

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
 Data File : BM033215.D
 Acq On : 22 Nov 2021 13:45
 Operator : CG/JU
 Sample : M4642-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X3810

Quant Time: Nov 22 14:23:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

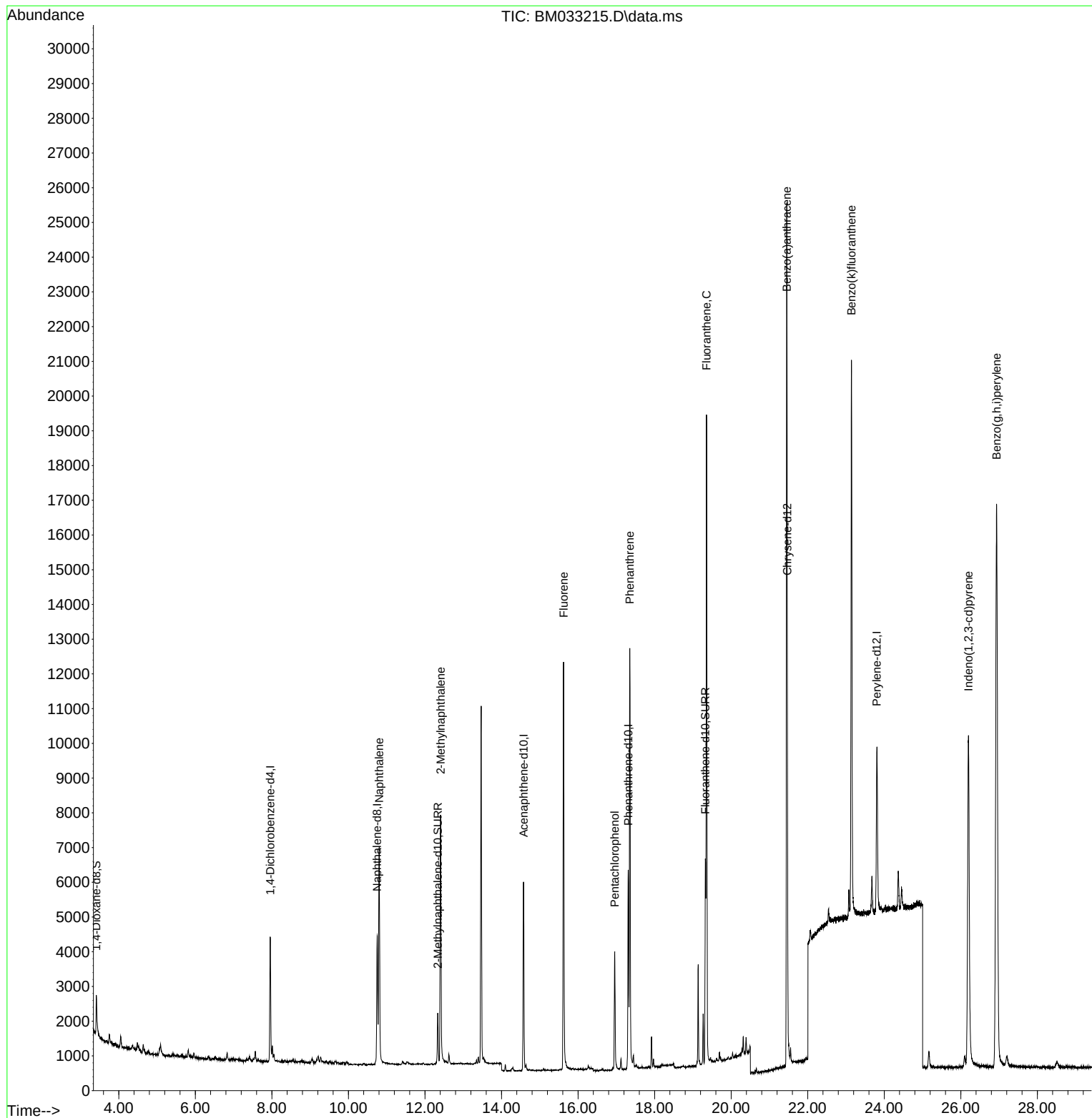
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	1972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	5531	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	3164	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	7047	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	7170	0.400	ng/ul	0.00
23) Perylene-d12	23.807	264	7094	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	783	0.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	2081	0.272	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	6628	0.319	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.805	128	9612	0.561	ng/ul	97
7) 2-Methylnaphthalene	12.411	142	5694	0.513	ng/ul	98
12) Fluorene	15.622	166	8192	0.598	ng/ul	96
14) Pentachlorophenol	16.958	266	2437	1.036	ng/ul	98
15) Phenanthrene	17.354	178	13999	0.548	ng/ul	100
19) Fluoranthene	19.356	202	16910	0.490	ng/ul	98
21) Benzo(a)anthracene	21.453	228	22574	0.882	ng/ul	98
25) Benzo(k)fluoranthene	23.143	252	22372	0.706	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.201	276	20586	0.613	ng/ul#	83
29) Benzo(g,h,i)perylene	26.935	276	36906	1.225	ng/ul	93

