Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032566.D
Acq On : 18 Oct 2021 10:39
Operator : CG/JU
Sample : PB139854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS854

Quant Time: Oct 18 11:10:04 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 : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	4562	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	14186	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6993	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	13322	0.40	ng/ul	0.00
17) Chrysene-d12	21.125	240	8385	0.40	ng/ul	0.00
23) Perylene-d12	23.259	264	7158	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	3327	0.65	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	5927	0.31	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	9719	0.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.955	88	9876	1.75	ng/ul#	81
5) Naphthalene	10.384	128	14329	0.33	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	9020	0.32	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	8685	0.31	ng/ul	99
10) Acenaphthylene	13.928	152	9446	0.32	ng/ul	99
11) Acenaphthene	14.270	153	9326	0.34	ng/ul	99
12) Fluorene	15.260	166	9937	0.32	ng/ul	98
14) Pentachlorophenol	16.613	266	2362	0.69	ng/ul	98
15) Phenanthrene	16.984	178	15013	0.34	ng/ul	100
16) Anthracene	17.074	178	12196	0.31	ng/ul	100
19) Fluoranthene	19.000	202	15334	0.37	ng/ul	98
20) Pyrene	19.366	202	15412	0.36	ng/ul	100
21) Benzo(a)anthracene	21.109	228	10618	0.32	ng/ul	100
22) Chrysene	21.162	228	12719	0.35	ng/ul	99
24) Benzo(b)fluoranthene	22.627	252	12020	0.36	ng/ul	93
25) Benzo(k)fluoranthene	22.668	252	12139	0.37	ng/ul#	93
26) Benzo(a)pyrene	23.167	252	9615	0.35	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.362	276	12911	0.38	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.367	278	10243	0.38	ng/ul	97
29) Benzo(g,h,i)perylene	26.002	276	11767	0.40	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
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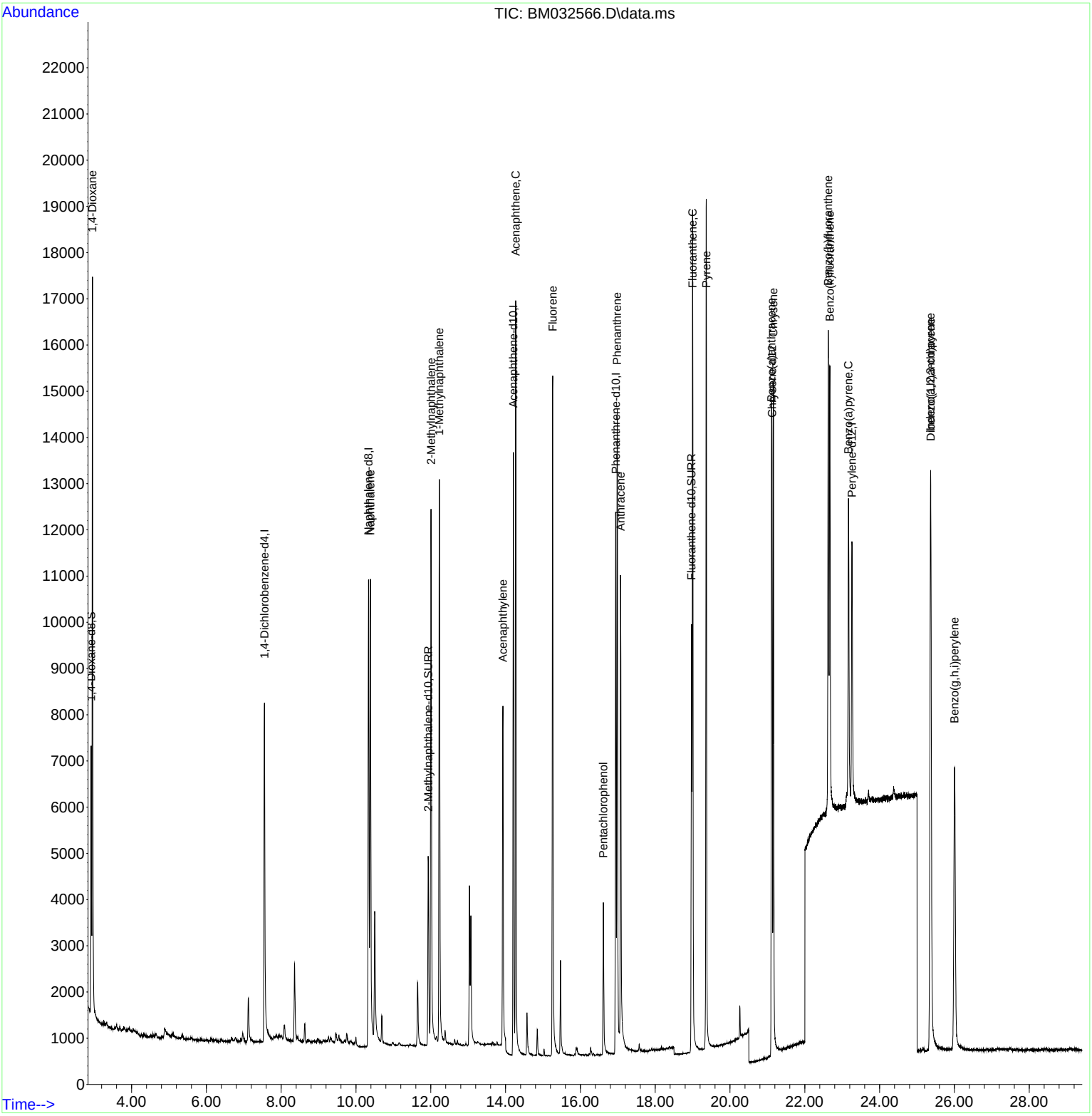

