

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036421.D
 Acq On : 26 Aug 2022 12:03
 Operator : CG/JU
 Sample : SST0.458
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4010

Quant Time: Aug 26 13:28:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 13:25:55 2022
 Response via : Initial Calibration

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

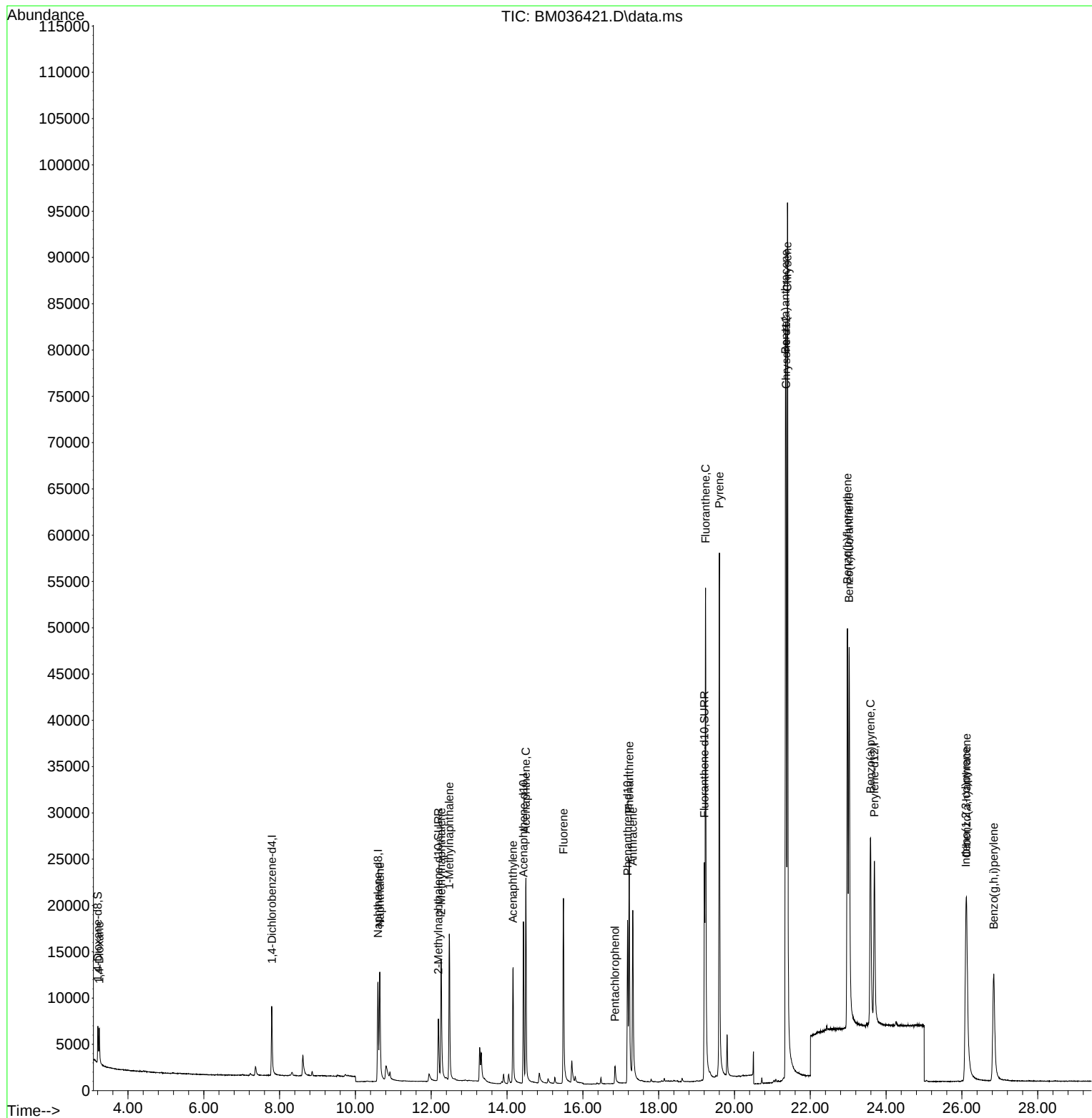
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	4694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	18092	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.432	164	10392	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.178	188	24913	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	55548	0.400	ng/ul #	0.00
23) Perylene-d12	23.689	264	26782	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	2568	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	11770	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.205	212	28257	0.151	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	2373	0.377	ng/ul#	92
5) Naphthalene	10.644	128	19681	0.356	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	12318	0.356	ng/ul	95
8) 1-Methylnaphthalene	12.475	142	12617	0.385	ng/ul	100
10) Acenaphthylene	14.159	152	17297	0.317	ng/ul	98
11) Acenaphthene	14.496	153	14061	0.335	ng/ul	99
12) Fluorene	15.487	166	16120	0.333	ng/ul	99
14) Pentachlorophenol	16.849	266	1916	0.487	ng/ul	98
15) Phenanthrene	17.221	178	29629	0.328	ng/ul	99
16) Anthracene	17.318	178	26090	0.348	ng/ul	98
19) Fluoranthene	19.238	202	52766	0.190	ng/ul	96
20) Pyrene	19.600	202	55931	0.179	ng/ul	96
21) Benzo(a)anthracene	21.345	228	65140	0.339	ng/ul	98
22) Chrysene	21.397	228	86511	0.350	ng/ul	98
24) Benzo(b)fluoranthene	22.978	252	59061	0.515	ng/ul	87
25) Benzo(k)fluoranthene	23.025	252	60817	0.518	ng/ul#	84
26) Benzo(a)pyrene	23.589	252	39393	0.336	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.104	276	34364	0.269	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.121	278	29308	0.290	ng/ul#	88
29) Benzo(g,h,i)perylene	26.839	276	31541	0.268	ng/ul	95

