

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102721\
 Data File : BM032764.D
 Acq On : 27 Oct 2021 17:13
 Operator : CG/JU
 Sample : PB140207BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS207

Quant Time: Oct 27 17:45:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 27 15:49:57 2021
 Response via : Initial Calibration

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

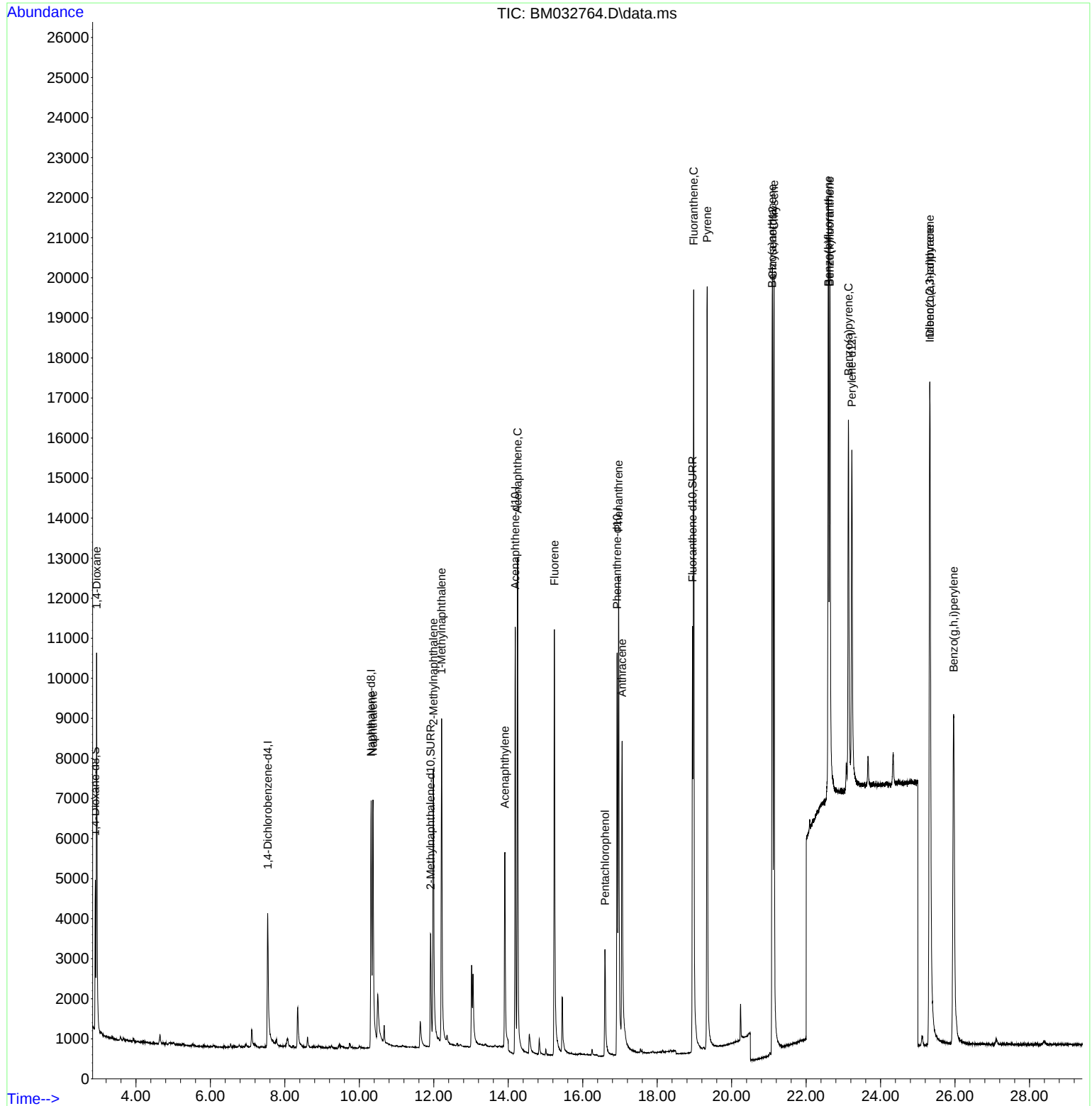
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	10276	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.190	164	6083	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	13006	0.400	ng/ul	0.00
17) Chrysene-d12	21.101	240	12397	0.400	ng/ul	0.00
23) Perylene-d12	23.227	264	11419	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.910	96	2384	0.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.913	152	4955	0.348	ng/ul	0.00
18) Fluoranthene-d10	18.950	212	12235	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.944	88	6305	1.713	ng/ul#	88
5) Naphthalene	10.366	128	10316	0.336	ng/ul	99
7) 2-Methylnaphthalene	11.990	142	6604	0.322	ng/ul	100
8) 1-Methylnaphthalene	12.210	142	6294	0.313	ng/ul	100
10) Acenaphthylene	13.910	152	7478	0.322	ng/ul	98
11) Acenaphthene	14.251	153	7640	0.325	ng/ul	99
12) Fluorene	15.241	166	8700	0.321	ng/ul	98
14) Pentachlorophenol	16.599	266	2340	0.539	ng/ul	99
15) Phenanthrene	16.963	178	13978	0.322	ng/ul	99
16) Anthracene	17.057	178	11248	0.314	ng/ul	100
19) Fluoranthene	18.981	202	17076	0.332	ng/ul	100
20) Pyrene	19.343	202	17597	0.331	ng/ul	98
21) Benzo(a)anthracene	21.087	228	14399	0.328	ng/ul	99
22) Chrysene	21.137	228	17906	0.342	ng/ul	99
24) Benzo(b)fluoranthene	22.597	252	17749	0.345	ng/ul	99
25) Benzo(k)fluoranthene	22.639	252	19379	0.344	ng/ul	99
26) Benzo(a)pyrene	23.138	252	14417	0.333	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.321	276	19060	0.333	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.323	278	15260	0.333	ng/ul	99
29) Benzo(g,h,i)perylene	25.965	276	17483	0.336	ng/ul	98