Instrument :
BNA_M
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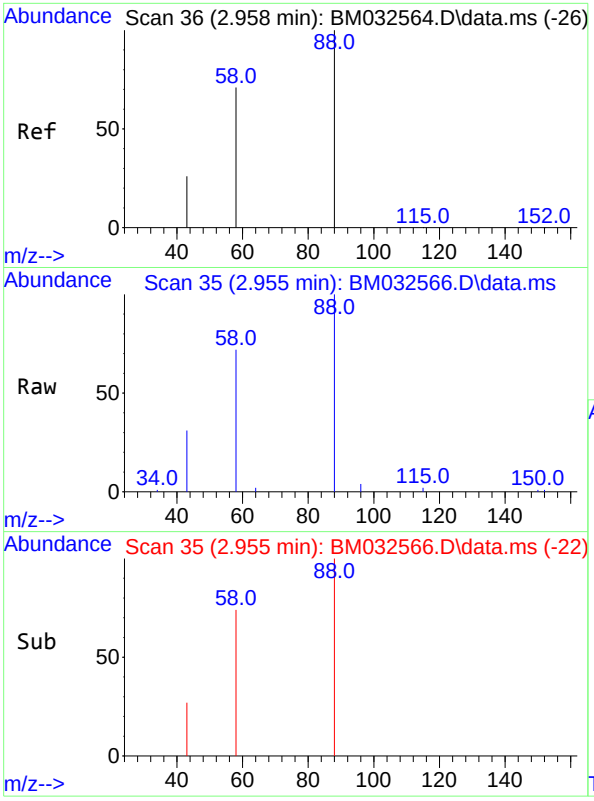
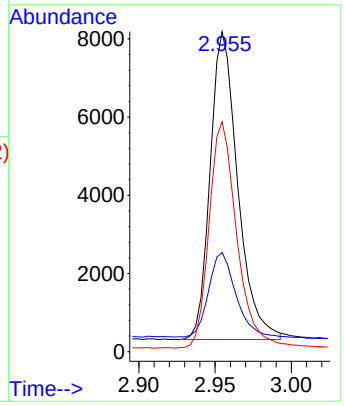
SLCS854

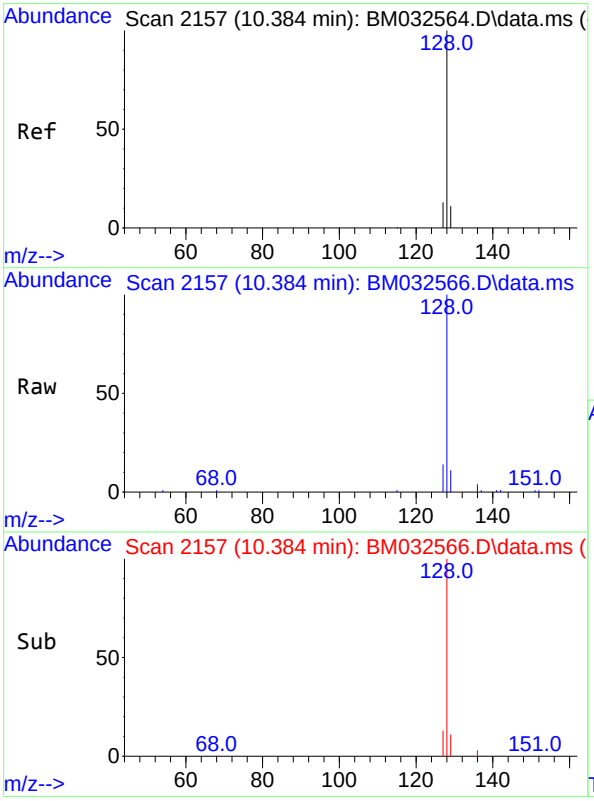


#2
1,4-Dioxane
Concen: 1.75 ng/ul
RT: 2.955 min Scan# 35
Delta R.T. -0.004 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion: 88 Resp: 9876

Ion	Ratio	Lower	Upper
88	100		
43	31.0	46.6	69.8#
58	71.9	60.7	91.1

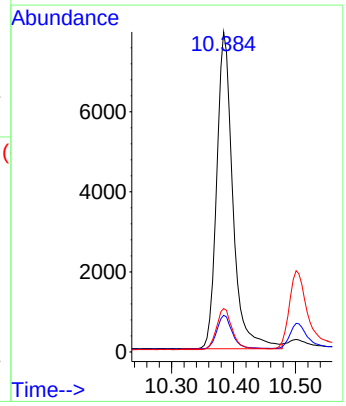




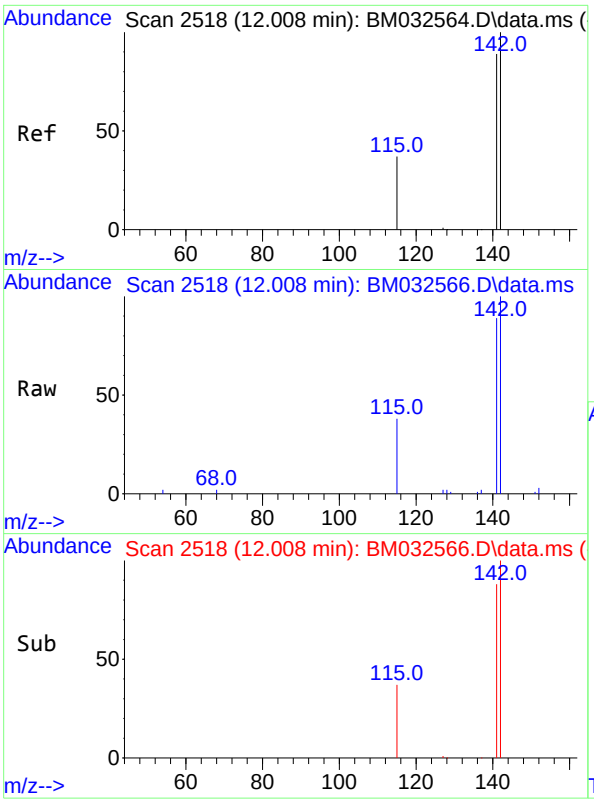
#5
Naphthalene
Concen: 0.33 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:128 Resp: 14329

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.5	11.1	16.7



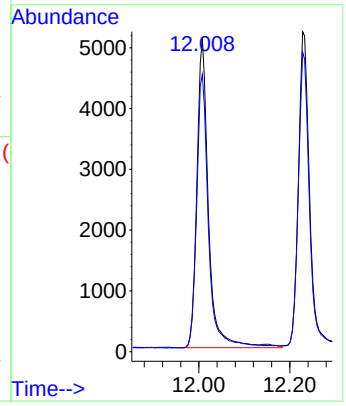
Instrument :
BNA_M
ClientSampleId :
SLCS854