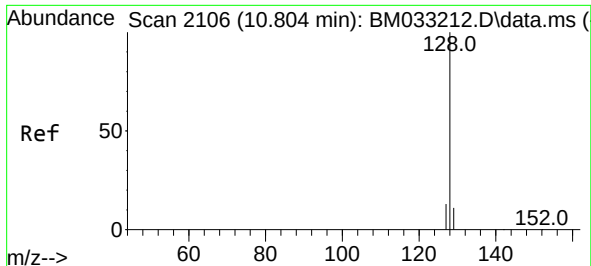
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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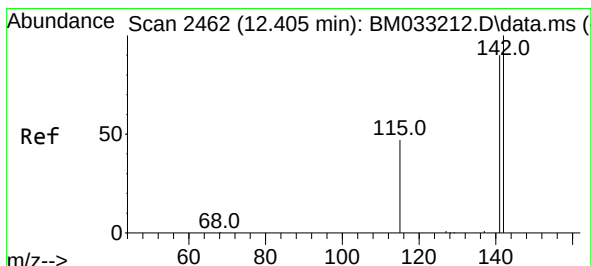
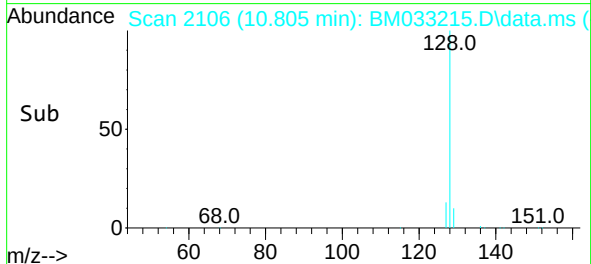
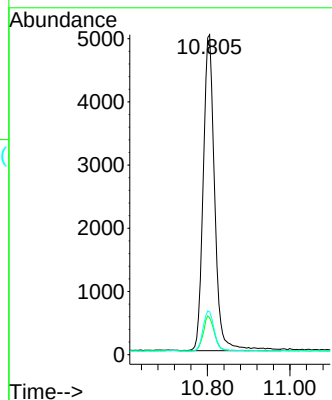
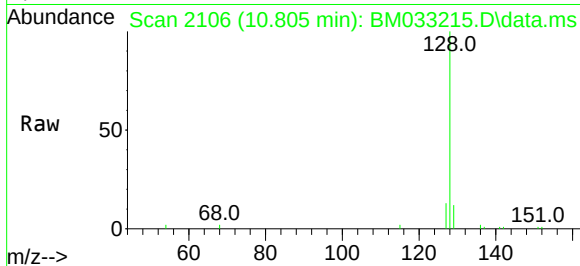




#5
Naphthalene
Concen: 0.561 ng/ul
RT: 10.805 min Scan# 2106
Delta R.T. -0.004 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

