

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
 Data File : BM035681.D
 Acq On : 25 Jun 2022 10:35
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4113

Quant Time: Jun 28 02:05:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 02:03:15 2022
 Response via : Initial Calibration

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

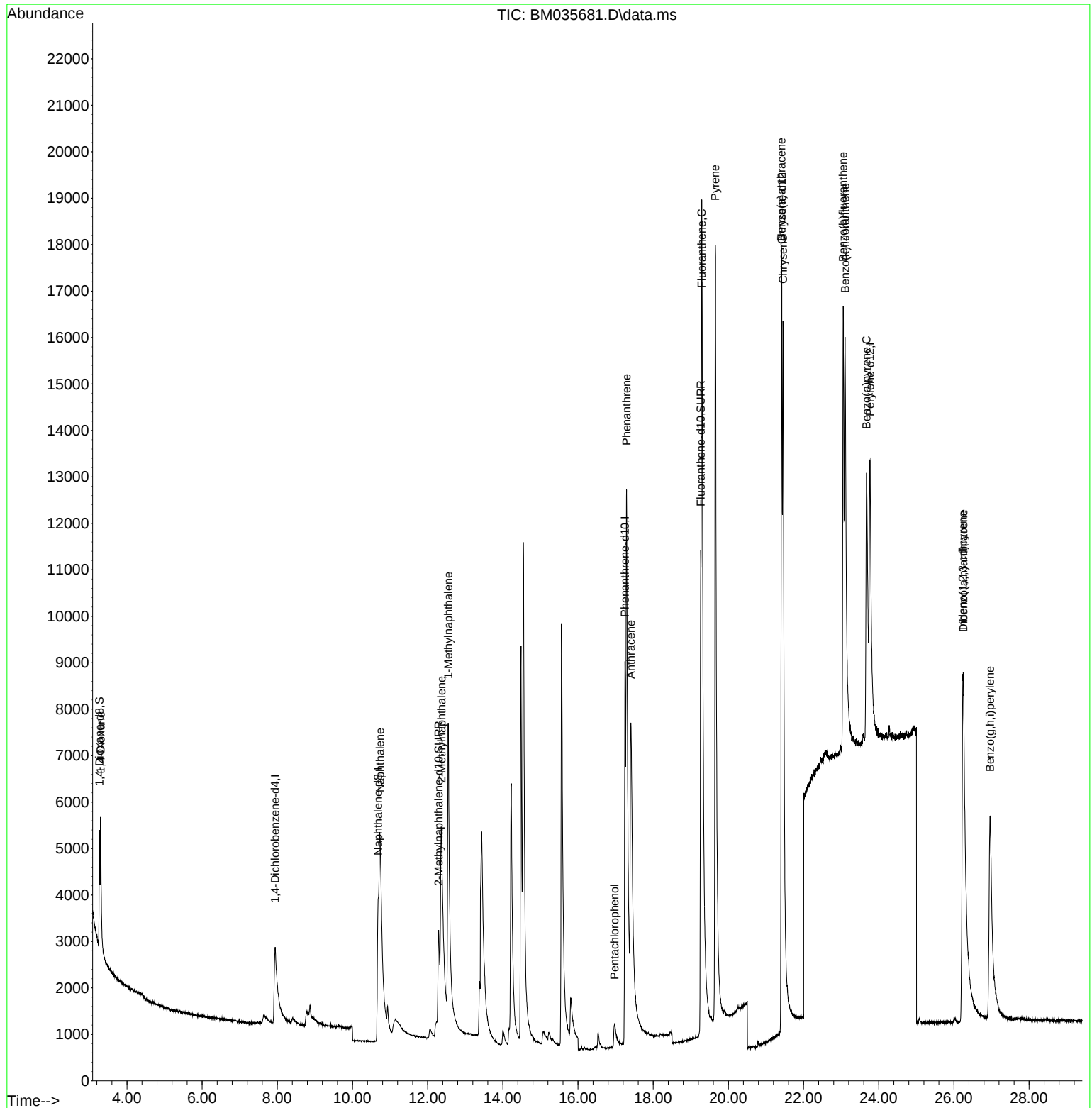
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	2080	0.400	ng/ul	0.08
4) Naphthalene-d8	10.682	136	13494	0.400	ng/ul	0.07
9) Acenaphthene-d10	0.000	164	0	0.000	ng/ul	-14.43
13) Phenanthrene-d10	17.250	188	9174	0.400	ng/ul	0.05
17) Chrysene-d12	21.421	240	13883	0.400	ng/ul	0.04
23) Perylene-d12	23.768	264	10618	0.400	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2018	0.690	ng/ul	0.05
6) 2-Methylnaphthalene-d10	12.294	152	8000	0.399	ng/ul	0.07
18) Fluoranthene-d10	19.266	212	19634	0.421	ng/ul	0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	1724	0.592	ng/ul#	86
5) Naphthalene	10.732	128	13825	0.303	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	7721	0.296	ng/ul	95
8) 1-Methylnaphthalene	12.547	142	8515	0.355	ng/ul	98
14) Pentachlorophenol	16.971	266	897	0.510	ng/ul	97
15) Phenanthrene	17.292	178	21230	0.631	ng/ul	99
16) Anthracene	17.406	178	17399	0.591	ng/ul	99
19) Fluoranthene	19.294	202	25597	0.361	ng/ul	97
20) Pyrene	19.652	202	30292	0.407	ng/ul	99
21) Benzo(a)anthracene	21.412	228	13887	0.265	ng/ul	99
22) Chrysene	21.456	228	20369	0.326	ng/ul	99
24) Benzo(b)fluoranthene	23.055	252	16030	0.345	ng/ul	94
25) Benzo(k)fluoranthene	23.104	252	16139	0.335	ng/ul	96
26) Benzo(a)pyrene	23.677	252	17382	0.361	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.239	276	17215	0.310	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.252	278	13164	0.290	ng/ul	91
29) Benzo(g,h,i)perylene	26.963	276	16159	0.325	ng/ul	97

