

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043294.D
 Acq On : 13 Dec 2023 09:58
 Operator : MA/JU
 Sample : PB157725BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS725

Quant Time: Dec 13 11:21:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

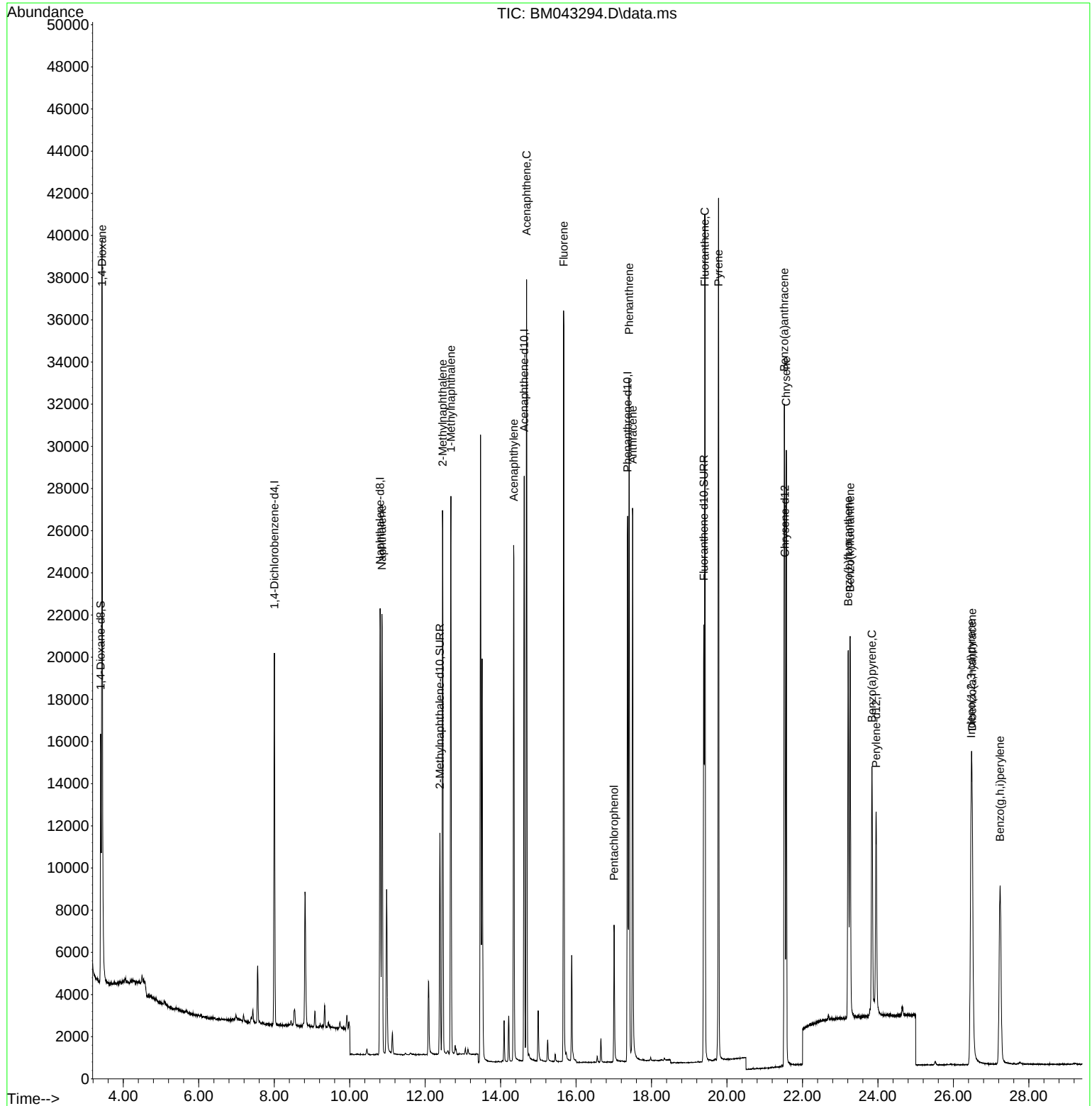
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8793	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	28339	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	15103	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	29355	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.536	240	15191	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	14101	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	7857	0.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	13776	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	20521	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	23354	2.096	ng/ul#	80
5) Naphthalene	10.856	128	29460	0.346	ng/ul	100
7) 2-Methylnaphthalene	12.462	142	18643	0.339	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	18207	0.330	ng/ul	100
10) Acenaphthylene	14.347	152	28443	0.342	ng/ul	100
11) Acenaphthene	14.689	153	21038	0.348	ng/ul	97
12) Fluorene	15.670	166	23022	0.336	ng/ul	100
14) Pentachlorophenol	17.008	266	4473	0.688	ng/ul	99
15) Phenanthrene	17.405	178	34699	0.354	ng/ul	100
16) Anthracene	17.497	178	31176	0.351	ng/ul	99
19) Fluoranthene	19.413	202	32574	0.380	ng/ul#	90
20) Pyrene	19.775	202	32305	0.380	ng/ul	94
21) Benzo(a)anthracene	21.518	228	24376	0.366	ng/ul	99
22) Chrysene	21.571	228	25721	0.365	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	22749	0.355	ng/ul	95
25) Benzo(k)fluoranthene	23.263	252	24512	0.369	ng/ul#	93
26) Benzo(a)pyrene	23.842	252	19196	0.364	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.472	276	23057	0.384	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.495	278	18423	0.387	ng/ul	96
29) Benzo(g,h,i)perylene	27.240	276	19696	0.384	ng/ul	95

