

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033176.D
 Acq On : 19 Nov 2021 15:04
 Operator : CG/JU
 Sample : SST03.261
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 15:35:48 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 15:17:48 2021
 Response via : Initial Calibration

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

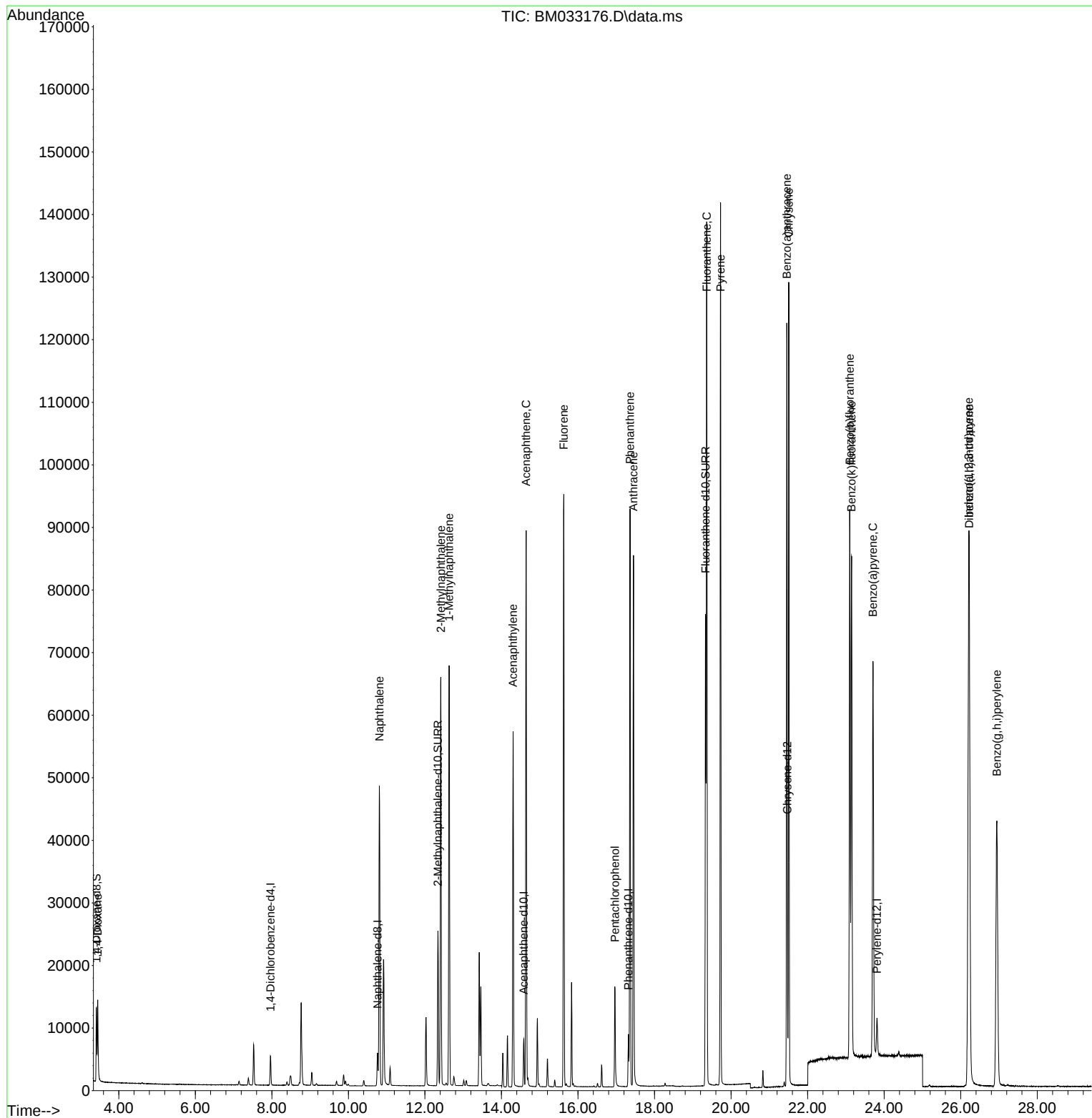
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2442	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	6958	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	4313	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	9682	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	9856	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	8153	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	7023	2.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	30910	3.128	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	80740	2.702	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.451	88	8156	2.547	ng/ul	89
5) Naphthalene	10.810	128	66193	3.276	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	45083	3.221	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	44535	3.250	ng/ul	100
10) Acenaphthylene	14.303	152	64845	3.457	ng/ul#	98
11) Acenaphthene	14.644	153	51159	3.124	ng/ul	98
12) Fluorene	15.626	166	60463	3.131	ng/ul	98
14) Pentachlorophenol	16.963	266	11295	4.477	ng/ul	98
15) Phenanthrene	17.358	178	97338	3.026	ng/ul	99
16) Anthracene	17.448	178	92806	3.282	ng/ul	98
19) Fluoranthene	19.361	202	117939	2.552	ng/ul	96
20) Pyrene	19.723	202	118210	2.458	ng/ul	94
21) Benzo(a)anthracene	21.456	228	107039	2.941	ng/ul	99
22) Chrysene	21.507	228	109043	2.657	ng/ul	98
24) Benzo(b)fluoranthene	23.100	252	114375	3.058	ng/ul	86
25) Benzo(k)fluoranthene	23.146	252	110979	2.767	ng/ul#	86
26) Benzo(a)pyrene	23.706	252	97217	3.153	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.209	276	113892	3.209	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.223	278	91715	3.263	ng/ul#	87
29) Benzo(g,h,i)perylene	26.943	276	96120	3.122	ng/ul#	91

