Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032623.D
Acq On : 20 Oct 2021 17:48
Operator : CG/JU
Sample : PB140008BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS008

Quant Time: Oct 20 18:19:35 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 : Wed Oct 20 16:33:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	5158	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	17696	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	8846	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	15576	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	9261	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	7882	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	3897	0.67	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	8053	0.34	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	12014	0.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.958	88	11977	1.88	ng/ul#	81
5) Naphthalene	10.389	128	19508	0.36	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	12573	0.36	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	11939	0.34	ng/ul	99
10) Acenaphthylene	13.928	152	12886	0.34	ng/ul	99
11) Acenaphthene	14.274	153	12709	0.37	ng/ul	99
12) Fluorene	15.260	166	13480	0.35	ng/ul	99
14) Pentachlorophenol	16.617	266	2968	0.74	ng/ul	98
15) Phenanthrene	16.984	178	18977	0.36	ng/ul	100
16) Anthracene	17.078	178	15307	0.33	ng/ul	100
19) Fluoranthene	19.000	202	18998	0.41	ng/ul	99
20) Pyrene	19.366	202	18710	0.40	ng/ul	98
21) Benzo(a)anthracene	21.106	228	13208	0.36	ng/ul	100
22) Chrysene	21.159	228	15770	0.40	ng/ul	99
24) Benzo(b)fluoranthene	22.627	252	15010	0.41	ng/ul	95
25) Benzo(k)fluoranthene	22.665	252	15458	0.43	ng/ul	93
26) Benzo(a)pyrene	23.167	252	12234	0.40	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.372	276	16018	0.43	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.374	278	12817	0.44	ng/ul	97
29) Benzo(g,h,i)perylene	26.021	276	14534	0.45	ng/ul	99

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

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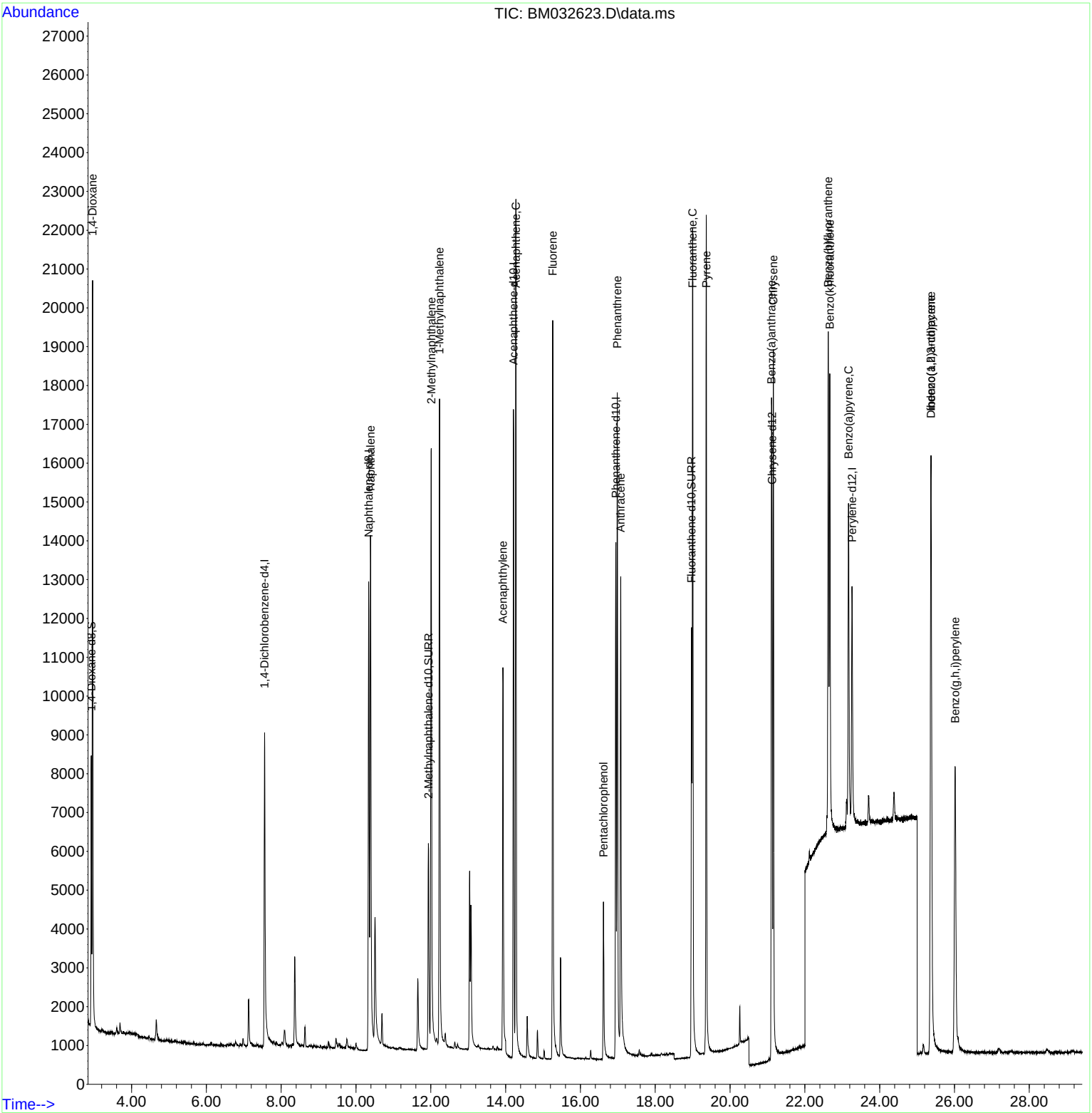

