Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032718.D
Acq On : 26 Oct 2021 09:16
Operator : CG/JU
Sample : PB140138BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS138

Quant Time: Oct 26 10:21:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 26 10:19:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	3637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	12560	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.194	164	5805	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.932	188	9185	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.111	240	6939	0.400	ng/ul	0.00
23) Perylene-d12	23.242	264	6367	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.916	96	2845	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	5148	0.307	ng/ul	0.00
18) Fluoranthene-d10	18.958	212	6894	0.316	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.951	88	9065	2.019	ng/ul#	75
5) Naphthalene	10.370	128	13870	0.364	ng/ul	100
7) 2-Methylnaphthalene	11.994	142	8169	0.328	ng/ul	98
8) 1-Methylnaphthalene	12.214	142	7752	0.315	ng/ul	99
10) Acenaphthylene	13.915	152	8082	0.326	ng/ul	100
11) Acenaphthene	14.255	153	7976	0.353	ng/ul	98
12) Fluorene	15.244	166	8097	0.318	ng/ul	99
14) Pentachlorophenol	16.602	266	1776	0.752	ng/ul	98
15) Phenanthrene	16.970	178	10844	0.351	ng/ul	100
16) Anthracene	17.064	178	8744	0.322	ng/ul	99
19) Fluoranthene	18.988	202	11341	0.330	ng/ul	100
20) Pyrene	19.351	202	11743	0.333	ng/ul	100
21) Benzo(a)anthracene	21.096	228	8799	0.324	ng/ul	99
22) Chrysene	21.147	228	10941	0.367	ng/ul	99
24) Benzo(b)fluoranthene	22.610	252	10554	0.359	ng/ul	88
25) Benzo(k)fluoranthene	22.648	252	12131	0.414	ng/ul#	87
26) Benzo(a)pyrene	23.150	252	8994	0.365	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.342	276	12122	0.402	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.347	278	9430	0.397	ng/ul#	92
29) Benzo(g,h,i)perylene	25.985	276	11458	0.436	ng/ul	99

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

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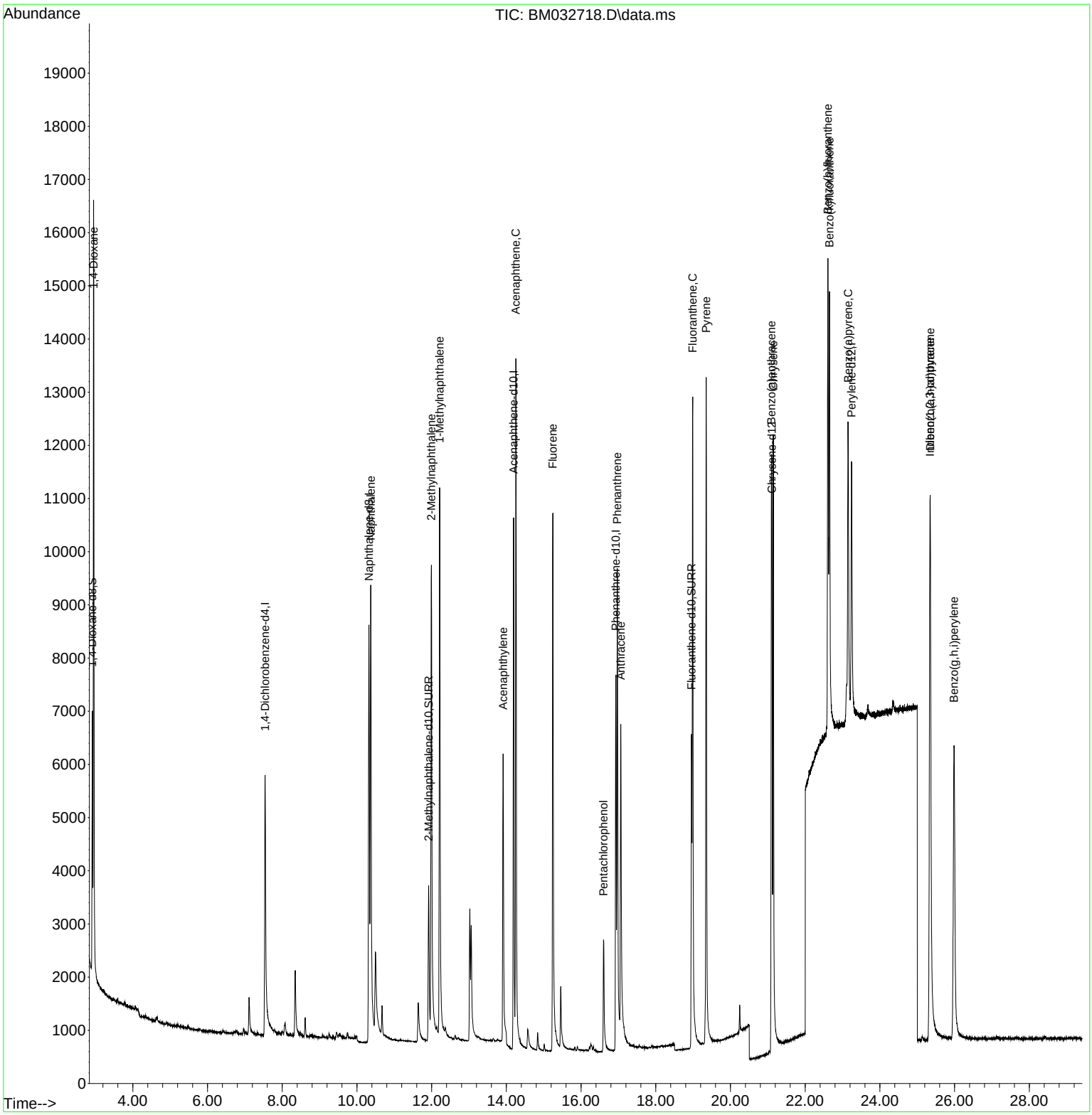
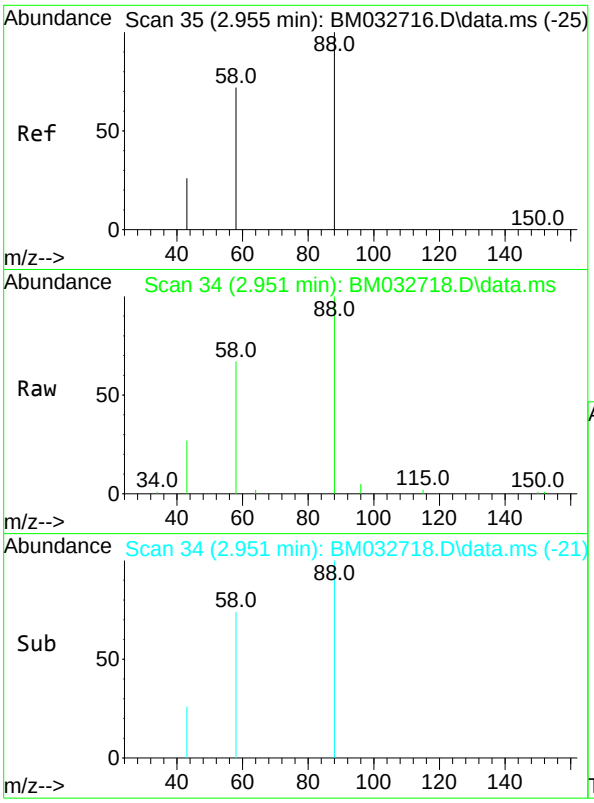