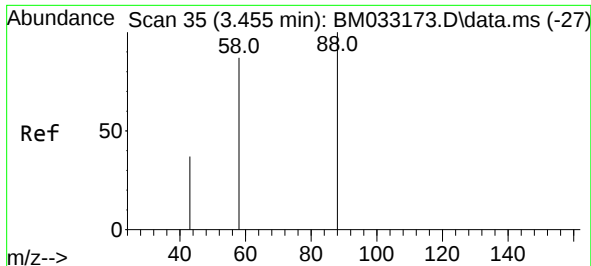
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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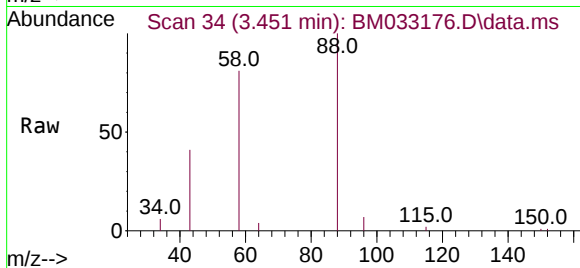
Quant Time: Nov 19 15:35:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
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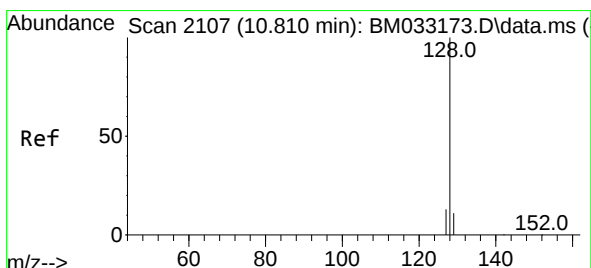
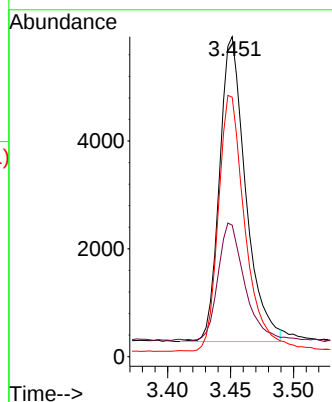
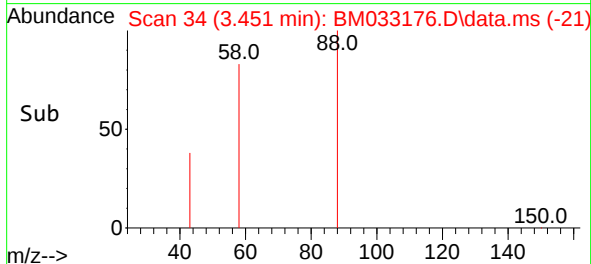


#2
1,4-Dioxane
Concen: 2.547 ng/ul
RT: 3.451 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Instrument :
BNA_M
ClientSampleId :

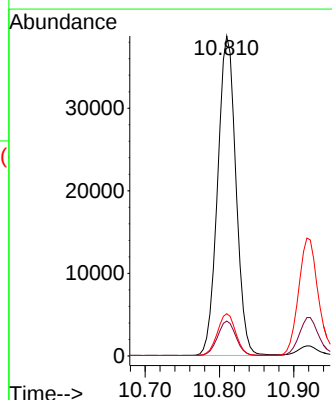
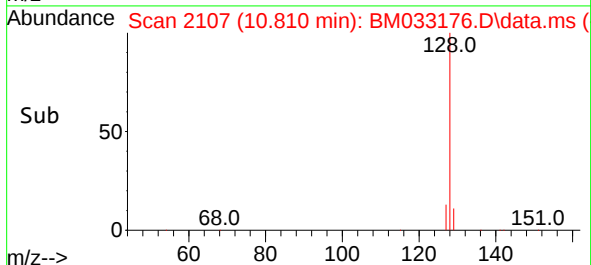
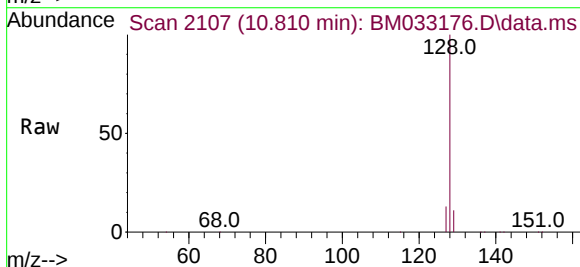


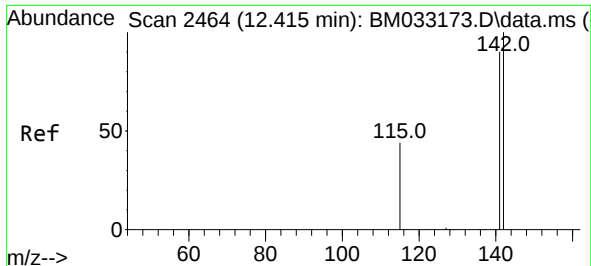
Tgt Ion: 88 Resp: 8156
Ion Ratio Lower Upper
88 100
43 41.1 35.8 53.8
58 81.1 55.8 83.8



#5
Naphthalene
Concen: 3.276 ng/ul
RT: 10.810 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

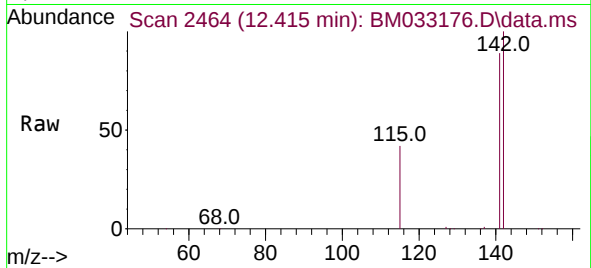
Tgt Ion: 128 Resp: 66193
Ion Ratio Lower Upper
128 100
129 10.9 9.8 14.6
127 13.2 11.8 17.8



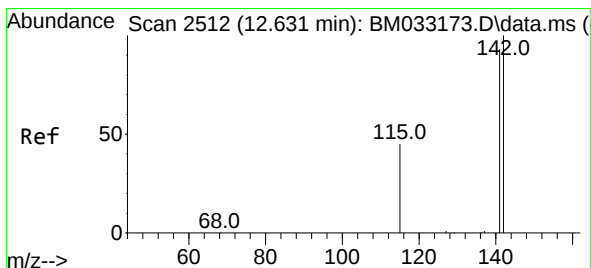
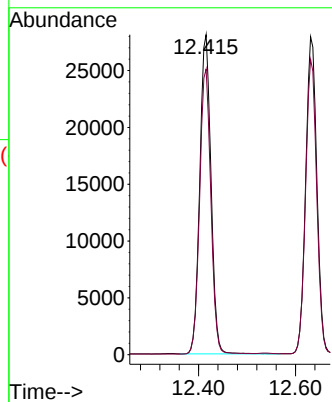
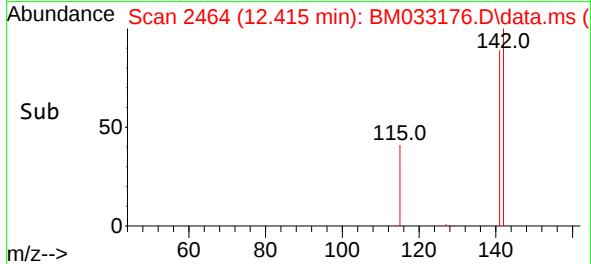