Instrument :
BNA_M
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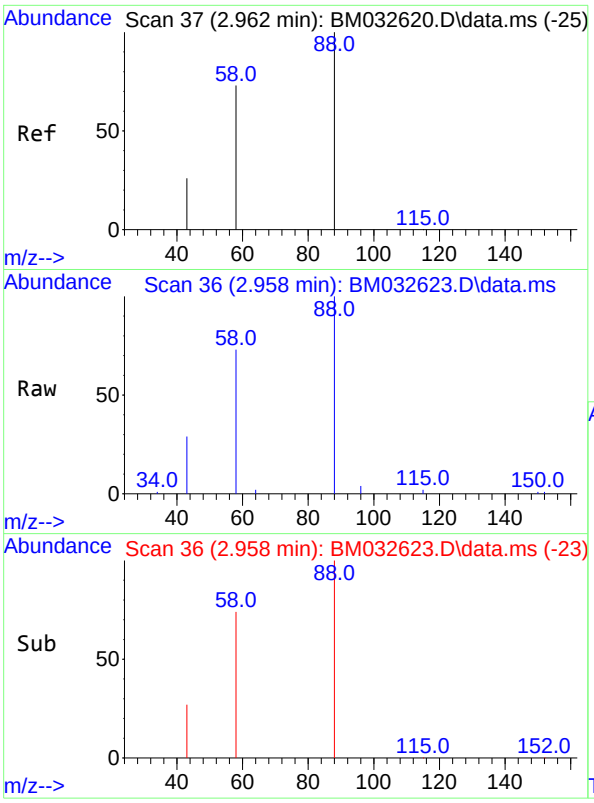
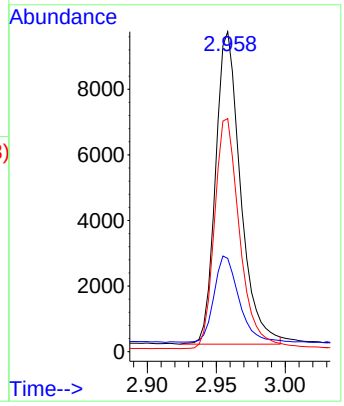
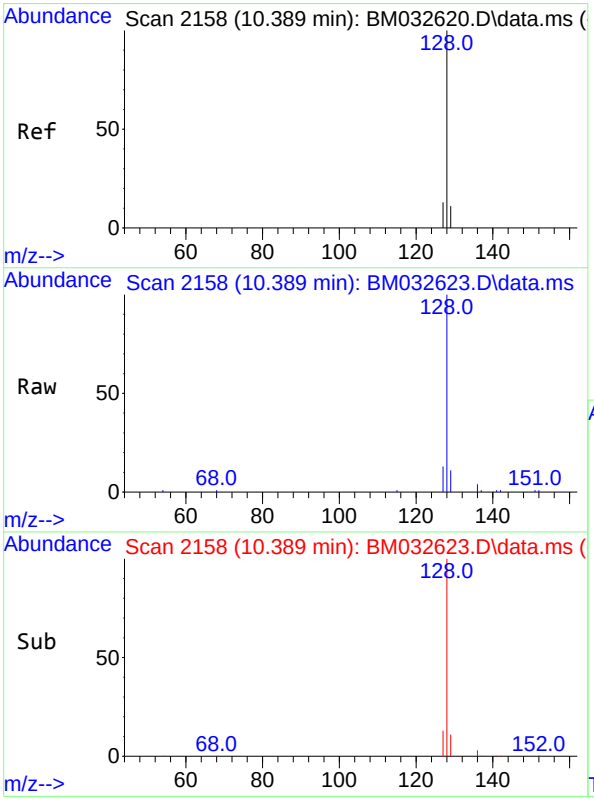