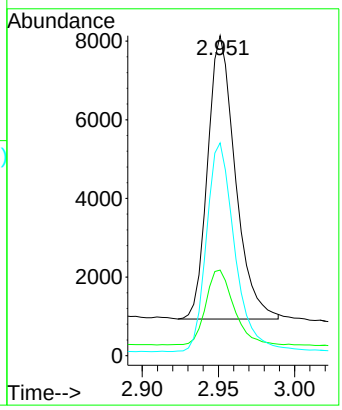
Instrument :
BNA_M
ClientSampleId :
SLCS138

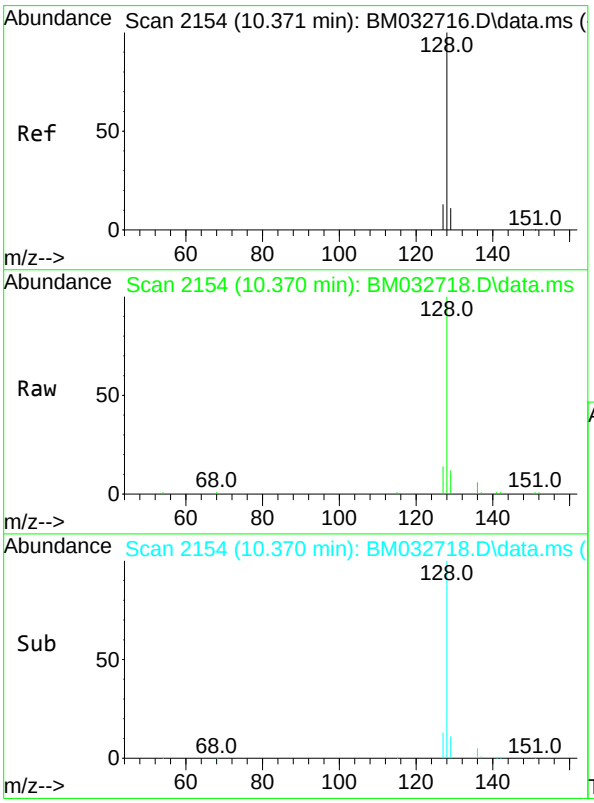


#2
1,4-Dioxane
Concen: 2.019 ng/ul
RT: 2.951 min Scan# 34
Delta R.T. -0.004 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion: 88 Resp: 9065

Ion	Ratio	Lower	Upper
88	100		
43	26.8	46.6	69.8#
58	66.5	60.7	91.1

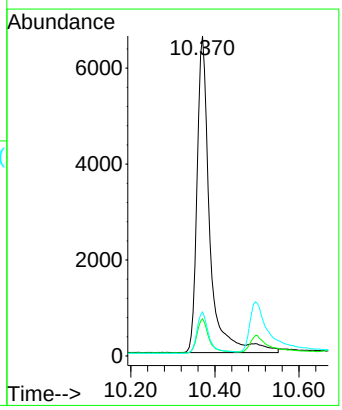




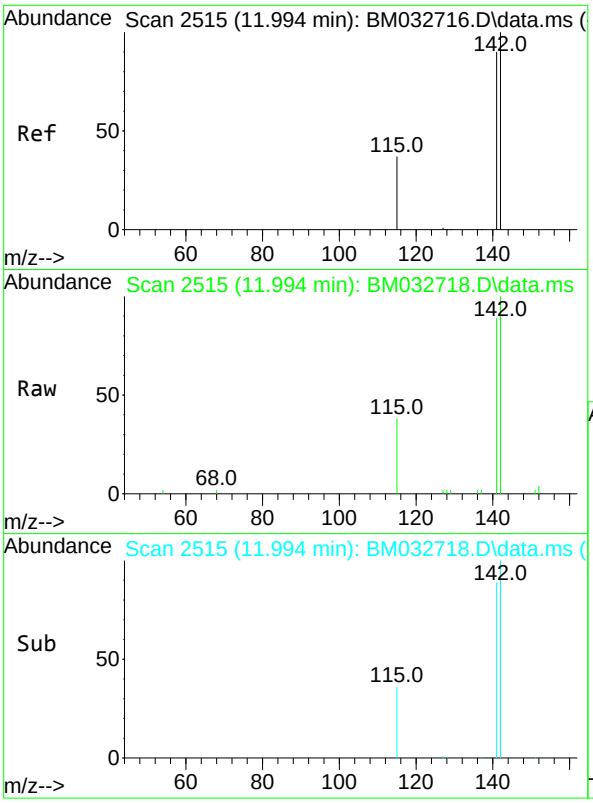
#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.370 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:128 Resp: 13870

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.8	11.1	16.7



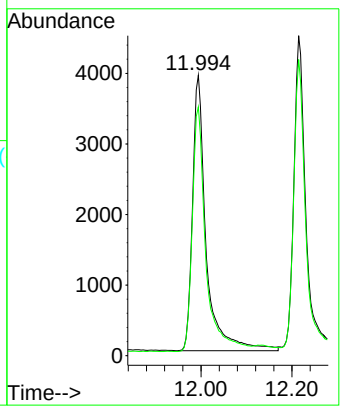
Instrument :
BNA_M
ClientSampleId :
SLCS138