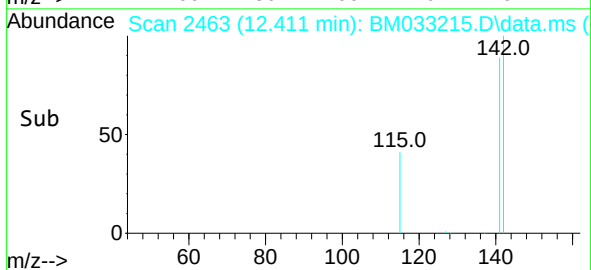
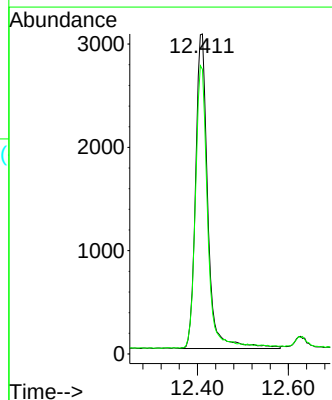
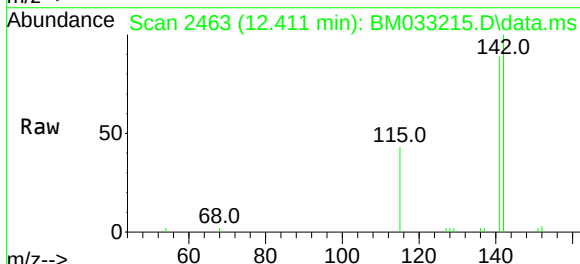
Instrument :
BNA_M
ClientSampleId :
X3810

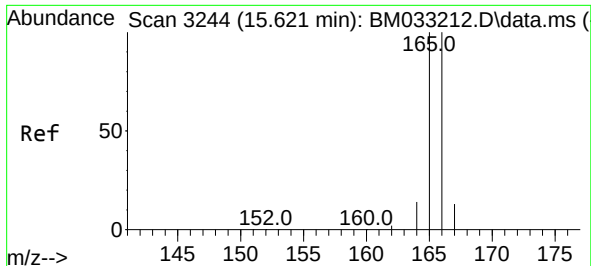
Tgt Ion:128	Resp:	9612
Ion Ratio	Lower	Upper
128	100	
129	11.5	9.8 14.6
127	13.5	11.8 17.8



#7
2-Methylnaphthalene
Concen: 0.513 ng/ul
RT: 12.411 min Scan# 2463
Delta R.T. -0.004 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

Tgt Ion:142	Resp:	5694
Ion Ratio	Lower	Upper
142	100	
141	89.7	73.3 109.9

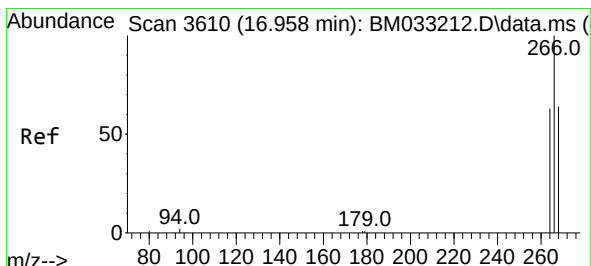
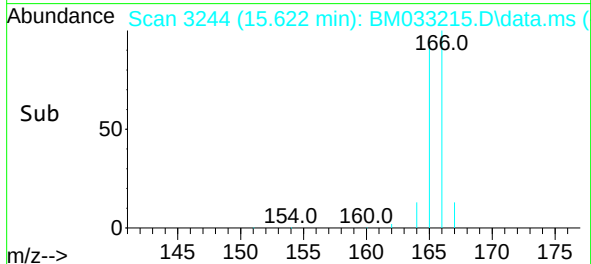
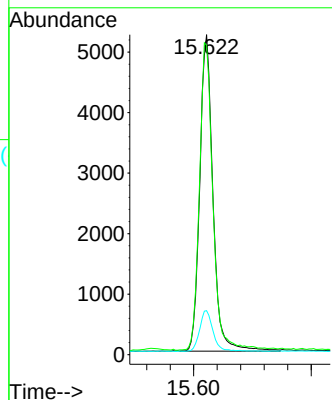
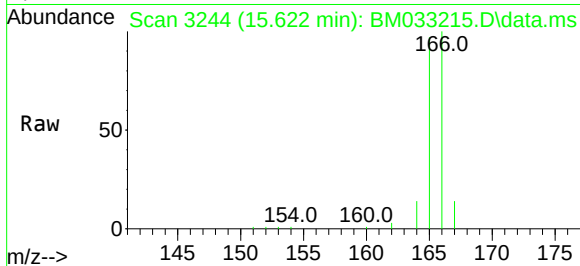