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

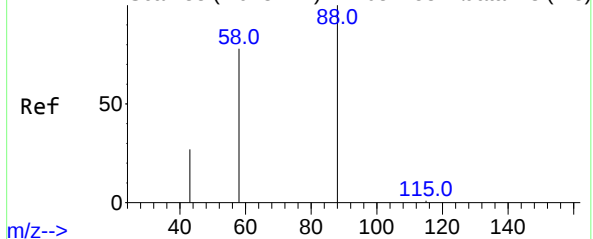
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102721\
Data File : BM032764.D
Acq On : 27 Oct 2021 17:13
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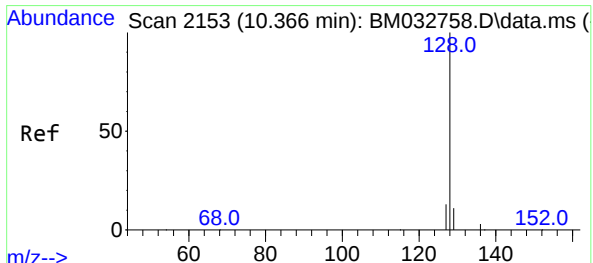
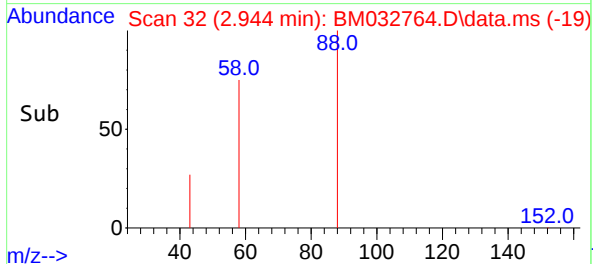
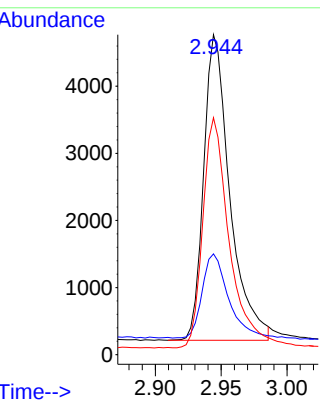
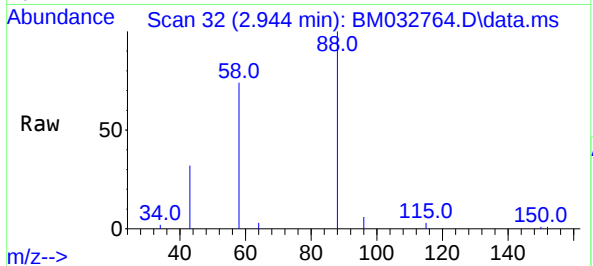
Abundance Scan 33 (2.948 min): BM032758.D\data.ms (-23)



#2
1,4-Dioxane
Concen: 1.713 ng/ul
RT: 2.944 min Scan# 32
Delta R.T. -0.004 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

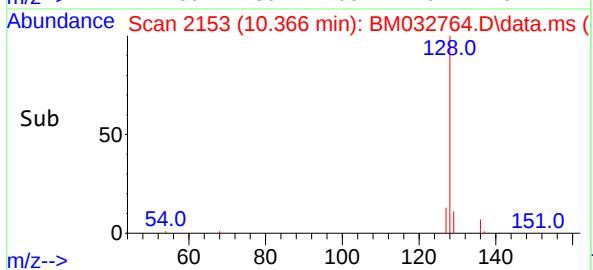
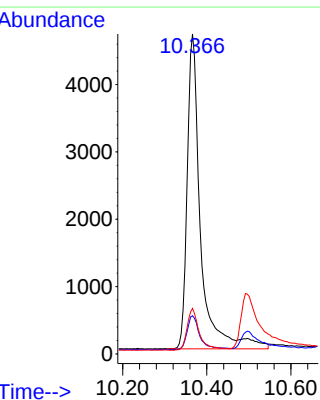
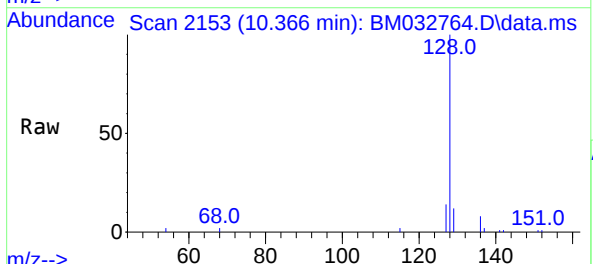
Tgt Ion: 88 Resp: 6305
Ion Ratio Lower Upper
88 100
43 31.5 38.0 57.0#
58 74.0 57.0 85.6

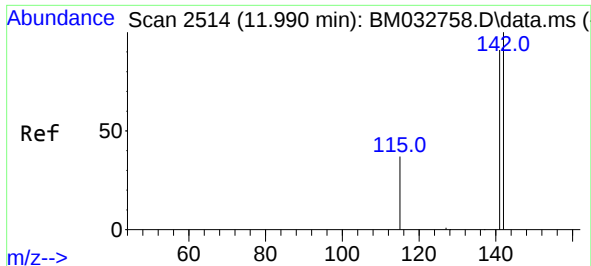
Instrument :
BNA_M
ClientSampleId :
SLCS207



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.366 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion: 128 Resp: 10316
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.2 11.0 16.6

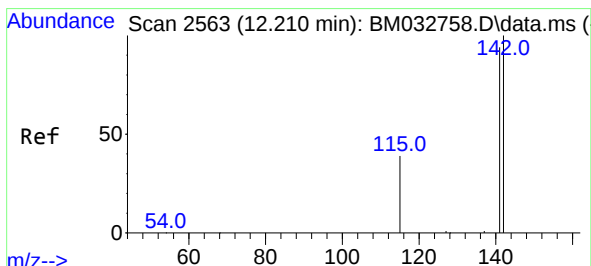
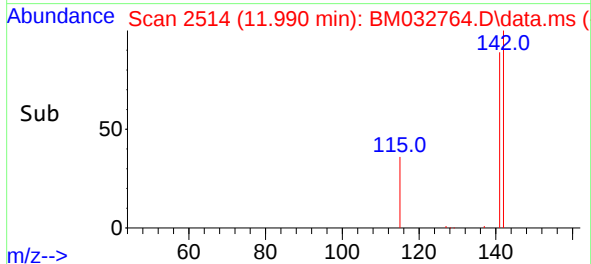
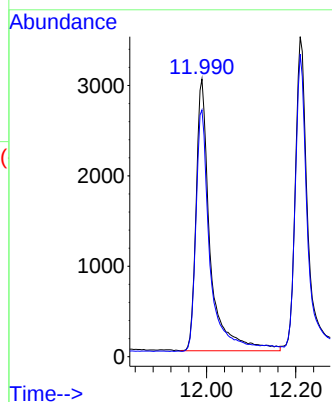
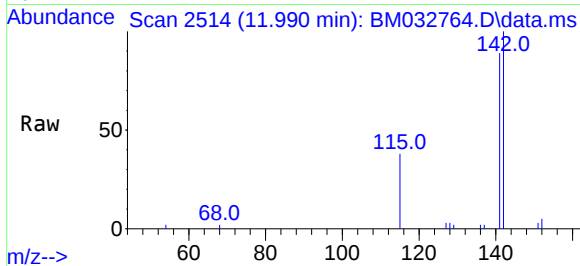