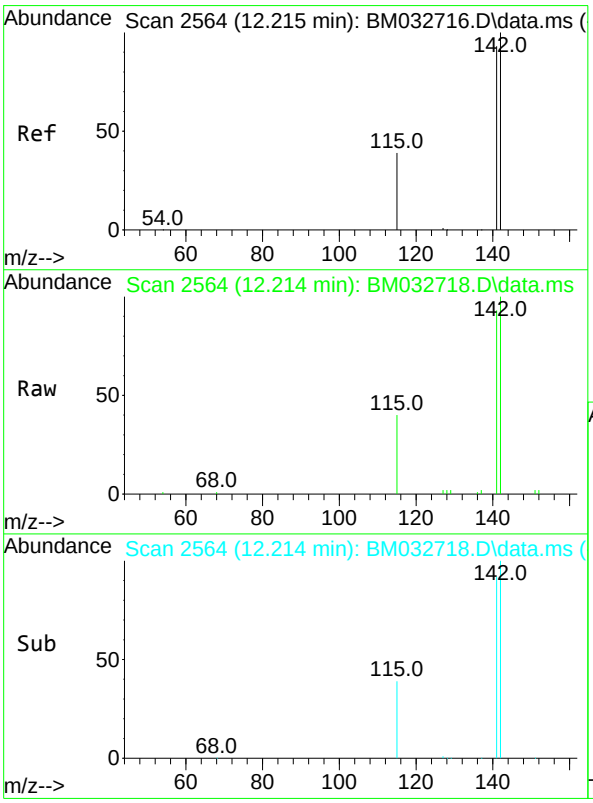


#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 11.994 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:142 Resp: 8169

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.2	108.2

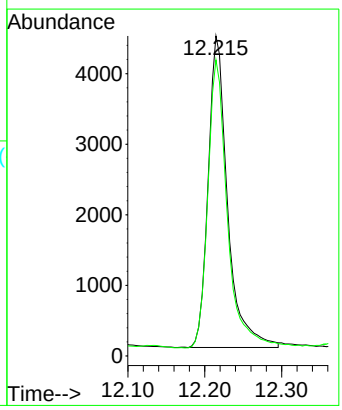




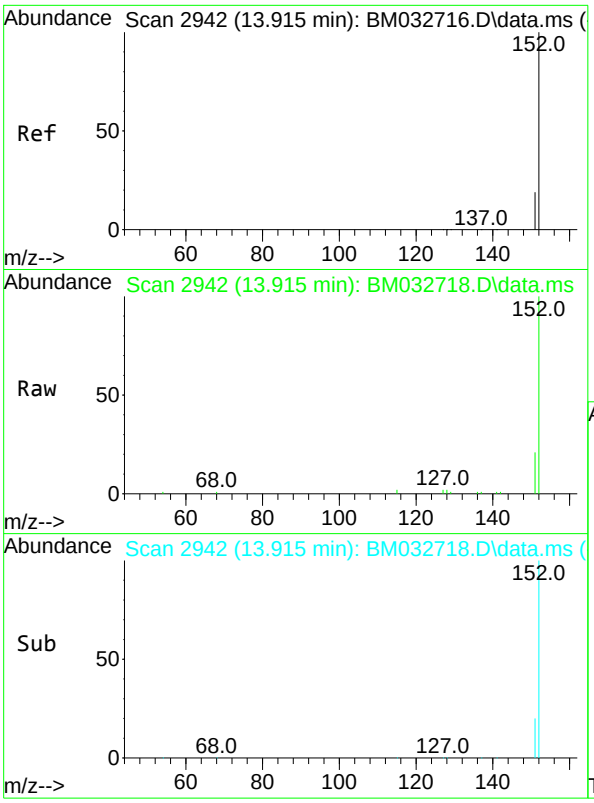
#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.214 min Scan# 2564
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:142 Resp: 7752

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.9	112.3



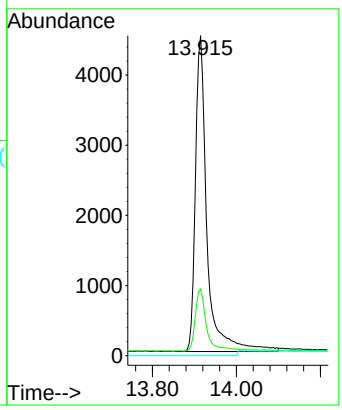
Instrument :
BNA_M
ClientSampleId :
SLCS138

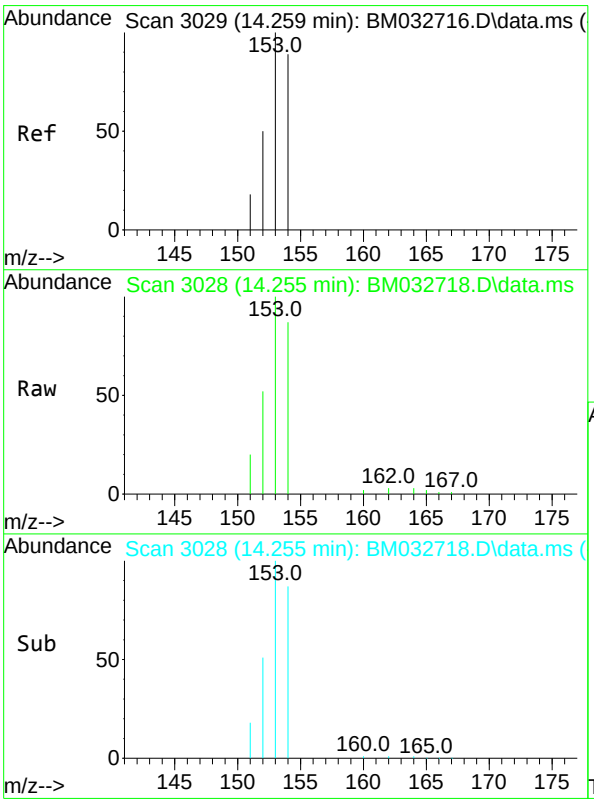


#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 13.915 min Scan# 2942
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:152 Resp: 8082