#12
Fluorene
Concen: 0.598 ng/ul
RT: 15.622 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

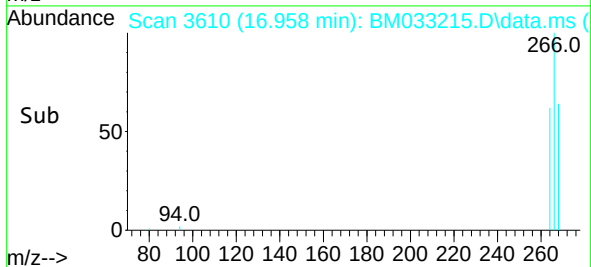
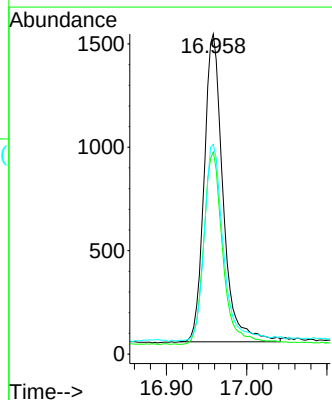
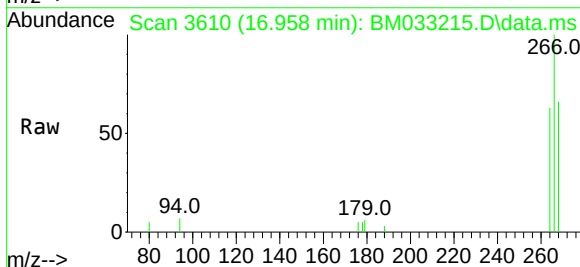
Instrument :
BNA_M
ClientSampleId :
X3810

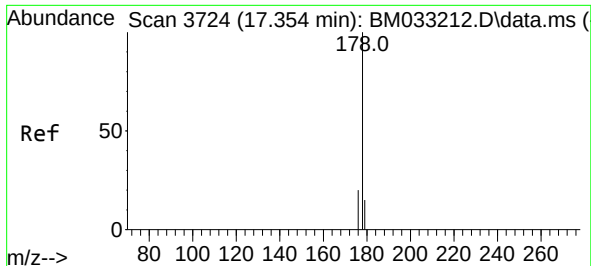
Tgt Ion:166 Resp: 8192
Ion Ratio Lower Upper
166 100
165 96.7 80.8 121.2
167 13.7 11.7 17.5



#14
Pentachlorophenol
Concen: 1.036 ng/ul
RT: 16.958 min Scan# 3610
Delta R.T. -0.007 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

Tgt Ion:266 Resp: 2437
Ion Ratio Lower Upper
266 100
264 63.5 51.2 76.8
268 63.9 52.9 79.3