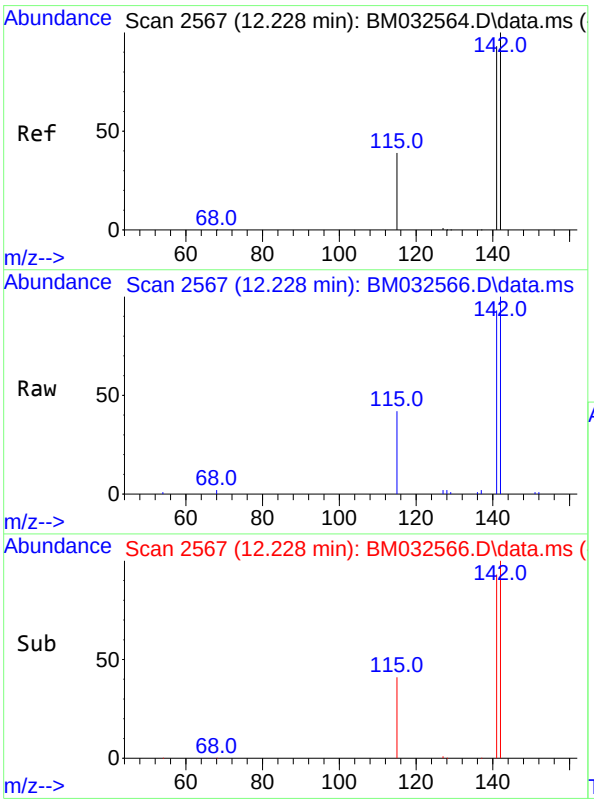


#7
2-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:142 Resp: 9020

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.2

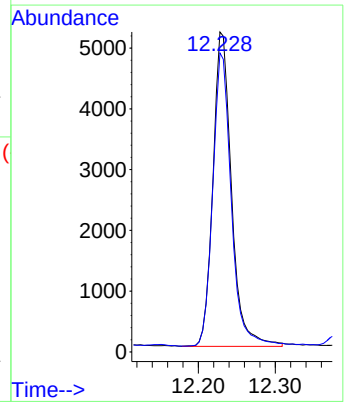




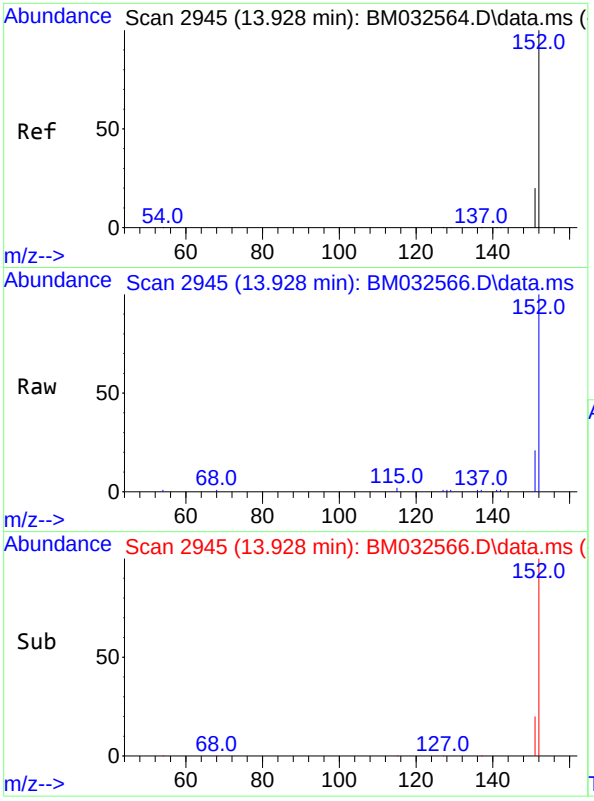
#8
1-Methylnaphthalene
Concen: 0.31 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:142 Resp: 8685

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.9	112.3



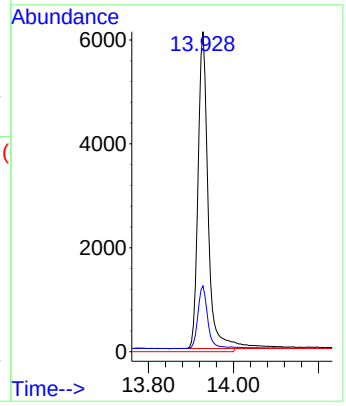
Instrument :
BNA_M
ClientSampleId :
SLCS854

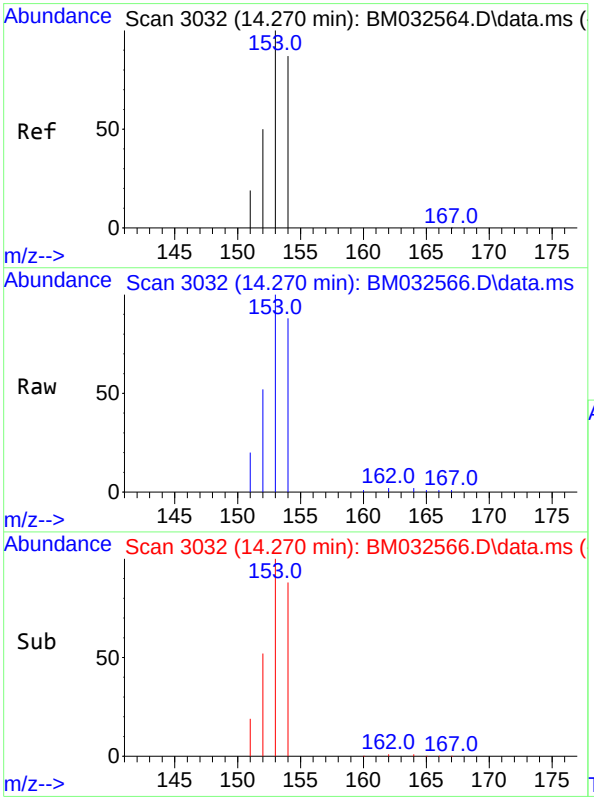


#10
Acenaphthylene
Concen: 0.32 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:152 Resp: 9446