#2
1,4-Dioxane
Concen: 1.88 ng/ul
RT: 2.958 min Scan# 36
Delta R.T. -0.003 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion: 88 Resp: 11977

Ion	Ratio	Lower	Upper
88	100		
43	29.2	46.6	69.8#
58	72.9	60.7	91.1

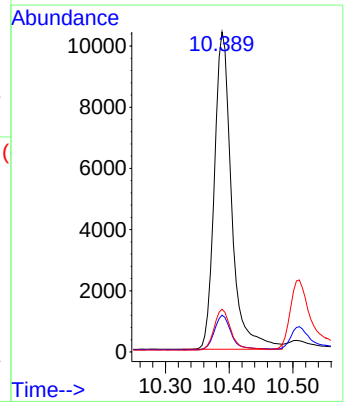


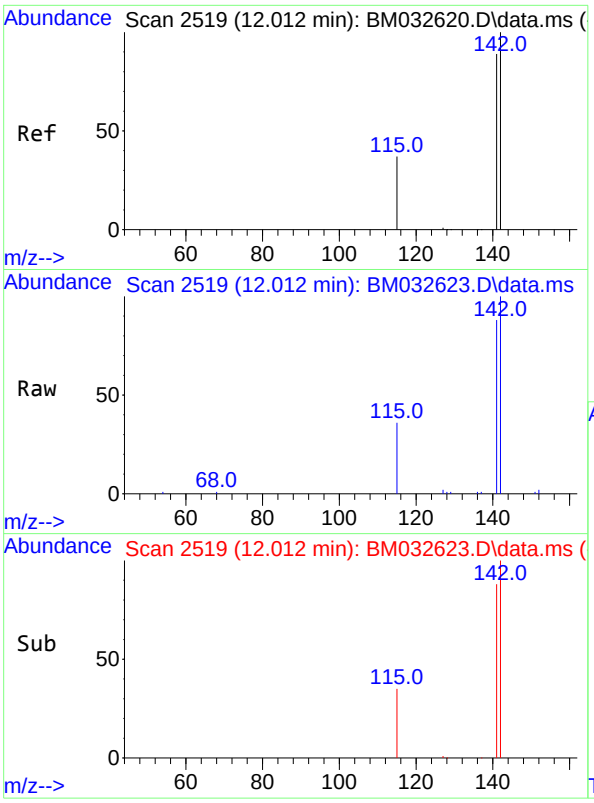


#5
Naphthalene
Concen: 0.36 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:128 Resp: 19508