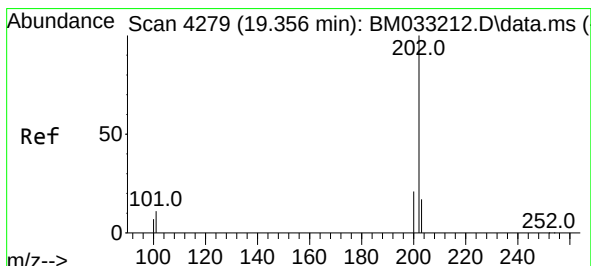
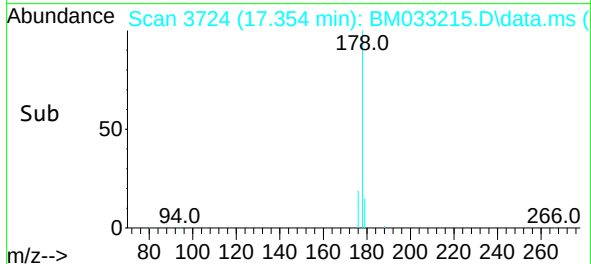
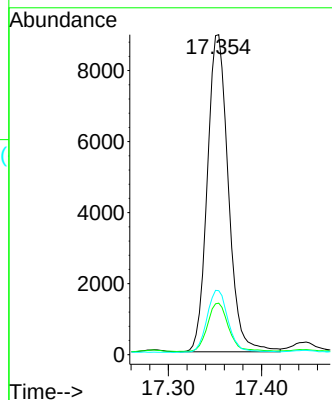
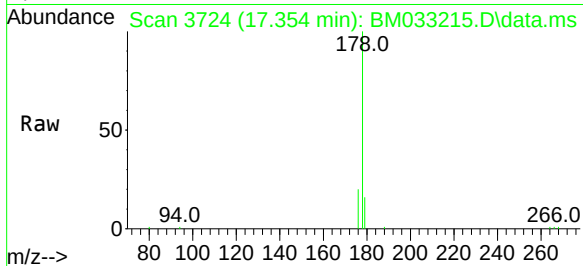




#15
Phenanthrene
Concen: 0.548 ng/ul
RT: 17.354 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

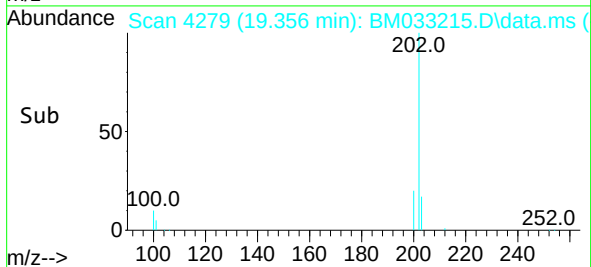
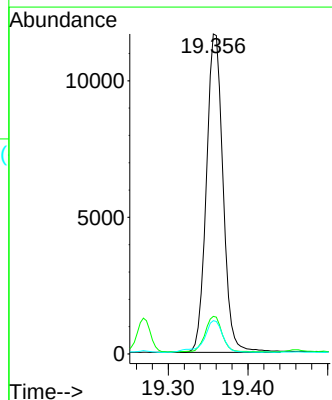
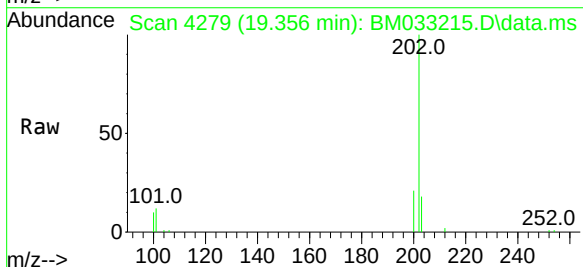
Instrument :
BNA_M
ClientSampleId :
X3810

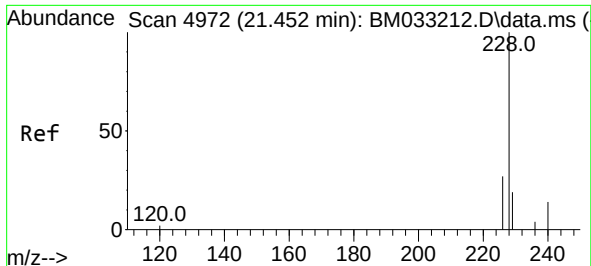
Tgt Ion:178 Resp: 13999
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.0 16.0 24.0