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1
153	0.0	0.0	0.0

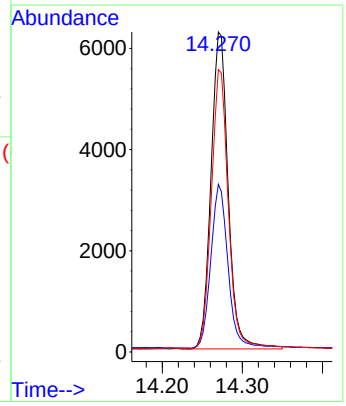




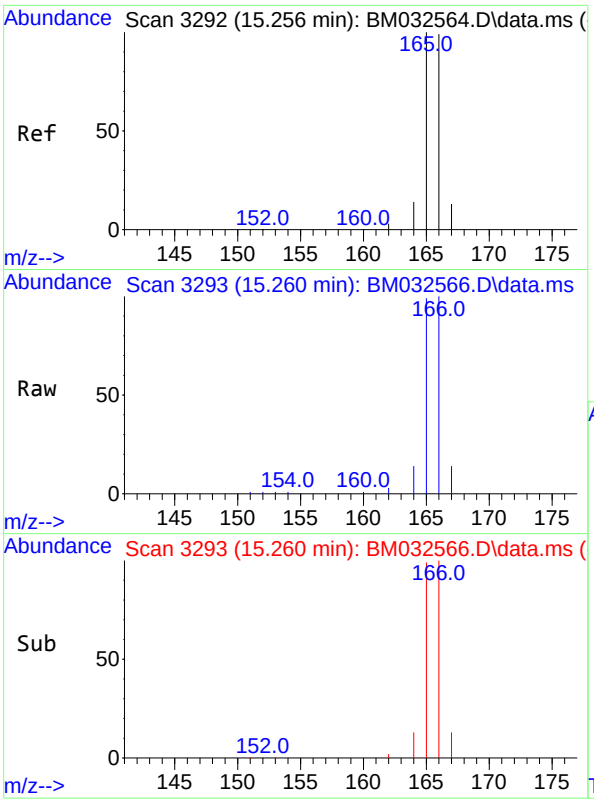
#11
Acenaphthene
Concen: 0.34 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:153 Resp: 9326

Ion	Ratio	Lower	Upper
153	100		
152	52.4	40.4	60.6
154	88.3	70.8	106.2



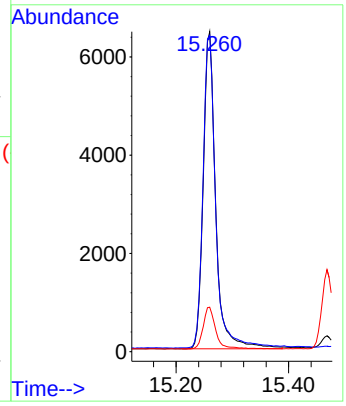
Instrument :
BNA_M
ClientSampleId :
SLCS854

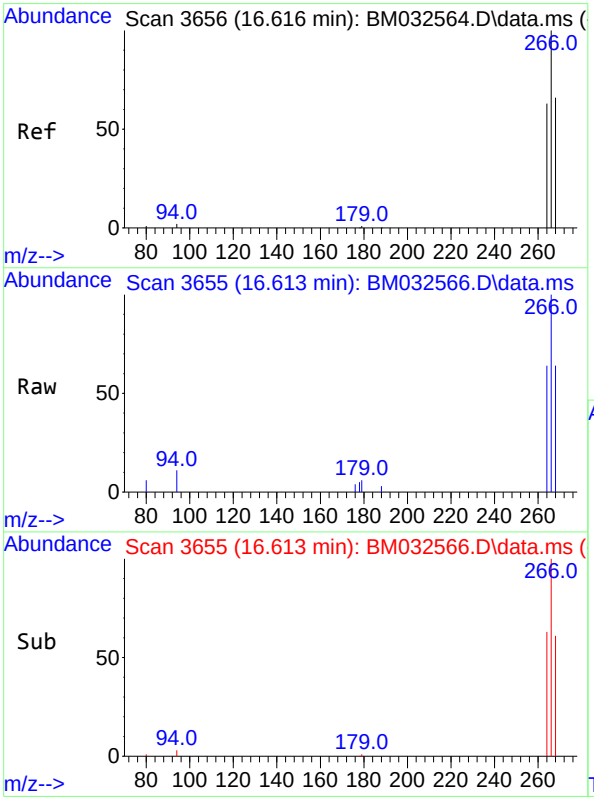


#12
Fluorene
Concen: 0.32 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. 0.004 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:166 Resp: 9937

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.7	121.1
167	13.9	11.2	16.8

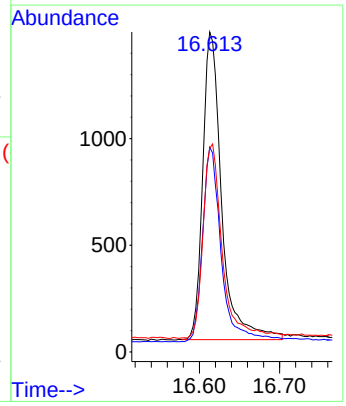


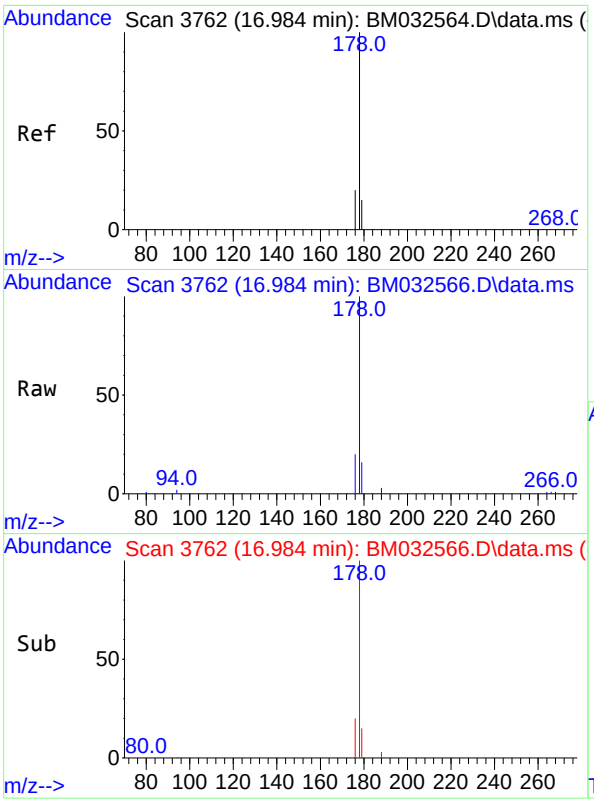


#14
Pentachlorophenol
Concen: 0.69 ng/ul
RT: 16.613 min Scan# 3655
Delta R.T. -0.004 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:266 Resp: 2362