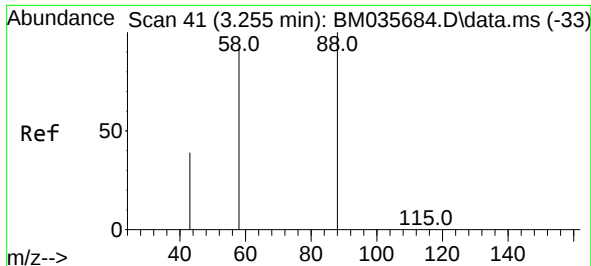
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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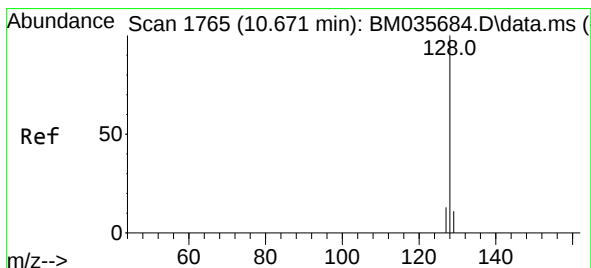
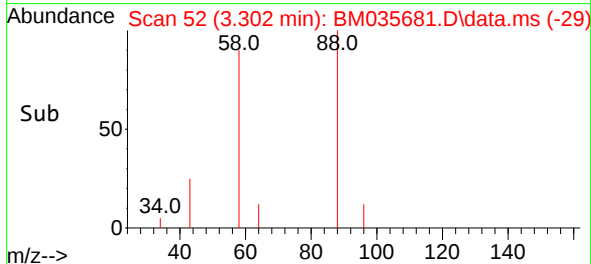
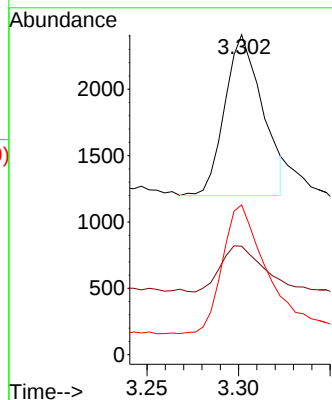
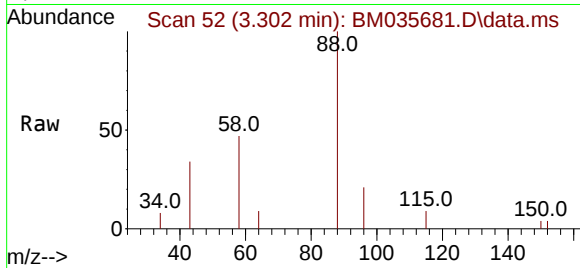




#2
1,4-Dioxane
Concen: 0.592 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. 0.046 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

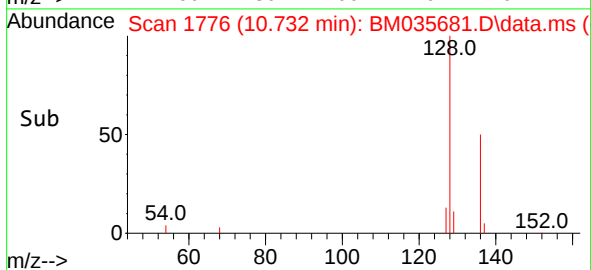
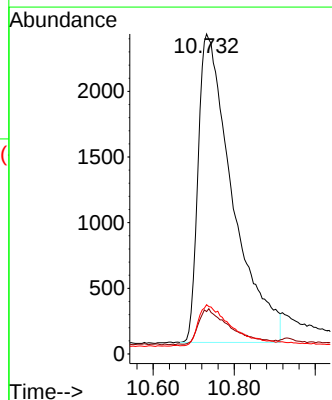
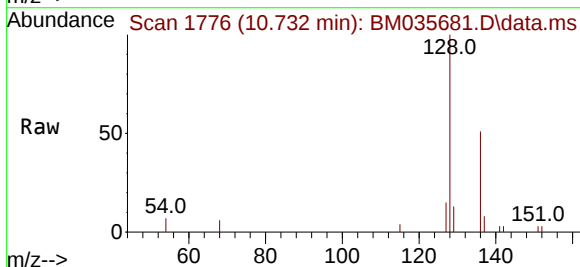
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

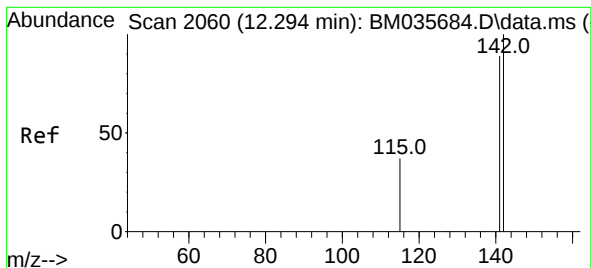
Tgt Ion: 88 Resp: 1724
Ion Ratio Lower Upper
88 100
43 33.9 37.8 56.6#
58 46.8 42.6 63.8



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.732 min Scan# 1776
Delta R.T. 0.060 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

Tgt Ion: 128 Resp: 13825
Ion Ratio Lower Upper
128 100
129 13.3 10.2 15.2
127 15.4 11.7 17.5