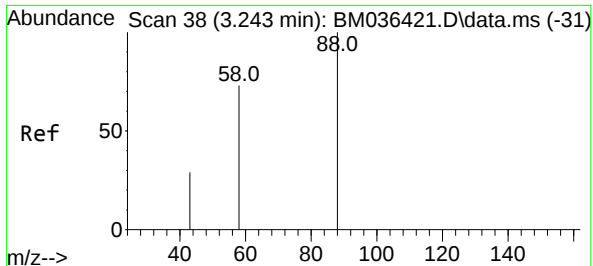
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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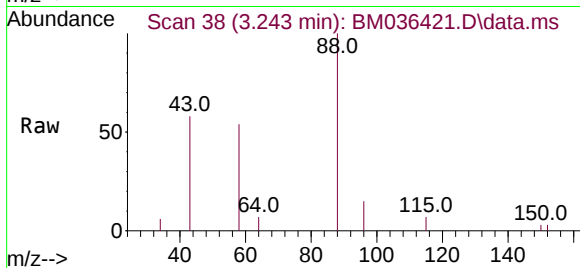
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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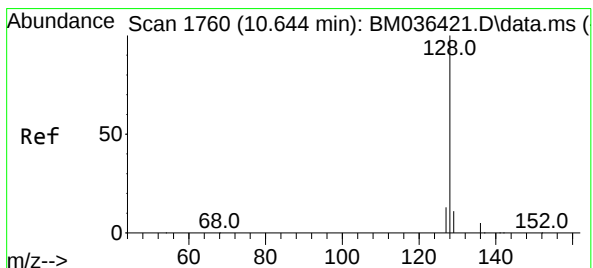
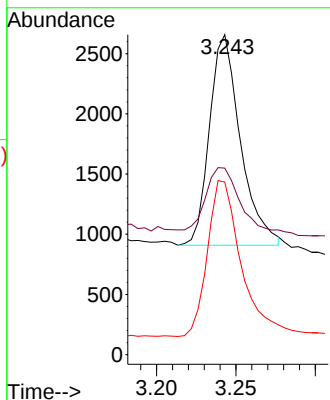
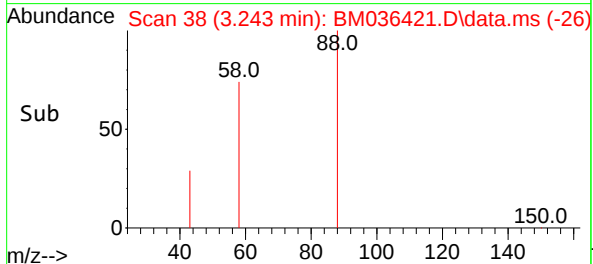
#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

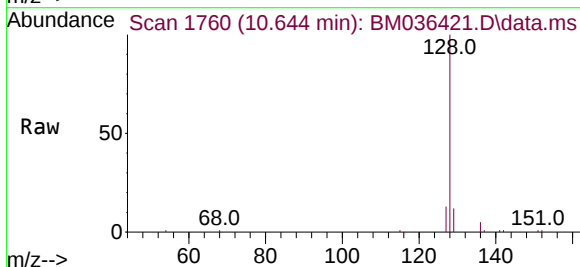


Tgt Ion: 88 Resp: 2373

Ion	Ratio	Lower	Upper
88	100		
43	58.3	37.8	56.6
58	54.0	42.6	63.8

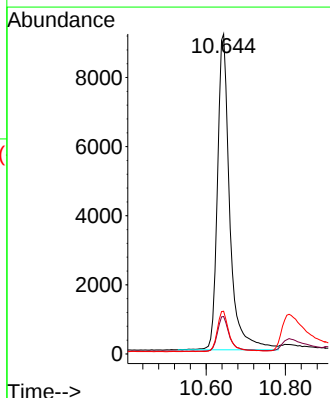
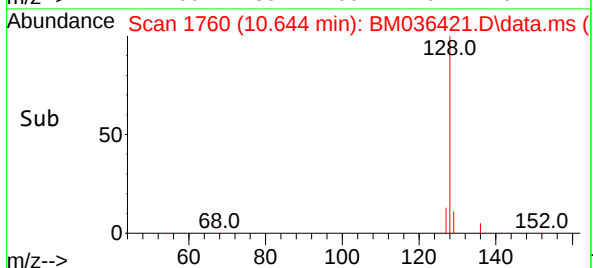


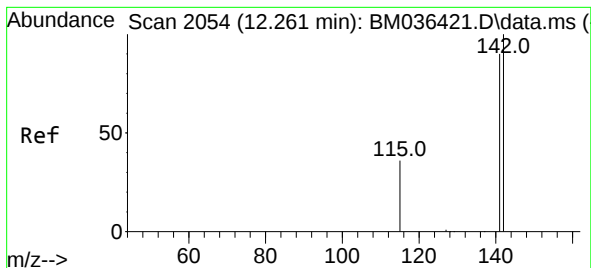
#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03



Tgt Ion: 128 Resp: 19681

Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.2	15.2
127	13.3	11.7	17.5

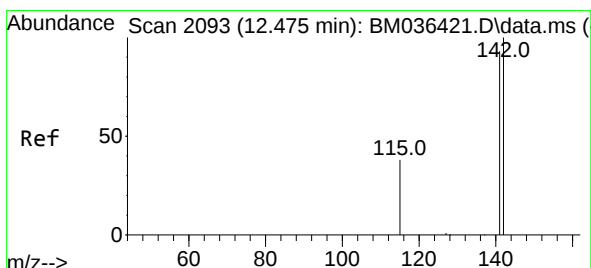
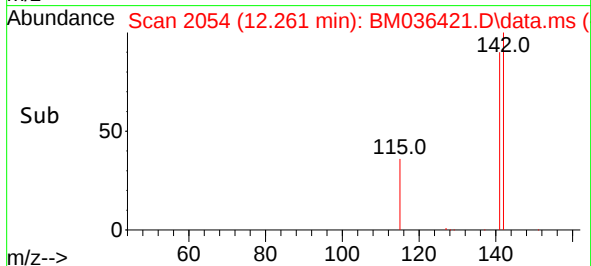
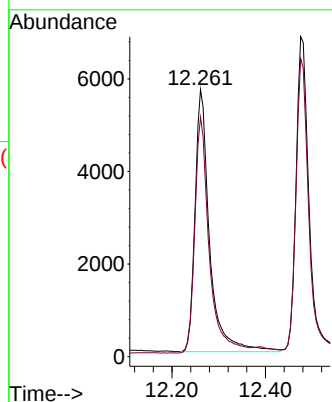
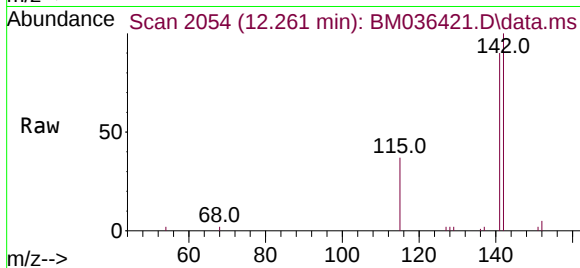