#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 11.990 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

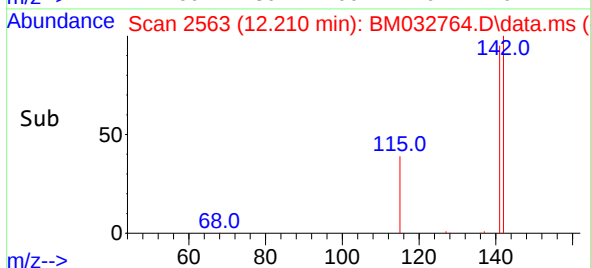
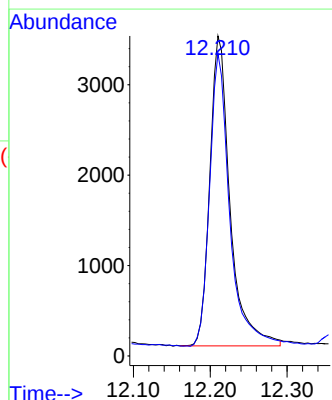
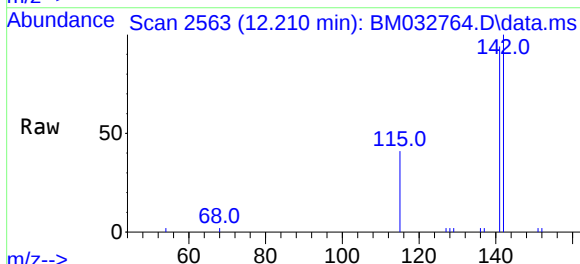
Instrument :
BNA_M
ClientSampleId :
SLCS207

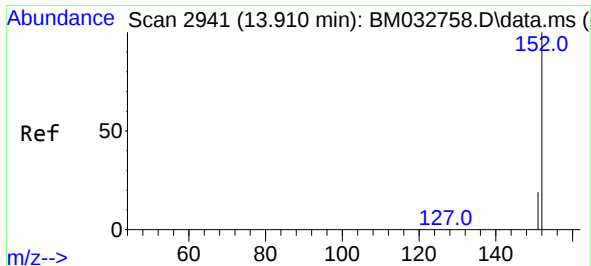
Tgt Ion:142 Resp: 6604
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.210 min Scan# 2563
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:142 Resp: 6294
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.6

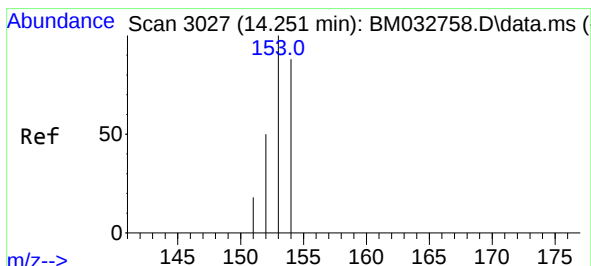
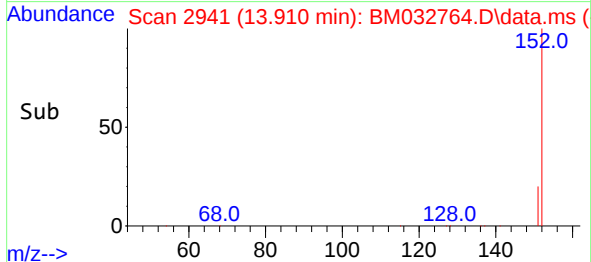
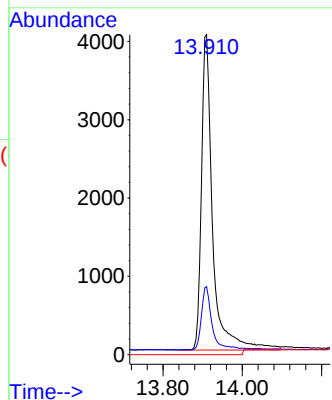
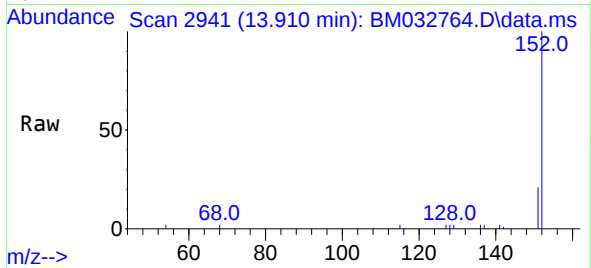




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 13.910 min Scan# 2941
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

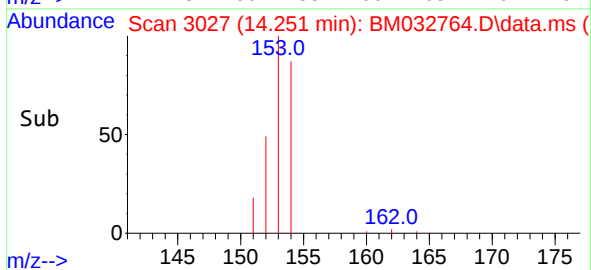
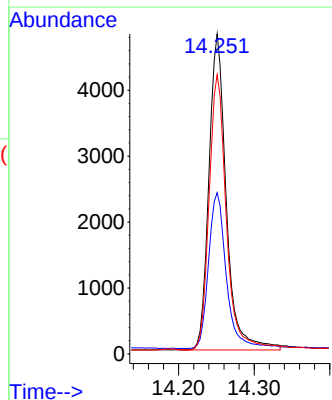
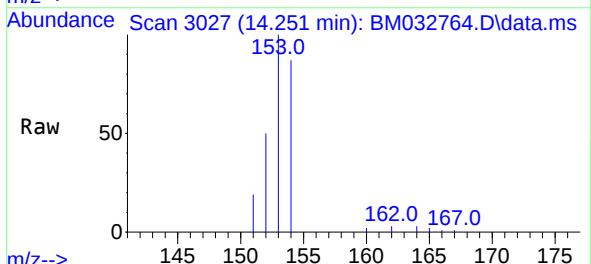
Instrument :
BNA_M
ClientSampleId :
SLCS207