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.4	11.1	16.7

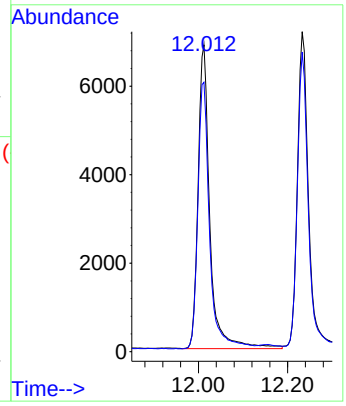




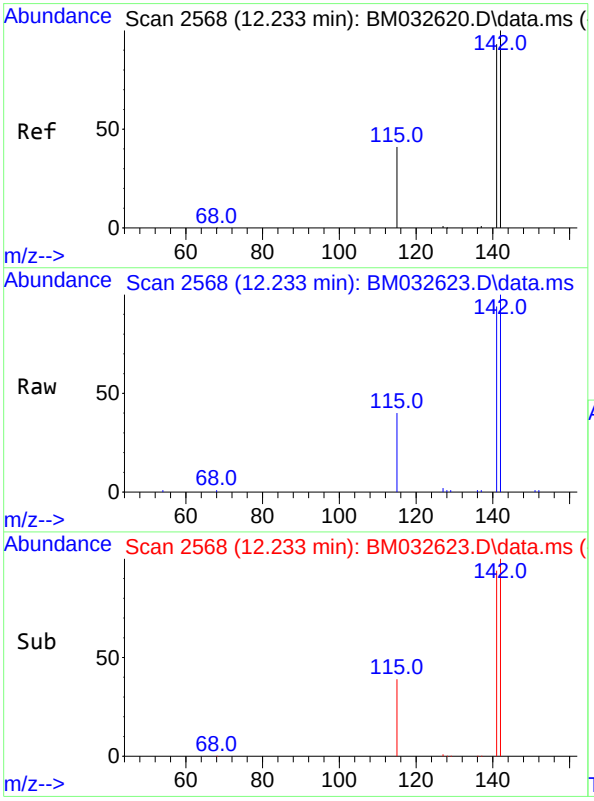
#7
2-Methylnaphthalene
Concen: 0.36 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:142 Resp: 12573

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.2	108.2



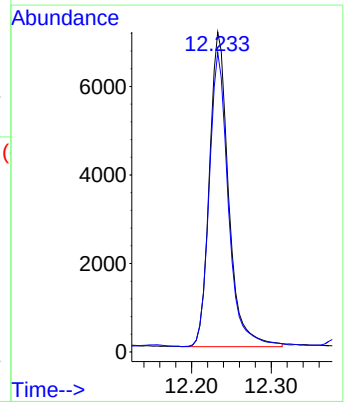
Instrument :
BNA_M
ClientSampleId :
SLCS008



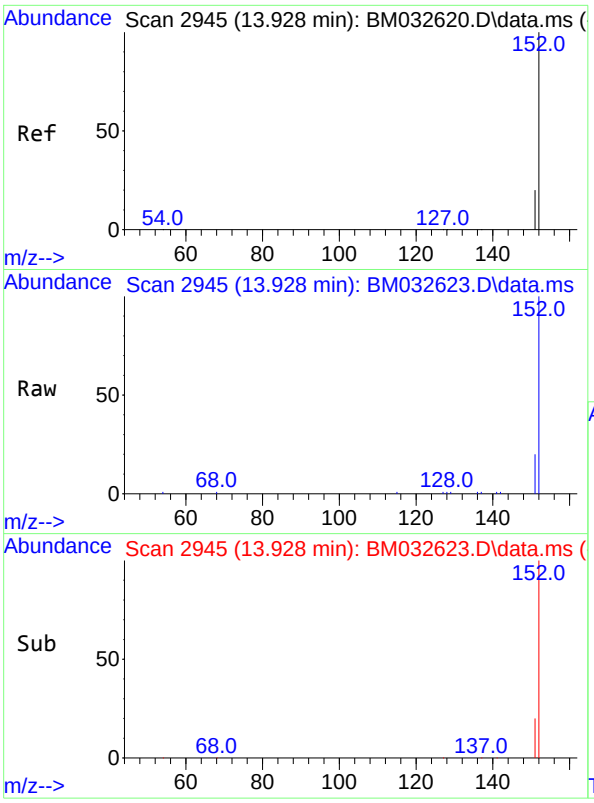
#8
1-Methylnaphthalene
Concen: 0.34 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:142 Resp: 11939