#7
2-Methylnaphthalene
Concen: 3.221 ng/ul
RT: 12.415 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

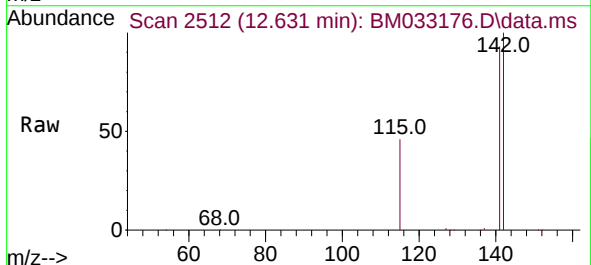
Instrument :
BNA_M
ClientSampleId :



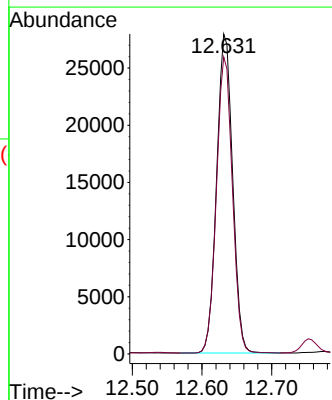
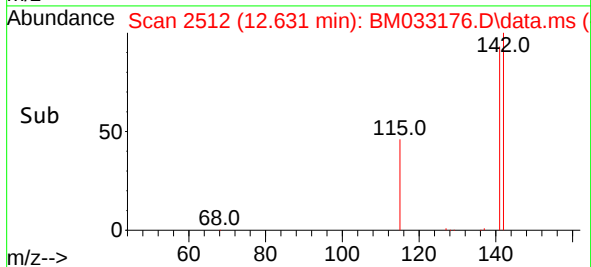
Tgt Ion:142 Resp: 45083
Ion Ratio Lower Upper
142 100
141 89.3 73.3 109.9

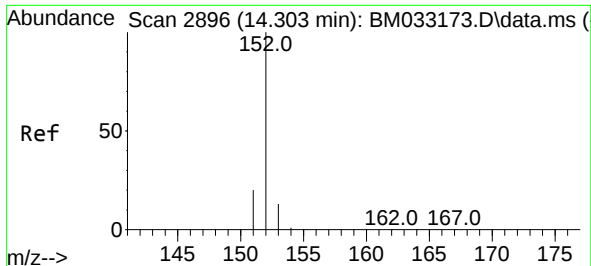


#8
1-Methylnaphthalene
Concen: 3.250 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04



Tgt Ion:142 Resp: 44535
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

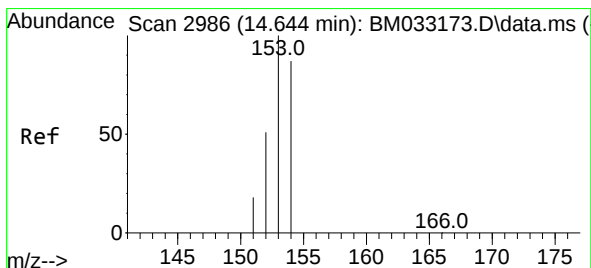
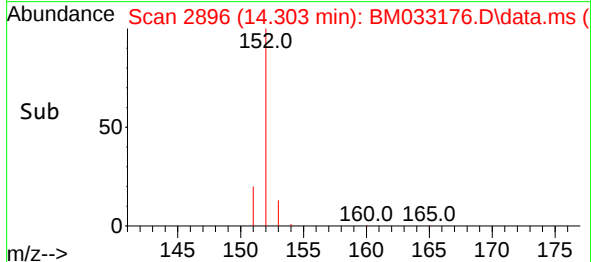
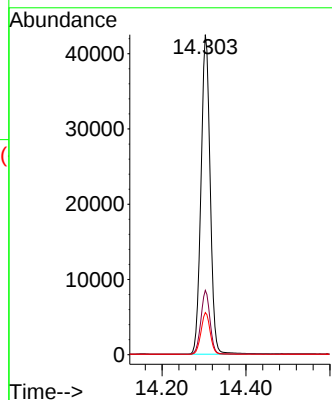
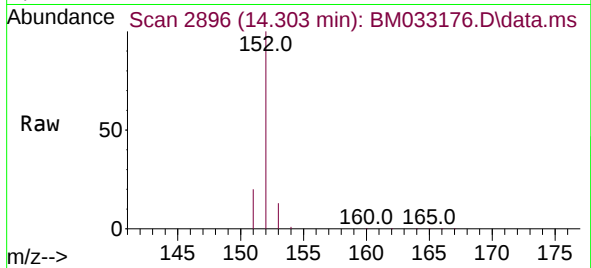




#10
Acenaphthylene
Concen: 3.457 ng/ul
RT: 14.303 min Scan# 2896
Delta R.T. 0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

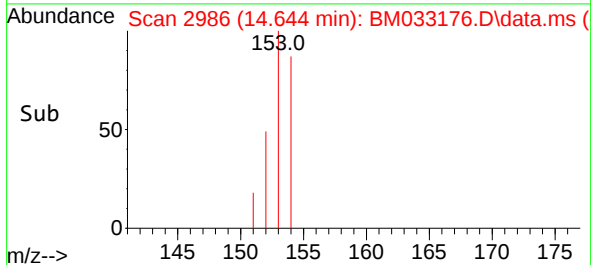
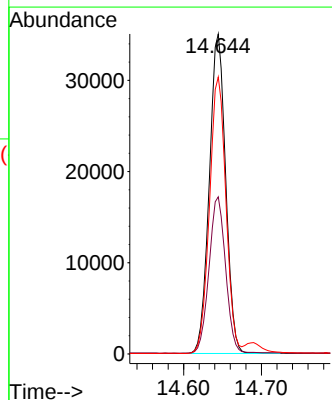
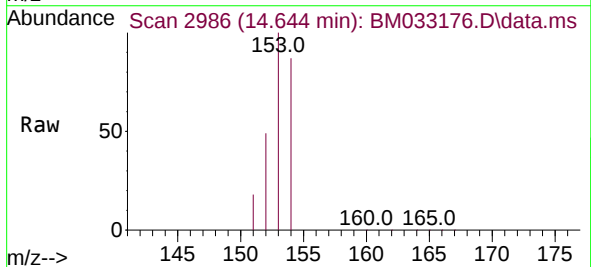
Instrument :
BNA_M
ClientSampleId :