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	0.0	0.0	0.0

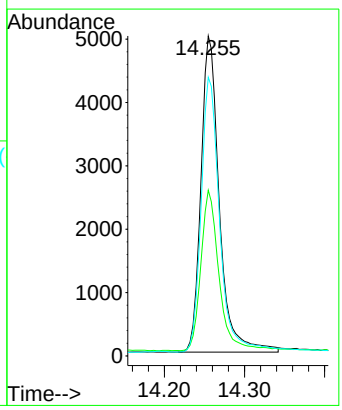




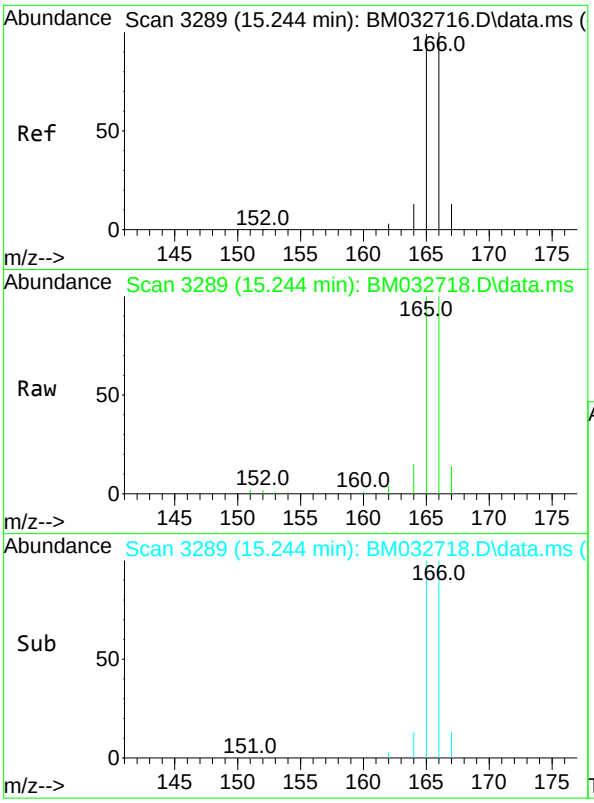
#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.255 min Scan# 3028
Delta R.T. -0.004 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:153 Resp: 7976

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.4	60.6
154	87.1	70.8	106.2



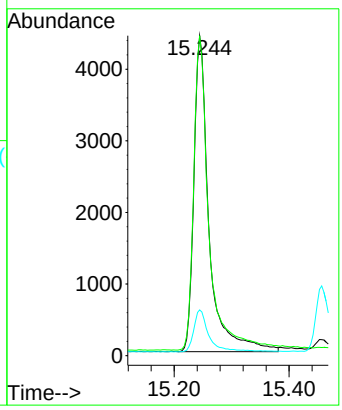
Instrument :
BNA_M
ClientSampleId :
SLCS138

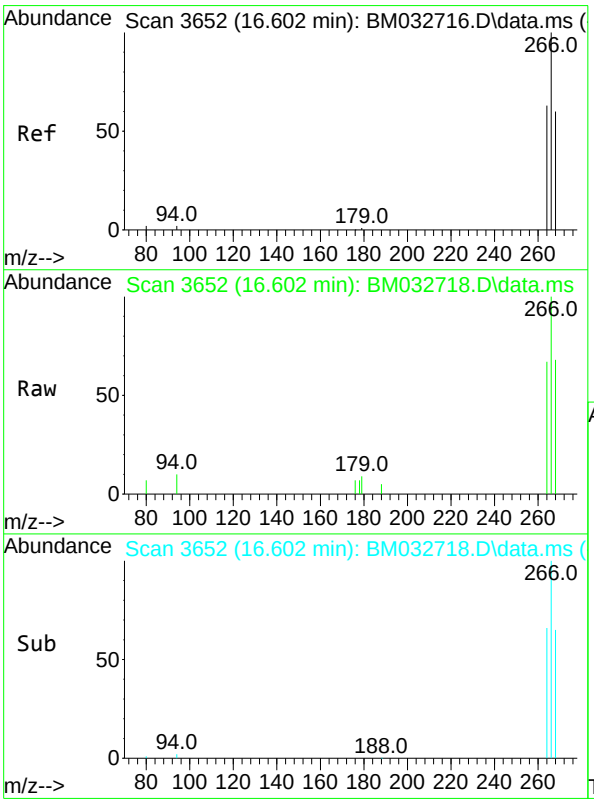


#12
Fluorene
Concen: 0.318 ng/ul
RT: 15.244 min Scan# 3289
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:166 Resp: 8097

Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.7	121.1
167	14.3	11.2	16.8

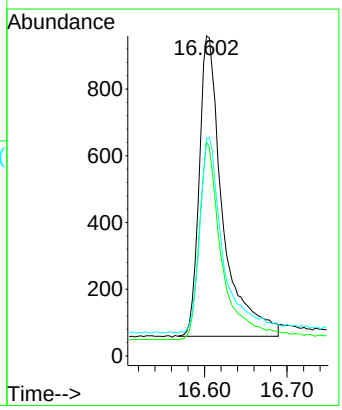


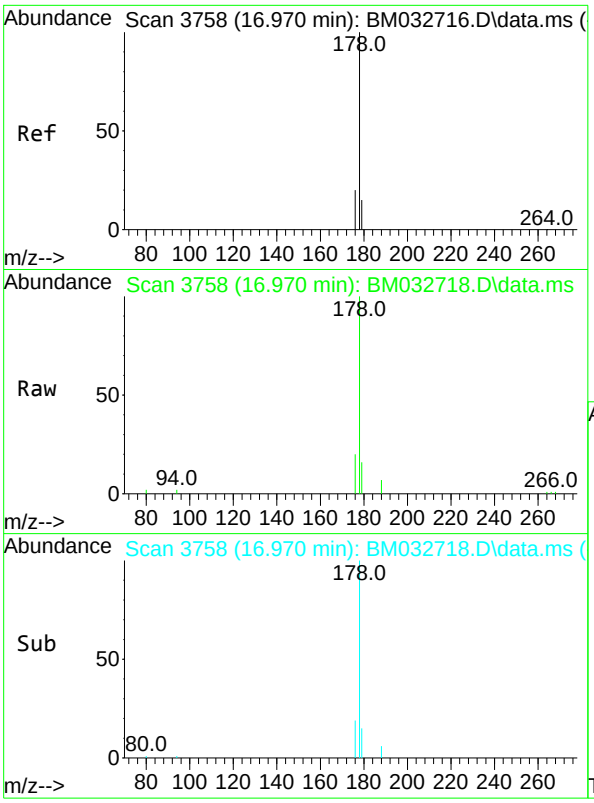


#14
Pentachlorophenol
Concen: 0.752 ng/ul
RT: 16.602 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:266 Resp: 1776