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3



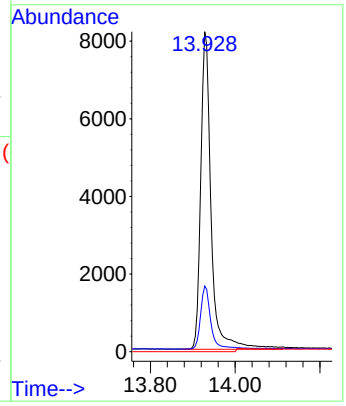
Instrument :
BNA_M
ClientSampleId :
SLCS008

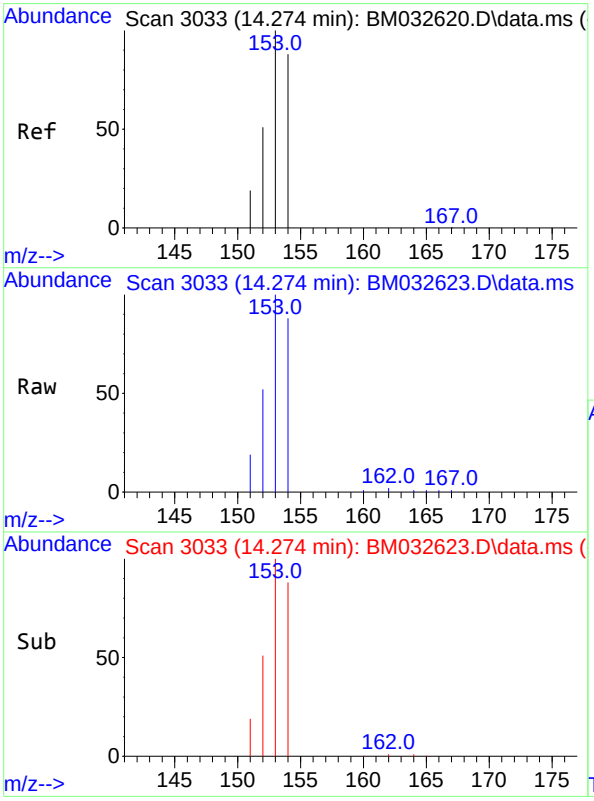


#10
Acenaphthylene
Concen: 0.34 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:152 Resp: 12886

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	0.0	0.0	0.0

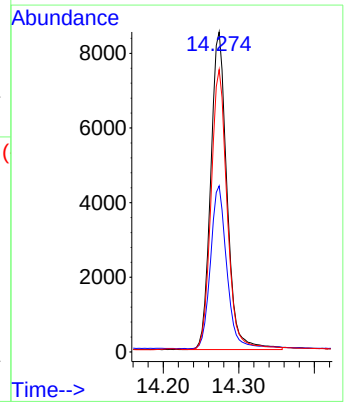




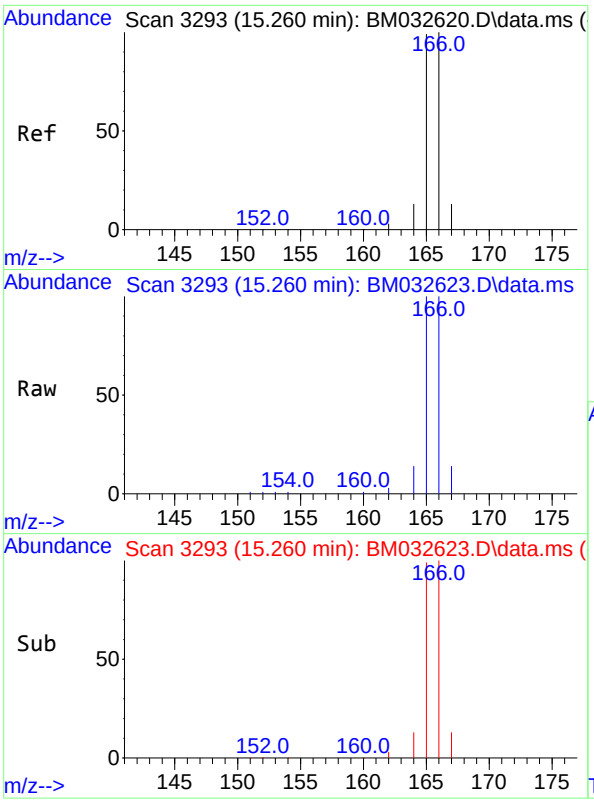
#11
Acenaphthene
Concen: 0.37 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:153 Resp: 12709