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.8	76.2
268	64.8	50.2	75.2

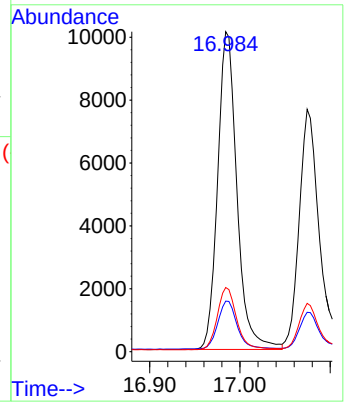




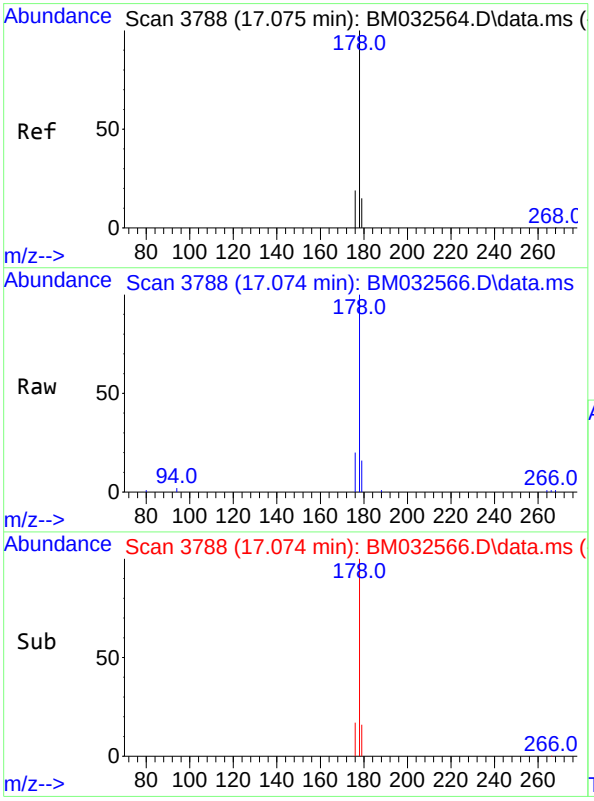
#15
Phenanthrene
Concen: 0.34 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:178 Resp: 15013

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.0	16.1	24.1



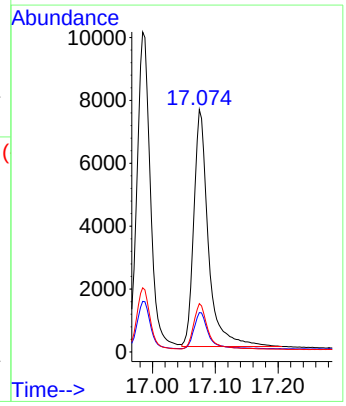
Instrument :
BNA_M
ClientSampleId :
SLCS854



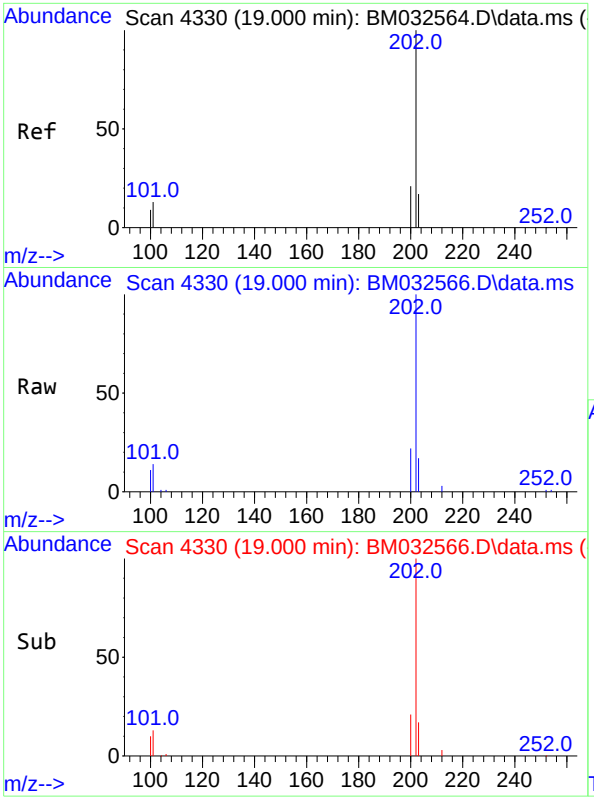
#16
Anthracene
Concen: 0.31 ng/ul
RT: 17.074 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:178 Resp: 12196

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.9	15.8	23.6



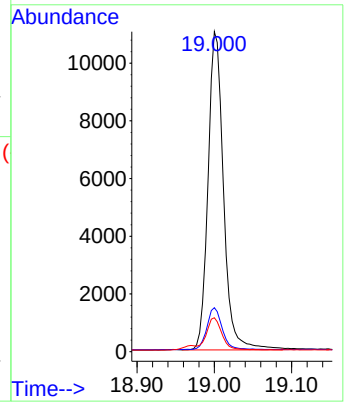
Instrument :
BNA_M
ClientSampleId :
SLCS854

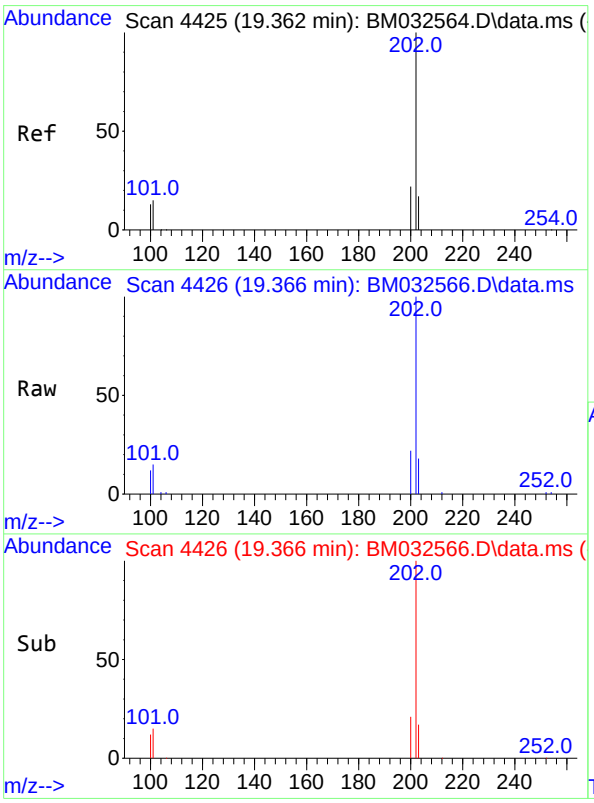


#19
Fluoranthene
Concen: 0.37 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:202 Resp: 15334