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.8	76.2
268	65.1	50.2	75.2

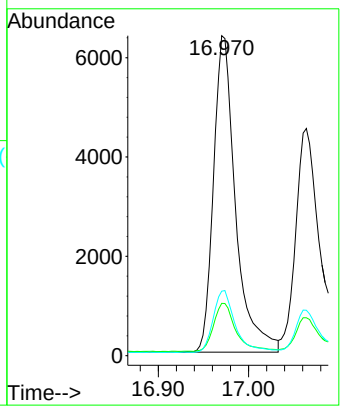




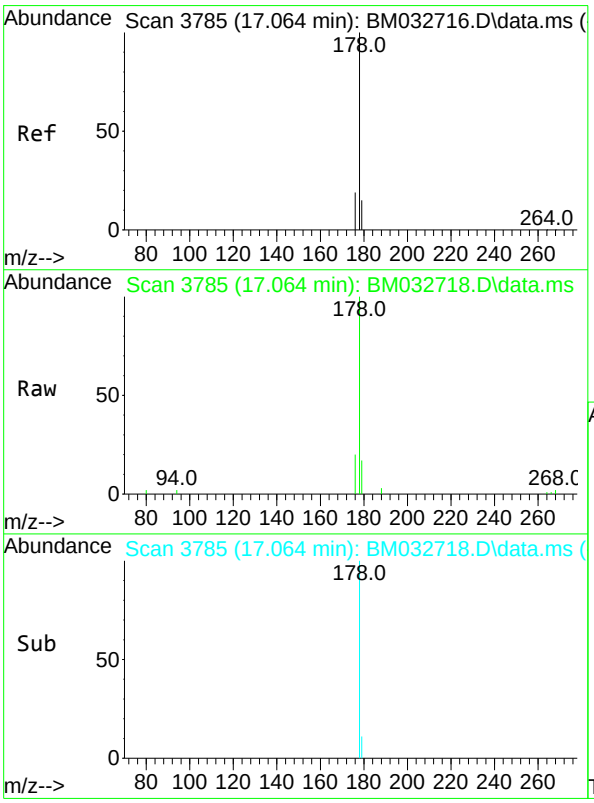
#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 16.970 min Scan# 3758
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:178 Resp: 10844

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.2	16.1	24.1



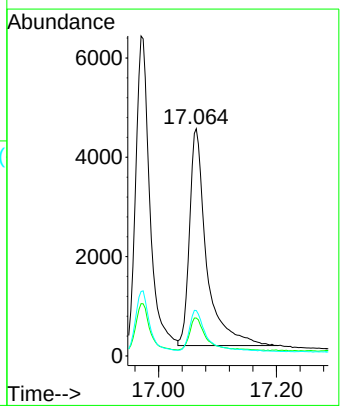
Instrument :
BNA_M
ClientSampleId :
SLCS138



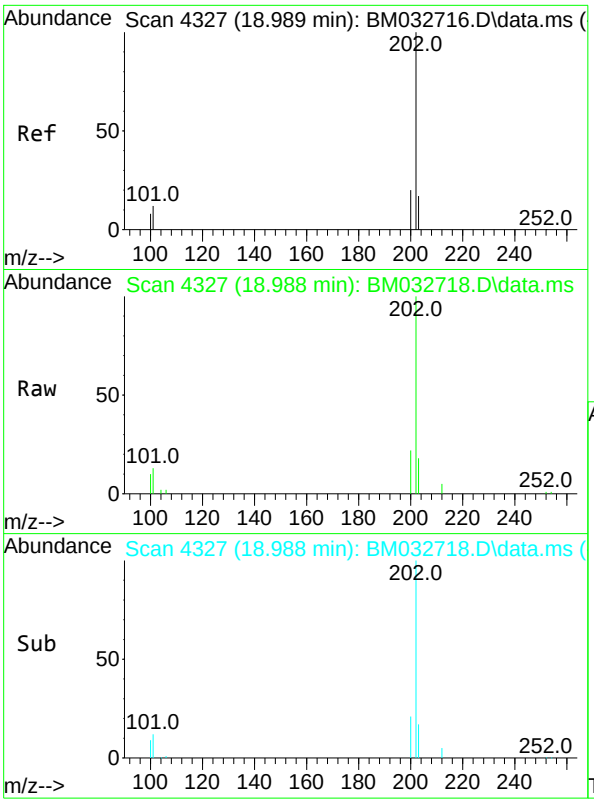
#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.064 min Scan# 3785
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:178 Resp: 8744

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	20.0	15.8	23.6



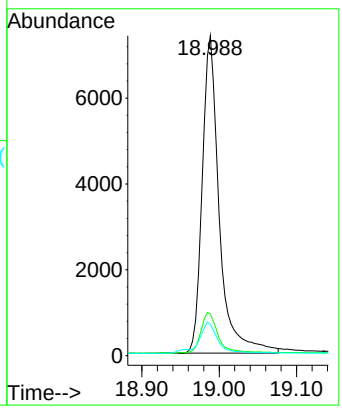
Instrument :
BNA_M
ClientSampleId :
SLCS138

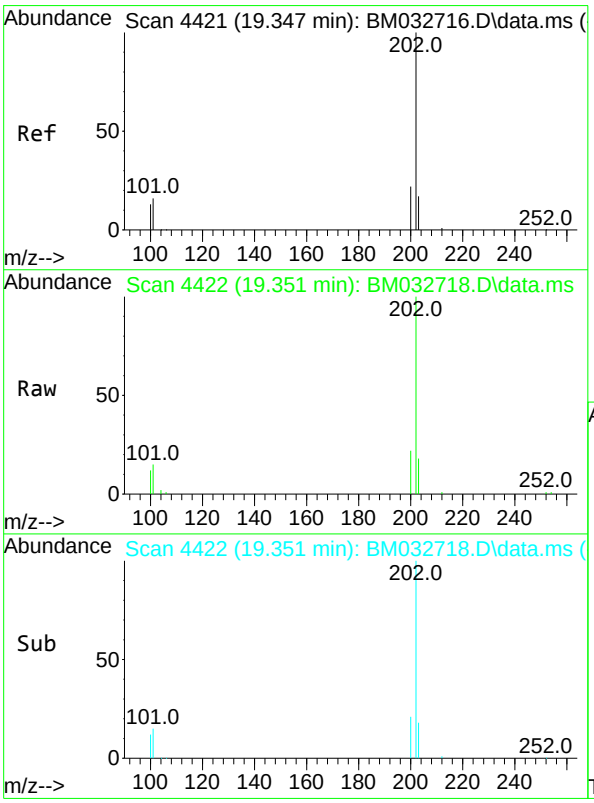


#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 18.988 min Scan# 4327
Delta R.T. -0.000 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:202 Resp: 11341