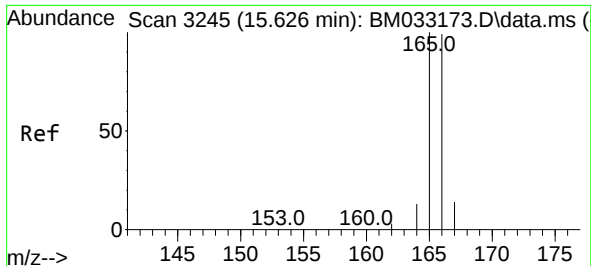
Tgt Ion:152 Resp: 64845
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1
153 13.1 0.0 0.0#



#11
Acenaphthene
Concen: 3.124 ng/ul
RT: 14.644 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Tgt Ion:153 Resp: 51159
Ion Ratio Lower Upper
153 100
152 49.1 40.6 60.8
154 86.5 70.8 106.2

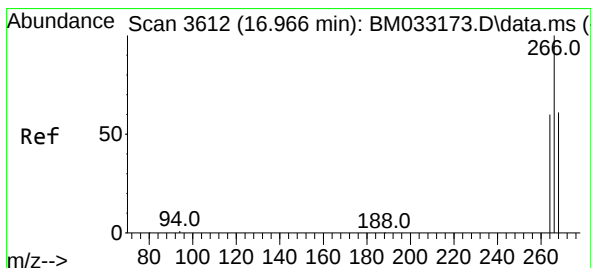
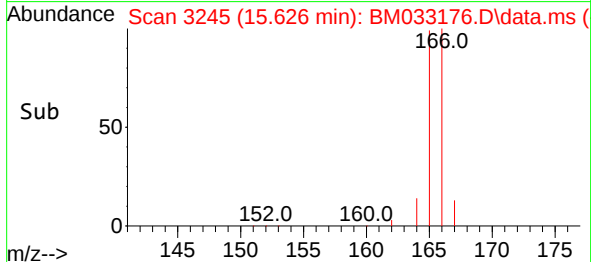
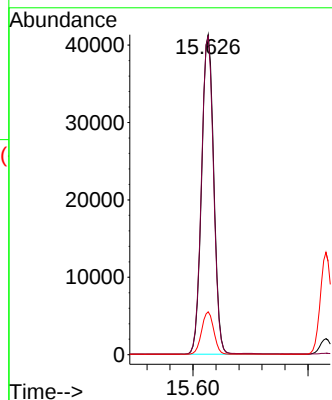
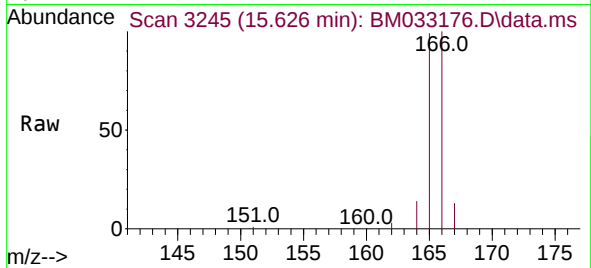




#12
Fluorene
Concen: 3.131 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

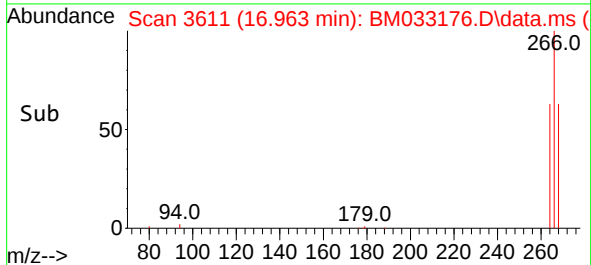
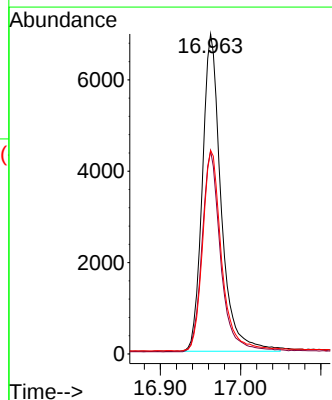
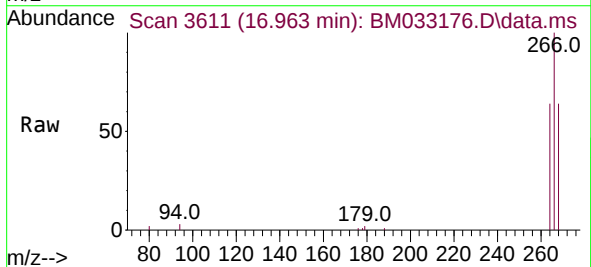
Instrument :
BNA_M
ClientSampleId :

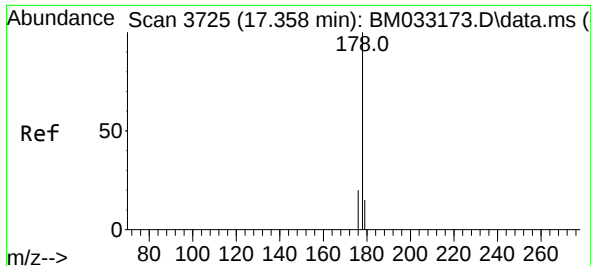
Tgt Ion:166 Resp: 60463
Ion Ratio Lower Upper
166 100
165 99.4 80.8 121.2
167 13.4 11.7 17.5



#14
Pentachlorophenol
Concen: 4.477 ng/ul
RT: 16.963 min Scan# 3611
Delta R.T. -0.003 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Tgt Ion:266 Resp: 11295
Ion Ratio Lower Upper
266 100
264 62.6 51.2 76.8
268 63.9 52.9 79.3