#19
Fluoranthene
Concen: 0.490 ng/ul
RT: 19.356 min Scan# 4279
Delta R.T. -0.005 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

Tgt Ion:202 Resp: 16910
Ion Ratio Lower Upper
202 100
101 11.7 9.9 14.9
100 10.4 7.3 10.9

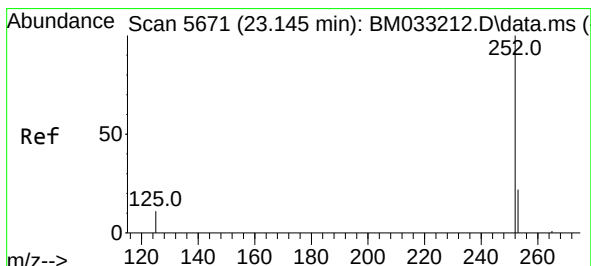
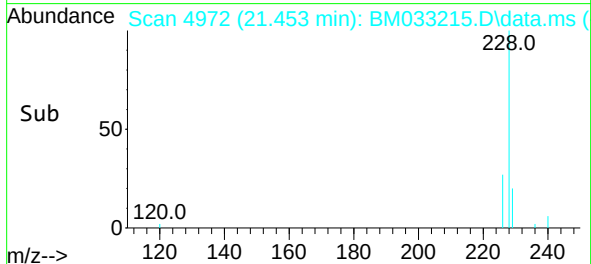
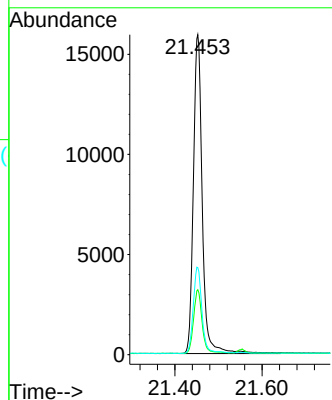
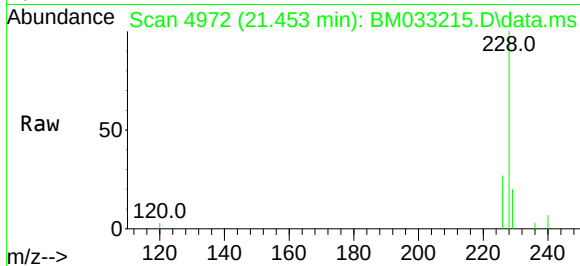




#21
Benzo(a)anthracene
Concen: 0.882 ng/ul
RT: 21.453 min Scan# 4972
Delta R.T. -0.003 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

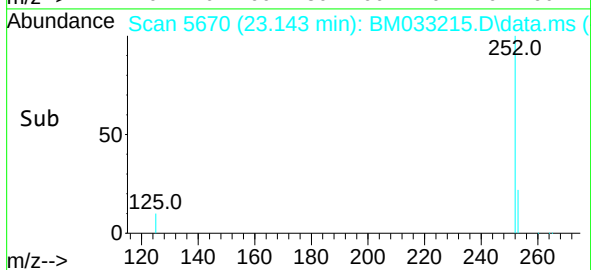
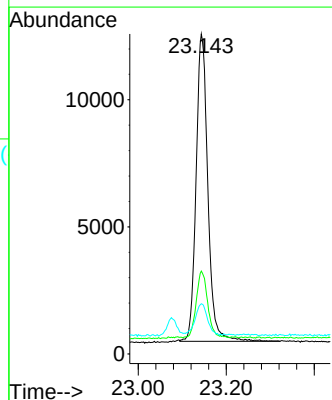
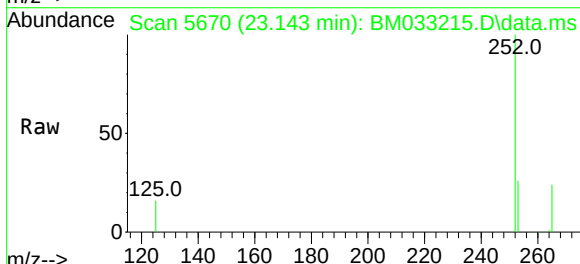
Instrument :
BNA_M
ClientSampleId :
X3810