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

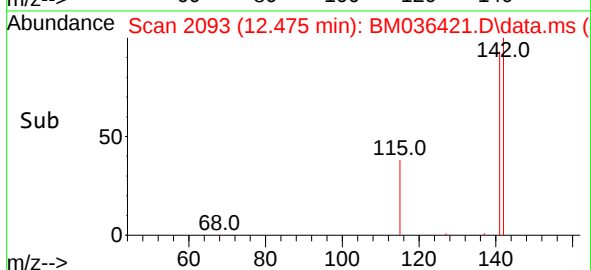
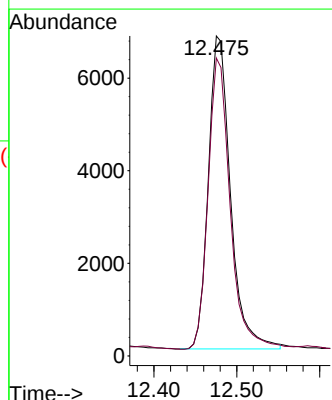
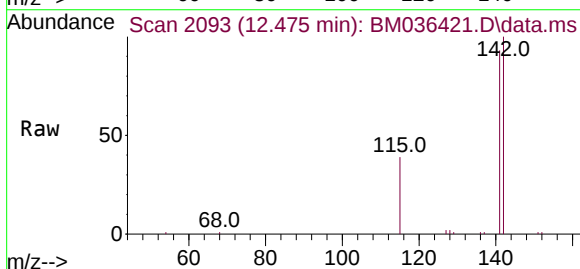
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

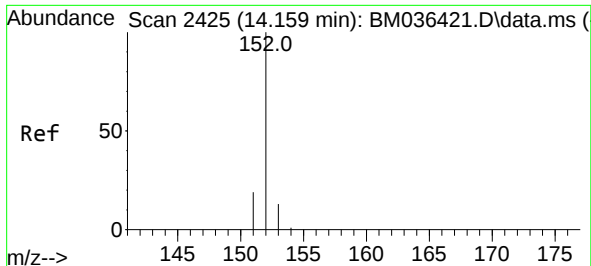
Tgt Ion:142 Resp: 12318
Ion Ratio Lower Upper
142 100
141 91.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.475 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:142 Resp: 12617
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

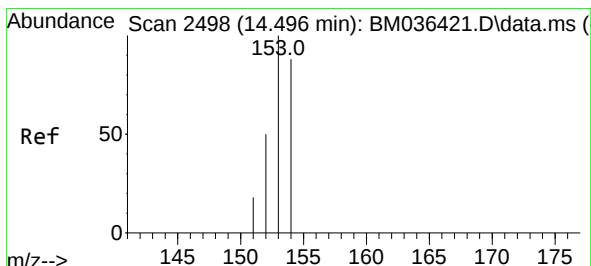
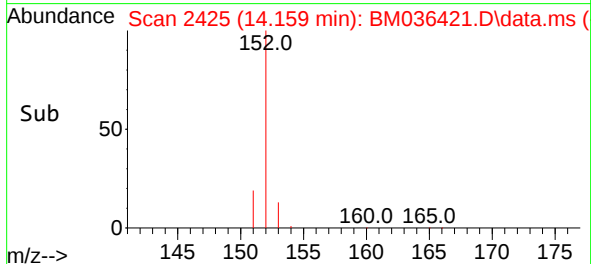
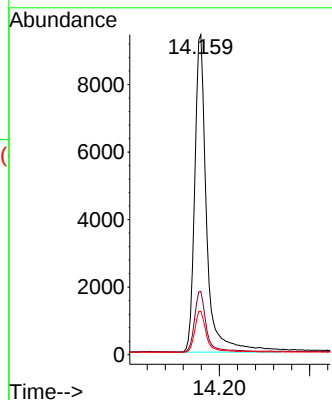
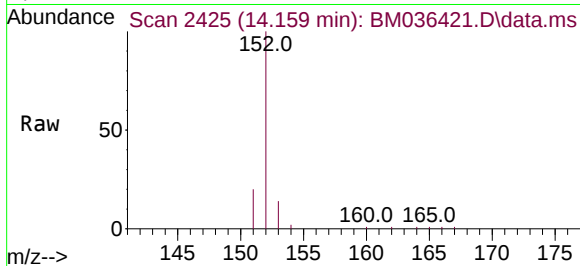




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

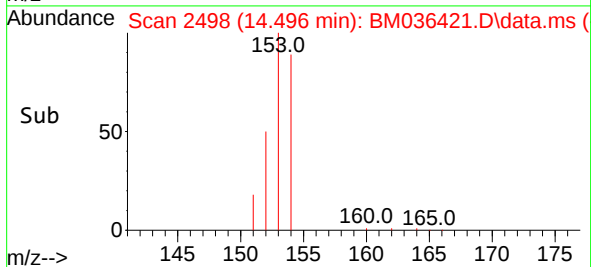
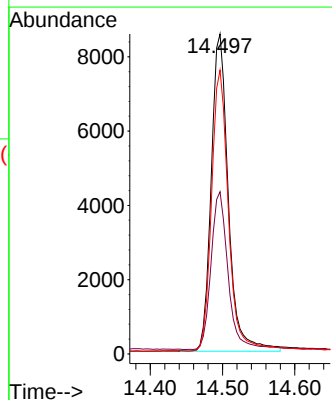
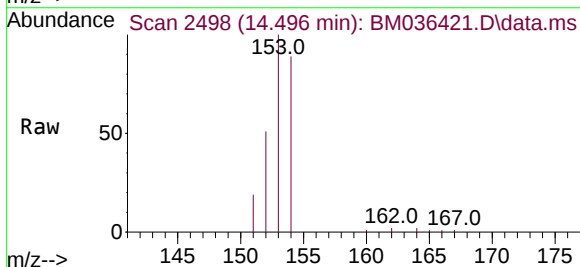
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

