

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032211.D
 Acq On : 27 Sep 2021 18:52
 Operator : CG/JU
 Sample : PB139377BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS377

Quant Time: Sep 28 02:29:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

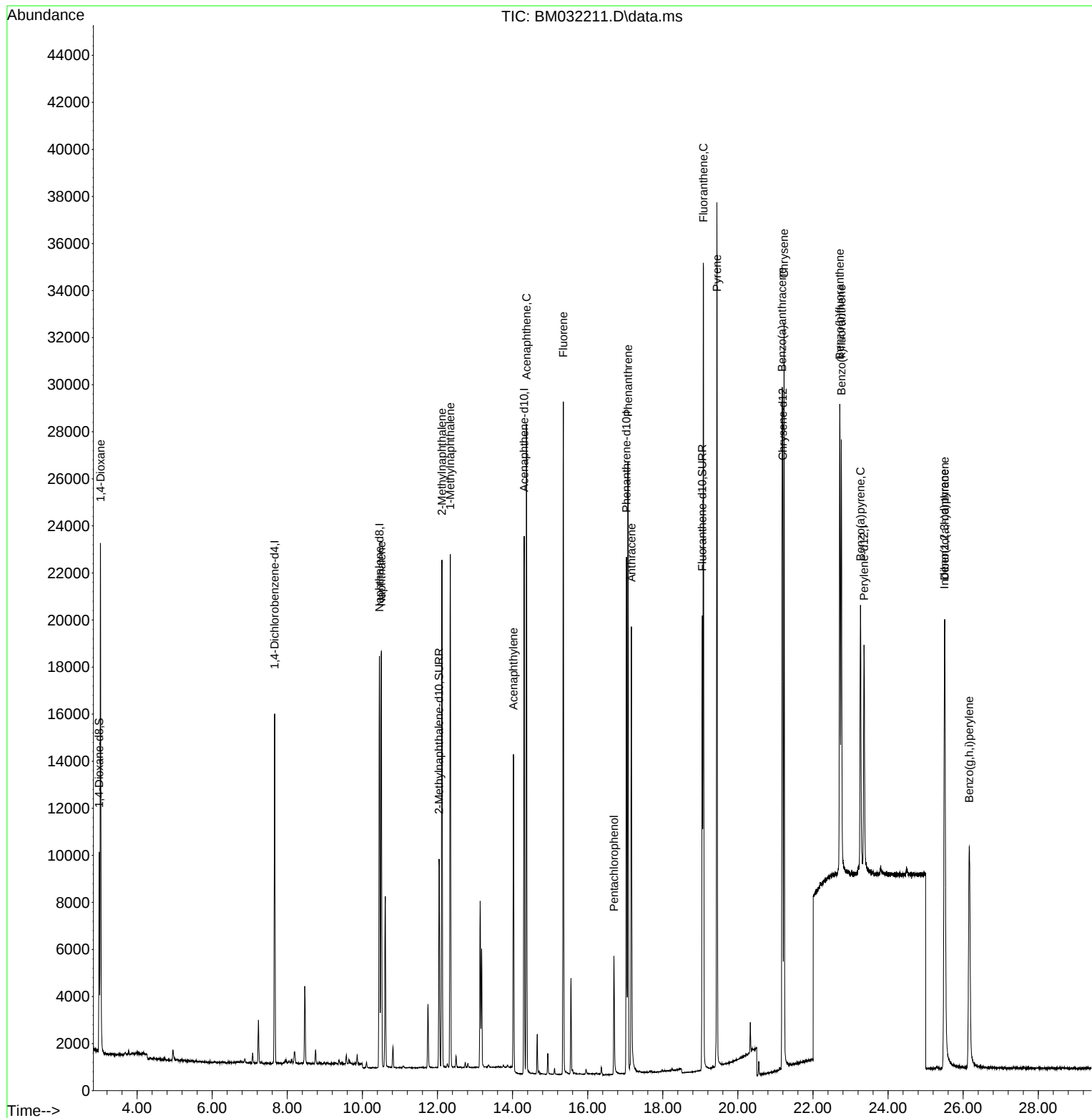
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	6927	0.400	ng/ul	0.00
4) Naphthalene-d8	10.456	136	22370	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.308	164	11325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.033	188	22908	0.400	ng/ul	0.00
17) Chrysene-d12	21.196	240	16882	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	12122	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	5175	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.044	152	10825	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	19222	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.027	88	14189	1.852	ng/ul	90
5) Naphthalene	10.506	128	22885	0.345	ng/ul	100
7) 2-Methylnaphthalene	12.120	142	14645	0.345	ng/ul	100
8) 1-Methylnaphthalene	12.341	142	13935	0.336	ng/ul	100
10) Acenaphthylene	14.024	152	15200	0.335	ng/ul	100
11) Acenaphthene	14.369	153	14579	0.349	ng/ul	99
12) Fluorene	15.351	166	16543	0.349	ng/ul	100
14) Pentachlorophenol	16.700	266	3439	0.594	ng/ul	98
15) Phenanthrene	17.075	178	25967	0.348	ng/ul	100
16) Anthracene	17.165	178	20671	0.336	ng/ul	99
19) Fluoranthene	19.084	202	27754	0.394	ng/ul	99
20) Pyrene	19.442	202	27688	0.392	ng/ul	99
21) Benzo(a)anthracene	21.179	228	21204	0.355	ng/ul	99
22) Chrysene	21.230	228	25274	0.362	ng/ul	100
24) Benzo(b)fluoranthene	22.714	252	23348	0.371	ng/ul	94
25) Benzo(k)fluoranthene	22.755	252	22866	0.376	ng/ul	94
26) Benzo(a)pyrene	23.264	252	16828	0.356	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.502	276	20200	0.334	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.510	278	16560	0.337	ng/ul	97
29) Benzo(g,h,i)perylene	26.162	276	19384	0.339	ng/ul	99

