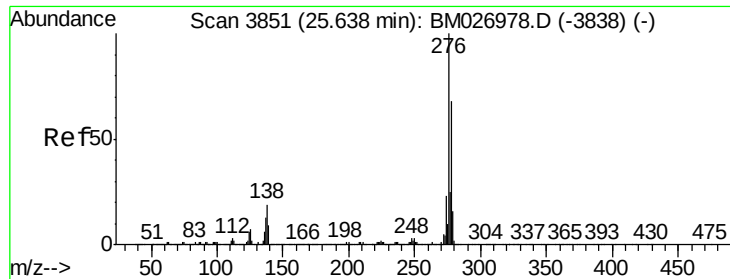
Delta R.T. -0.00 min

Lab File: BM026983.D

Acq: 03 Aug 2020 17:59

Tgt Ion:	252	Resp:	314737
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	10.0	8.2	12.2





#92

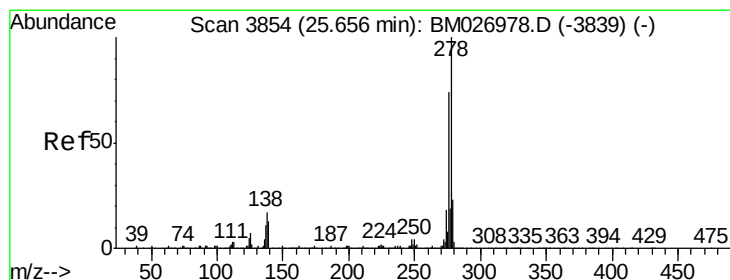
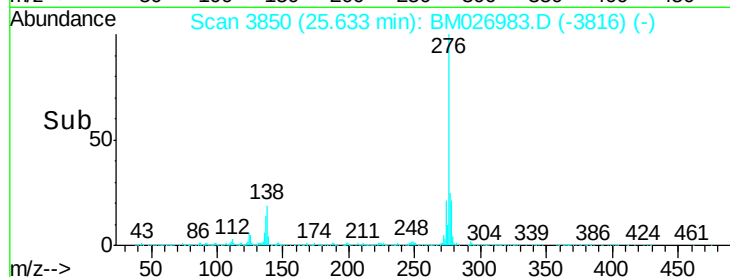
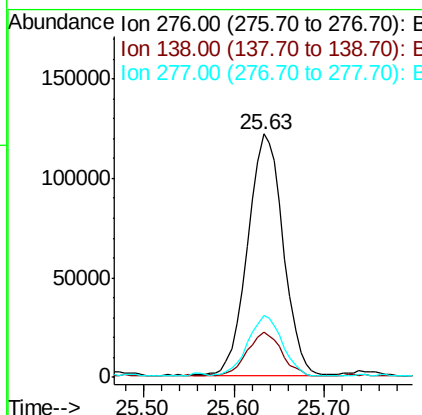
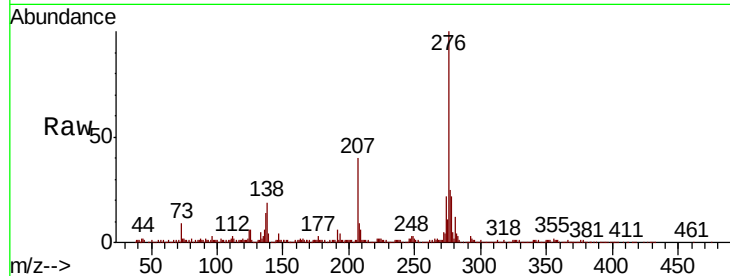
Indeno(1,2,3-cd)pyrene
Concen: 8.944 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. -0.00 min
Lab File: BM026983.D
Acq: 03 Aug 2020 17:59

Instrument :
BNA_M
ClientSampleId :
C0S88DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.0	25.4
277	25.2	20.6	30.8

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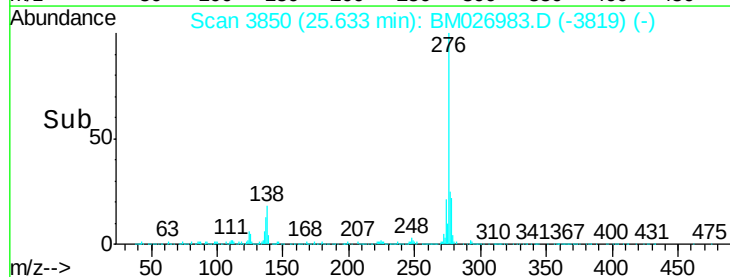
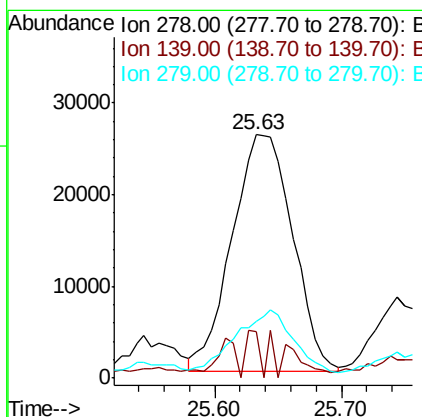
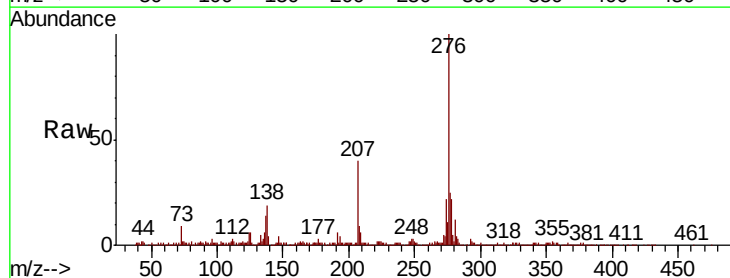
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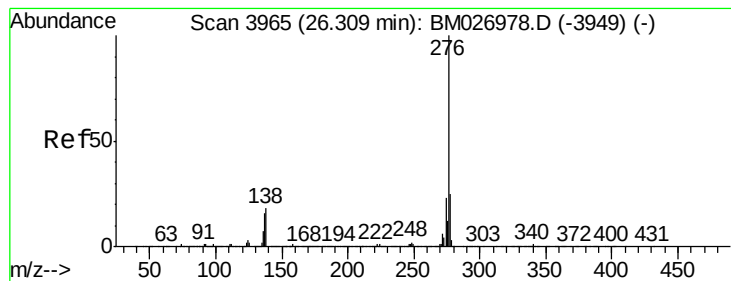


#93

Dibenzo(a,h)anthracene
Concen: 2.754 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. -0.02 min
Lab File: BM026983.D
Acq: 03 Aug 2020 17:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	10.9	16.3#
279	23.4	19.4	29.2





#94

Benzo(a,h,i)perylene

Concen: 3.334 ng/ul

RT: 26.31 min Scan# 3965

Delta R.T. -0.00 min

Lab File: BM026983.D

Acq: 03 Aug 2020 17:59

Instrument :

BNA_M

ClientSampleId :

C0S88DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	101361		
138	17.6		14.9	22.3
277	25.1		19.1	28.7

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