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	16.0
100	10.6	7.8	11.8

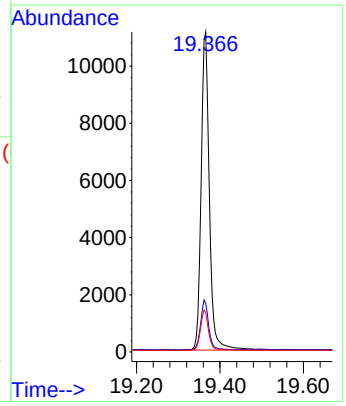




#20
Pyrene
Concen: 0.36 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.004 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:202 Resp: 15412

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.3	18.5
100	12.4	10.1	15.1



Instrument :
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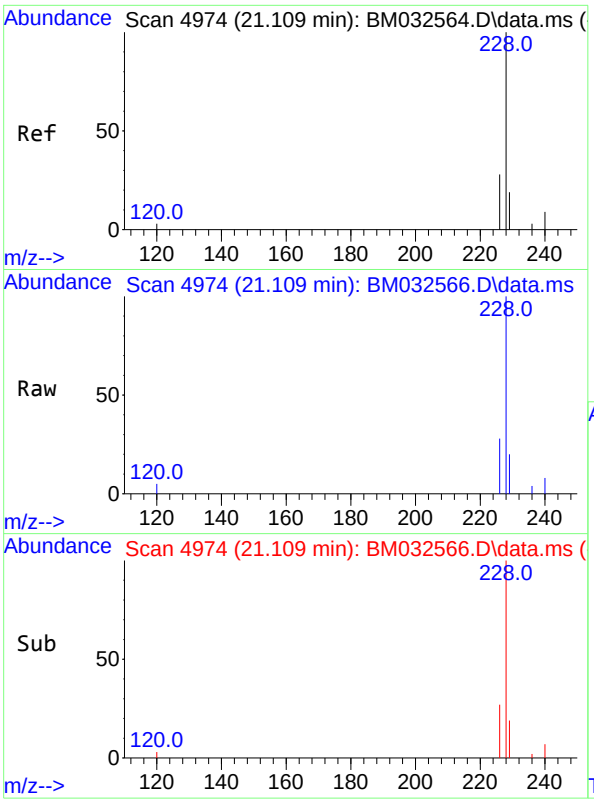
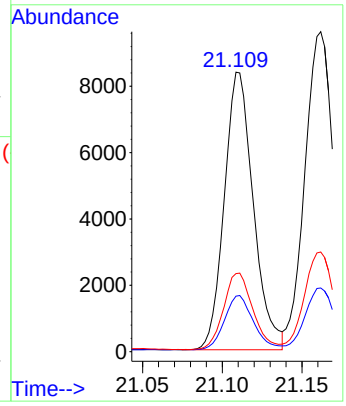
ClientSampleId :
SLCS854

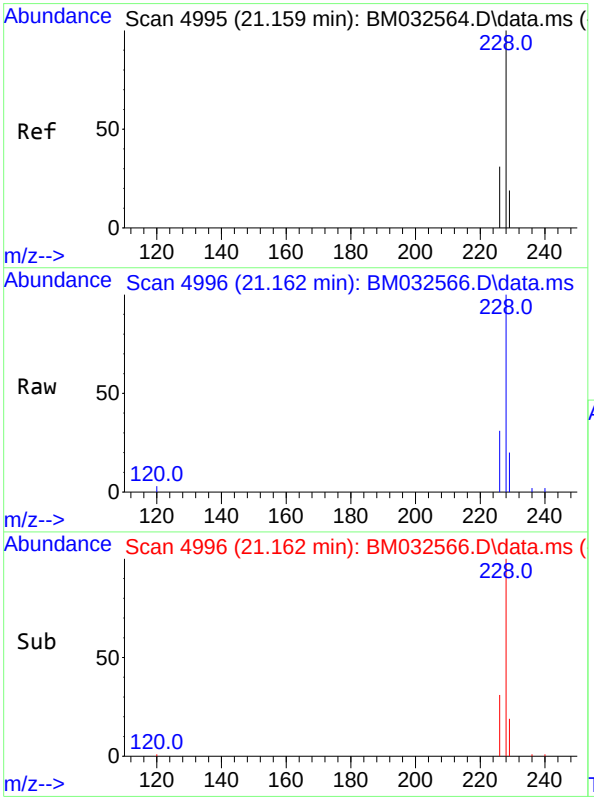


#21
Benzo(a)anthracene
Concen: 0.32 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:228 Resp: 10618

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	27.9	22.4	33.6

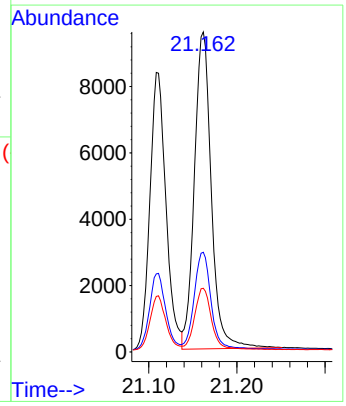




#22
Chrysene
Concen: 0.35 ng/ul
RT: 21.162 min Scan# 4996
Delta R.T. 0.002 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:228 Resp: 12719