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	16.0
100	9.8	7.8	11.8

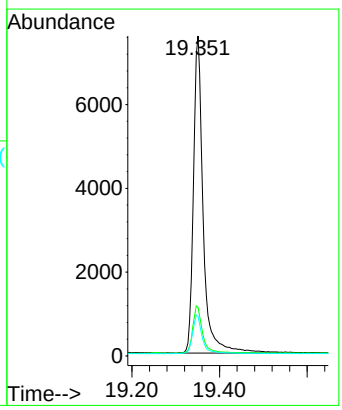




#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.351 min Scan# 4422
Delta R.T. 0.004 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:202 Resp: 11743

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.3	18.5
100	12.5	10.1	15.1



Instrument :
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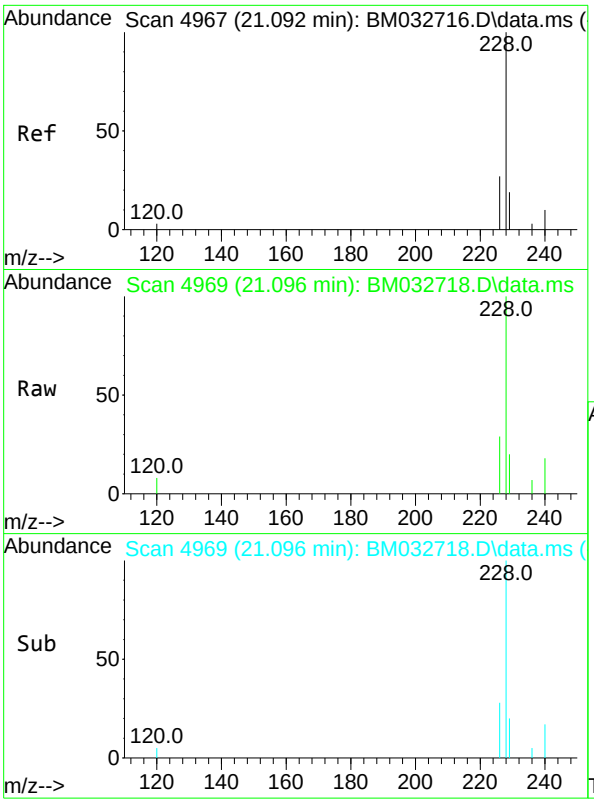
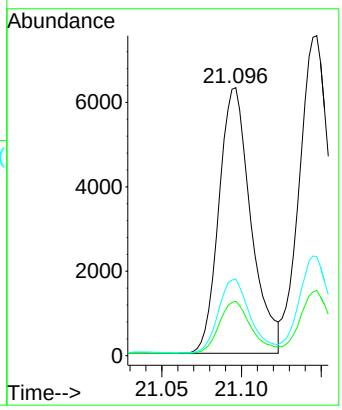
ClientSampleId :
SLCS138

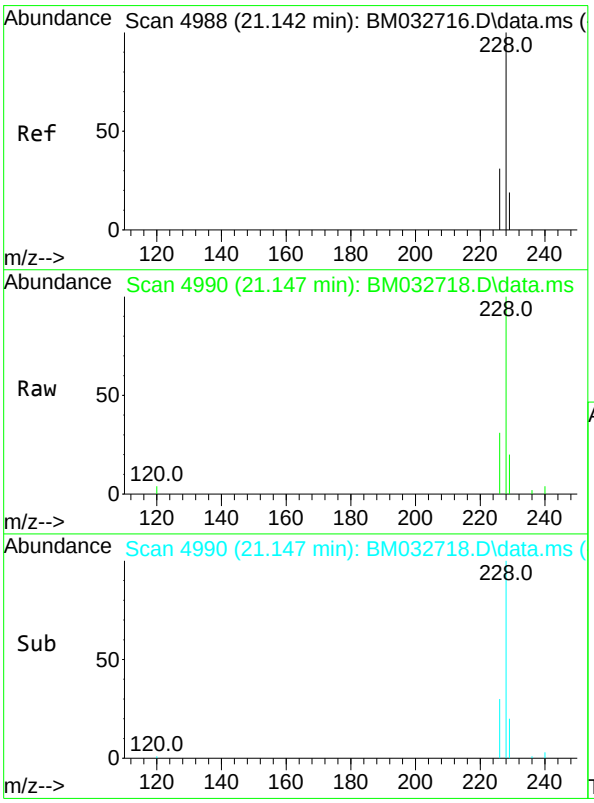


#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.096 min Scan# 4969
Delta R.T. 0.005 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:228 Resp: 8799

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	28.6	22.4	33.6

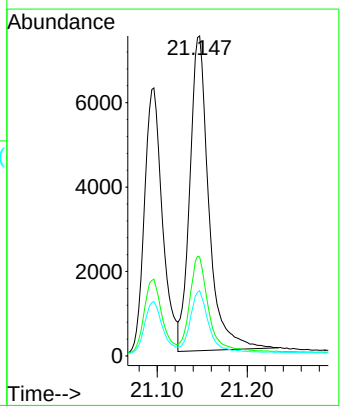


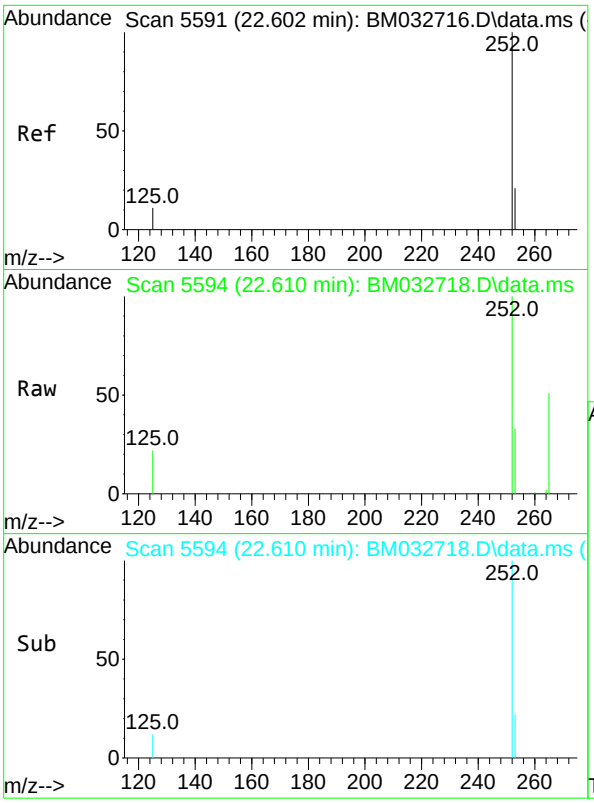


#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.147 min Scan# 4990
Delta R.T. 0.005 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:228 Resp: 10941