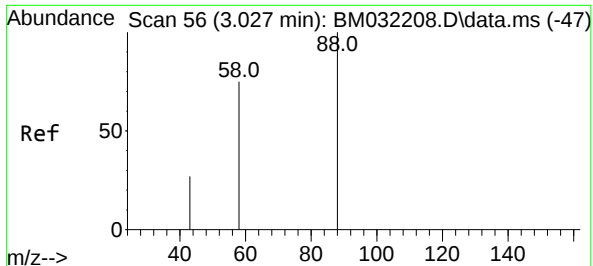
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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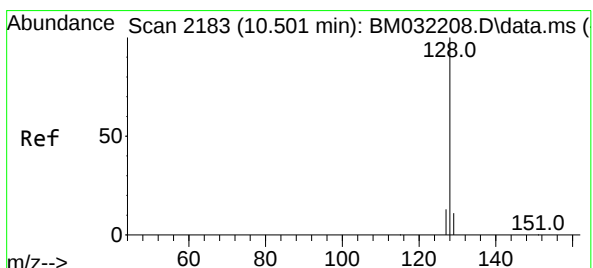
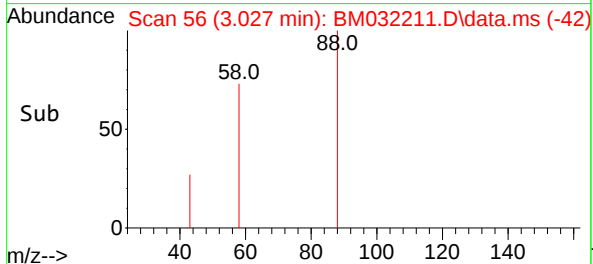
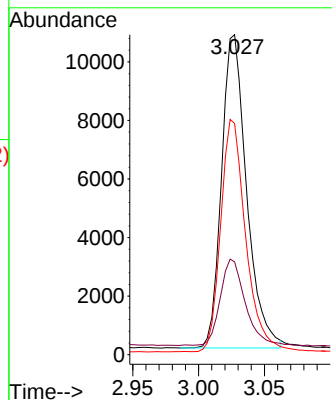
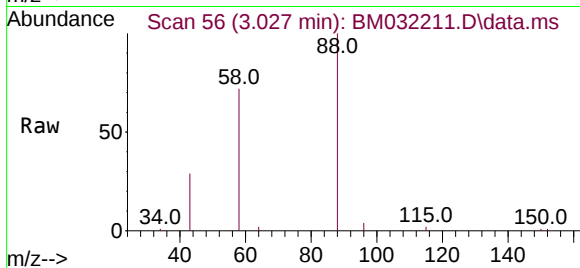




#2
1,4-Dioxane
Concen: 1.852 ng/ul
RT: 3.027 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

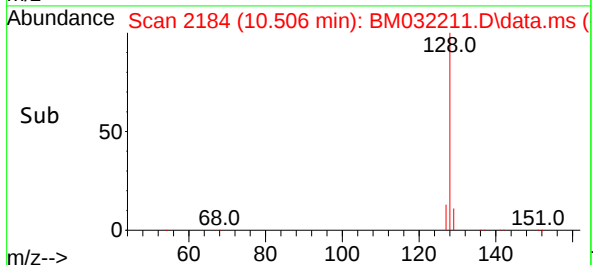
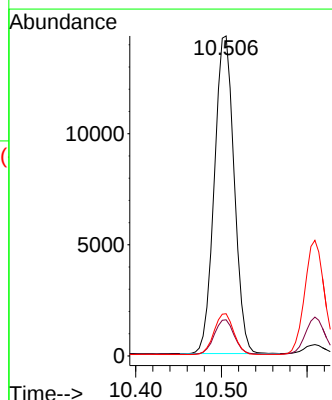
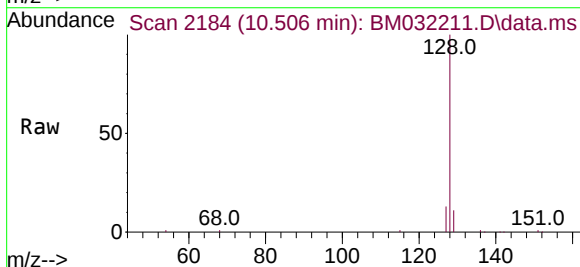
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BNA_M
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SLCS377

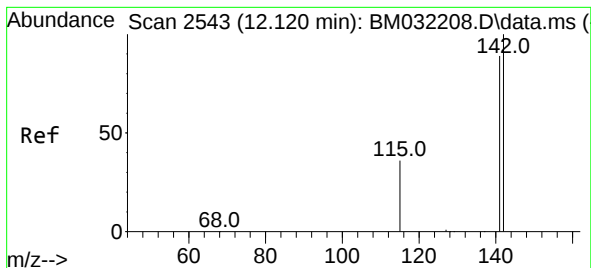
Tgt Ion:	88	Resp:	14189
Ion	Ratio	Lower	Upper
88	100		
43	29.0	26.1	39.1
58	72.2	50.2	75.2



#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.506 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:	128	Resp:	22885
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.2	10.5	15.7

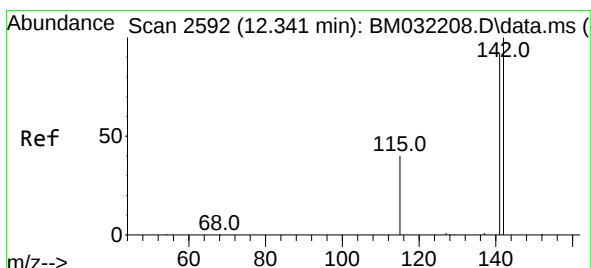
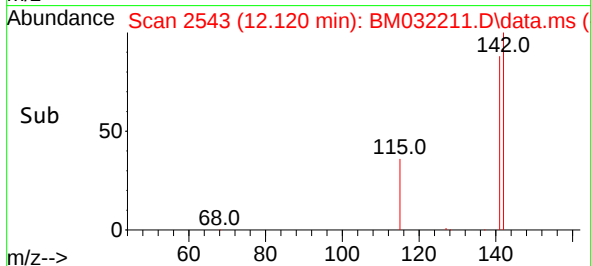
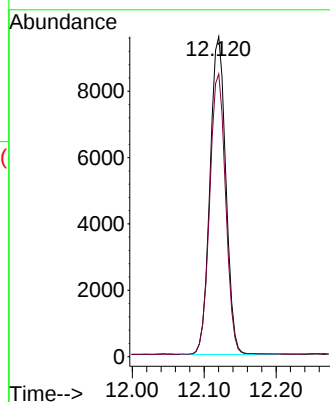
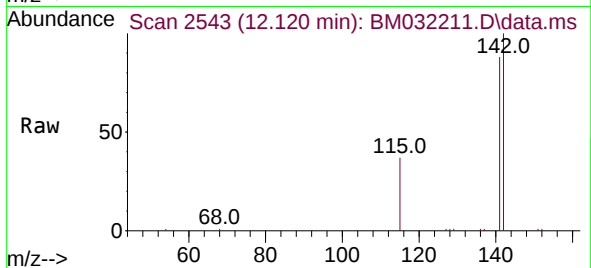