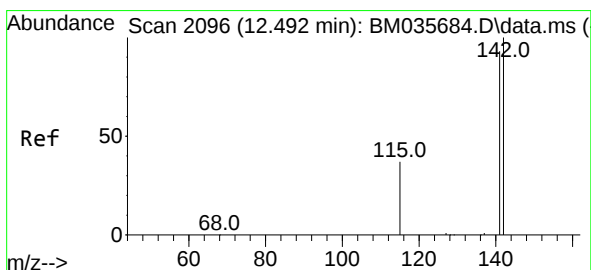
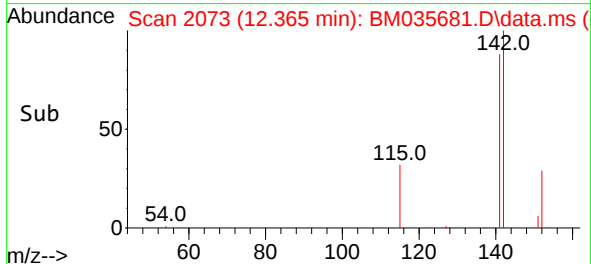
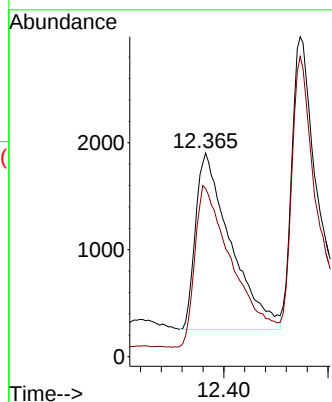
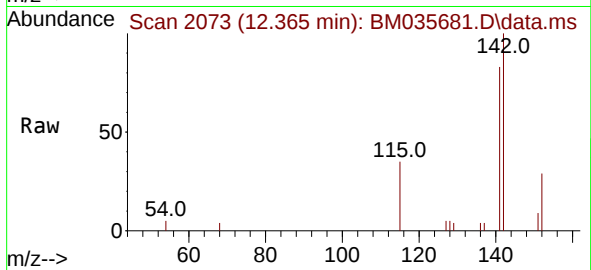




#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.365 min Scan# 2060
Delta R.T. 0.071 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

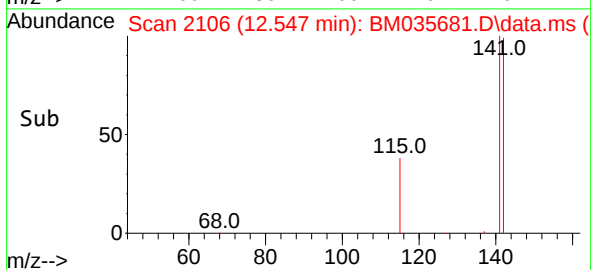
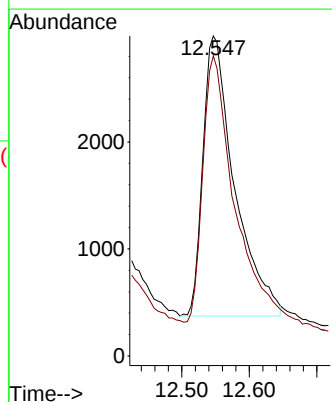
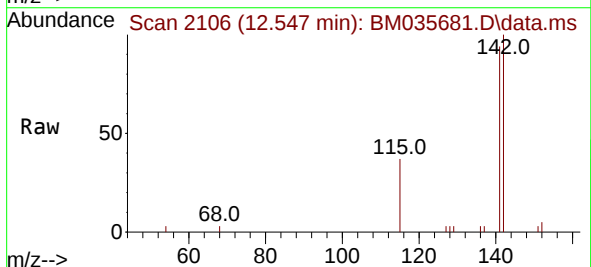
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

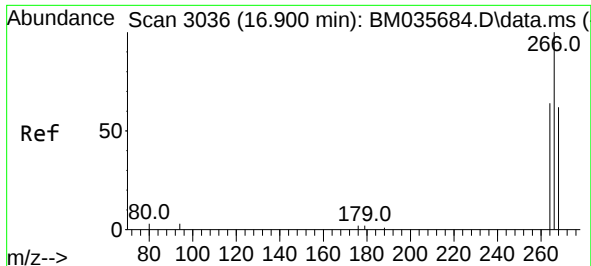
Tgt Ion:142 Resp: 7721
Ion Ratio Lower Upper
142 100
141 101.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.055 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

Tgt Ion:142 Resp: 8515
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

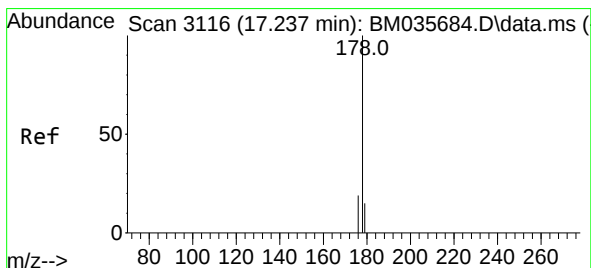
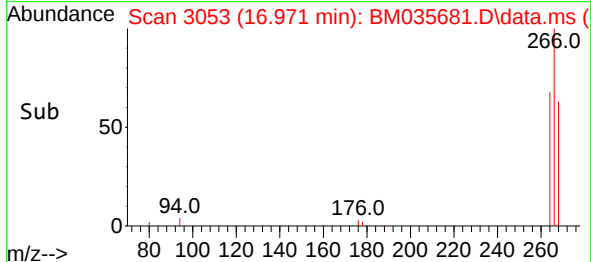
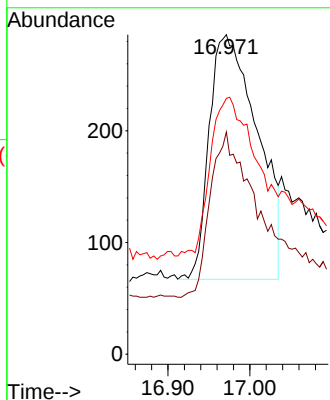
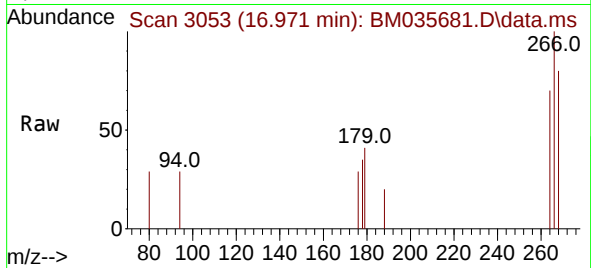