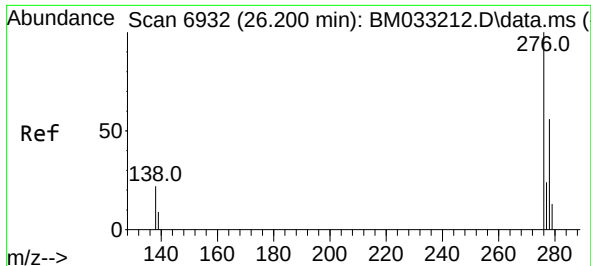
Tgt Ion:	228	Resp:	22574
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.7	23.5
226	27.2	22.4	33.6



#25
Benzo(k)fluoranthene
Concen: 0.706 ng/ul
RT: 23.143 min Scan# 5670
Delta R.T. -0.006 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

Tgt Ion:	252	Resp:	22372
Ion Ratio	Lower	Upper	
252	100		
253	25.9	23.1	34.7
125	15.7	14.6	21.8

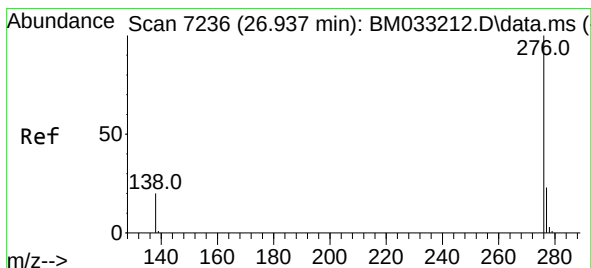
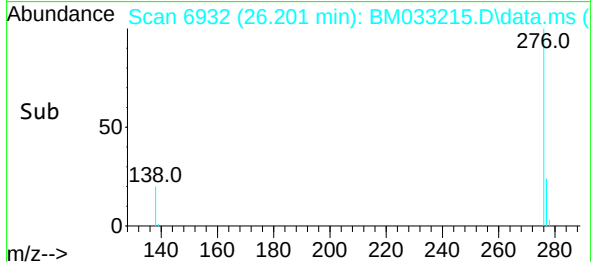
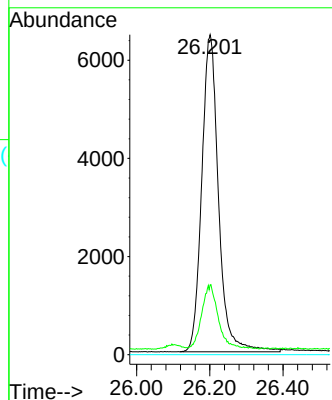
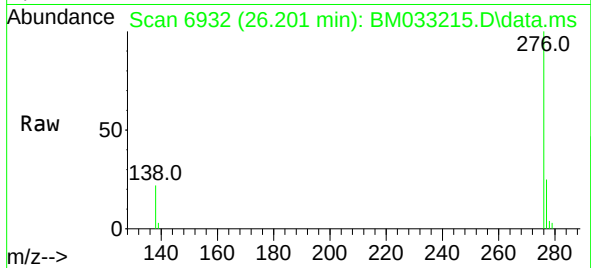




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.613 ng/ul
RT: 26.201 min Scan# 6932
Delta R.T. -0.006 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

Instrument :
BNA_M
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X3810

Tgt Ion:276 Resp: 20586
Ion Ratio Lower Upper
276 100
138 19.7 22.9 34.3#
227 0.0 0.0 0.0



#29
Benzo(g,h,i)perylene
Concen: 1.225 ng/ul
RT: 26.935 min Scan# 7235
Delta R.T. -0.003 min
Lab File: BM033215.D
Acq: 22 Nov 2021 13:45

Tgt Ion:276 Resp: 36906
Ion Ratio Lower Upper
276 100
138 22.5 22.2 33.2
277 23.9 21.0 31.4