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.120 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

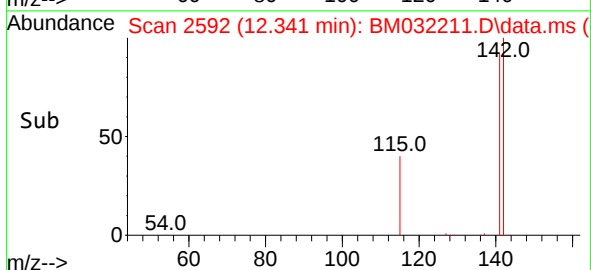
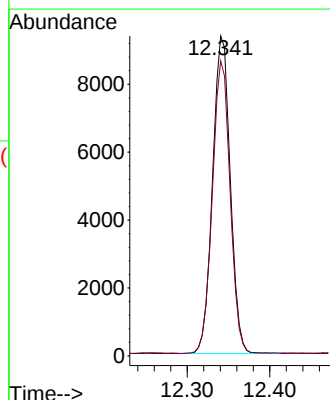
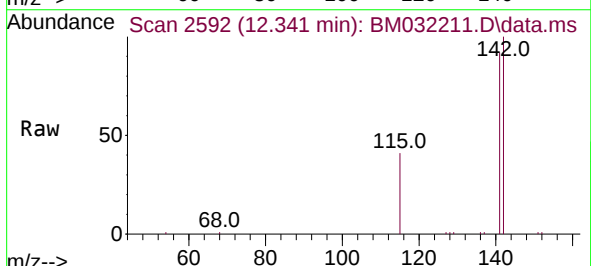
Instrument :
BNA_M
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SLCS377

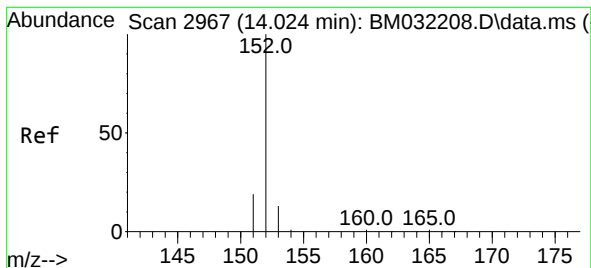
Tgt Ion:142 Resp: 14645
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.341 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:142 Resp: 13935
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6





#10

Acenaphthylene

Concen: 0.335 ng/ul

RT: 14.024 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BM032211.D

Acq: 27 Sep 2021 18:52

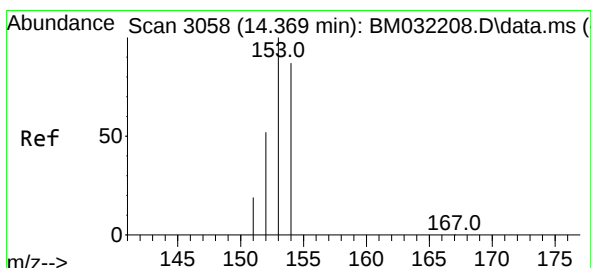
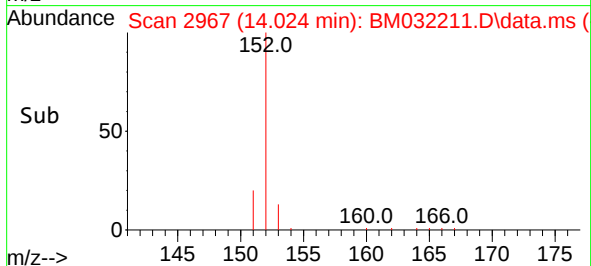
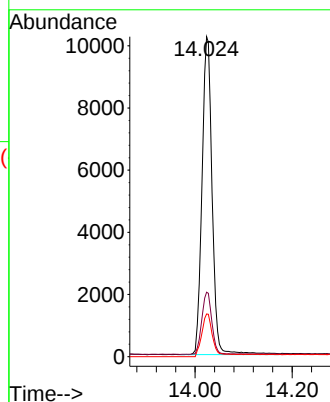
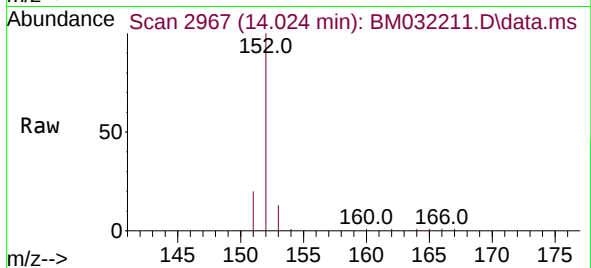
Tgt Ion:	152	Resp:	15200
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	13.3	10.7	16.1

Instrument :

BNA_M

ClientSampleId :

SLCS377



#11

Acenaphthene

Concen: 0.349 ng/ul

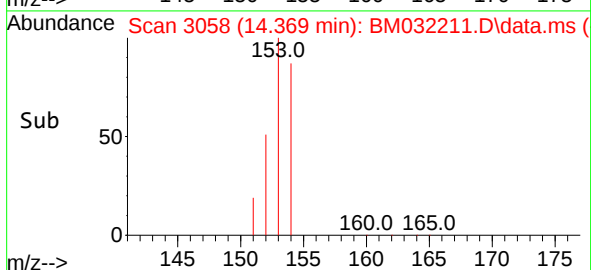
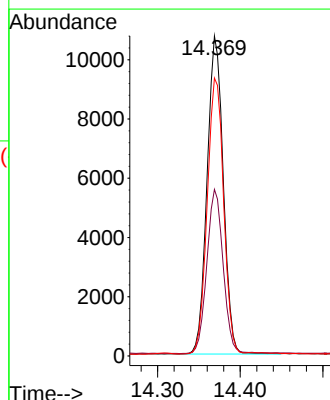
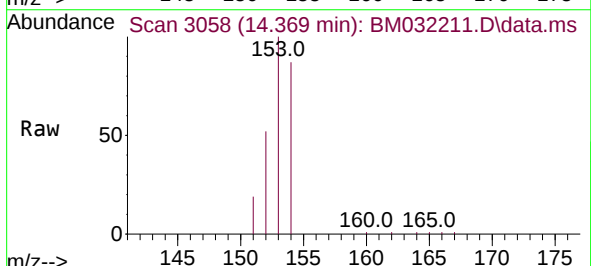
RT: 14.369 min Scan# 3058