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	19.9	15.7	23.5



Instrument :
BNA_M
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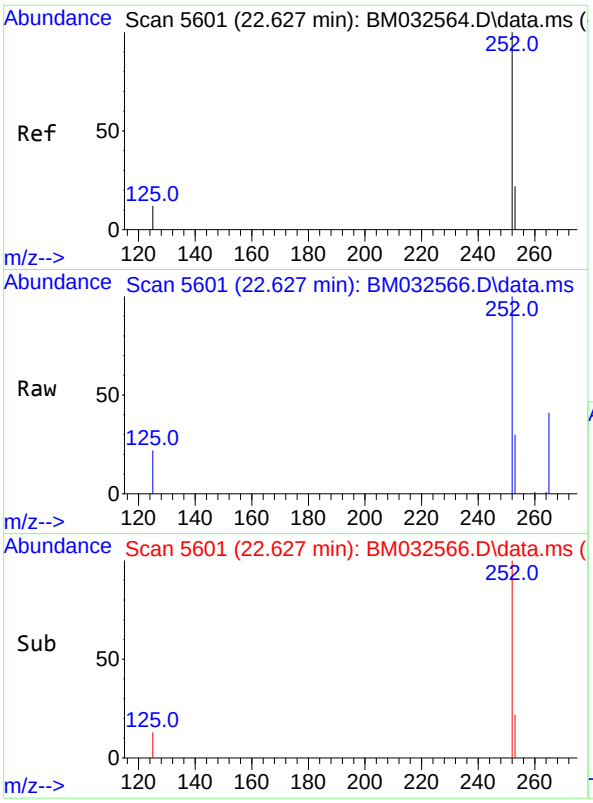
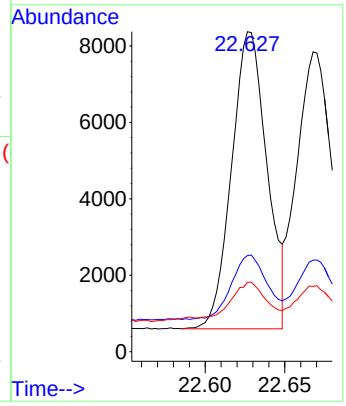
SLCS854

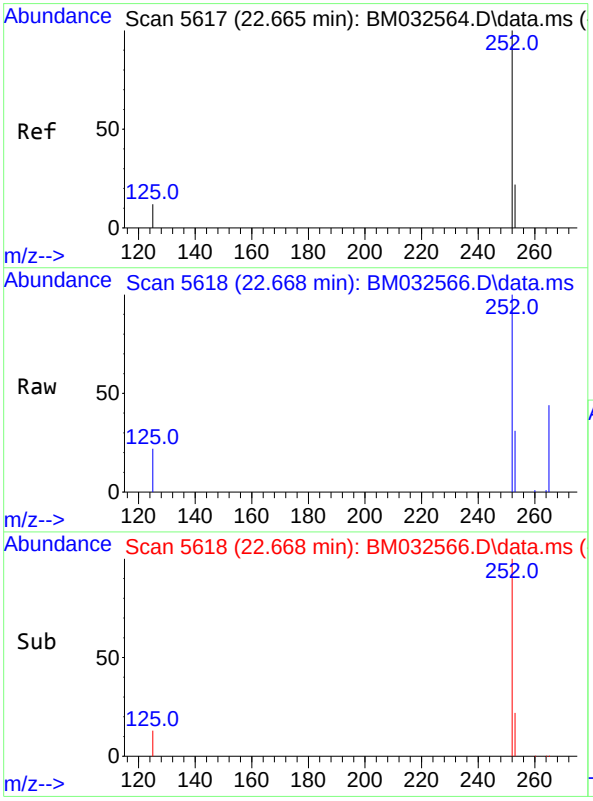


#24
Benzo(b)fluoranthene
Concen: 0.36 ng/ul
RT: 22.627 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:252 Resp: 12020

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	53.8
125	21.6	0.0	35.6

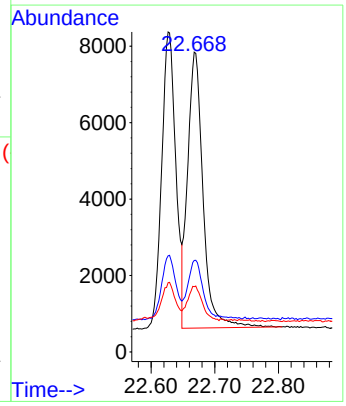




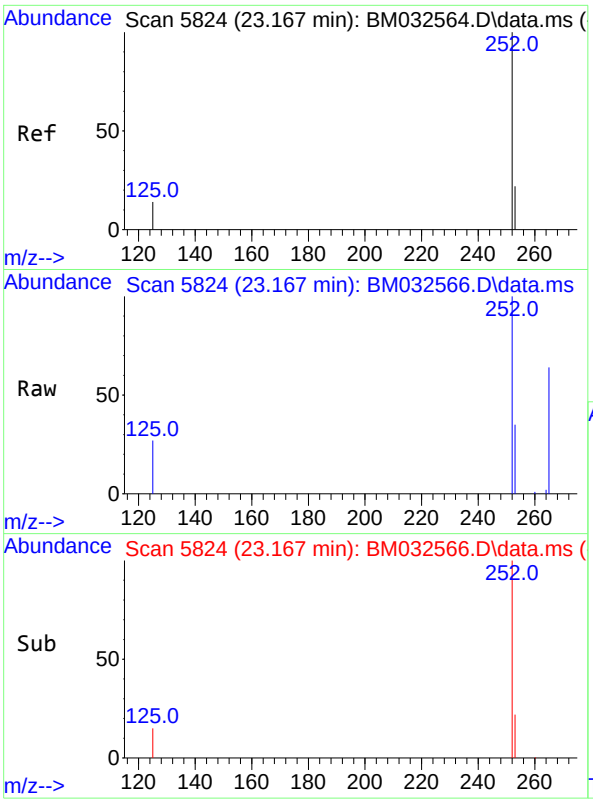
#25
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 22.668 min Scan# 5618
Delta R.T. 0.002 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:252 Resp: 12139

Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.8	32.6
125	21.8	14.4	21.6#



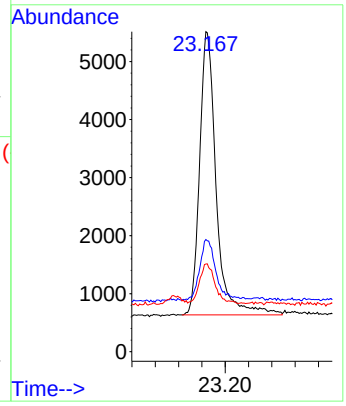
Instrument :
BNA_M
ClientSampleId :
SLCS854