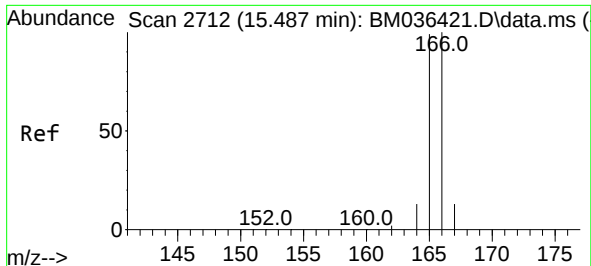
Tgt Ion:	152	Resp:	17297
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.6	24.8
153	13.6	11.4	17.0



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.496 min Scan# 2498
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:	153	Resp:	14061
Ion Ratio	Lower	Upper	
153	100		
152	50.7	40.2	60.4
154	88.7	69.7	104.5

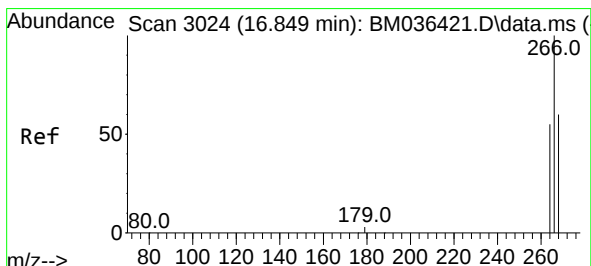
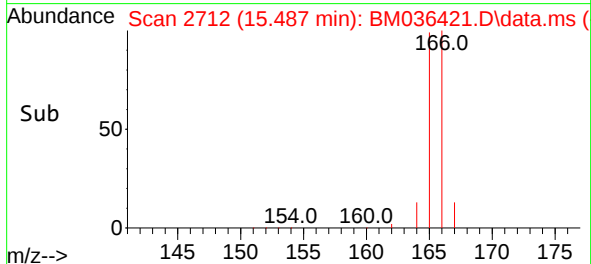
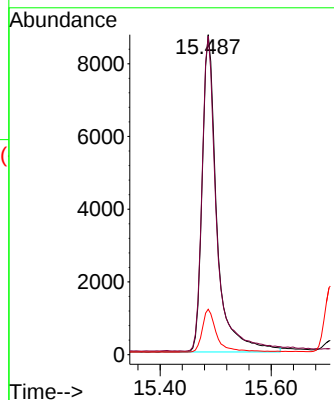
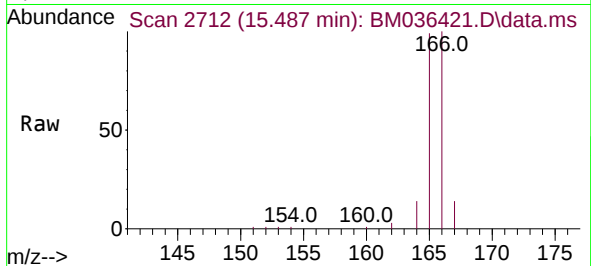




#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.487 min Scan# 2712
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

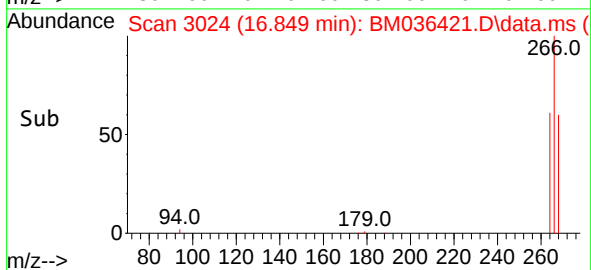
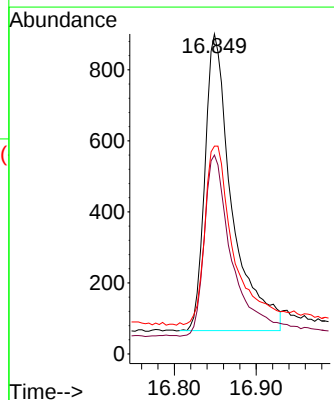
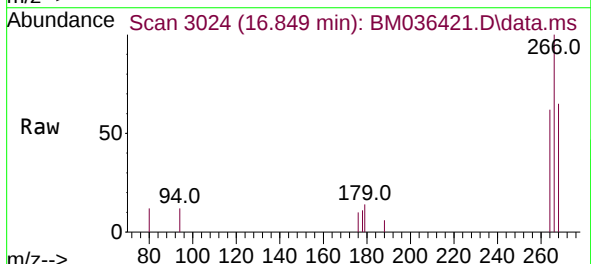
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

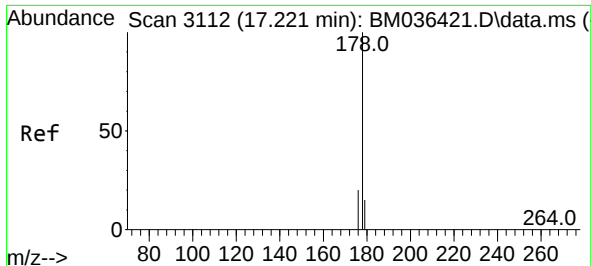
Tgt Ion:166 Resp: 16120
Ion Ratio Lower Upper
166 100
165 99.5 78.9 118.3
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.487 ng/ul
RT: 16.849 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:266 Resp: 1916
Ion Ratio Lower Upper
266 100
264 63.4 50.3 75.5
268 63.8 53.5 80.3