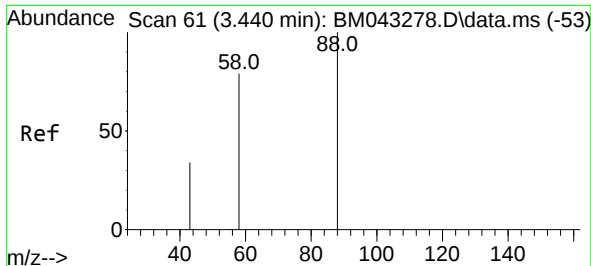
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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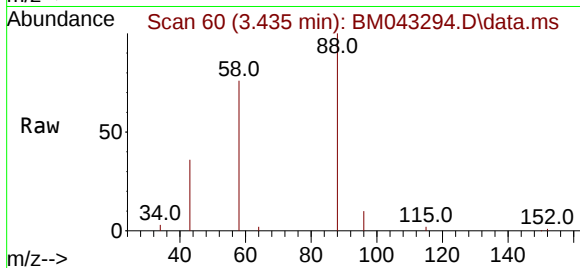
Quant Time: Dec 13 11:21:15 2023
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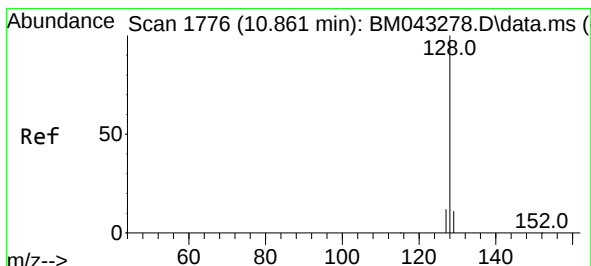
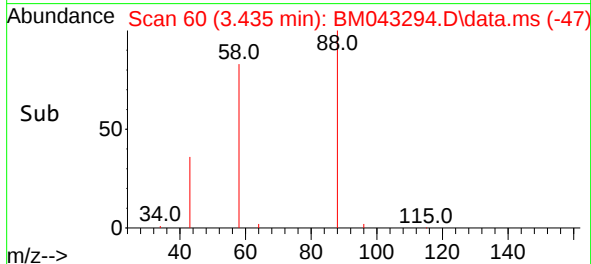
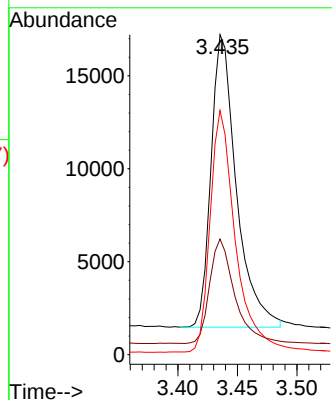


#2
1,4-Dioxane
Concen: 2.096 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. -0.004 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Instrument :
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ClientSampleId :
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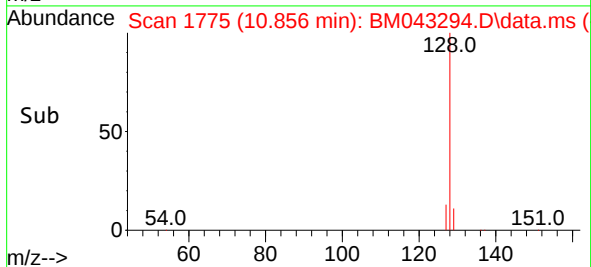
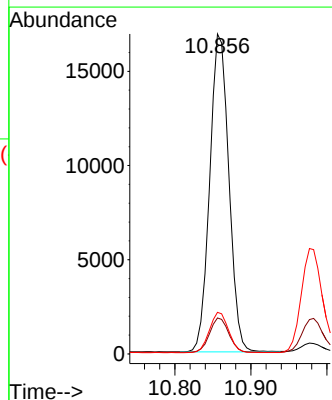
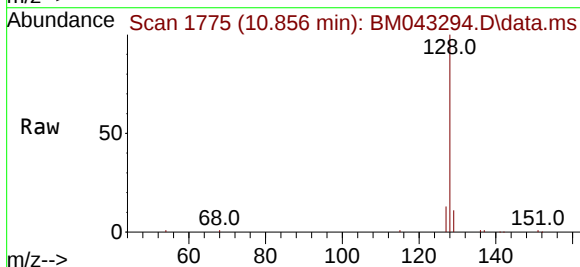


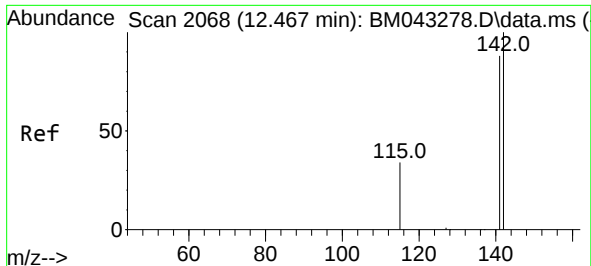
Tgt Ion: 88 Resp: 23354
Ion Ratio Lower Upper
88 100
43 36.2 27.9 41.9
58 76.3 43.4 65.2#



#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. -0.011 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion: 128 Resp: 29460
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.0 10.3 15.5

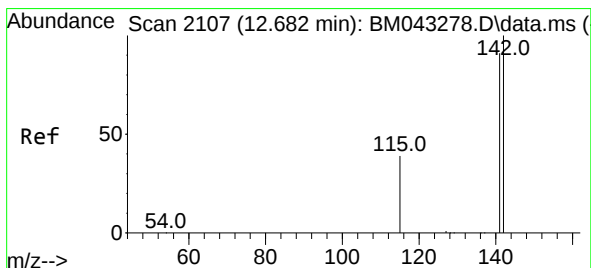
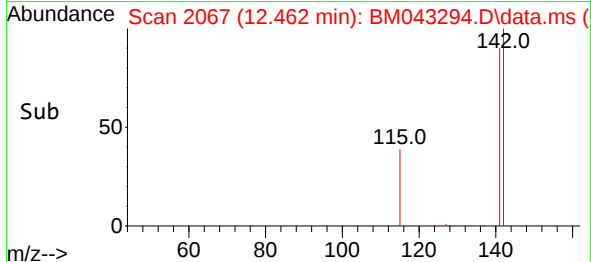
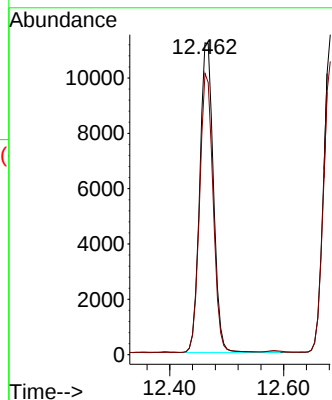
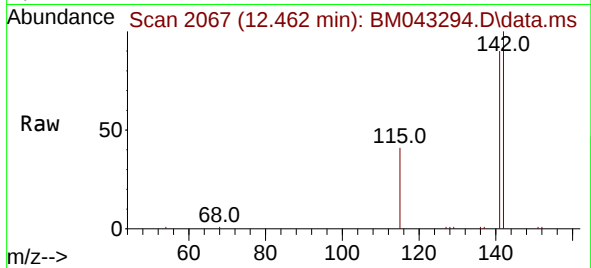