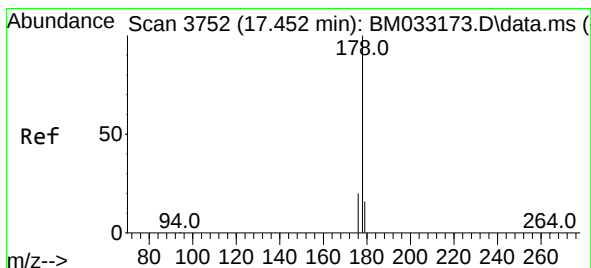
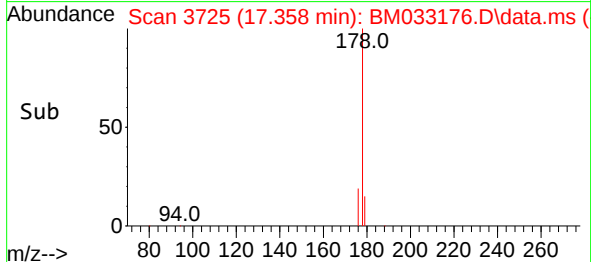
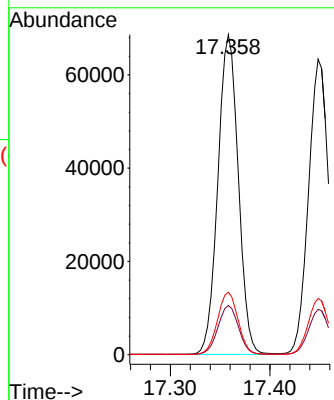
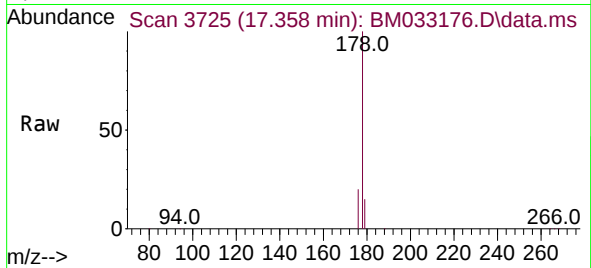




#15
Phenanthrene
Concen: 3.026 ng/u1
RT: 17.358 min Scan# 3725
Delta R.T. 0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

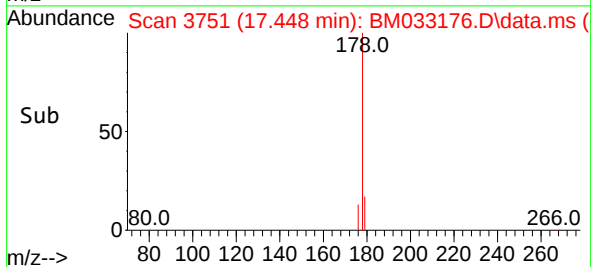
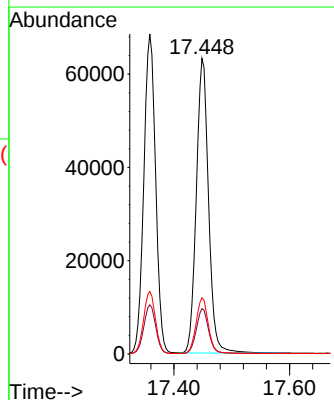
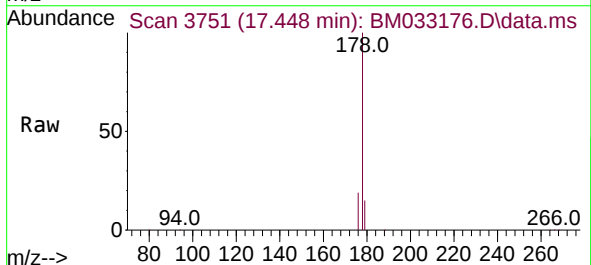
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ClientSampleId :

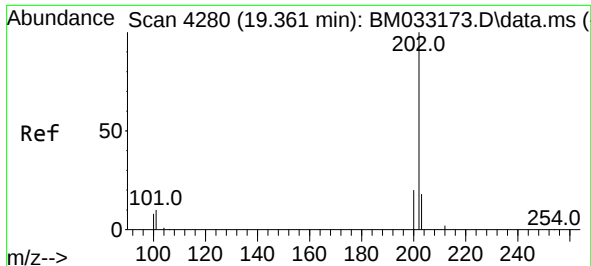
Tgt Ion:178 Resp: 97338
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.5 16.0 24.0



#16
Anthracene
Concen: 3.282 ng/u1
RT: 17.448 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Tgt Ion:178 Resp: 92806
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.0 15.6 23.4

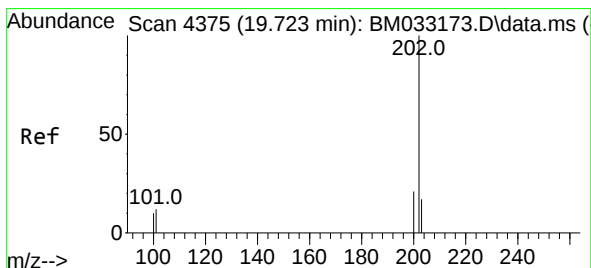
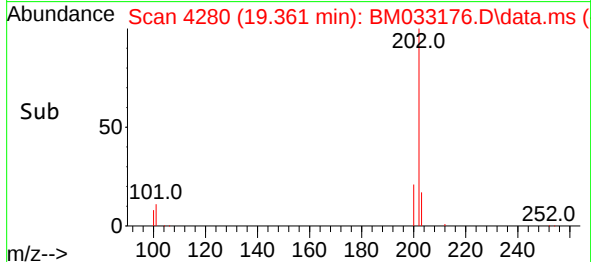
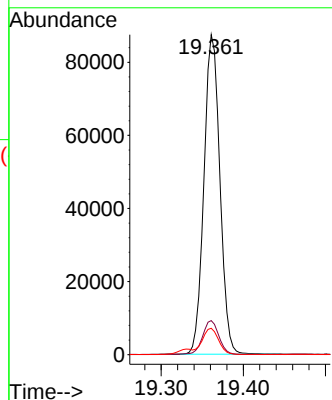
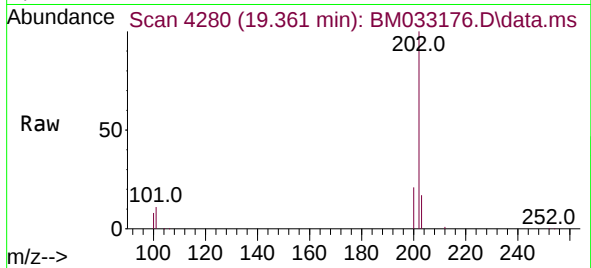




#19
Fluoranthene
Concen: 2.552 ng/ul
RT: 19.361 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