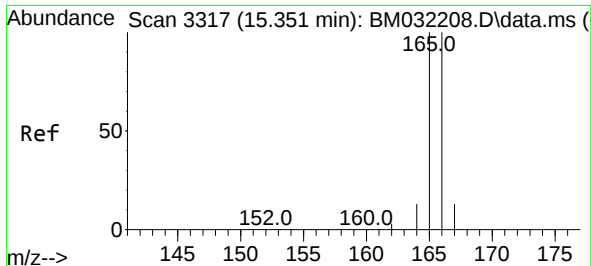
Delta R.T. 0.000 min

Lab File: BM032211.D

Acq: 27 Sep 2021 18:52

Tgt Ion:	153	Resp:	14579
Ion Ratio	Lower	Upper	
153	100		
152	52.0	41.6	62.4
154	86.9	71.2	106.8

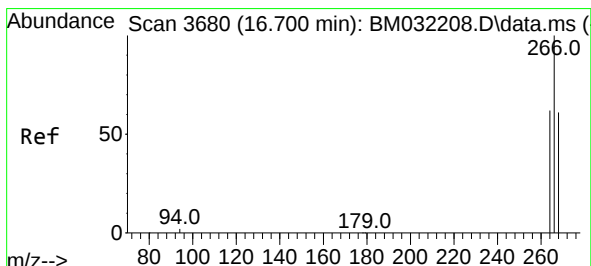
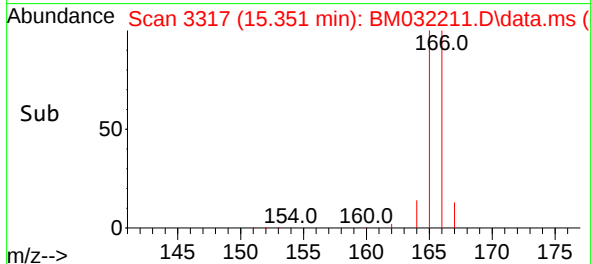
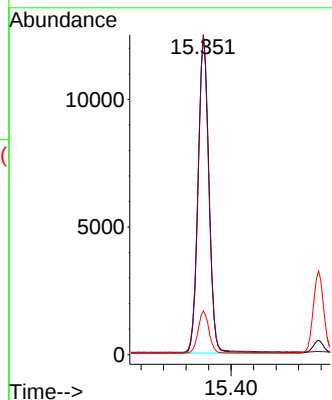
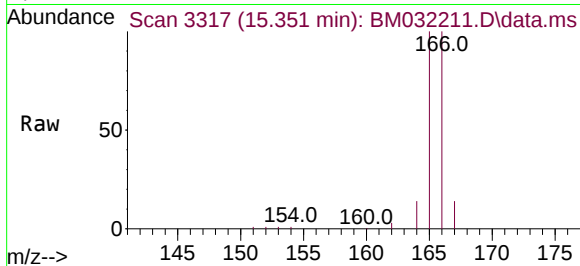




#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.351 min Scan# 3317
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

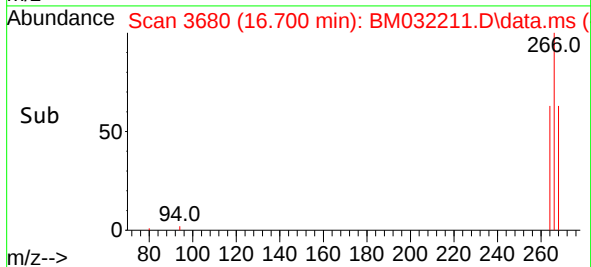
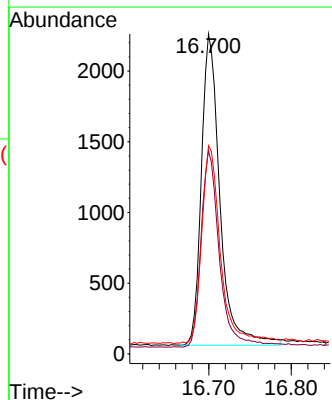
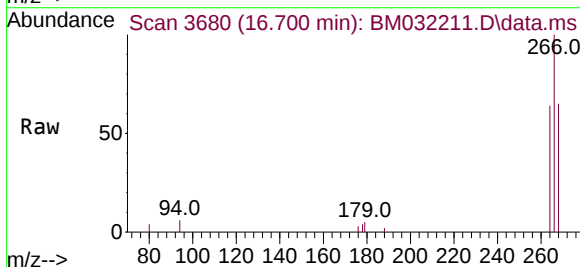
Instrument :
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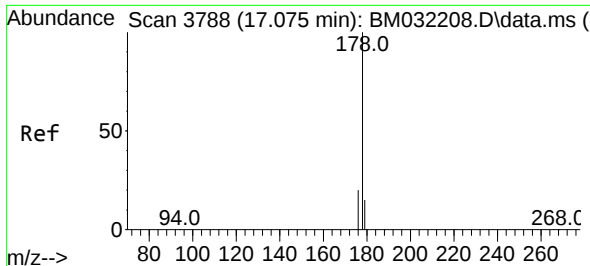
Tgt Ion:	166	Resp:	16543
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.4	119.2
167	13.7	10.8	16.2



#14
Pentachlorophenol
Concen: 0.594 ng/ul
RT: 16.700 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:	266	Resp:	3439
Ion Ratio	Lower	Upper	
266	100		
264	62.7	49.8	74.8
268	65.5	50.4	75.6