#14
Pentachlorophenol
Concen: 0.510 ng/ul
RT: 16.971 min Scan# 3036
Delta R.T. 0.072 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

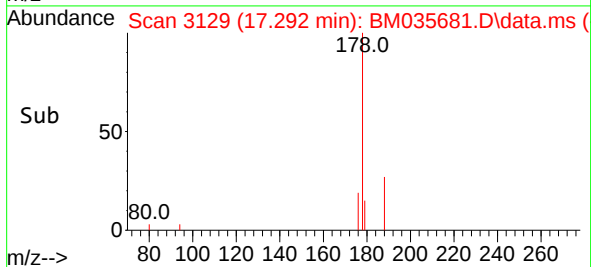
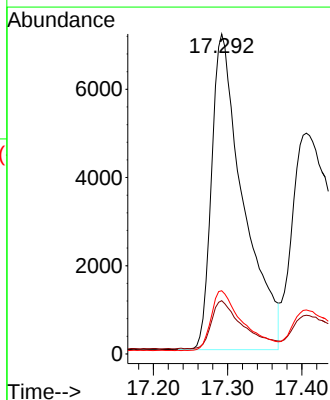
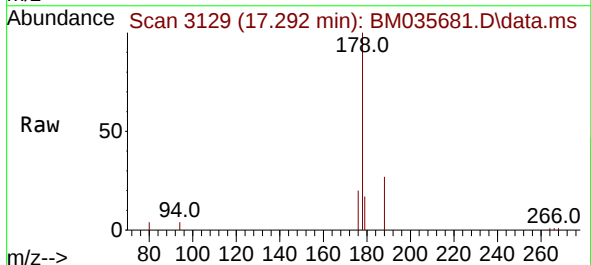
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

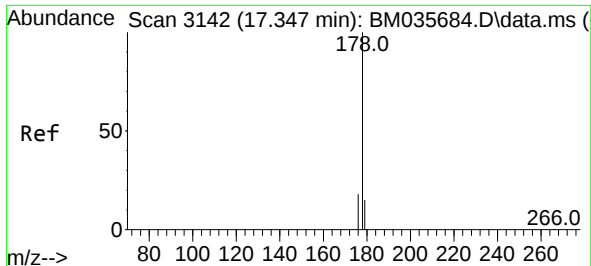
Tgt Ion:266 Resp: 897
Ion Ratio Lower Upper
266 100
264 62.1 50.3 75.5
268 63.3 53.5 80.3



#15
Phenanthrene
Concen: 0.631 ng/ul
RT: 17.292 min Scan# 3129
Delta R.T. 0.055 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

Tgt Ion:178 Resp: 21230
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.8 15.6 23.4

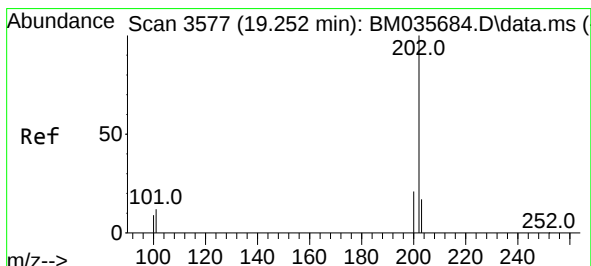
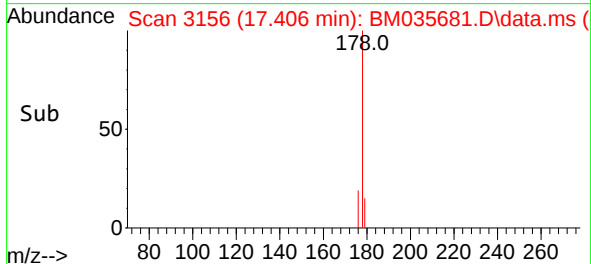
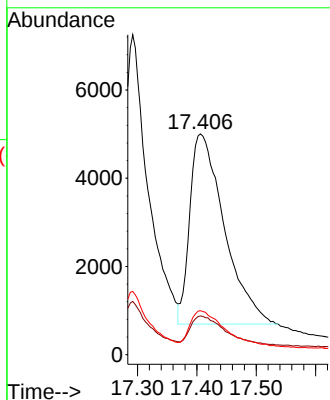
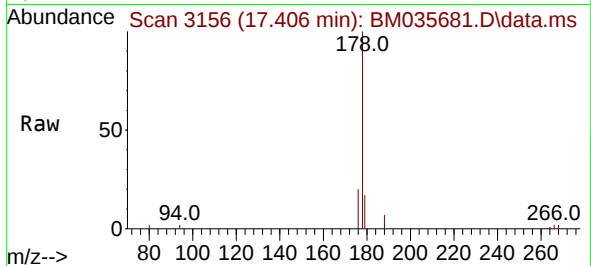