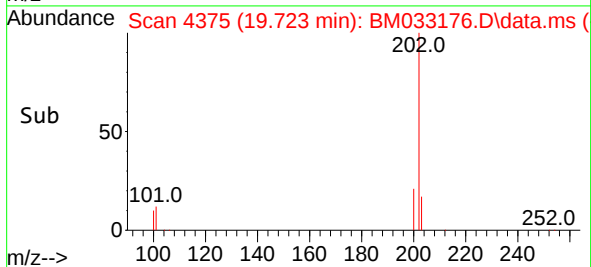
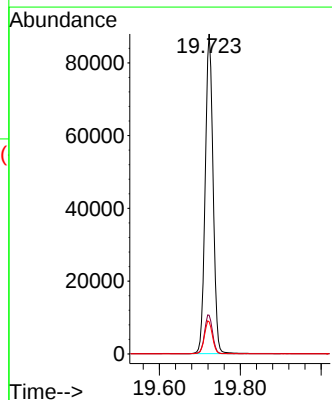
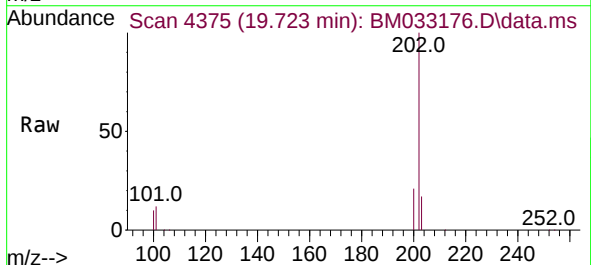
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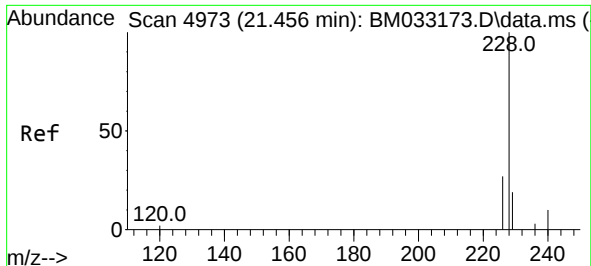
Tgt Ion:202 Resp: 117939
Ion Ratio Lower Upper
202 100
101 10.6 9.9 14.9
100 8.3 7.3 10.9



#20
Pyrene
Concen: 2.458 ng/ul
RT: 19.723 min Scan# 4375
Delta R.T. -0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Tgt Ion:202 Resp: 118210
Ion Ratio Lower Upper
202 100
101 12.1 11.8 17.6
100 10.0 9.5 14.3

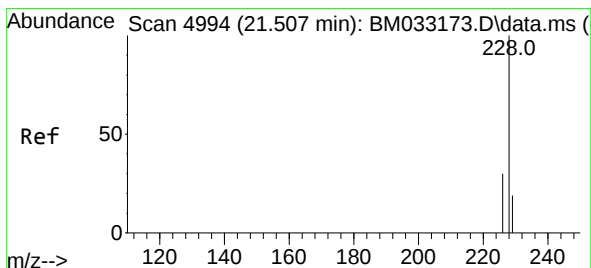
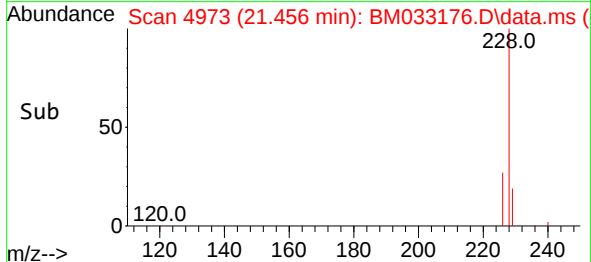
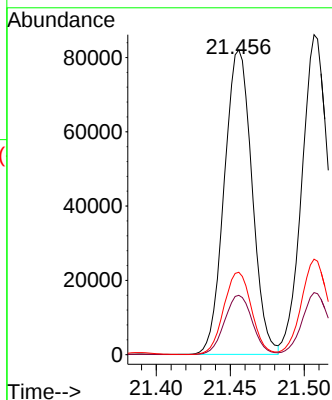
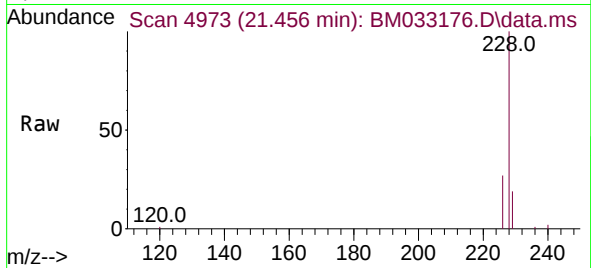




#21
Benzo(a)anthracene
Concen: 2.941 ng/ul
RT: 21.456 min Scan# 4973
Delta R.T. -0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

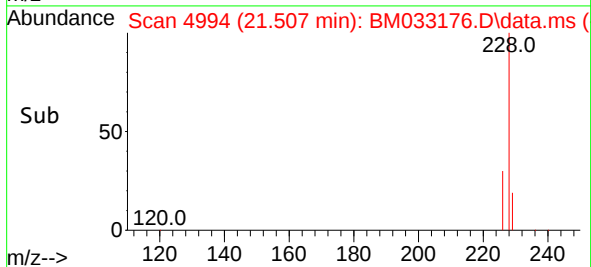
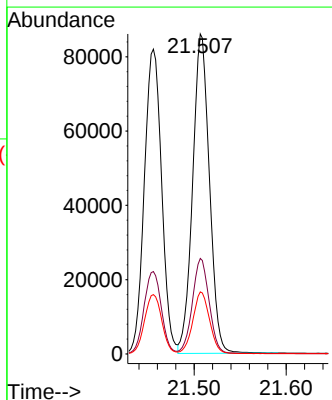
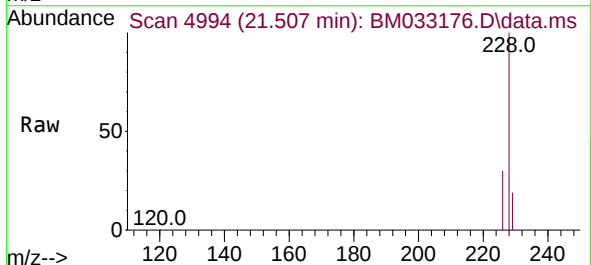
Instrument :
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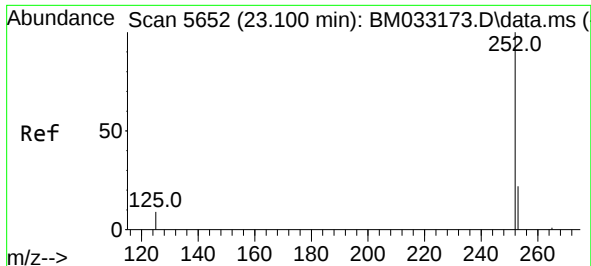
Tgt Ion:228 Resp: 107039
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.1 22.4 33.6