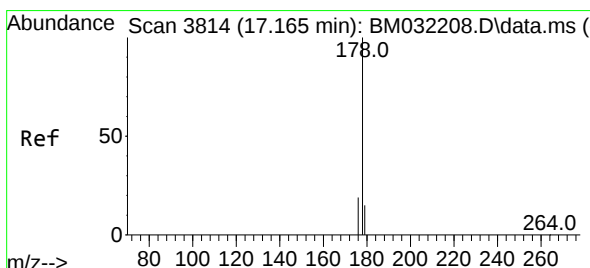
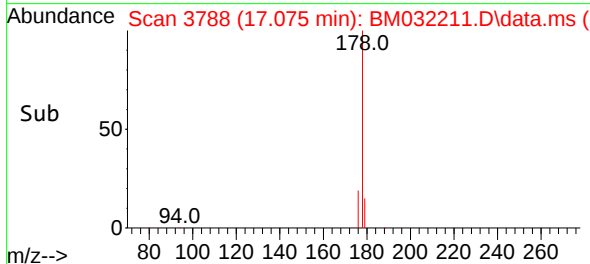
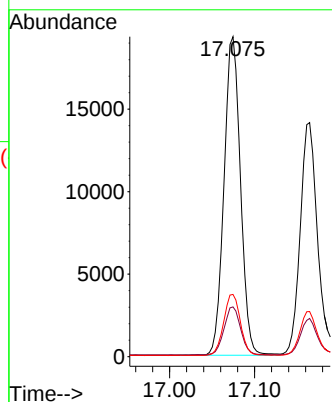
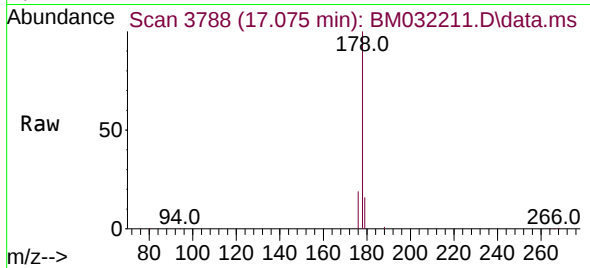




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

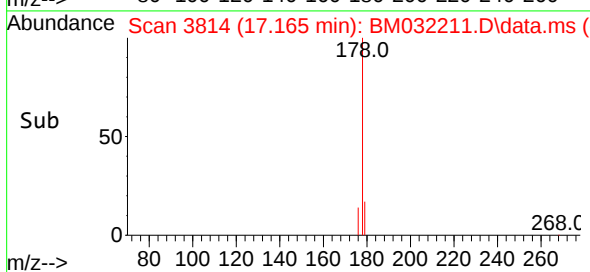
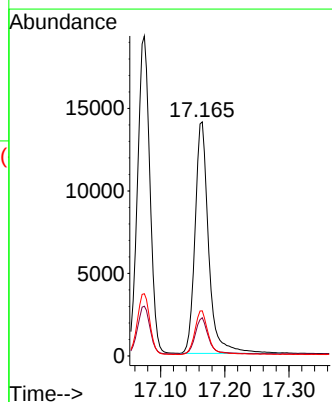
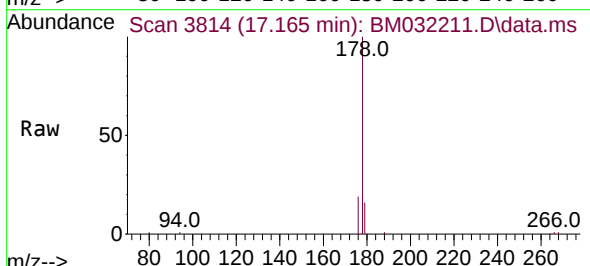
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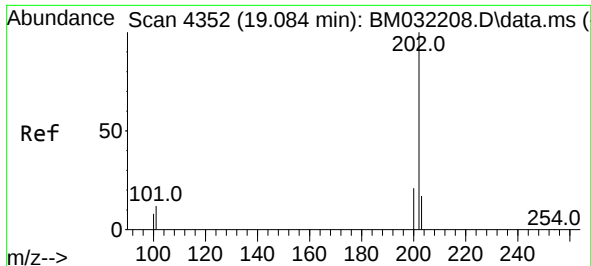
Tgt Ion:	178	Resp:	25967
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.4	15.8	23.6



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.165 min Scan# 3814
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:	178	Resp:	20671
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.7	19.1
176	19.3	15.3	22.9

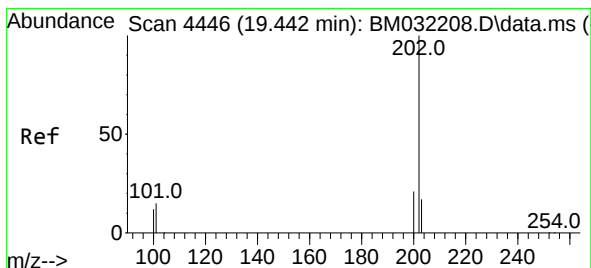
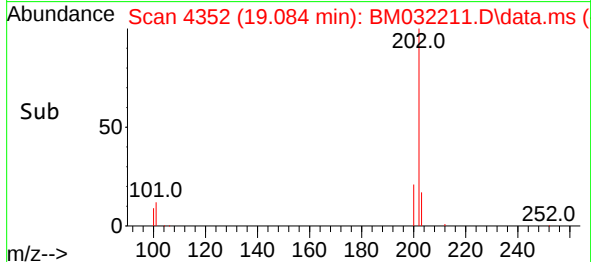
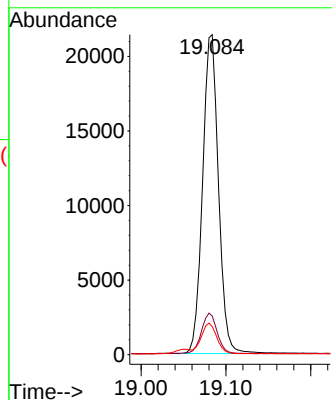
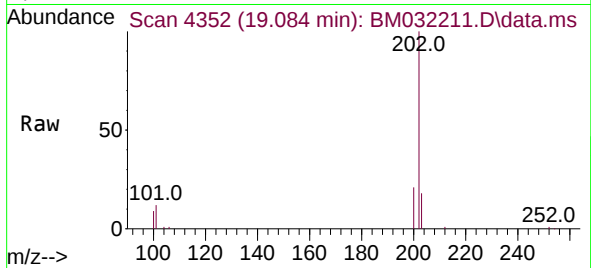




#19
Fluoranthene
Concen: 0.394 ng/u1
RT: 19.084 min Scan# 4352
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