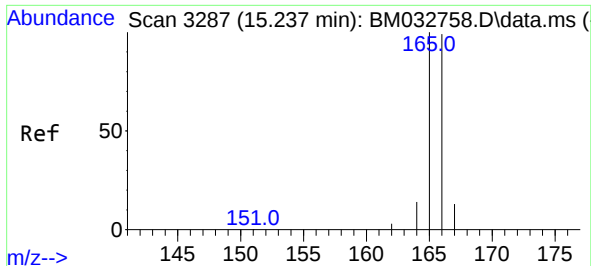
Tgt Ion:152 Resp: 7478
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.251 min Scan# 3027
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:153 Resp: 7640
Ion Ratio Lower Upper
153 100
152 50.4 41.0 61.4
154 87.2 70.7 106.1

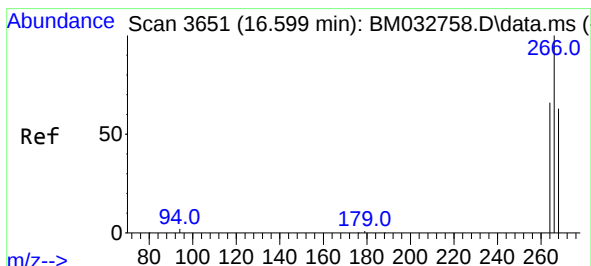
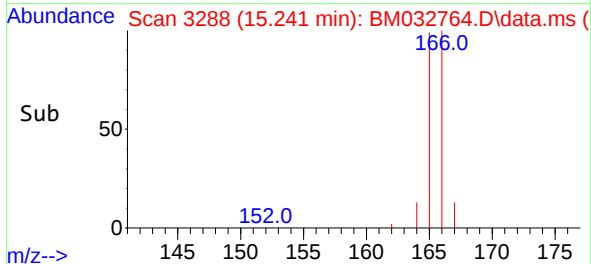
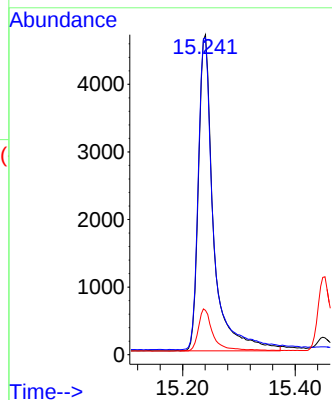
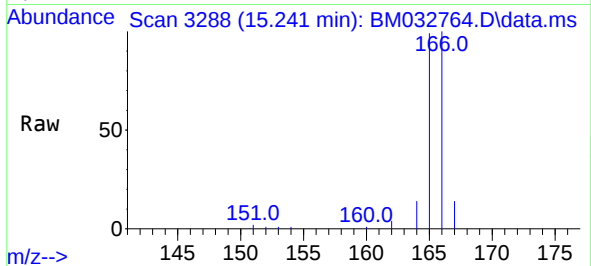




#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.241 min Scan# 3288
Delta R.T. 0.004 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

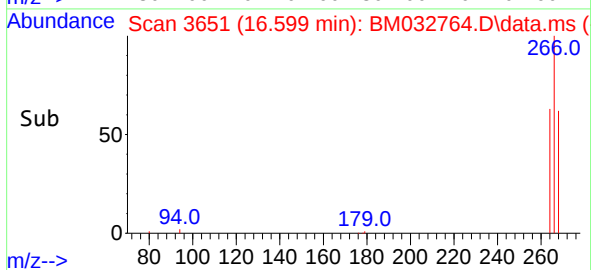
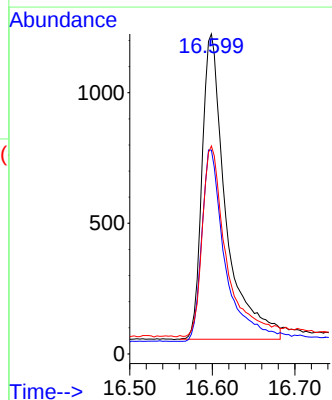
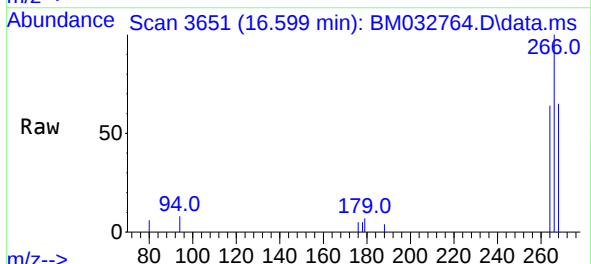
Instrument :
BNA_M
ClientSampleId :
SLCS207

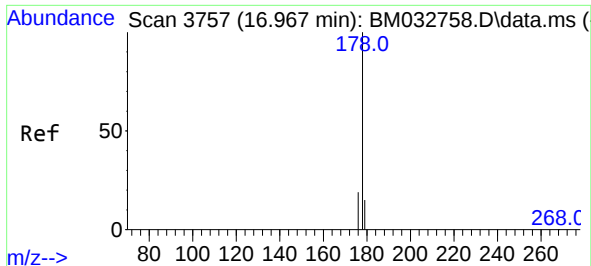
Tgt Ion:166 Resp: 8700
Ion Ratio Lower Upper
166 100
165 99.0 81.4 122.0
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.539 ng/ul
RT: 16.599 min Scan# 3651
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

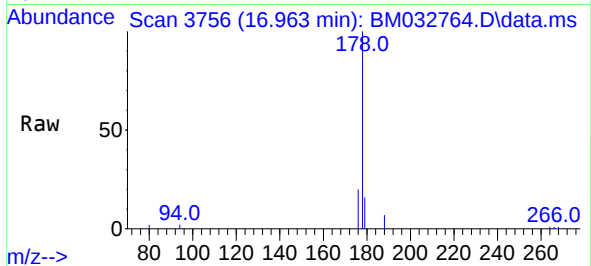
Tgt Ion:266 Resp: 2340
Ion Ratio Lower Upper
266 100
264 62.7 50.6 76.0
268 63.5 51.2 76.8