#16
 Anthracene
 Concen: 0.591 ng/ul
 RT: 17.406 min Scan# 3142
 Delta R.T. 0.059 min
 Lab File: BM035681.D
 Acq: 25 Jun 2022 10:35

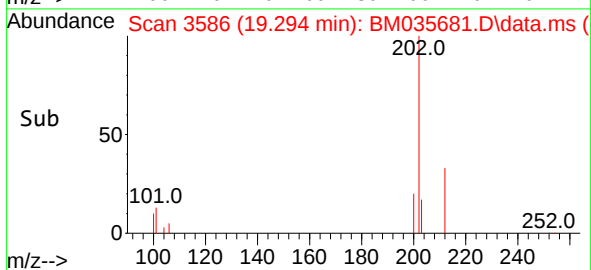
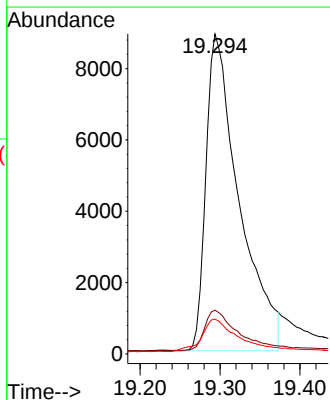
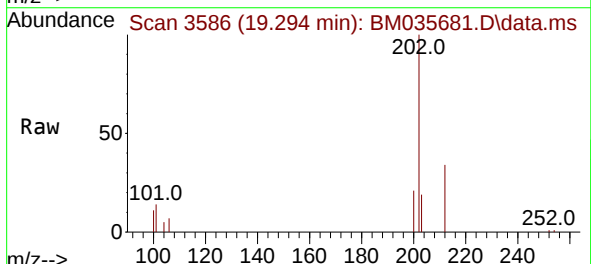
Instrument :
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 ClientSampleId :
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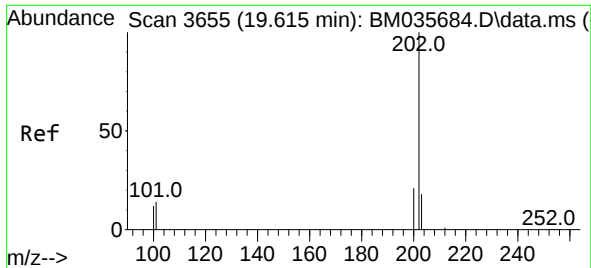
Tgt Ion:	178	Resp:	17399
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.6	20.4
176	20.0	15.6	23.4



#19
 Fluoranthene
 Concen: 0.361 ng/ul
 RT: 19.294 min Scan# 3586
 Delta R.T. 0.042 min
 Lab File: BM035681.D
 Acq: 25 Jun 2022 10:35

Tgt Ion:	202	Resp:	25597
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.1	15.1
100	10.9	7.9	11.9

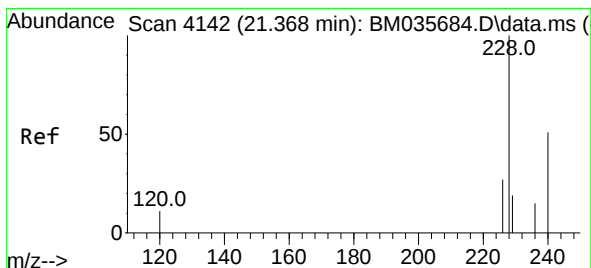
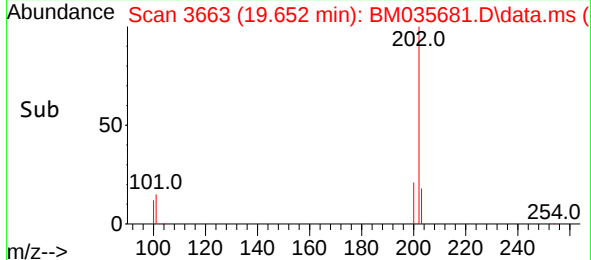
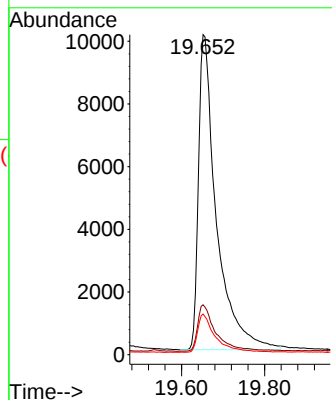
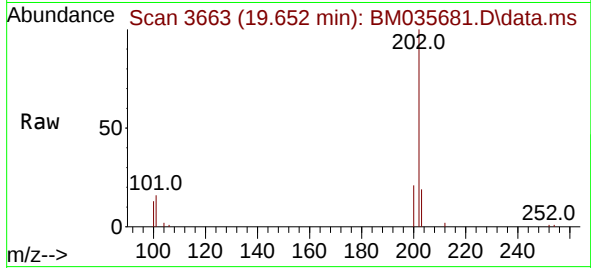




#20
Pyrene
Concen: 0.407 ng/u1
RT: 19.652 min Scan# 30
Delta R.T. 0.037 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