Ion	Ratio	Lower	Upper
153	100		
152	51.9	40.4	60.6
154	88.2	70.8	106.2



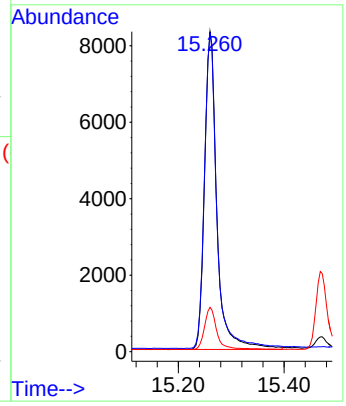
Instrument :
BNA_M
ClientSampleId :
SLCS008

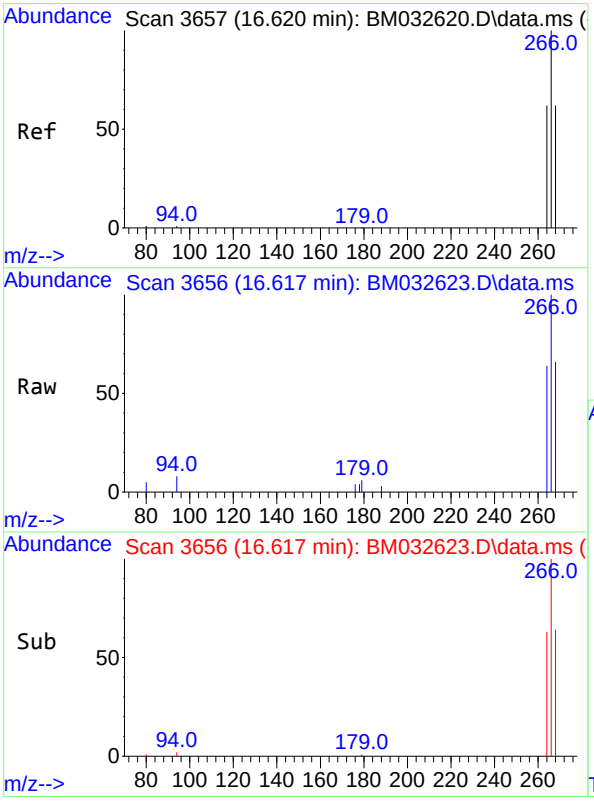


#12
Fluorene
Concen: 0.35 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:166 Resp: 13480

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.7	121.1
167	13.8	11.2	16.8

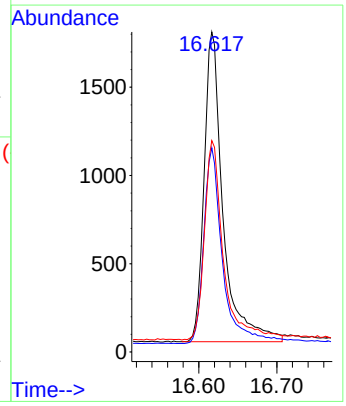




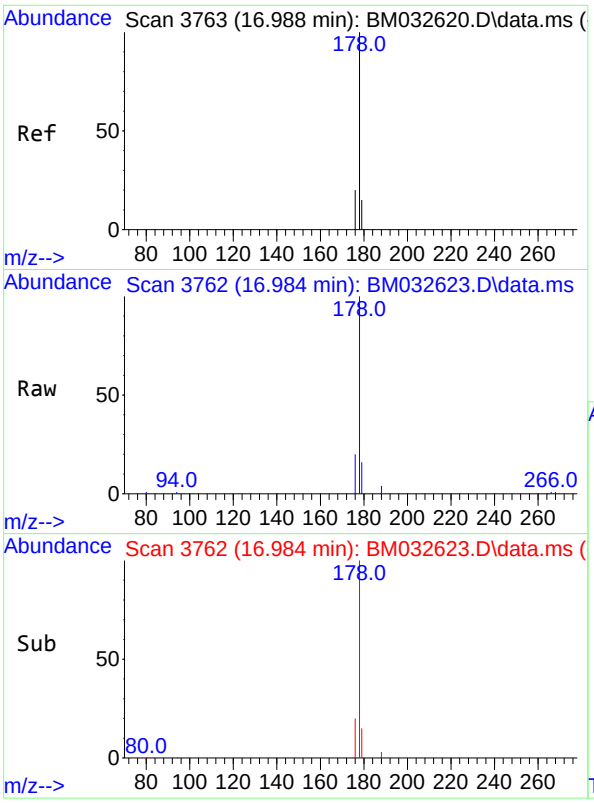
#14
Pentachlorophenol
Concen: 0.74 ng/ul
RT: 16.617 min Scan# 3656
Delta R.T. -0.003 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:266 Resp: 2968