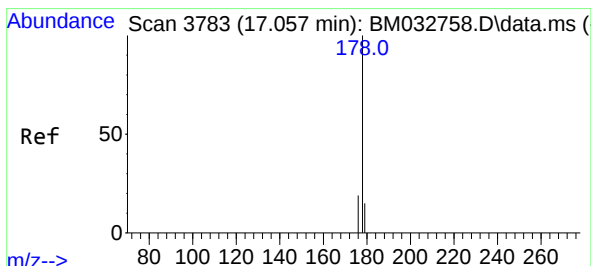
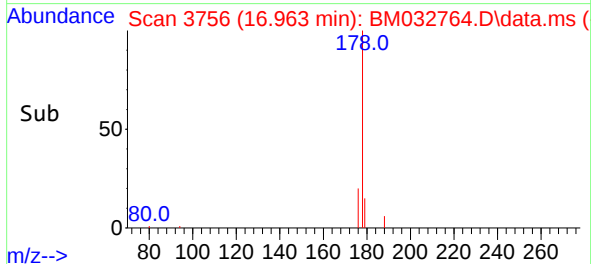
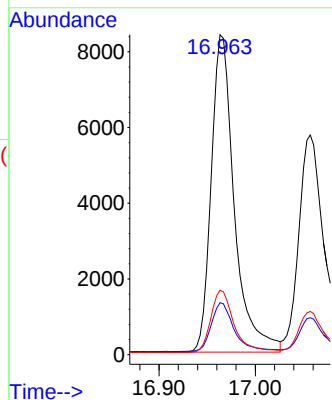
#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 16.963 min Scan# 3756
Delta R.T. -0.004 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Instrument :
BNA_M
ClientSampled :
SLCS207



Tgt Ion:178 Resp: 13978

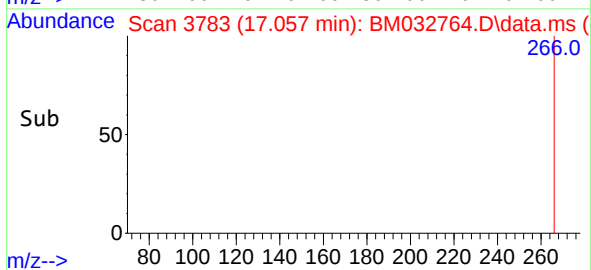
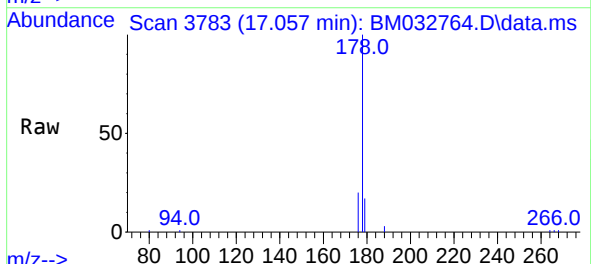
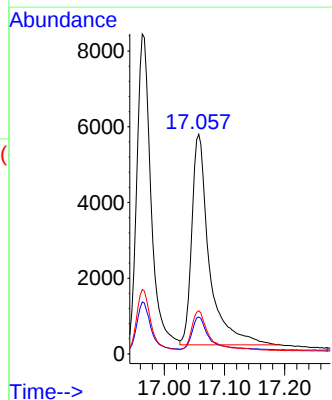
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	20.1	16.0	24.0

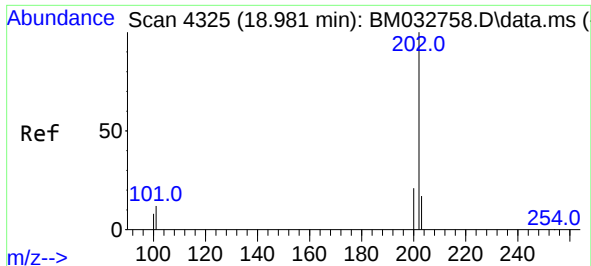


#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.057 min Scan# 3783
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:178 Resp: 11248

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.2	19.8
176	19.7	15.7	23.5

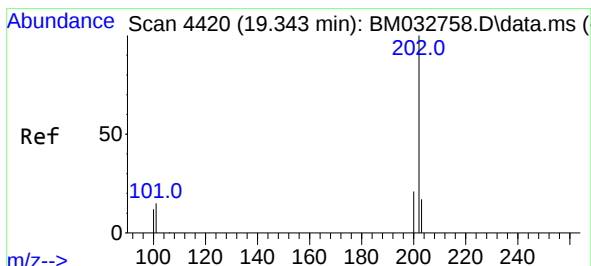
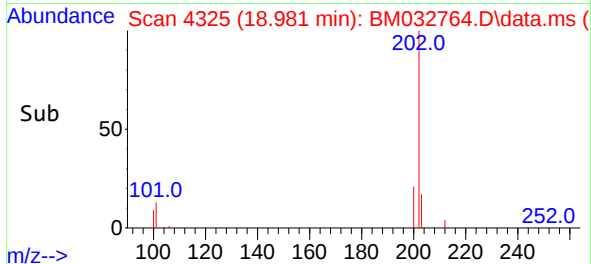
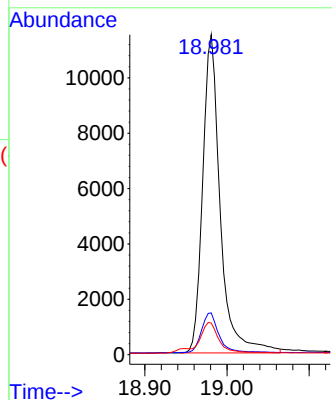
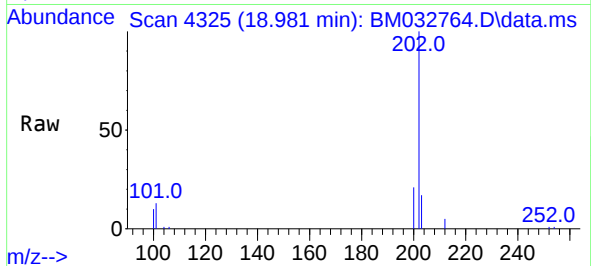




#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 18.981 min Scan# 4325
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