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

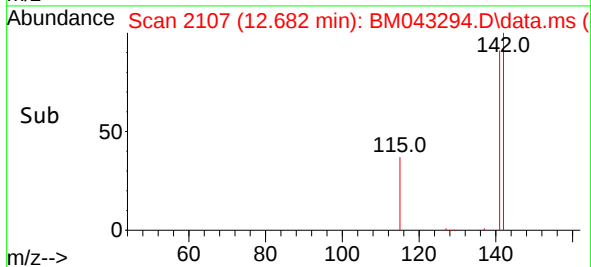
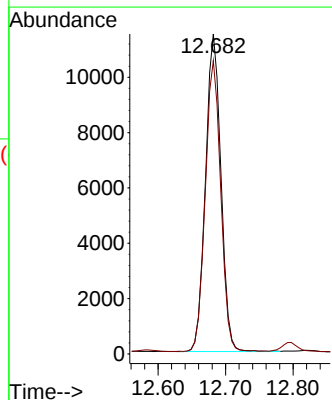
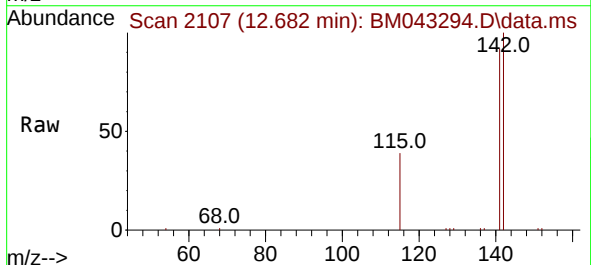
Instrument :
BNA_M
ClientSampleId :
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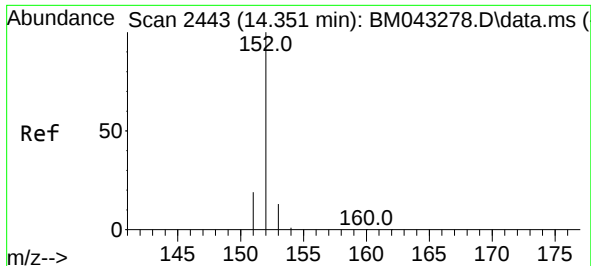
Tgt Ion:142 Resp: 18643
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:142 Resp: 18207
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

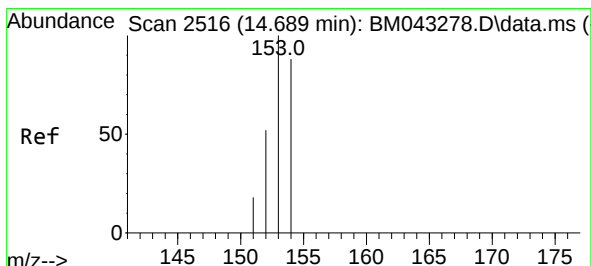
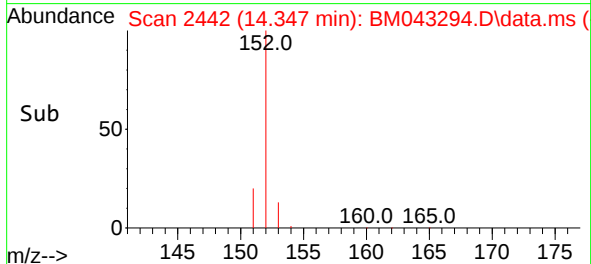
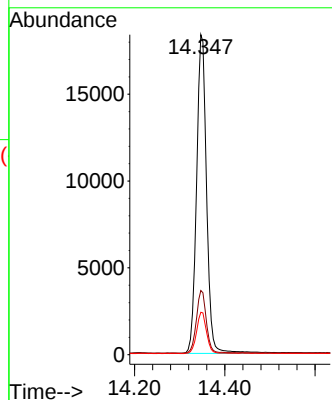
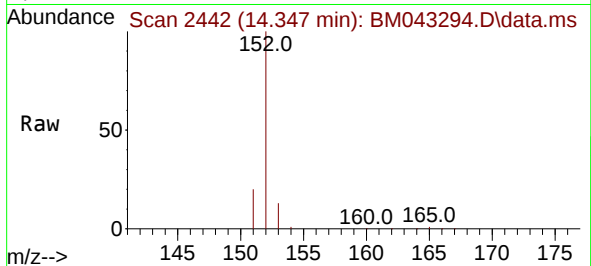




#10
Acenaphthylene
Concen: 0.342 ng/u1
RT: 14.347 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

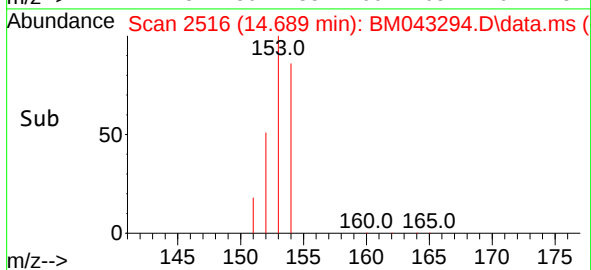
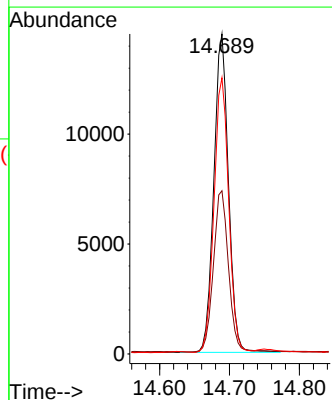
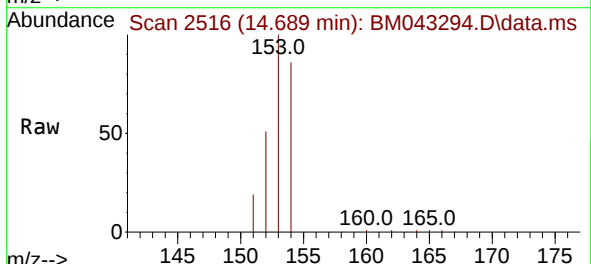
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BNA_M
ClientSampleId :
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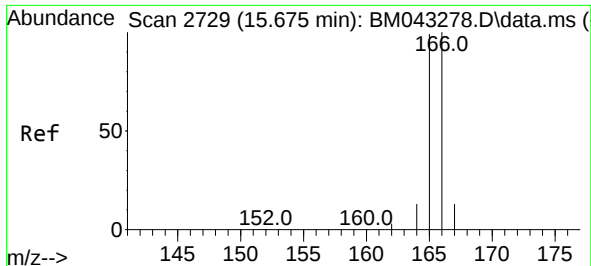
Tgt Ion:152 Resp: 28443
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.4 15.6