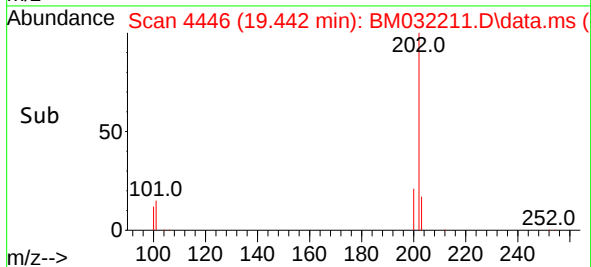
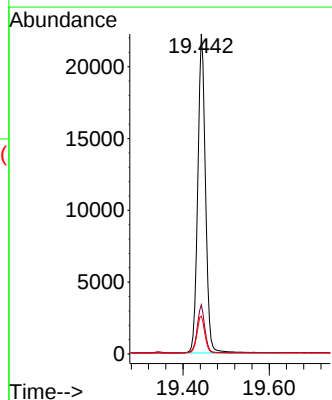
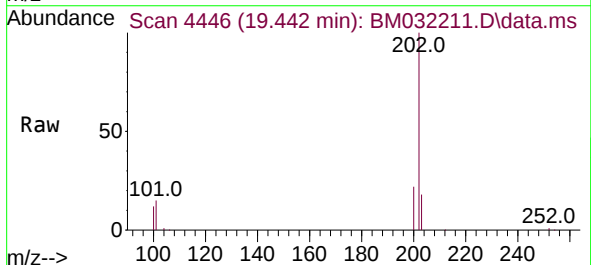
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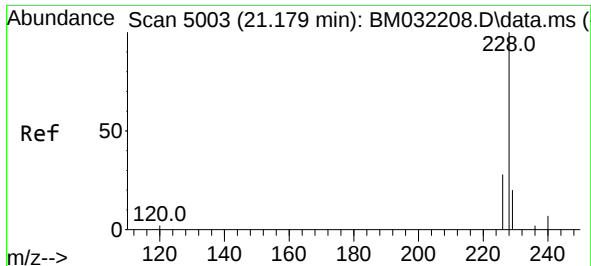
Tgt Ion:202 Resp: 27754
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 8.8 7.2 10.8



#20
Pyrene
Concen: 0.392 ng/u1
RT: 19.442 min Scan# 4446
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:202 Resp: 27688
Ion Ratio Lower Upper
202 100
101 15.3 12.1 18.1
100 11.8 9.8 14.6

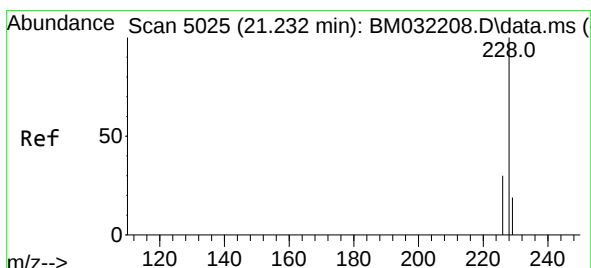
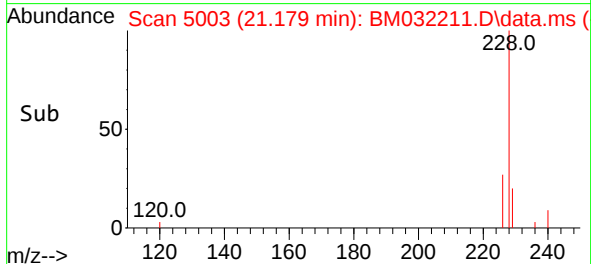
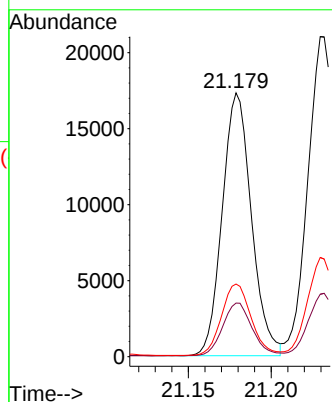
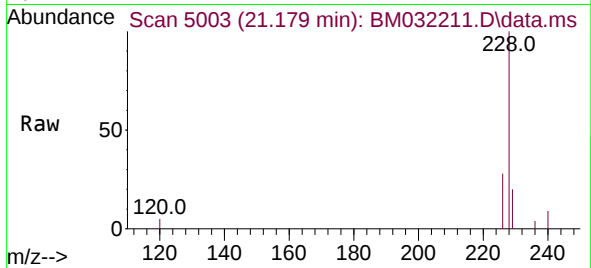




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.179 min Scan# 5003
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

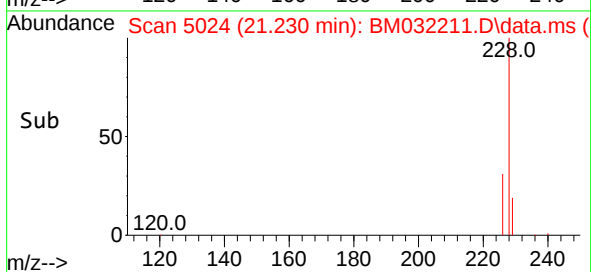
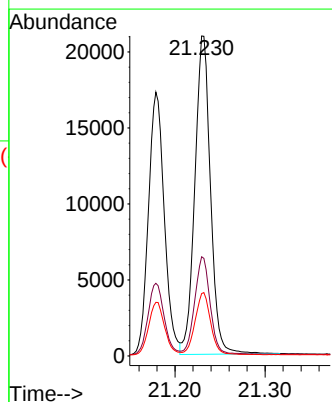
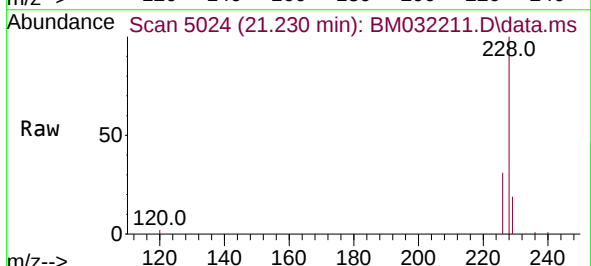
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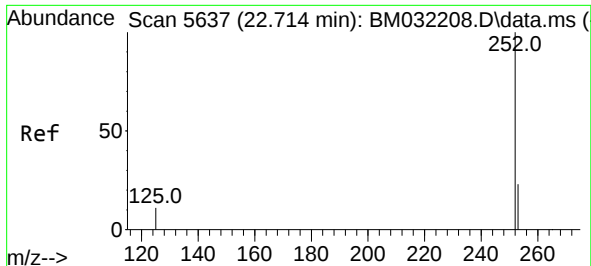
Tgt Ion:228	Resp:	21204
Ion Ratio	Lower	Upper
228	100	
229	20.3	16.0 24.0
226	27.6	22.3 33.5