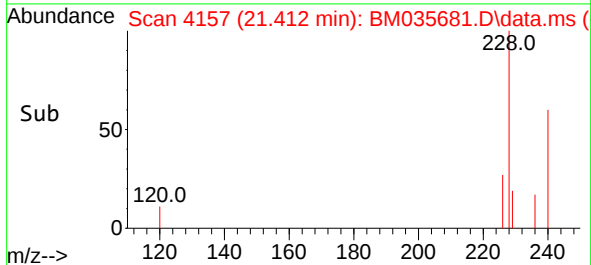
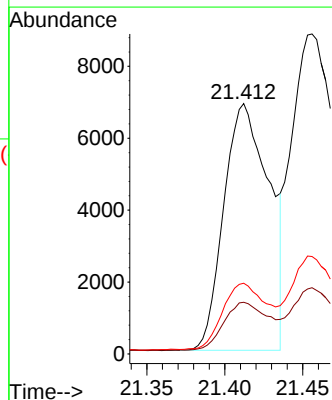
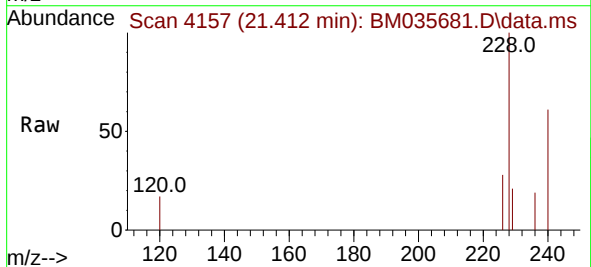
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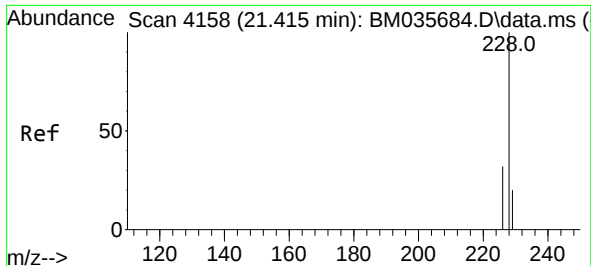
Tgt Ion:202 Resp: 30292
Ion Ratio Lower Upper
202 100
101 15.6 12.0 18.0
100 12.7 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.265 ng/u1
RT: 21.412 min Scan# 4157
Delta R.T. 0.044 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

Tgt Ion:228 Resp: 13887
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.2 22.5 33.7

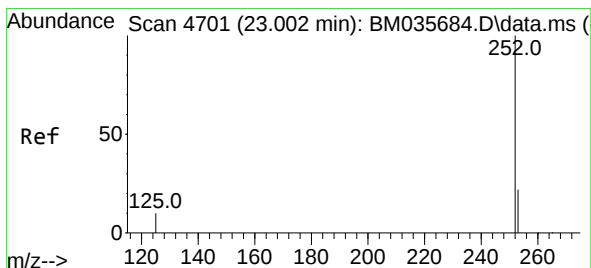
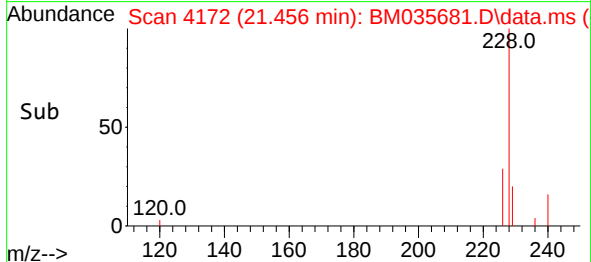
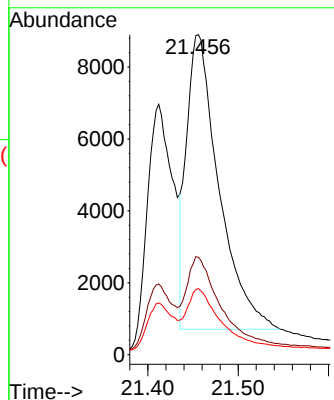
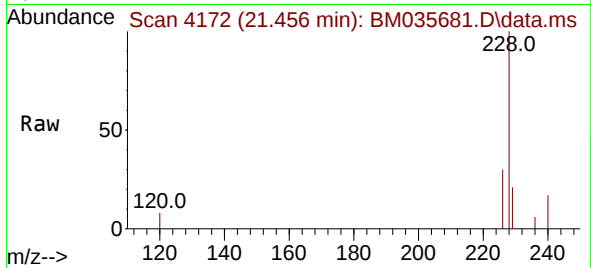




#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.456 min Scan# 41
Delta R.T. 0.041 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

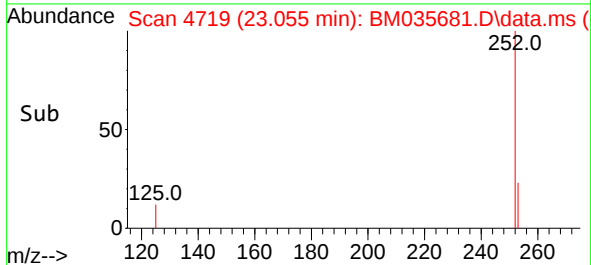
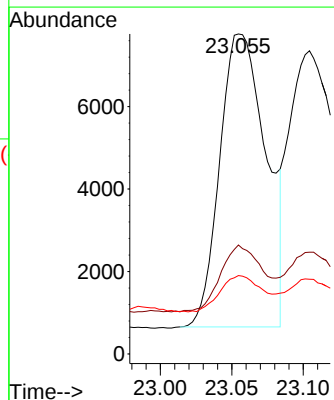
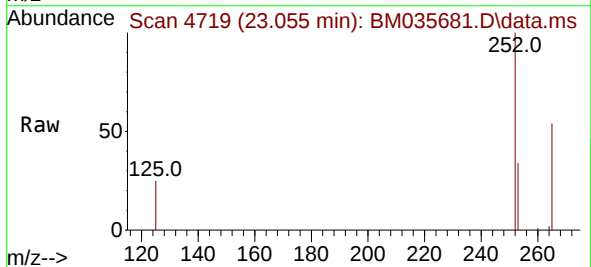
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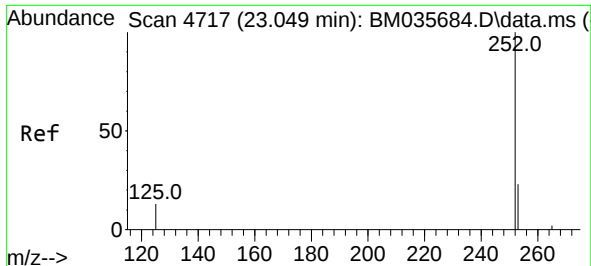
Tgt Ion:228 Resp: 20369
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.7 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.055 min Scan# 4719
Delta R.T. 0.053 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