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.8	76.2
268	64.8	50.2	75.2



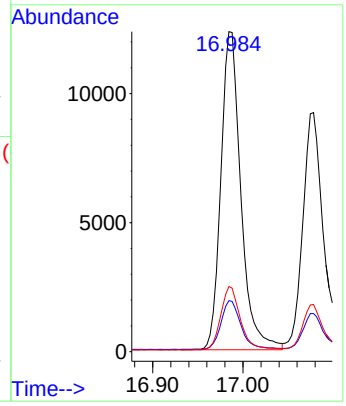
Instrument :
BNA_M
ClientSampleId :
SLCS008

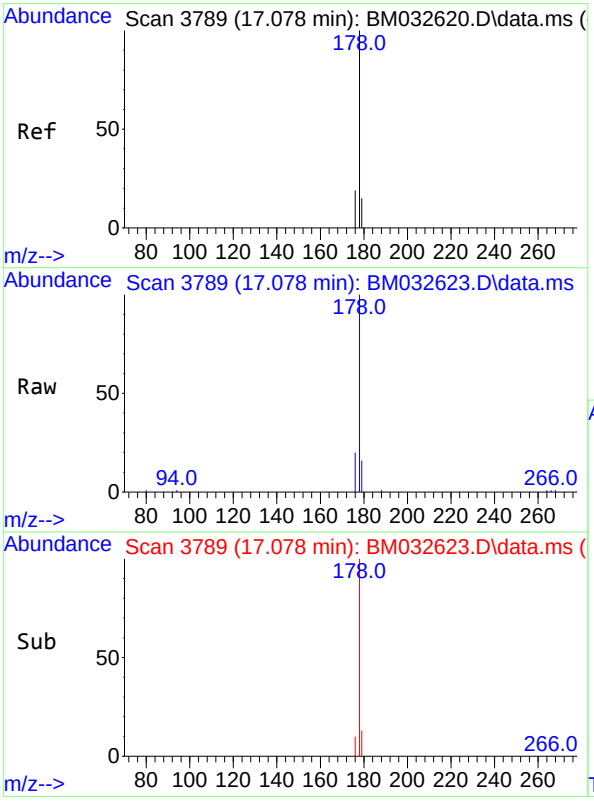


#15
Phenanthrene
Concen: 0.36 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.003 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:178 Resp: 18977