#11
Acenaphthene
Concen: 0.348 ng/u1
RT: 14.689 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:153 Resp: 21038
Ion Ratio Lower Upper
153 100
152 51.0 42.1 63.1
154 86.3 71.3 106.9

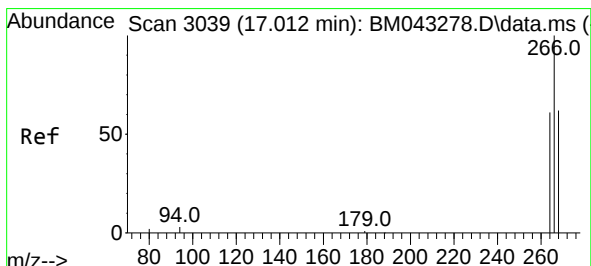
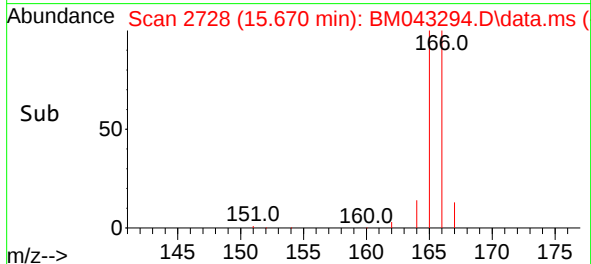
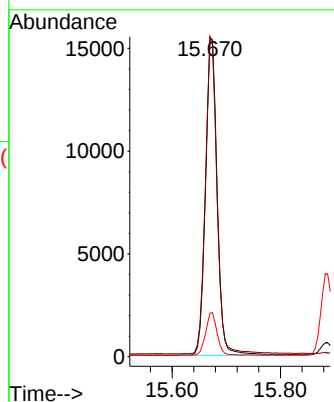
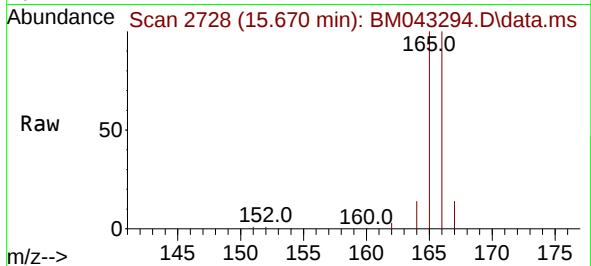




#12
 Fluorene
 Concen: 0.336 ng/ul
 RT: 15.670 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM043294.D
 Acq: 13 Dec 2023 09:58

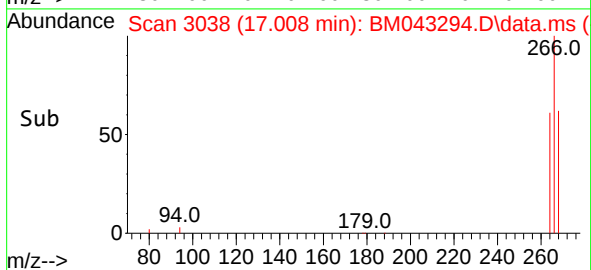
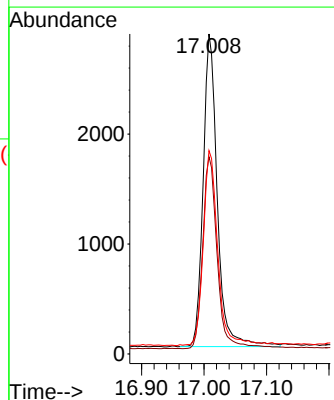
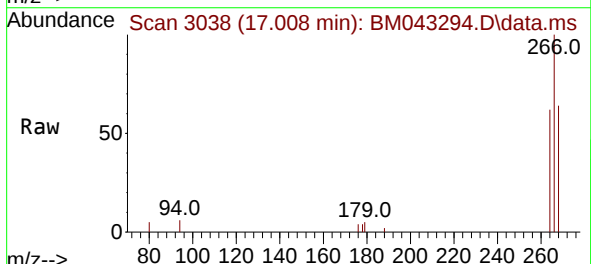
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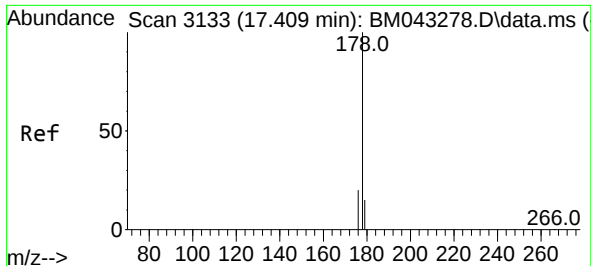
Tgt Ion:166 Resp: 23022
 Ion Ratio Lower Upper
 166 100
 165 100.2 80.3 120.5
 167 13.6 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.688 ng/ul
 RT: 17.008 min Scan# 3038
 Delta R.T. -0.004 min
 Lab File: BM043294.D
 Acq: 13 Dec 2023 09:58

Tgt Ion:266 Resp: 4473
 Ion Ratio Lower Upper
 266 100
 264 63.9 51.7 77.5
 268 65.7 51.9 77.9