Tgt Ion:252 Resp: 16030
Ion Ratio Lower Upper
252 100
253 34.0 0.0 61.4
125 24.5 0.0 42.6

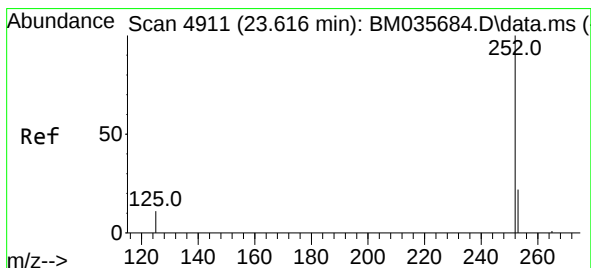
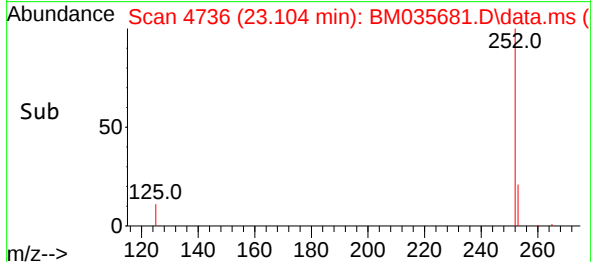
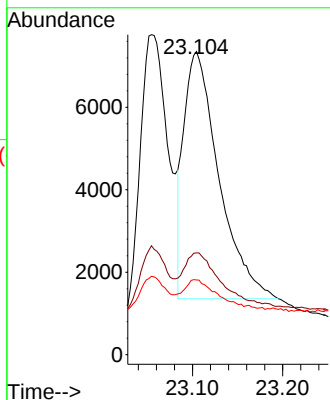
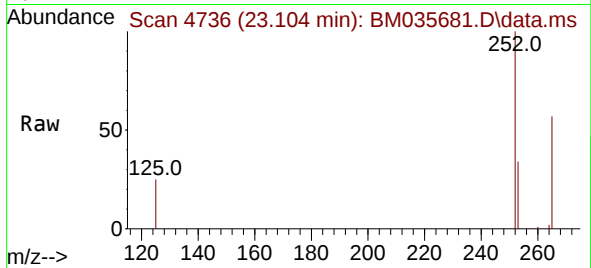




#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.104 min Scan# 41
Delta R.T. 0.055 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

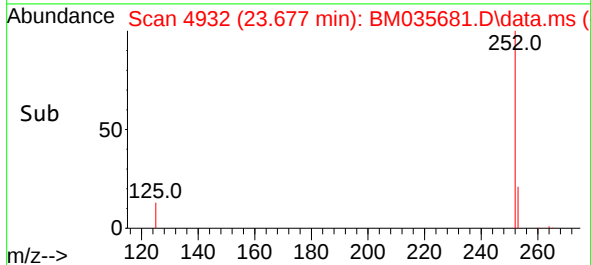
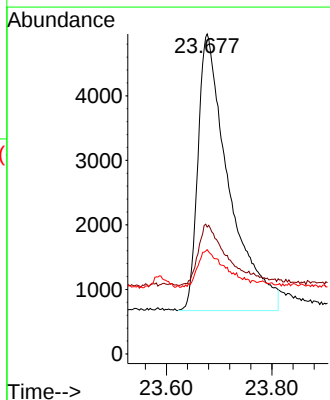
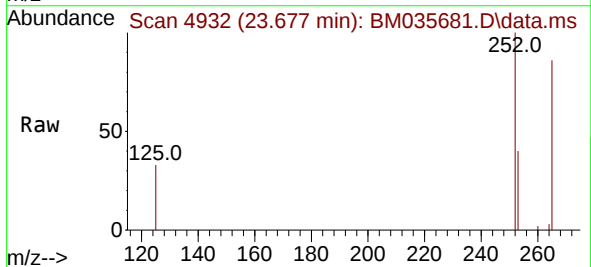
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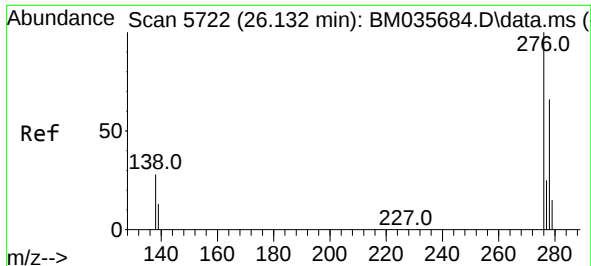
Tgt Ion:252 Resp: 16139
Ion Ratio Lower Upper
252 100
253 33.6 25.2 37.8
125 24.6 18.3 27.5



#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.677 min Scan# 4932
Delta R.T. 0.061 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

Tgt Ion:252 Resp: 17382
Ion Ratio Lower Upper
252 100
253 39.6 29.7 44.5
125 32.6 23.6 35.4