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.230 min Scan# 5024
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:228	Resp:	25274
Ion Ratio	Lower	Upper
228	100	
226	31.0	24.6 37.0
229	19.5	15.6 23.4

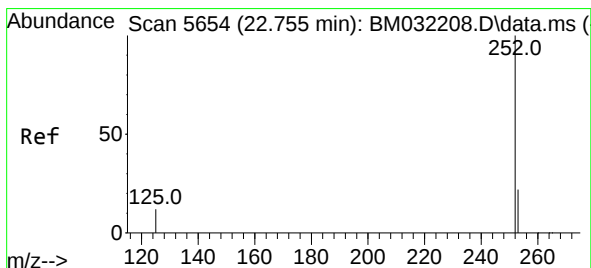
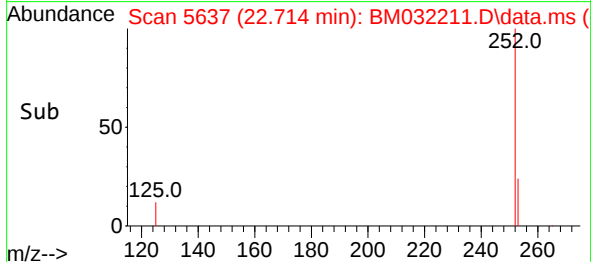
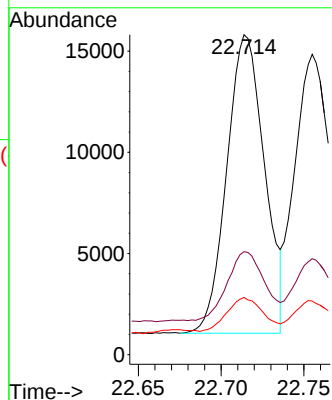
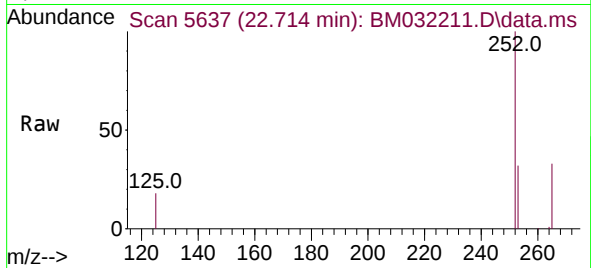




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 22.714 min Scan# 5637
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

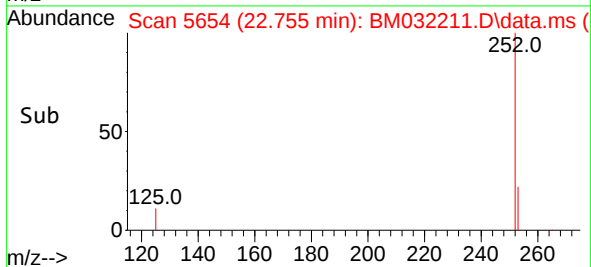
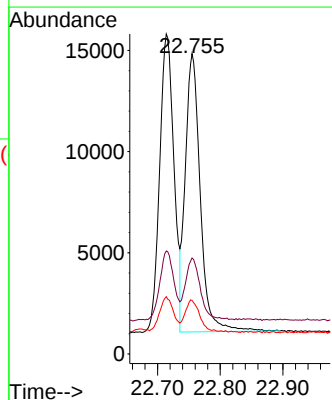
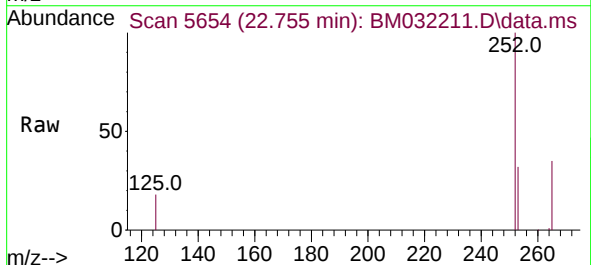
Instrument :
BNA_M
ClientSampleId :
SLCS377

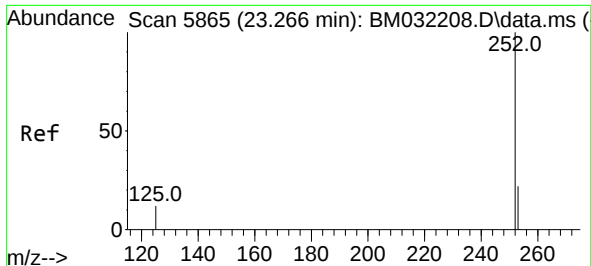
Tgt Ion:252 Resp: 23348
Ion Ratio Lower Upper
252 100
253 32.2 0.0 58.0
125 17.9 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 22.755 min Scan# 5654
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:252 Resp: 22866
Ion Ratio Lower Upper
252 100
253 32.0 22.9 34.3
125 17.9 12.9 19.3

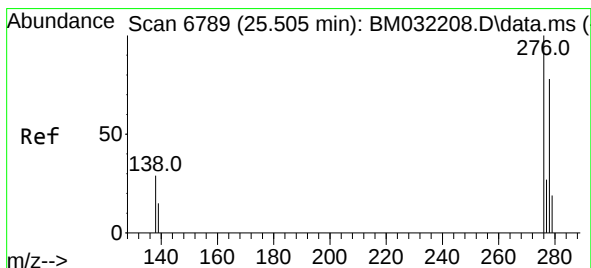
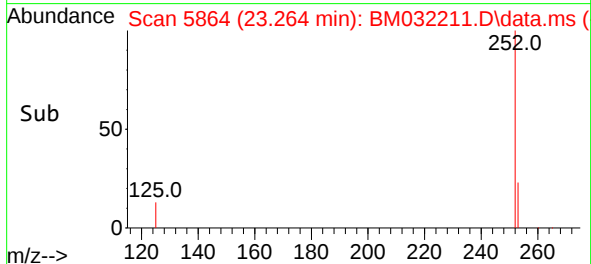
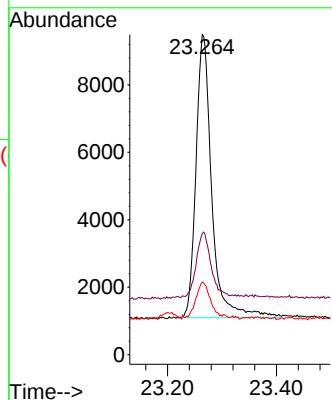
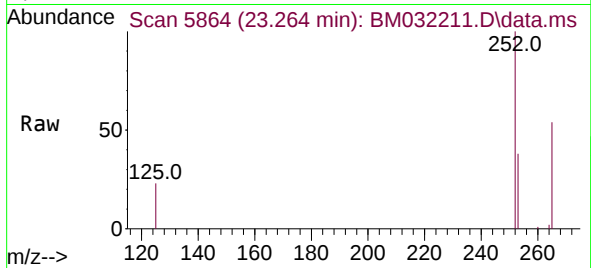