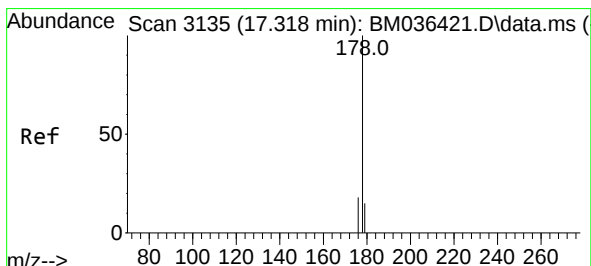
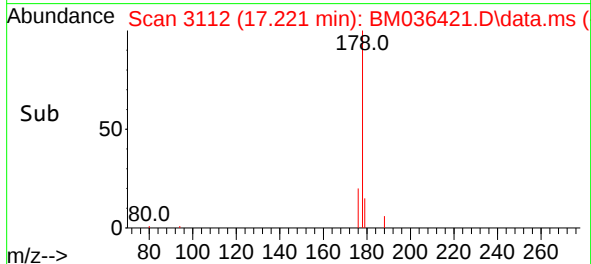
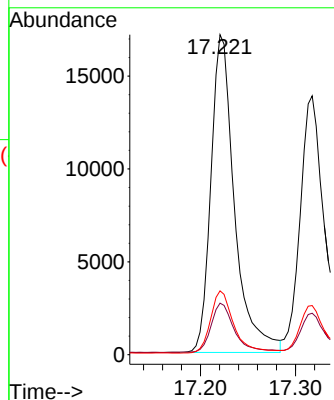
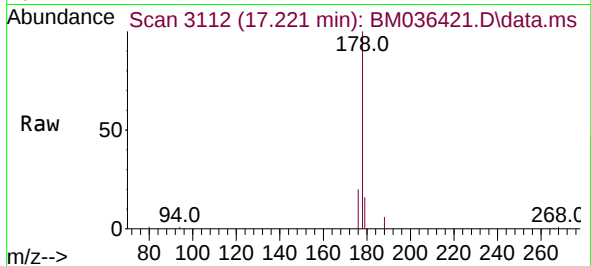




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.221 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

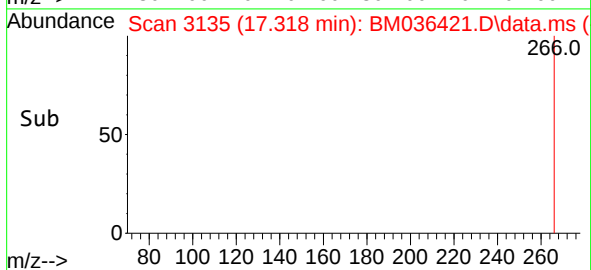
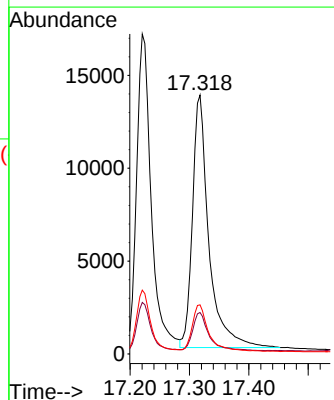
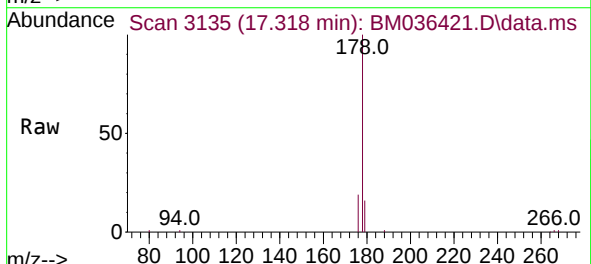
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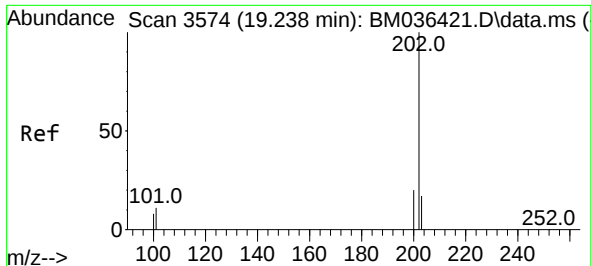
Tgt Ion:	178	Resp:	29629
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.0	19.6
176	20.0	15.6	23.4



#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:	178	Resp:	26090
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.6	20.4
176	19.0	15.6	23.4

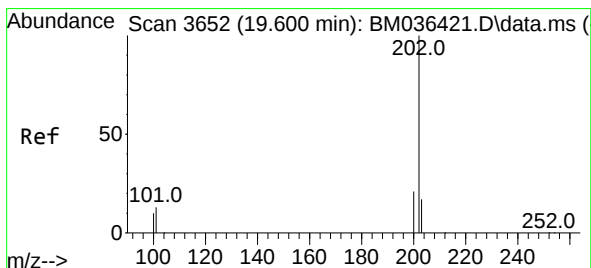
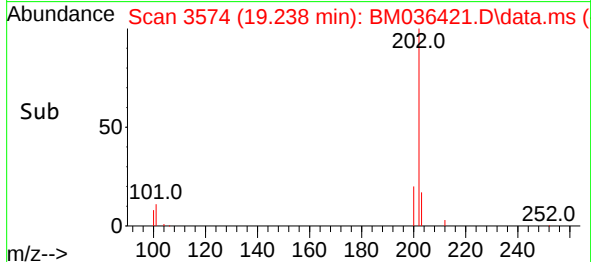
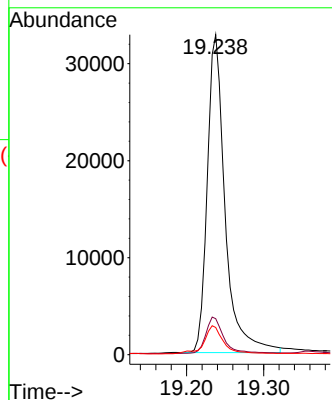
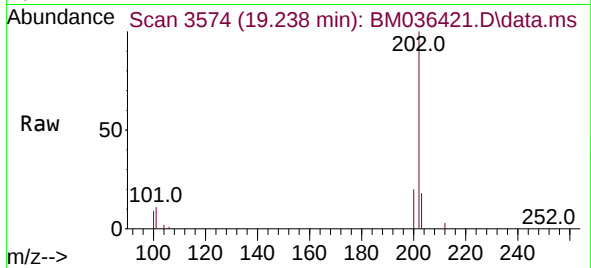




#19
Fluoranthene
Concen: 0.190 ng/u1
RT: 19.238 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