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.1	37.7
229	20.4	15.7	23.5

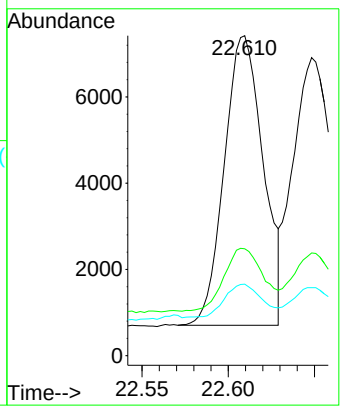




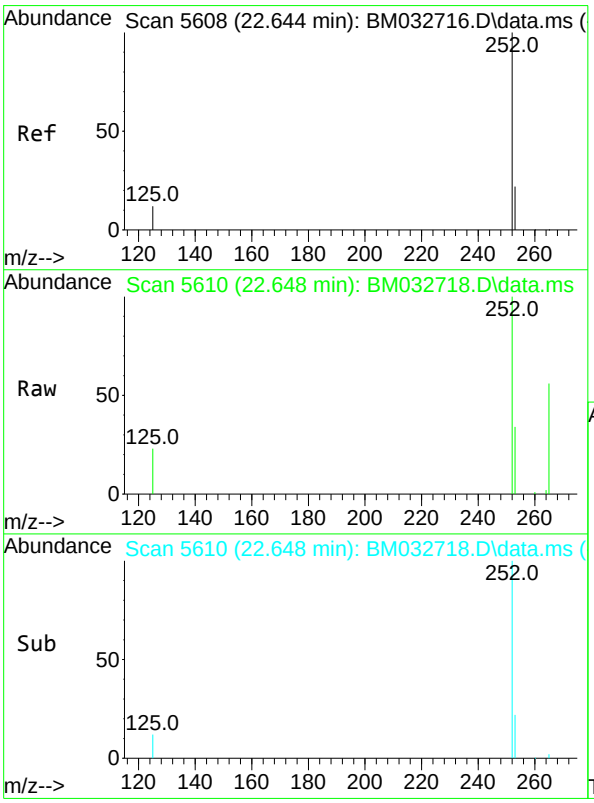
#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.610 min Scan# 5594
Delta R.T. 0.007 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:252 Resp: 10554

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	53.8
125	22.3	0.0	35.6



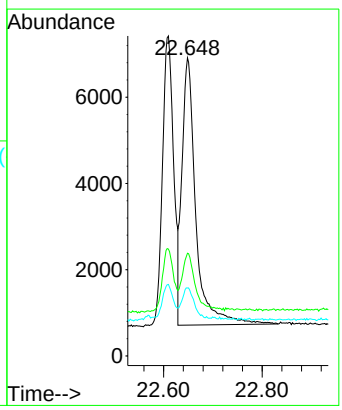
Instrument :
BNA_M
ClientSampleId :
SLCS138



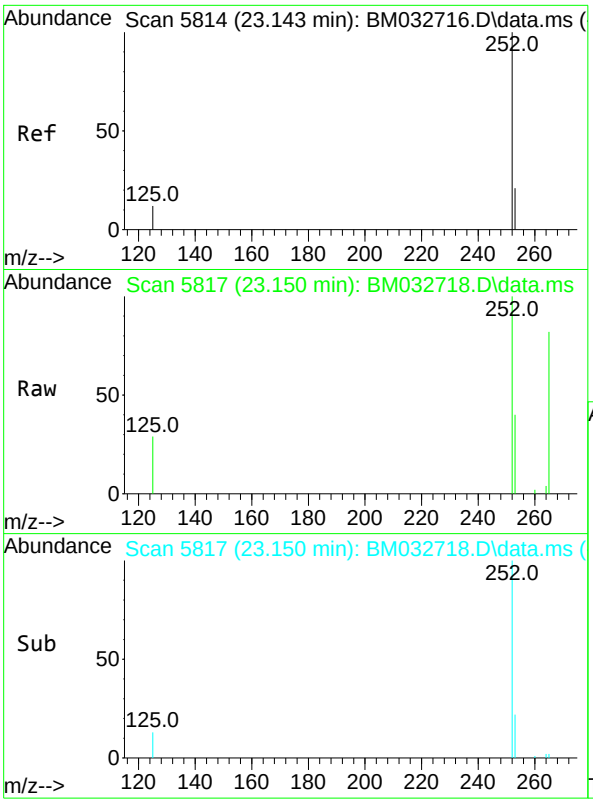
#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 22.648 min Scan# 5610
Delta R.T. 0.005 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:252 Resp: 12131

Ion	Ratio	Lower	Upper
252	100		
253	34.5	21.8	32.6#
125	22.8	14.4	21.6#



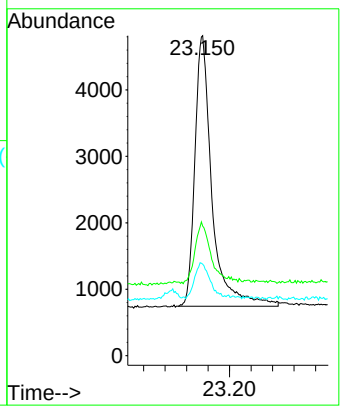
Instrument :
BNA_M
ClientSampleId :
SLCS138