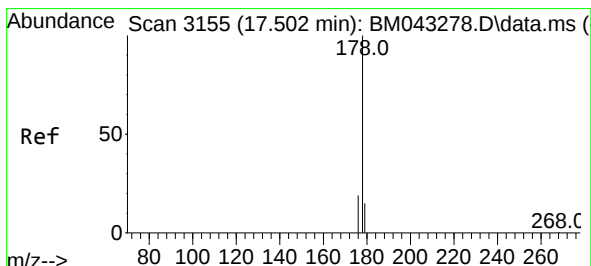
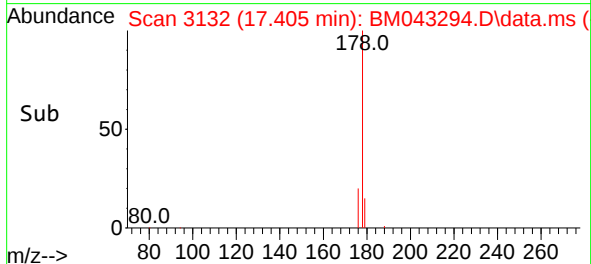
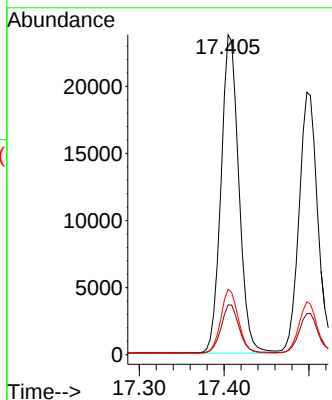
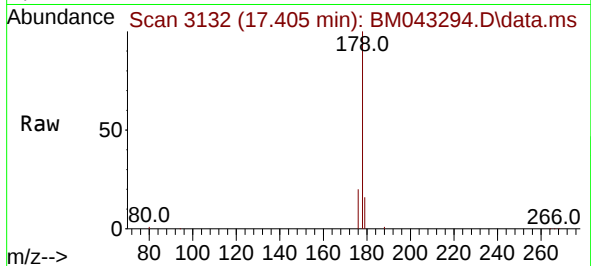




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.405 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

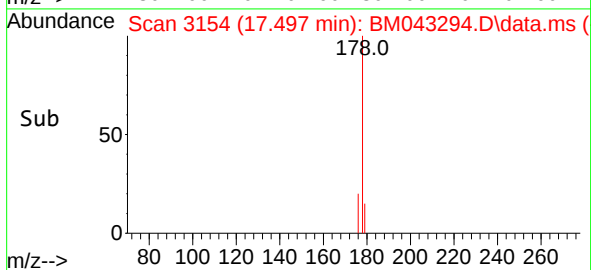
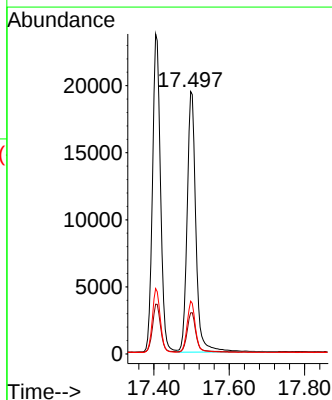
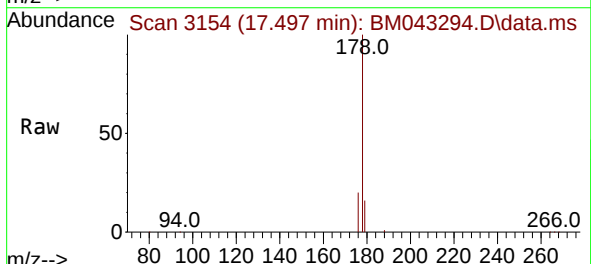
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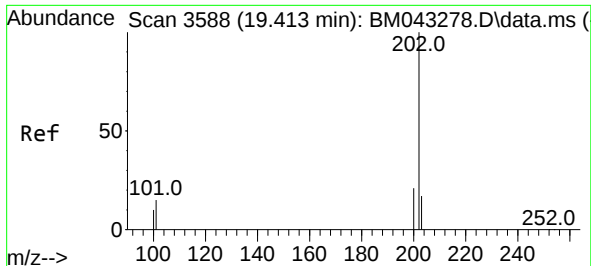
Tgt Ion:	178	Resp:	34699
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	20.4	16.2	24.2



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.497 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:	178	Resp:	31176
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	20.1	15.6	23.4

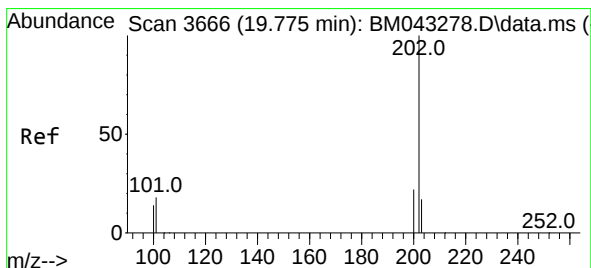
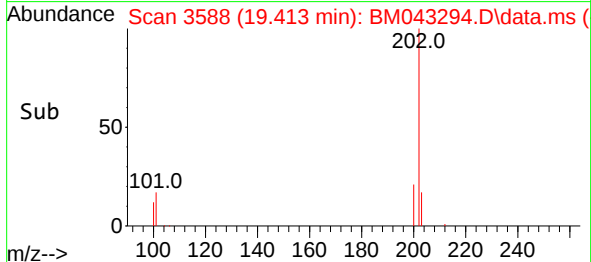
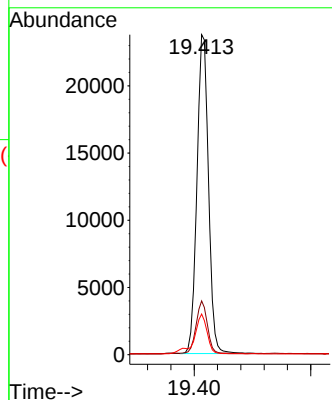
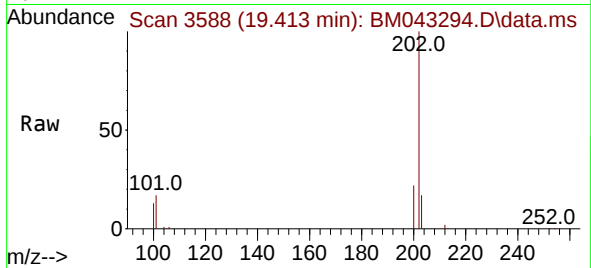




#19
Fluoranthene
Concen: 0.380 ng/ul
RT: 19.413 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