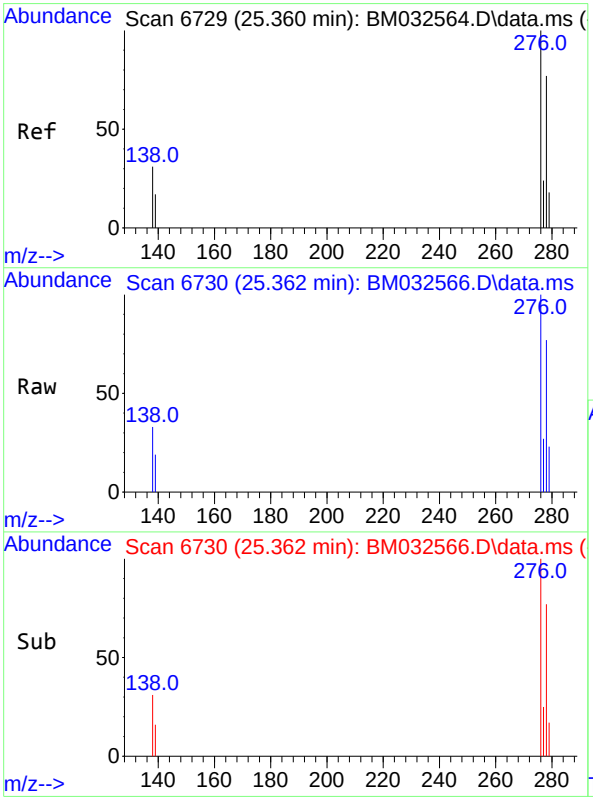


#26
Benzo(a)pyrene
Concen: 0.35 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:252 Resp: 9615

Ion	Ratio	Lower	Upper
252	100		
253	35.0	23.6	35.4
125	27.4	17.1	25.7#

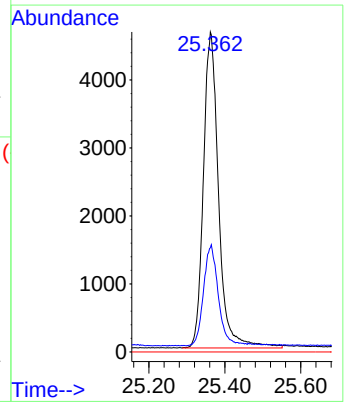




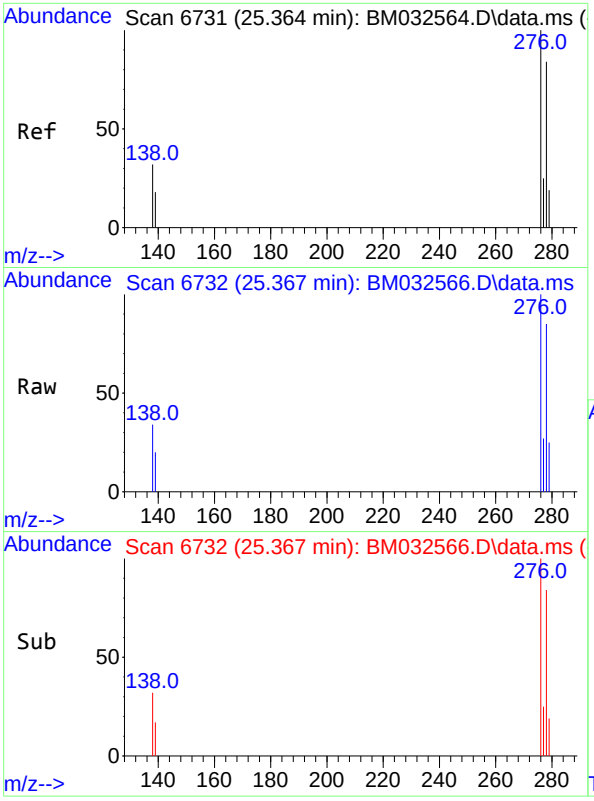
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. 0.002 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:276 Resp: 12911

Ion	Ratio	Lower	Upper
276	100		
138	31.0	24.9	37.3
227	0.0	0.0	0.0



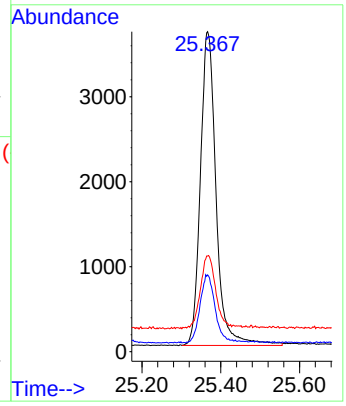
Instrument :
BNA_M
ClientSampleId :
SLCS854

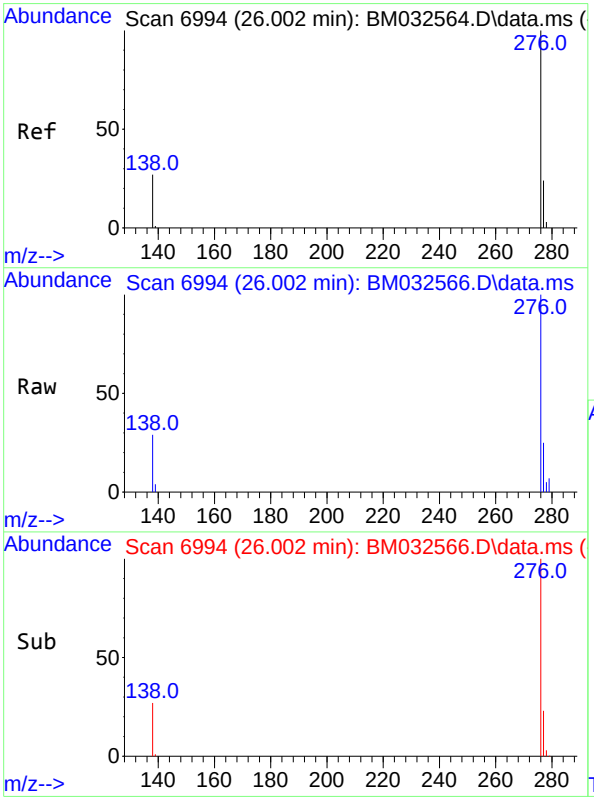


#28
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 25.367 min Scan# 6732
Delta R.T. 0.002 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:278 Resp: 10243

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.6	28.0
279	29.9	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 26.002 min Scan# 6994
Delta R.T. -0.000 min
Lab File: BM032566.D
Acq: 18 Oct 2021 10:39

Tgt Ion:276 Resp: 11767

Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.6	33.8
277	25.0	19.9	29.9