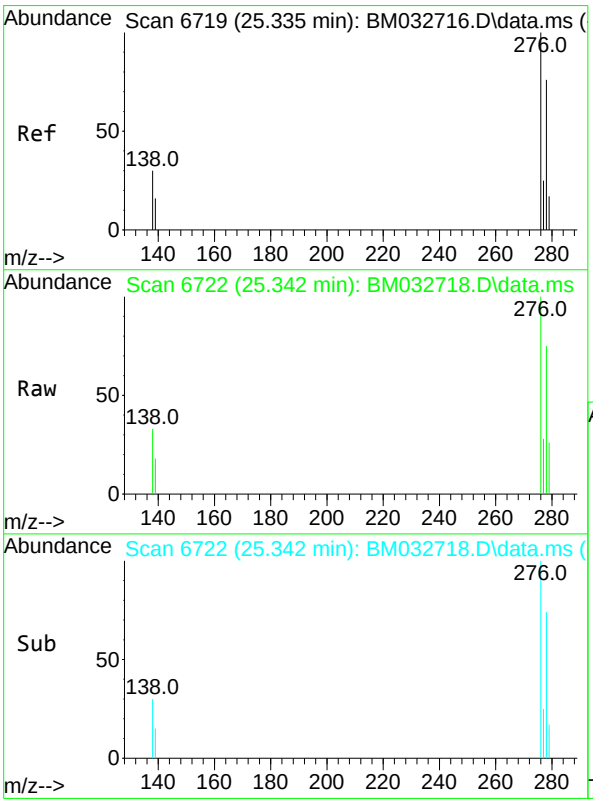


#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.150 min Scan# 5817
Delta R.T. 0.007 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:252 Resp: 8994

Ion	Ratio	Lower	Upper
252	100		
253	40.5	23.6	35.4#
125	28.6	17.1	25.7#

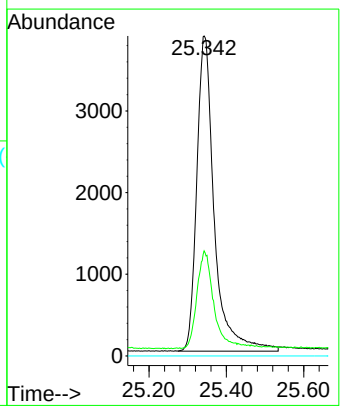


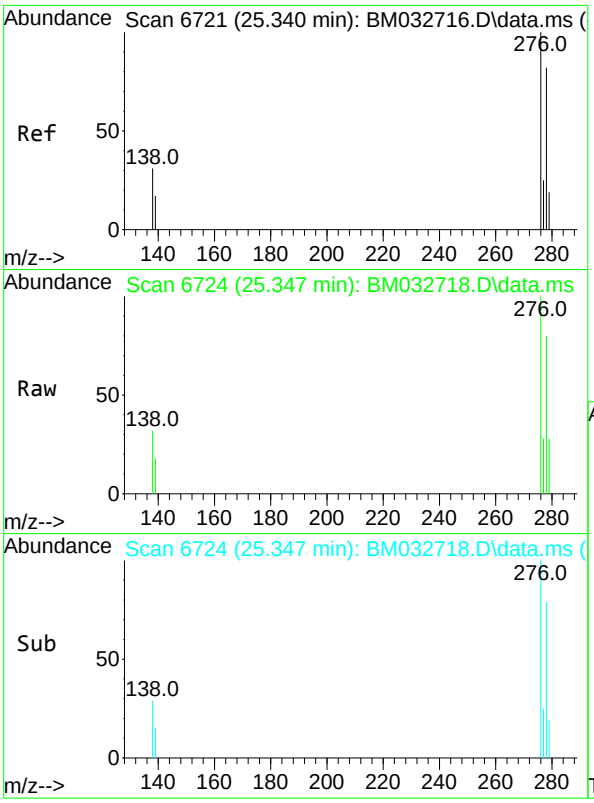


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.342 min Scan# 6722
Delta R.T. 0.007 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:276 Resp: 12122

Ion	Ratio	Lower	Upper
276	100		
138	30.2	24.9	37.3
227	0.0	0.0	0.0

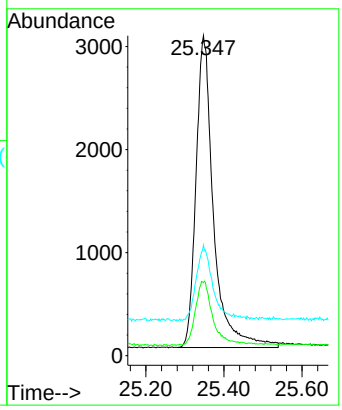




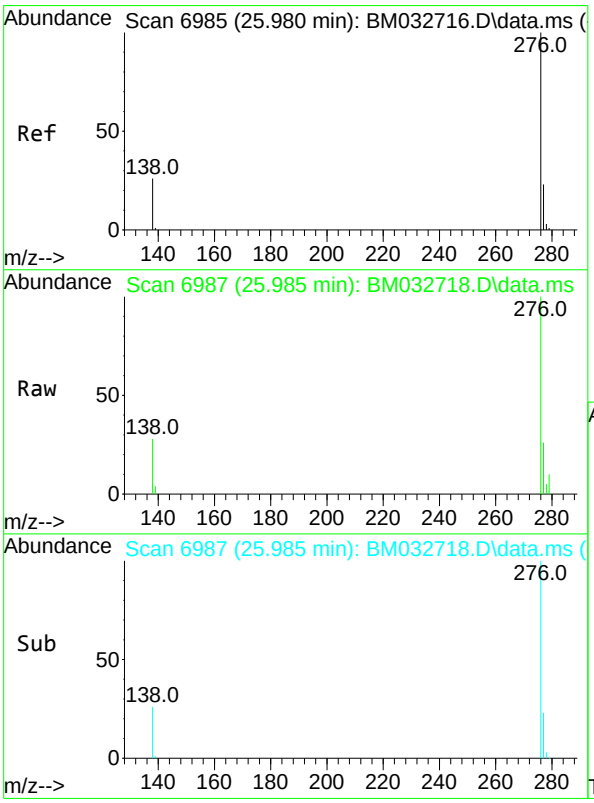
#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 25.347 min Scan# 6724
Delta R.T. 0.007 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:278 Resp: 9430

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.6	28.0
279	34.6	22.0	33.0#



Instrument :
BNA_M
ClientSampleId :
SLCS138



#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 25.985 min Scan# 6987
Delta R.T. 0.005 min
Lab File: BM032718.D
Acq: 26 Oct 2021 09:16

Tgt Ion:276 Resp: 11458

Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.6	33.8
277	26.0	19.9	29.9