#22
Chrysene
Concen: 2.657 ng/ul
RT: 21.507 min Scan# 4994
Delta R.T. -0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Tgt Ion:228 Resp: 109043
Ion Ratio Lower Upper
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226 29.9 24.9 37.3
229 19.4 16.1 24.1

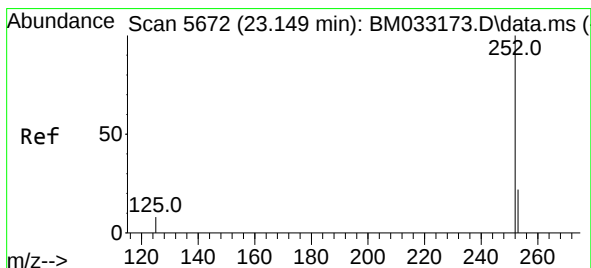
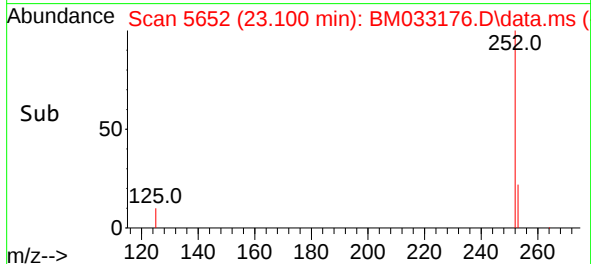
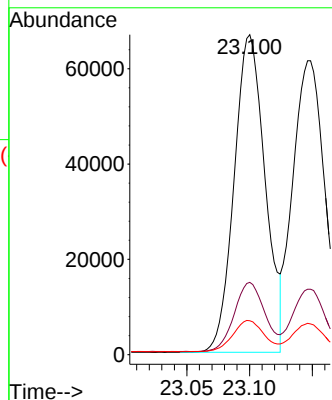
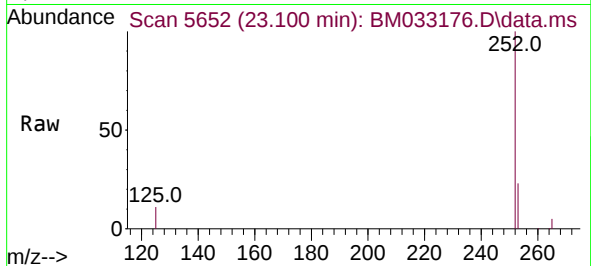




#24
Benzo(b)fluoranthene
Concen: 3.058 ng/ul
RT: 23.100 min Scan# 5652
Delta R.T. -0.000 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

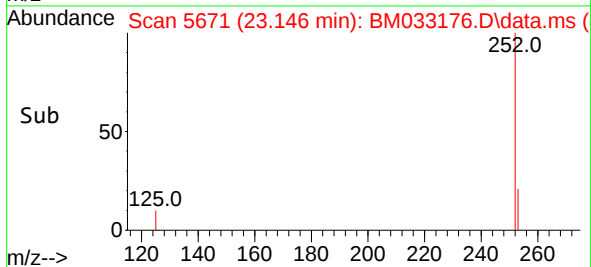
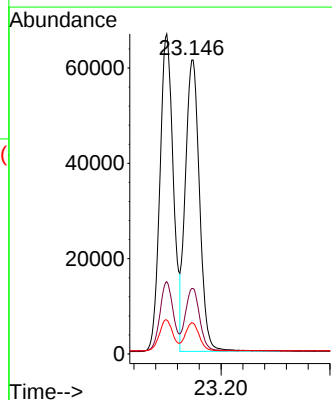
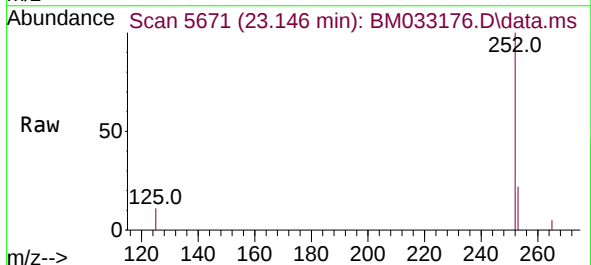
Instrument :
BNA_M
ClientSampleId :

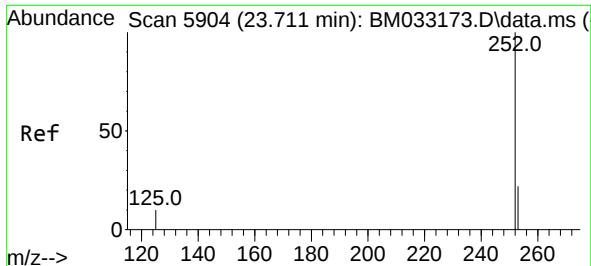
Tgt Ion:252 Resp: 114375
Ion Ratio Lower Upper
252 100
253 22.6 0.0 59.2
125 10.6 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 2.767 ng/ul
RT: 23.146 min Scan# 5671
Delta R.T. -0.003 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

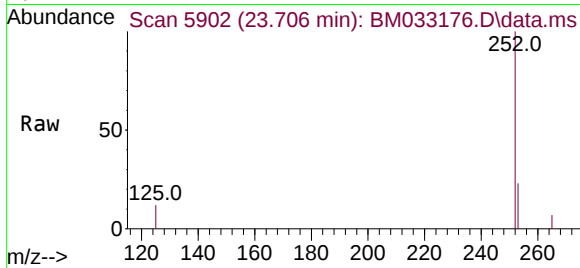
Tgt Ion:252 Resp: 110979
Ion Ratio Lower Upper
252 100
253 22.3 23.1 34.7#
125 10.7 14.6 21.8#