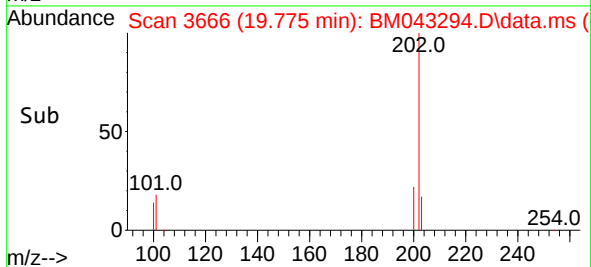
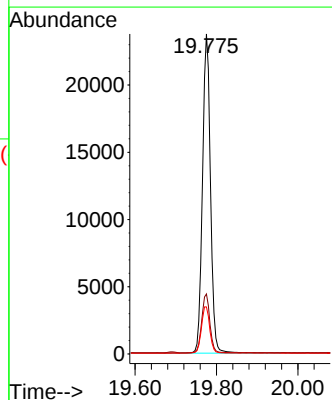
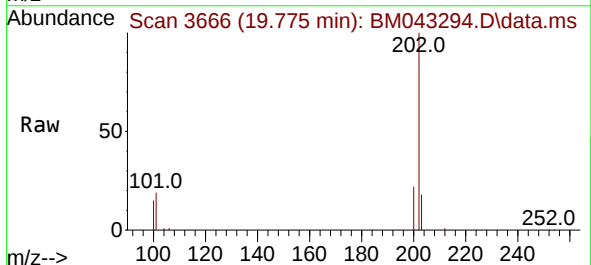
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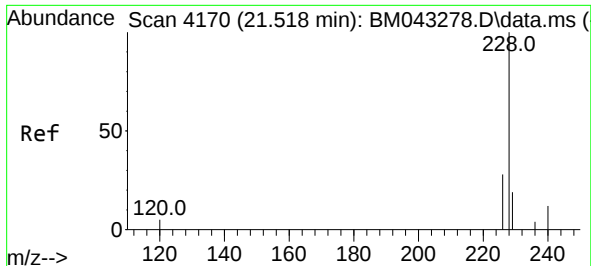
Tgt Ion:202 Resp: 32574
Ion Ratio Lower Upper
202 100
101 16.8 10.1 15.1#
100 12.7 7.4 11.2#



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:202 Resp: 32305
Ion Ratio Lower Upper
202 100
101 18.7 12.7 19.1
100 14.7 9.8 14.8

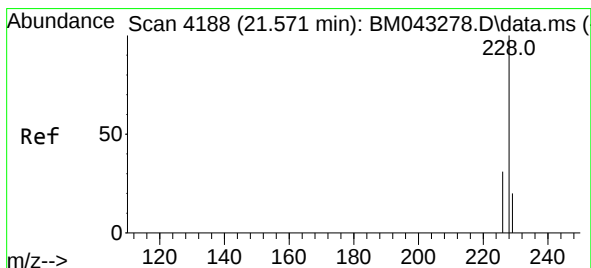
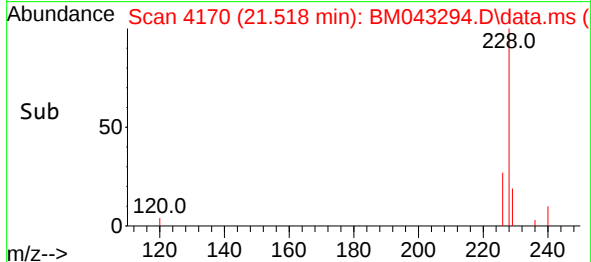
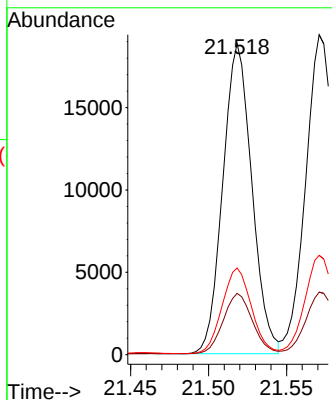
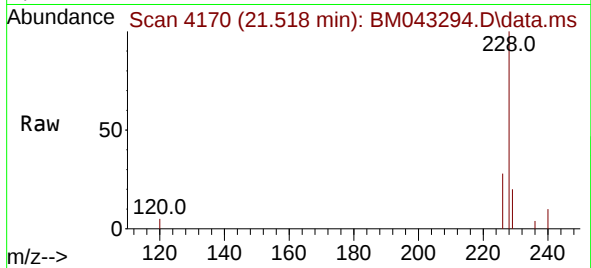




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

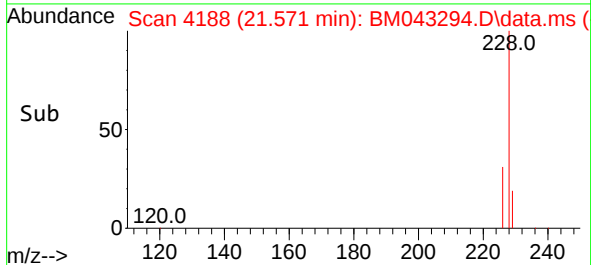
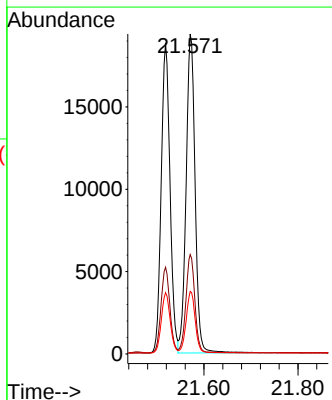
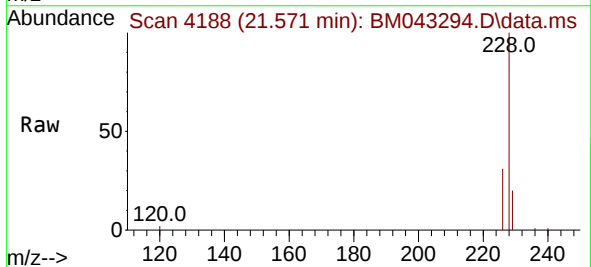
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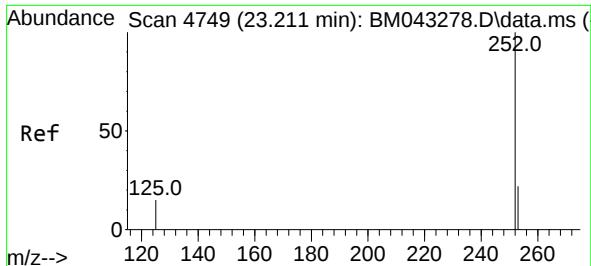
Tgt Ion:228 Resp: 24376
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.9 22.6 34.0