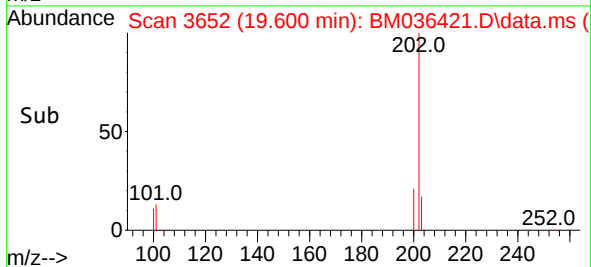
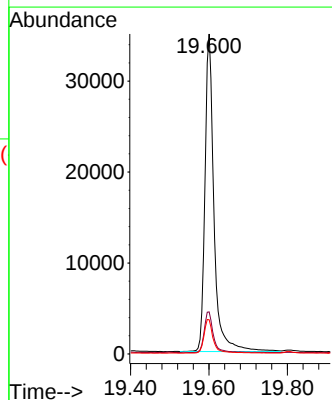
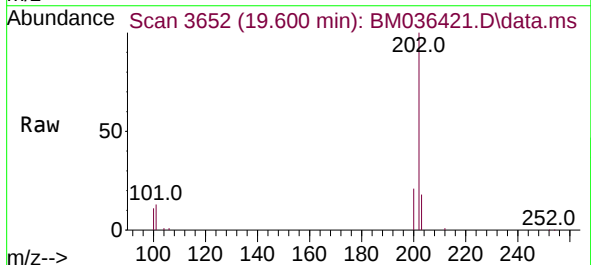
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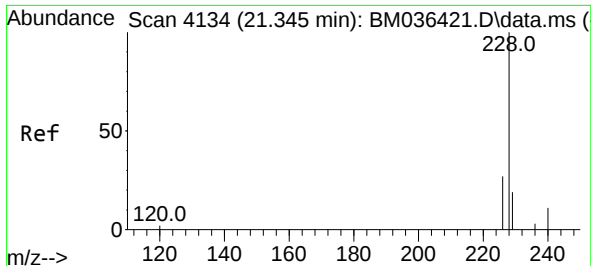
Tgt Ion:202 Resp: 52766
Ion Ratio Lower Upper
202 100
101 11.3 10.1 15.1
100 8.5 7.9 11.9



#20
Pyrene
Concen: 0.179 ng/u1
RT: 19.600 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:202 Resp: 55931
Ion Ratio Lower Upper
202 100
101 13.2 12.0 18.0
100 10.7 9.8 14.6

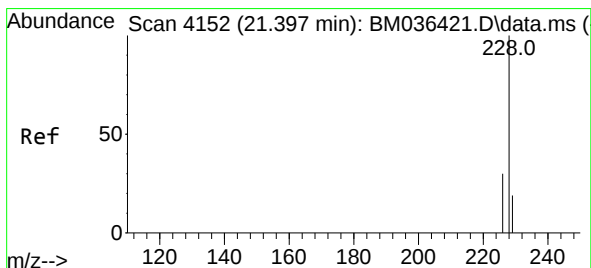
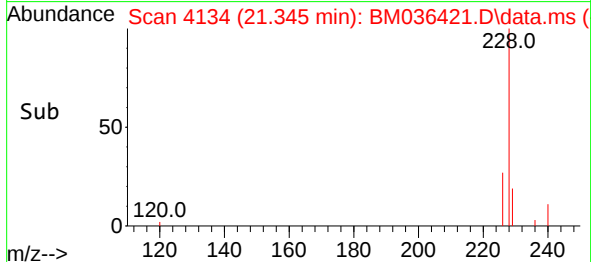
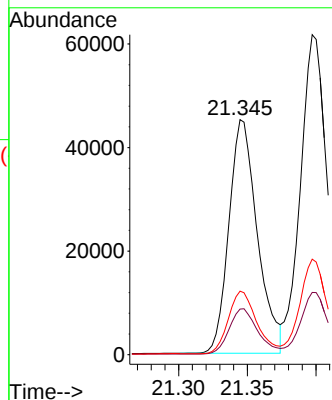
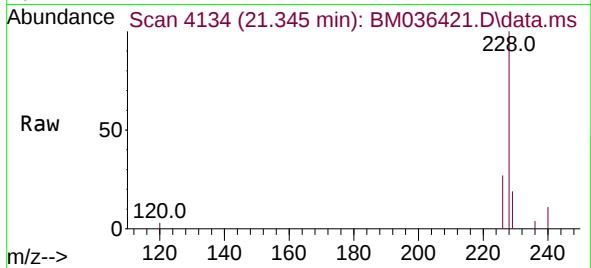




#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.345 min Scan# 4134
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

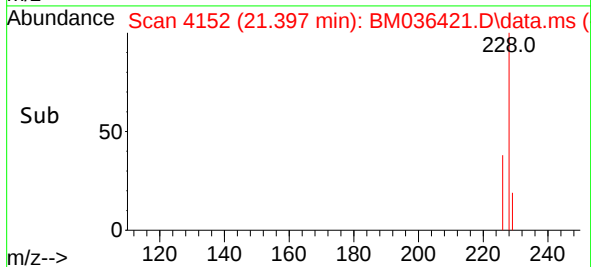
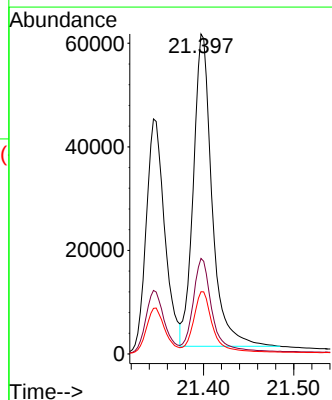
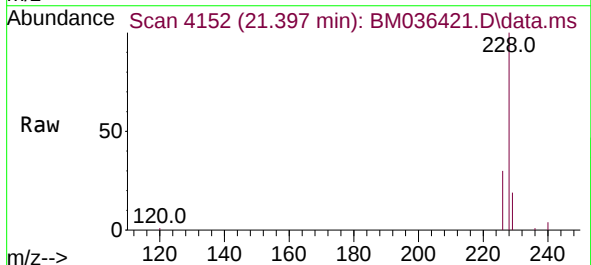
Instrument :
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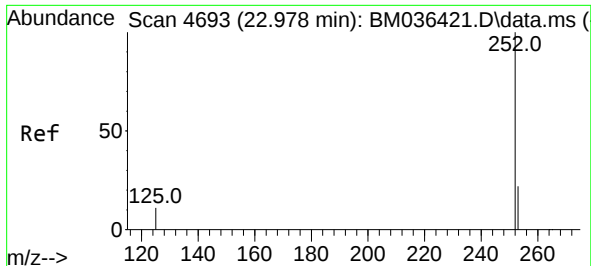
Tgt Ion:228 Resp: 65140
Ion Ratio Lower Upper
228 100
229 19.4 16.2 24.2
226 27.1 22.5 33.7