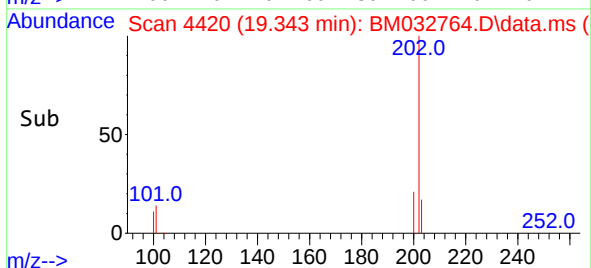
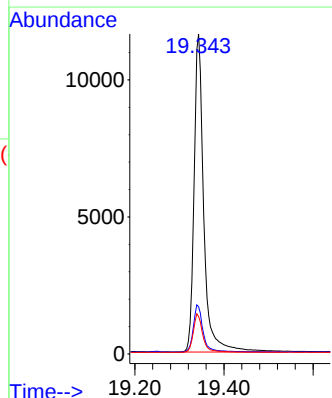
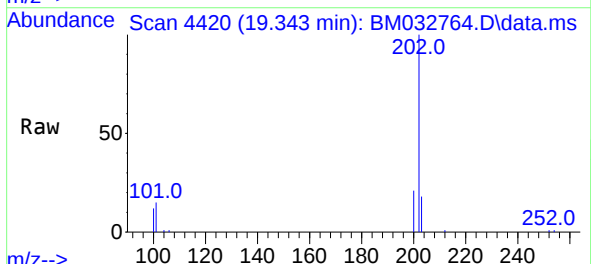
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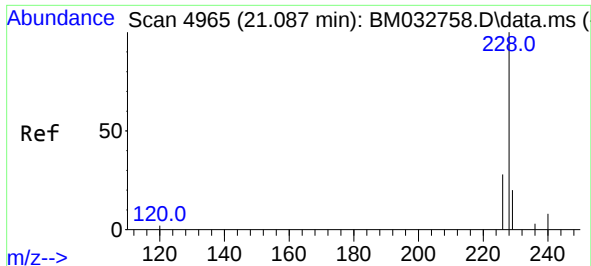
Tgt Ion:	202	Resp:	17076
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.5	15.7
100	9.9	7.8	11.6



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.343 min Scan# 4420
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:	202	Resp:	17597
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.3	18.5
100	11.7	10.1	15.1



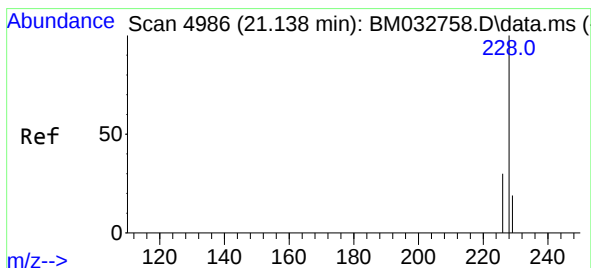
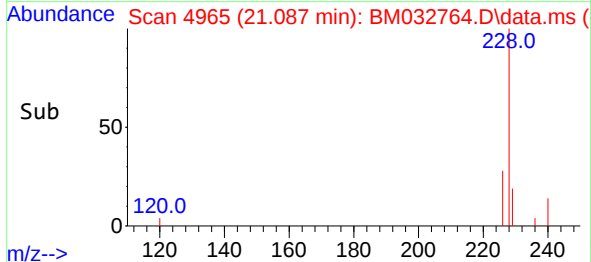
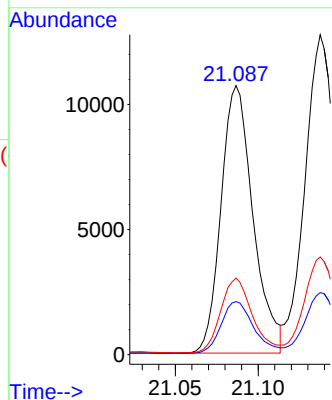
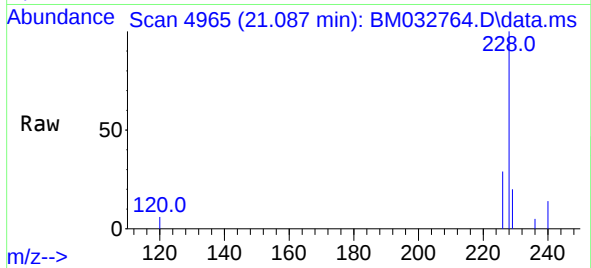


#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.087 min Scan# 4965
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Instrument :
BNA_M
ClientSampleId :
SLCS207

Tgt Ion:228 Resp: 14399

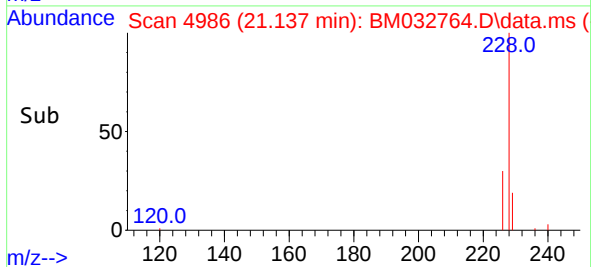
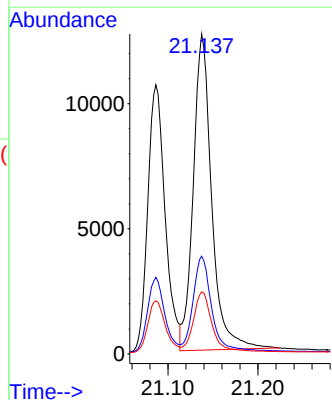
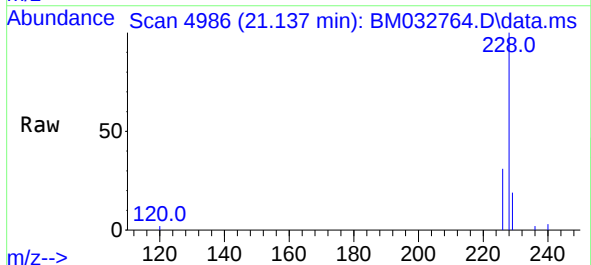
Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	28.5	22.5	33.7