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:228 Resp: 25721
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 19.6 15.7 23.5

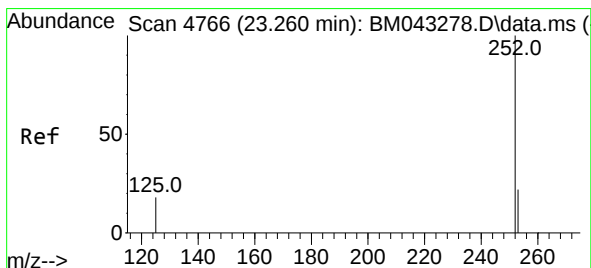
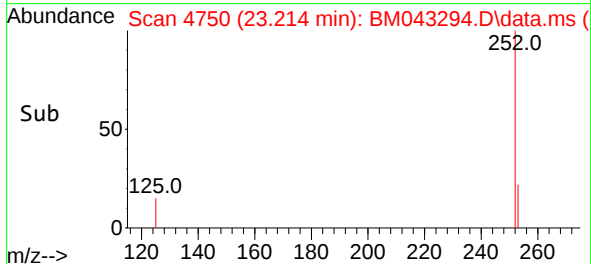
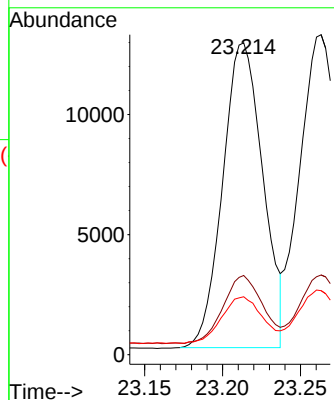
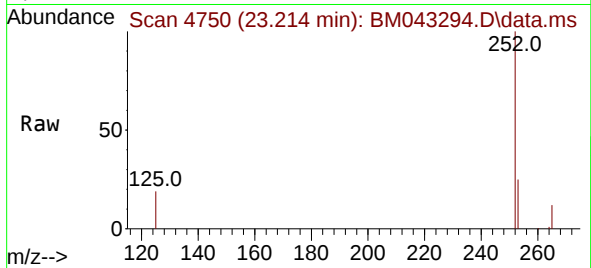




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.214 min Scan# 4749
Delta R.T. -0.000 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

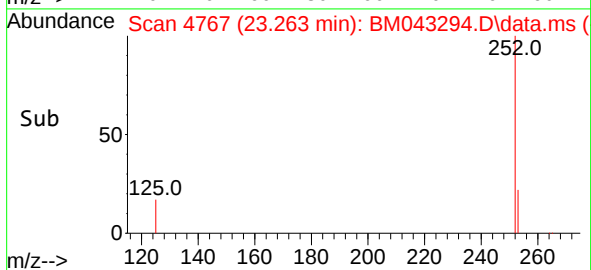
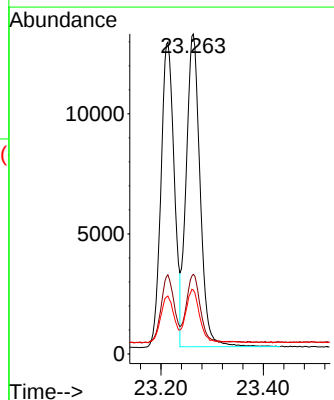
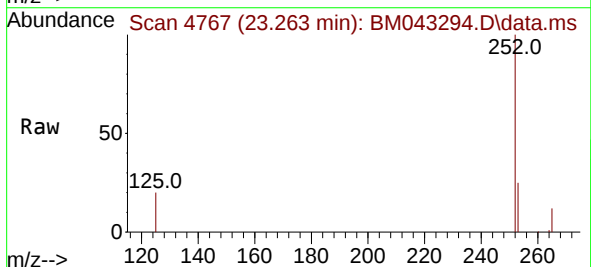
Instrument :
BNA_M
ClientSampleId :
SLCS725

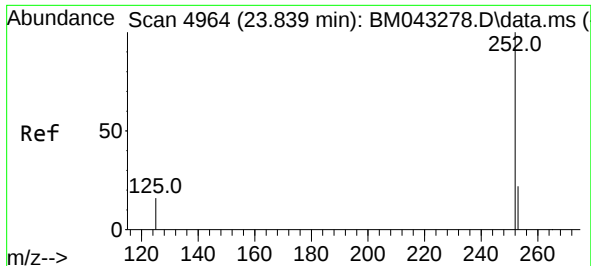
Tgt Ion:252 Resp: 22749
Ion Ratio Lower Upper
252 100
253 25.4 0.0 48.8
125 18.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:252 Resp: 24512
Ion Ratio Lower Upper
252 100
253 24.9 18.6 28.0
125 20.0 11.8 17.8#

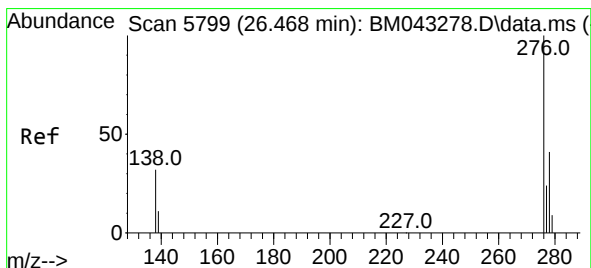
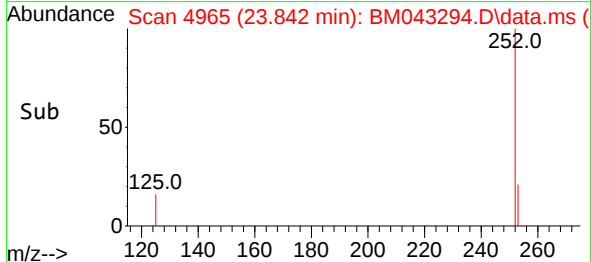
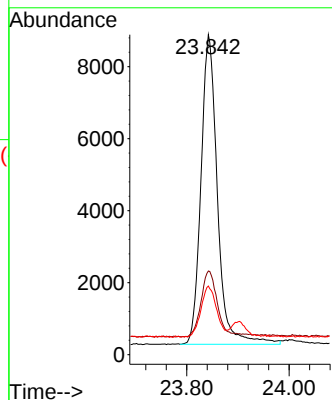
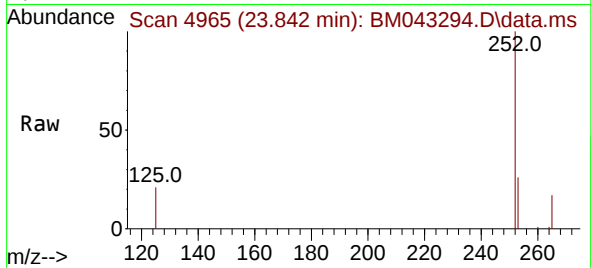