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.397 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:228 Resp: 86511
Ion Ratio Lower Upper
228 100
226 29.9 24.6 37.0
229 19.5 16.4 24.6

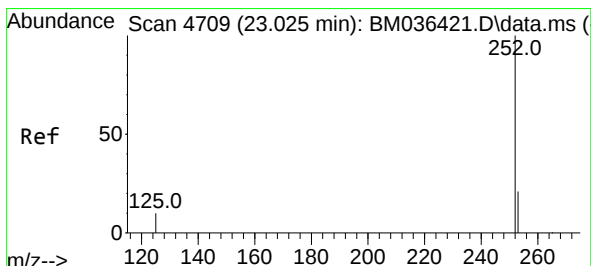
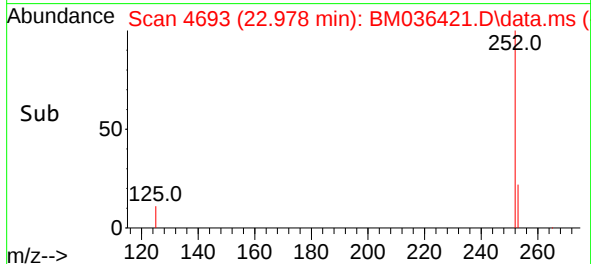
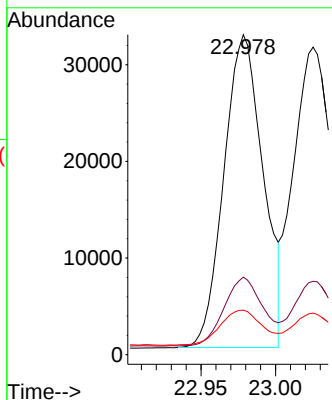
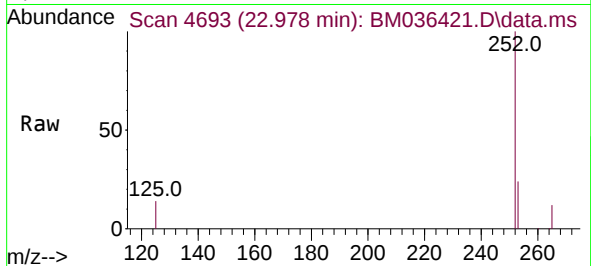




#24
Benzo(b)fluoranthene
Concen: 0.515 ng/ul
RT: 22.978 min Scan# 4693
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

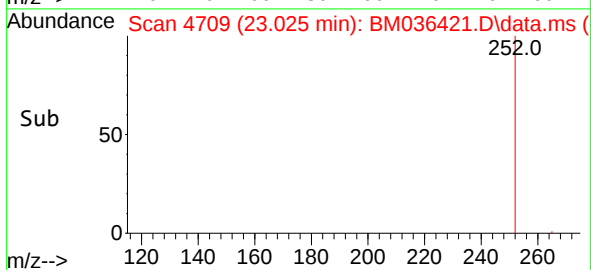
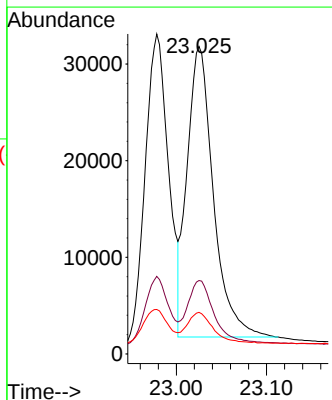
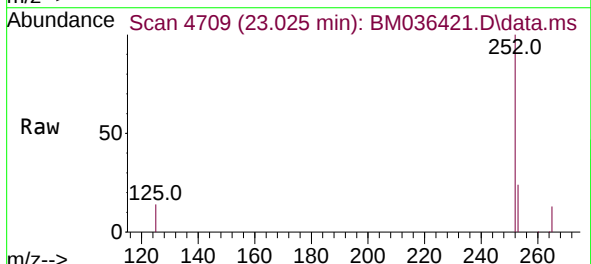
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

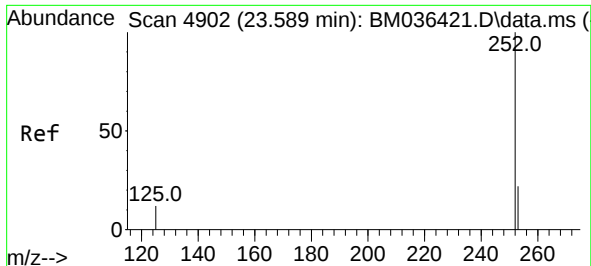
Tgt Ion:252 Resp: 59061
Ion Ratio Lower Upper
252 100
253 24.2 0.0 61.4
125 13.9 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:252 Resp: 60817
Ion Ratio Lower Upper
252 100
253 23.9 25.2 37.8#
125 13.5 18.3 27.5#