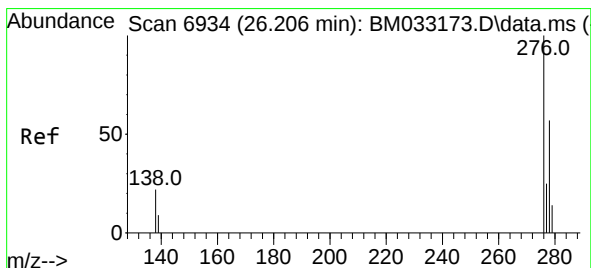
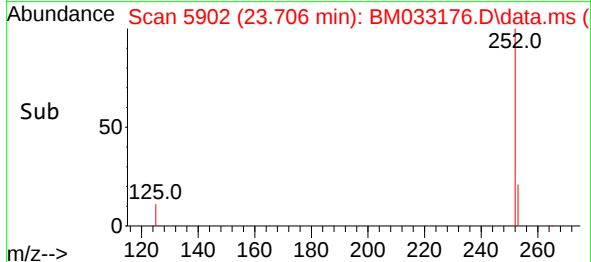
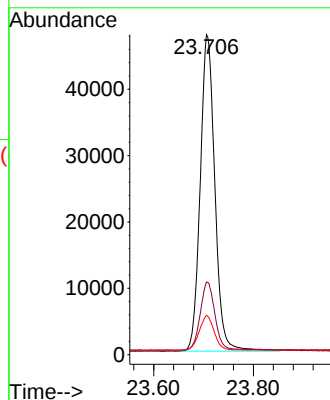


#26
Benzo(a)pyrene
Concen: 3.153 ng/ul
RT: 23.706 min Scan# 5902
Delta R.T. -0.005 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Instrument :
BNA_M
ClientSampleId :

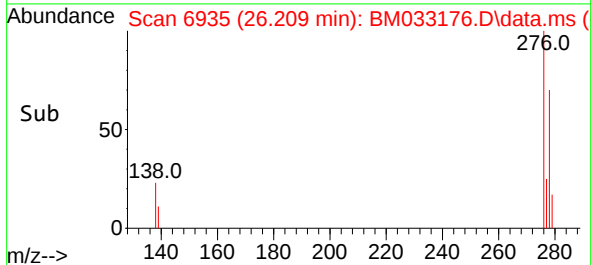
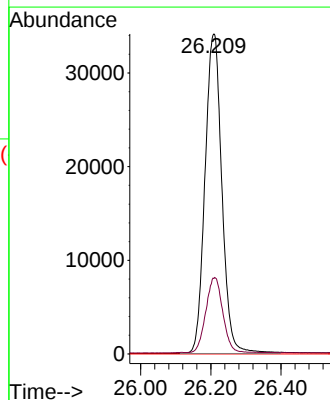
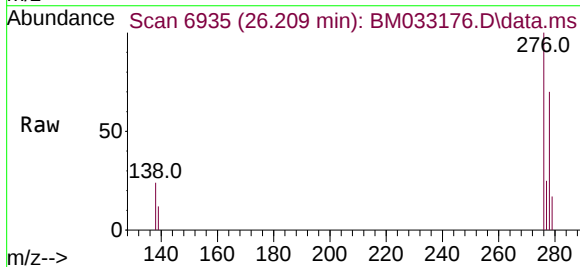


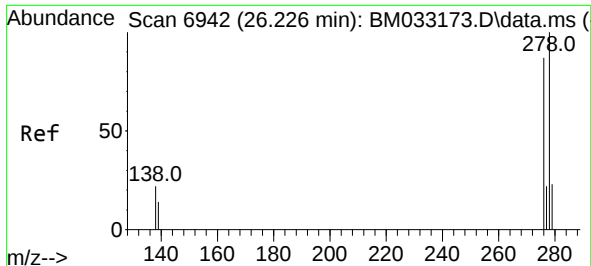
Tgt Ion:252 Resp: 97217
Ion Ratio Lower Upper
252 100
253 22.7 27.1 40.7#
125 12.3 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.209 ng/ul
RT: 26.209 min Scan# 6935
Delta R.T. 0.002 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

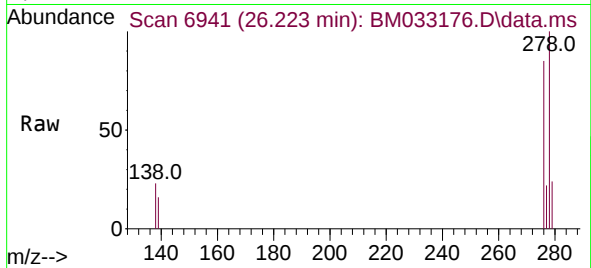
Tgt Ion:276 Resp: 113892
Ion Ratio Lower Upper
276 100
138 23.7 22.9 34.3
227 0.0 0.0 0.0



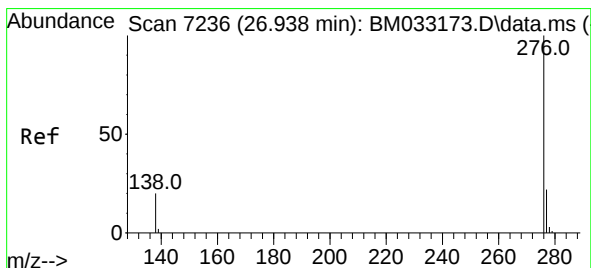
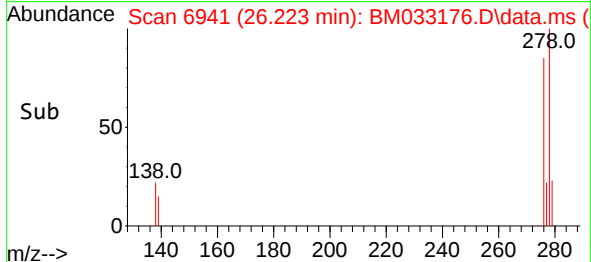
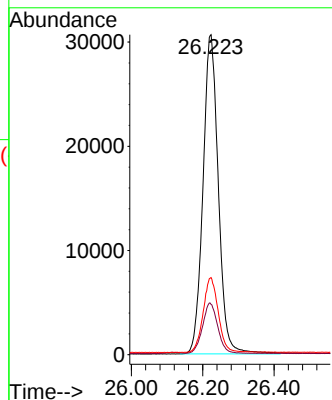


#28
Dibenzo(a,h)anthracene
Concen: 3.263 ng/ul
RT: 26.223 min Scan# 6941
Delta R.T. -0.003 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 91715
Ion Ratio Lower Upper
278 100
139 15.7 18.2 27.2#
279 24.1 24.6 36.8#



#29
Benzo(g,h,i)perylene
Concen: 3.122 ng/ul
RT: 26.943 min Scan# 7238
Delta R.T. 0.005 min
Lab File: BM033176.D
Acq: 19 Nov 2021 15:04

Tgt Ion:276 Resp: 96120
Ion Ratio Lower Upper
276 100
138 21.1 22.2 33.2#
277 23.6 21.0 31.4