#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.842 min Scan# 4964
Delta R.T. -0.003 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

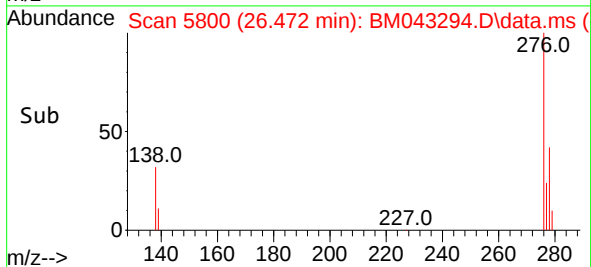
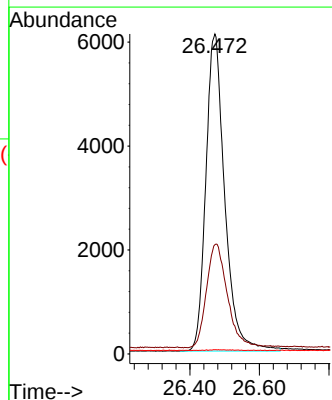
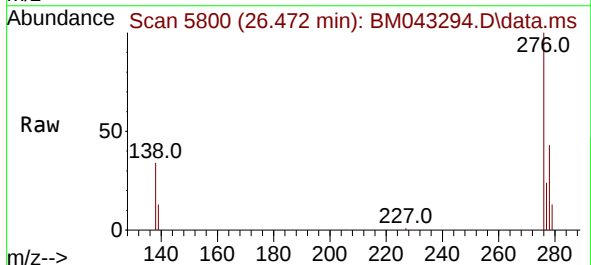
Instrument :
BNA_M
ClientSampleId :
SLCS725

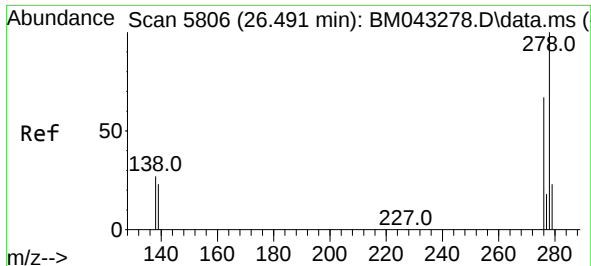
Tgt Ion:252 Resp: 19196
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.2
125 21.5 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 26.472 min Scan# 5800
Delta R.T. 0.000 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:276 Resp: 23057
Ion Ratio Lower Upper
276 100
138 36.5 24.6 36.8
227 0.1 0.0 0.0#

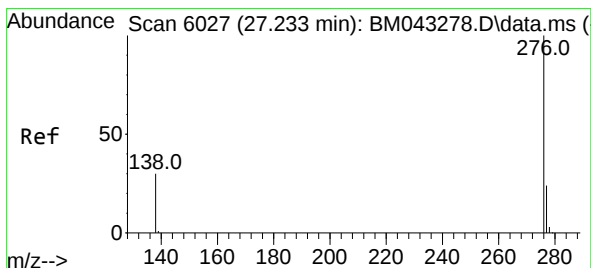
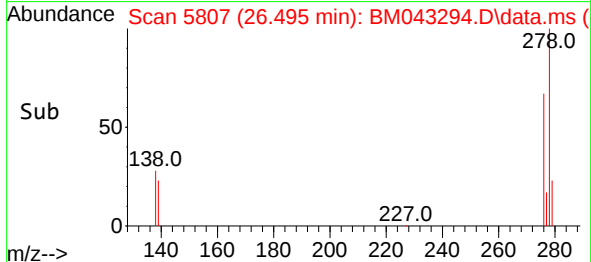
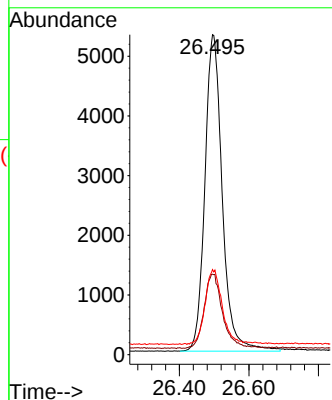
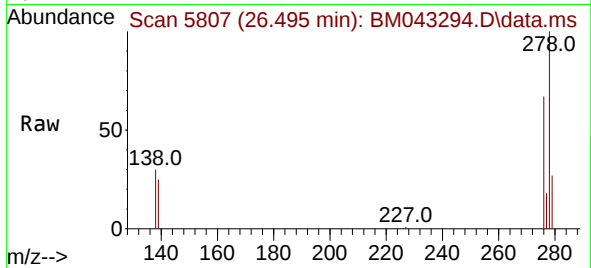




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.495 min Scan# 5806
Delta R.T. -0.006 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Instrument :
BNA_M
ClientSampleId :
SLCS725

Tgt Ion:278 Resp: 18423
Ion Ratio Lower Upper
278 100
139 25.1 17.4 26.2
279 26.6 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 27.240 min Scan# 6029
Delta R.T. 0.000 min
Lab File: BM043294.D
Acq: 13 Dec 2023 09:58

Tgt Ion:276 Resp: 19696
Ion Ratio Lower Upper
276 100
138 33.0 23.1 34.7
277 24.7 19.4 29.0