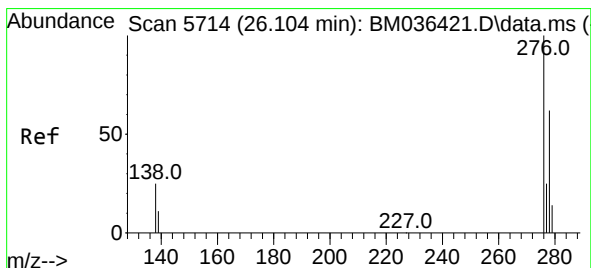
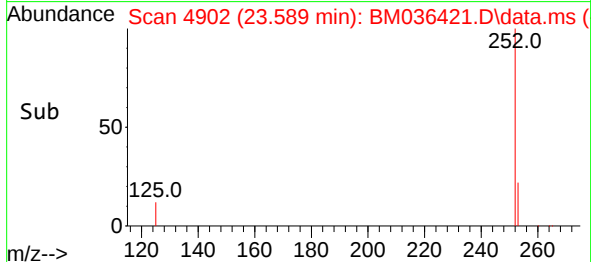
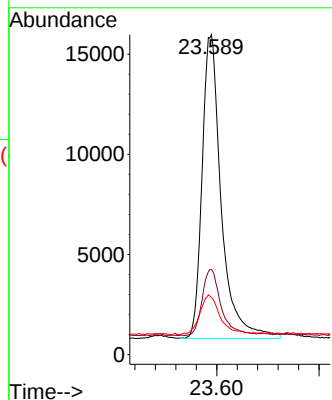
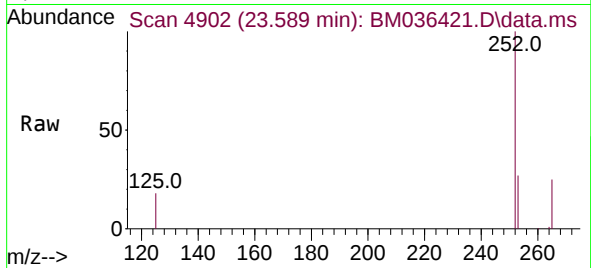




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.589 min Scan# 4902
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

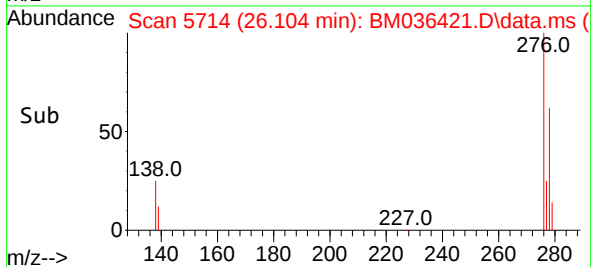
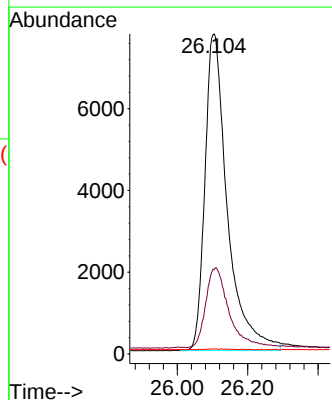
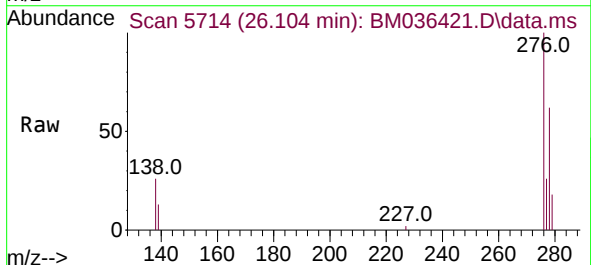
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

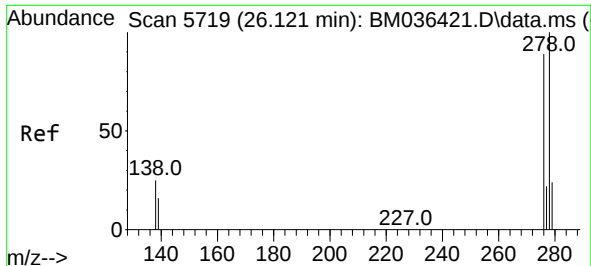
Tgt Ion:252 Resp: 39393
Ion Ratio Lower Upper
252 100
253 26.6 29.7 44.5#
125 17.9 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.269 ng/ul
RT: 26.104 min Scan# 5714
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:276 Resp: 34364
Ion Ratio Lower Upper
276 100
138 26.1 23.9 35.9
227 0.0 0.1 0.1#

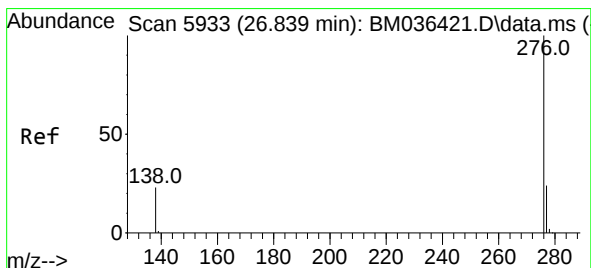
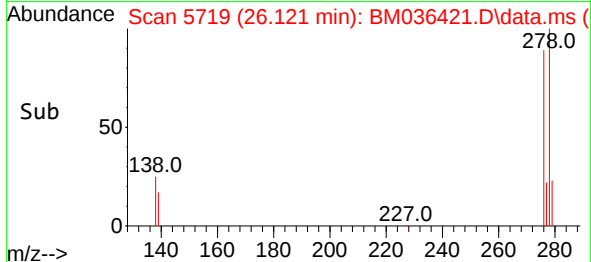
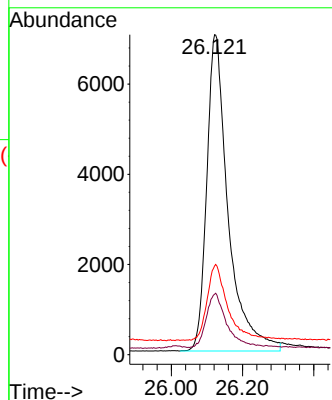
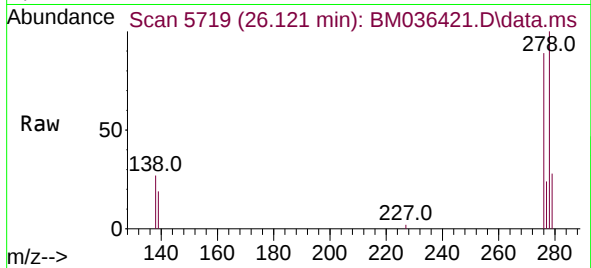




#28
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 26.121 min Scan# 5719
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:278 Resp: 29308
Ion Ratio Lower Upper
278 100
139 18.9 19.8 29.6#
279 27.7 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 26.839 min Scan# 5933
Delta R.T. 0.000 min
Lab File: BM036421.D
Acq: 26 Aug 2022 12:03

Tgt Ion:276 Resp: 31541
Ion Ratio Lower Upper
276 100
138 25.0 23.4 35.0
277 25.3 21.0 31.4