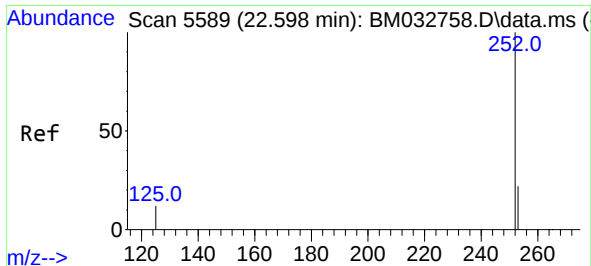


#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.137 min Scan# 4986
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:228 Resp: 17906

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	19.4	15.8	23.8

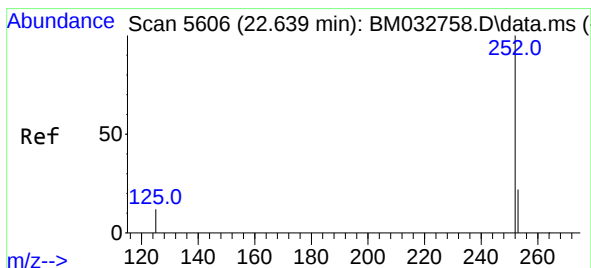
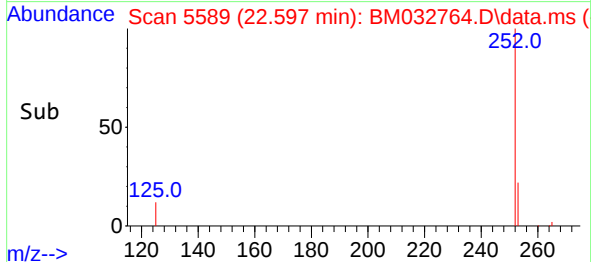
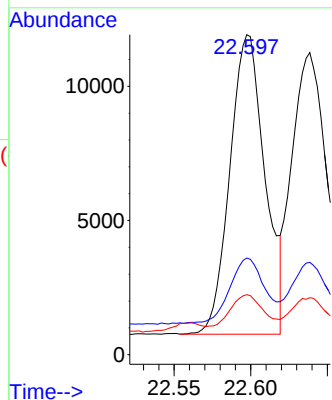
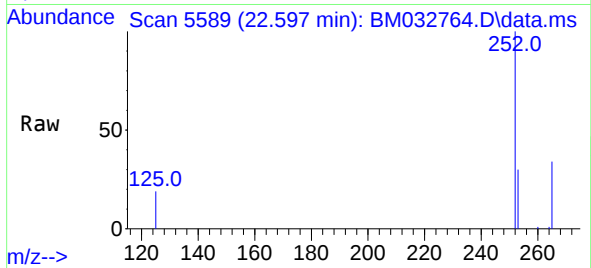




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 22.597 min Scan# 5589
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

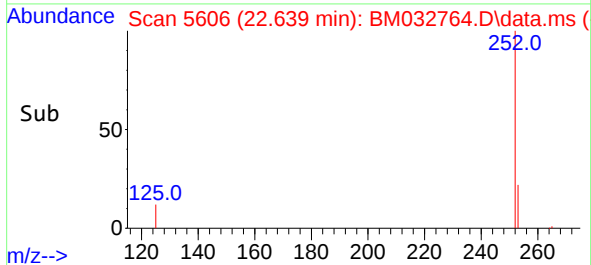
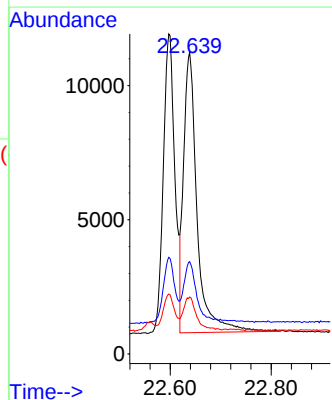
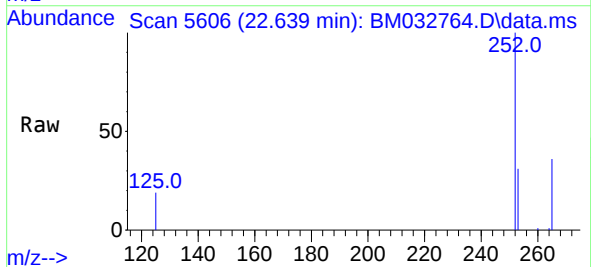
Tgt Ion:252	Resp:	17749
Ion Ratio	Lower	Upper
252	100	
253	30.2	0.0 61.0
125	18.7	0.0 38.0

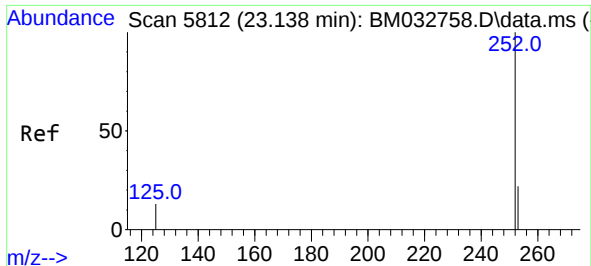
Instrument :
BNA_M
ClientSampleId :
SLCS207



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 22.639 min Scan# 5606
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:252	Resp:	19379
Ion Ratio	Lower	Upper
252	100	
253	30.5	25.0 37.6
125	18.9	15.5 23.3

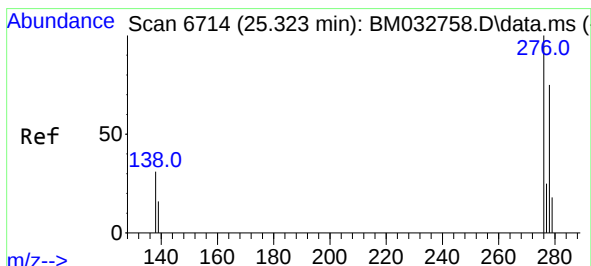
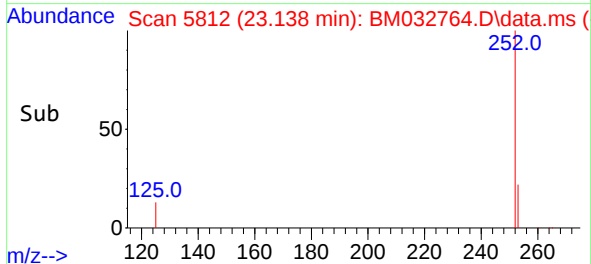
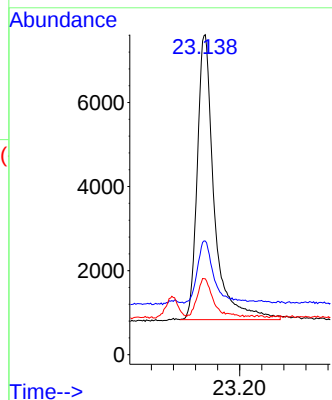
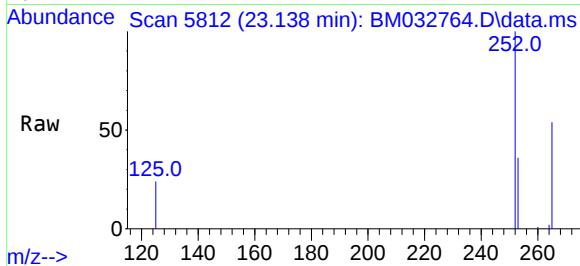