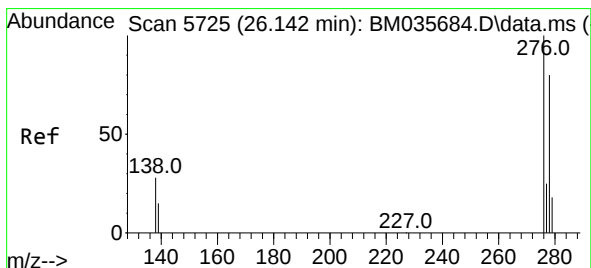
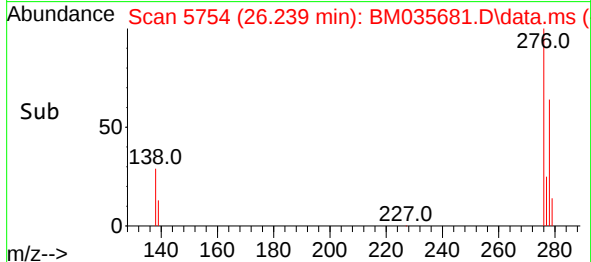
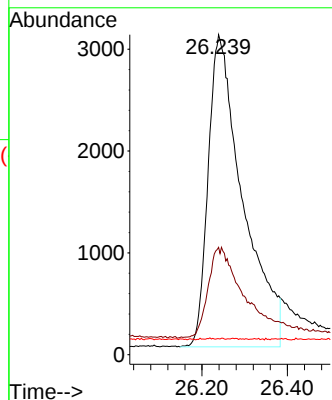
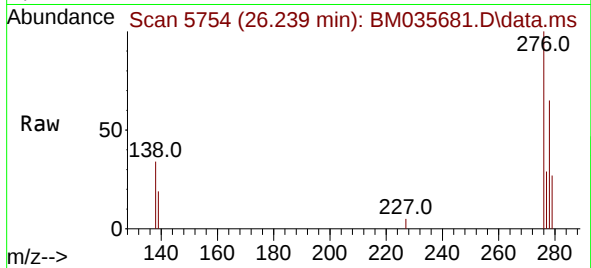




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 26.239 min Scan# 5754
Delta R.T. 0.107 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

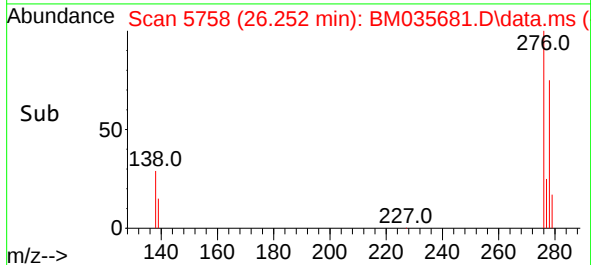
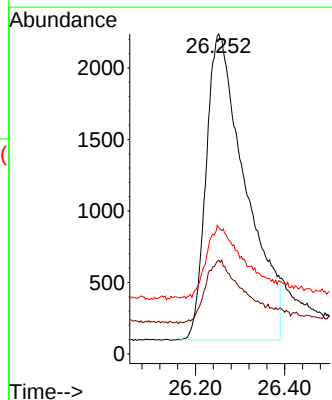
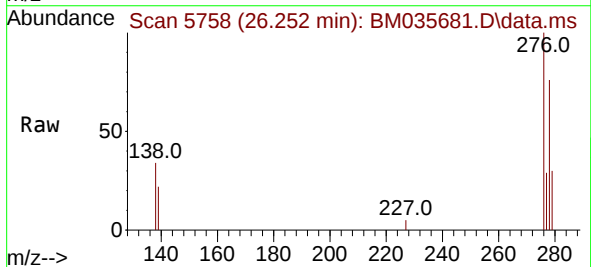
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

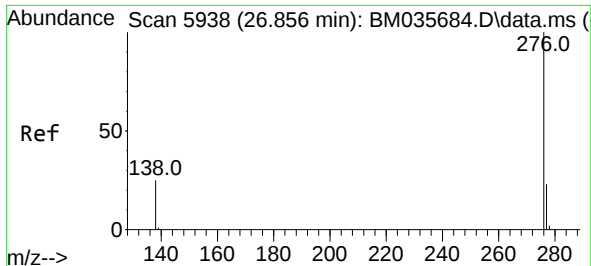
Tgt Ion:276 Resp: 17215
Ion Ratio Lower Upper
276 100
138 29.4 23.9 35.9
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 26.252 min Scan# 5758
Delta R.T. 0.111 min
Lab File: BM035681.D
Acq: 25 Jun 2022 10:35

Tgt Ion:278 Resp: 13164
Ion Ratio Lower Upper
278 100
139 29.3 19.8 29.6
279 39.5 27.7 41.5





#29

Benzo(g,h,i)perylene

Concen: 0.325 ng/ul

RT: 26.963 min Scan# 5970

Delta R.T. 0.107 min

Lab File: BM035681.D

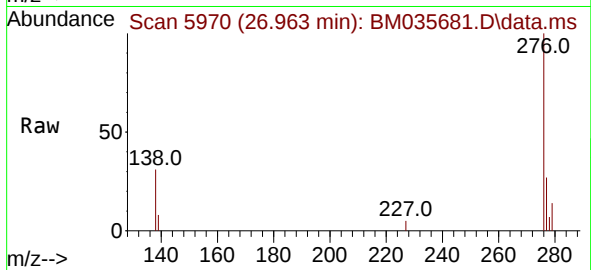
Acq: 25 Jun 2022 10:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.4113



Tgt Ion:276 Resp: 16159

Ion Ratio Lower Upper

276 100

138 30.9 23.4 35.0

277 27.2 21.0 31.4