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.264 min Scan# 5864
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

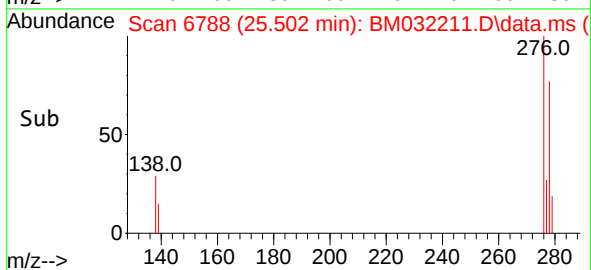
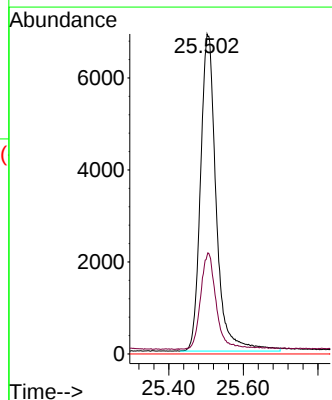
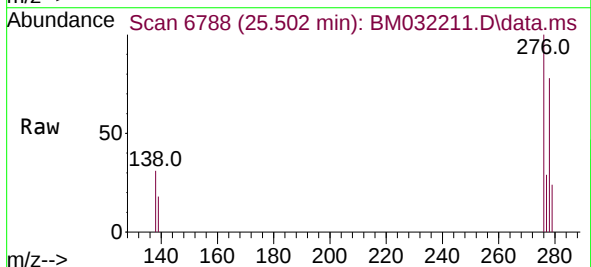
Instrument :
BNA_M
ClientSampleId :
SLCS377

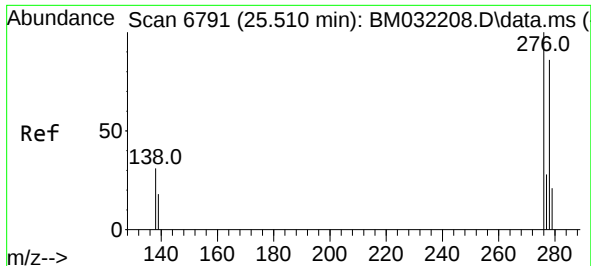
Tgt Ion:	252	Resp:	16828
Ion Ratio	Lower	Upper	
252	100		
253	37.9	25.8	38.8
125	22.6	15.4	23.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.502 min Scan# 6788
Delta R.T. -0.002 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:	276	Resp:	20200
Ion Ratio	Lower	Upper	
276	100		
138	30.1	24.3	36.5
227	0.0	0.0	0.0

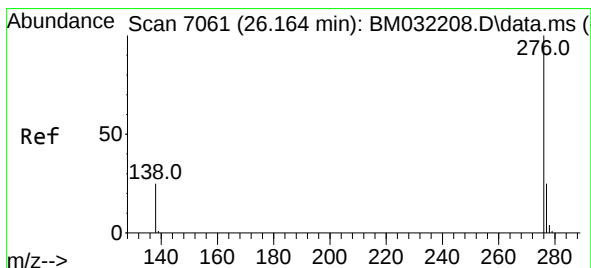
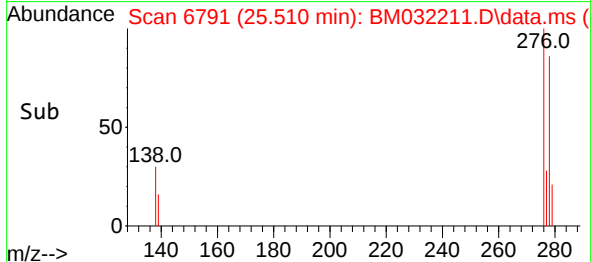
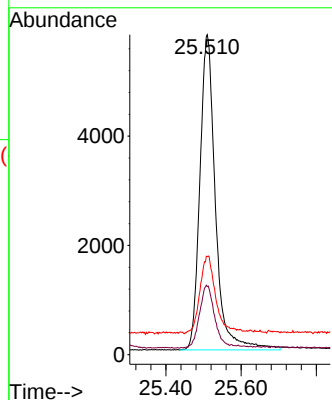
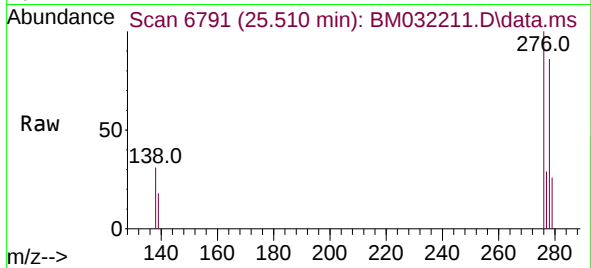




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 25.510 min Scan# 6791
Delta R.T. 0.000 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Instrument :
BNA_M
ClientSampleId :
SLCS377

Tgt Ion:	278	Resp:	16560
Ion Ratio	Lower	Upper	
278	100		
139	21.3	16.6	24.8
279	30.6	23.0	34.6



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 26.162 min Scan# 7060
Delta R.T. -0.002 min
Lab File: BM032211.D
Acq: 27 Sep 2021 18:52

Tgt Ion:	276	Resp:	19384
Ion Ratio	Lower	Upper	
276	100		
138	26.3	21.0	31.4
277	25.8	19.8	29.8