#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.138 min Scan# 5812
Delta R.T. -0.000 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

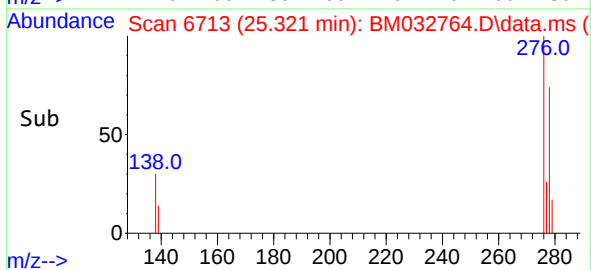
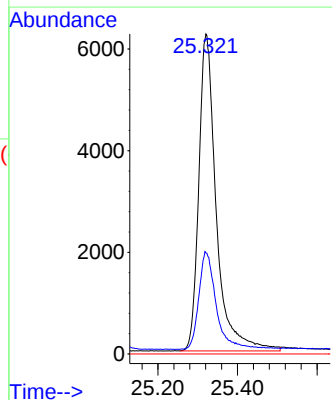
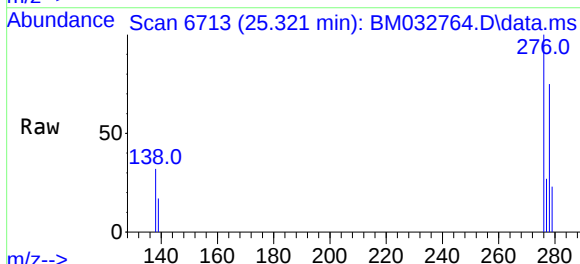
Instrument :
BNA_M
ClientSampleId :
SLCS207

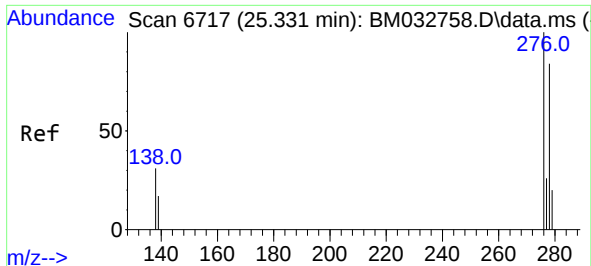
Tgt Ion:	252	Resp:	14417
Ion Ratio	Lower	Upper	
252	100		
253	35.5	29.3	43.9
125	23.7	19.4	29.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.321 min Scan# 6713
Delta R.T. -0.003 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:	276	Resp:	19060
Ion Ratio	Lower	Upper	
276	100		
138	31.2	24.7	37.1
227	0.0	0.0	0.0

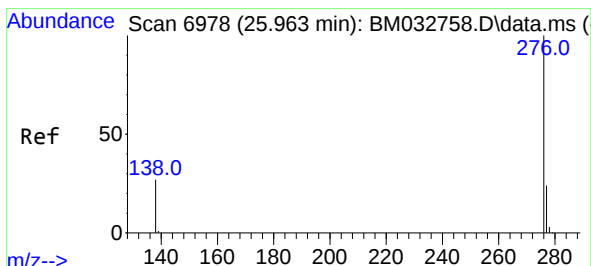
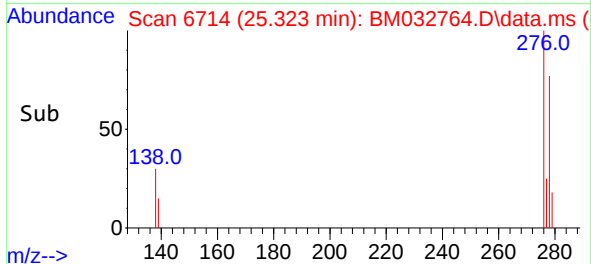
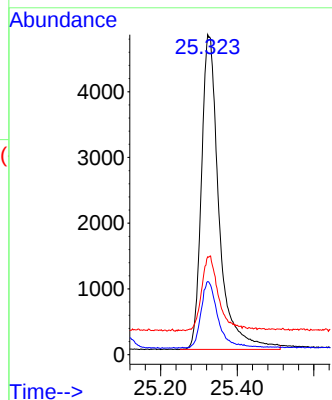
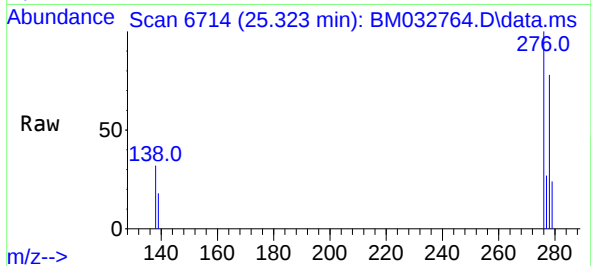




#28
Dibenzo(a,h)anthracene
Concen: 0.333 ng/ul
RT: 25.323 min Scan# 6714
Delta R.T. -0.007 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Instrument :
BNA_M
ClientSampleId :
SLCS207

Tgt Ion:278 Resp: 15260
Ion Ratio Lower Upper
278 100
139 22.9 18.0 27.0
279 30.6 24.2 36.4



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 25.965 min Scan# 6979
Delta R.T. 0.002 min
Lab File: BM032764.D
Acq: 27 Oct 2021 17:13

Tgt Ion:276 Resp: 17483
Ion Ratio Lower Upper
276 100
138 27.6 23.0 34.6
277 25.0 20.6 31.0