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.3	16.1	24.1

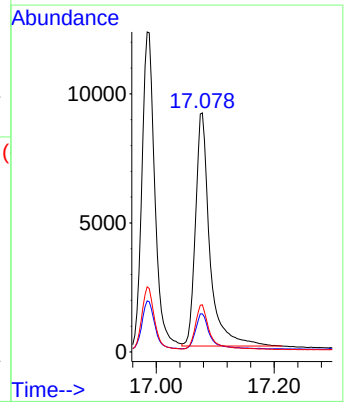




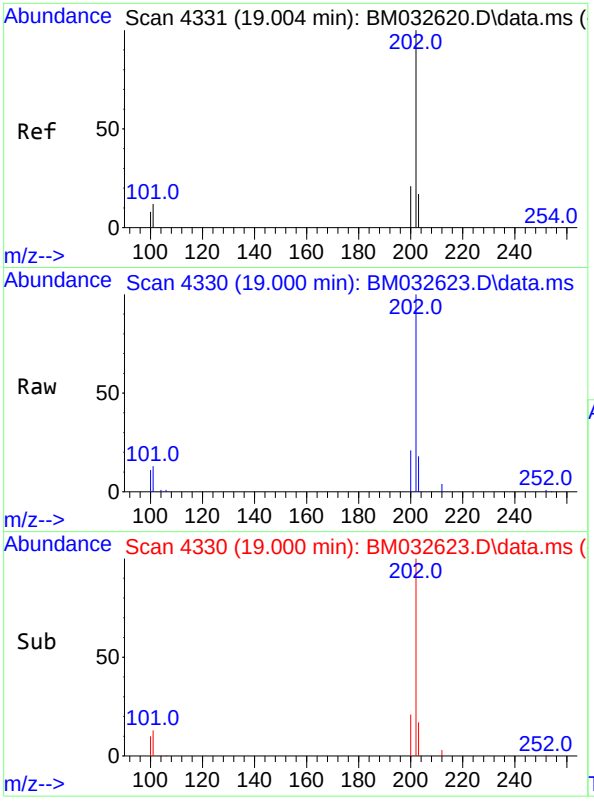
#16
Anthracene
Concen: 0.33 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:178 Resp: 15307

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.7	15.8	23.6



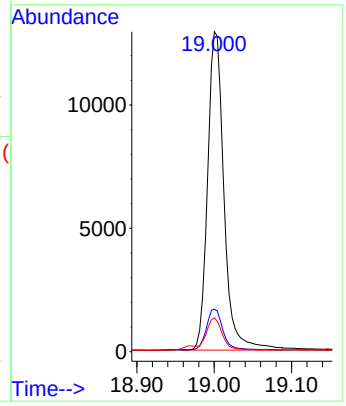
Instrument :
BNA_M
ClientSampleId :
SLCS008

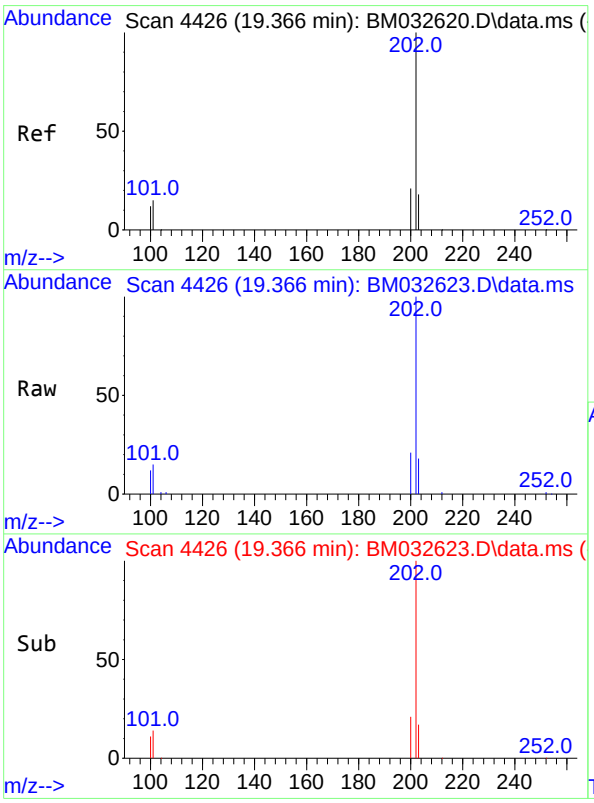


#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.004 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:202 Resp: 18998

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
100	10.5	7.8	11.8

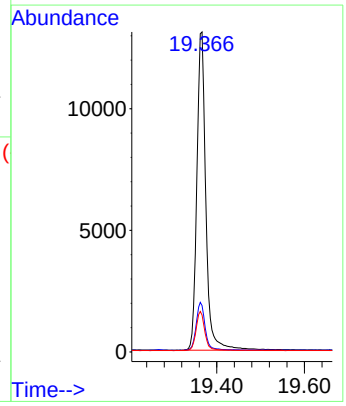




#20
Pyrene
Concen: 0.40 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:202 Resp: 18710

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.3	18.5
100	11.6	10.1	15.1



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ClientSampleId :
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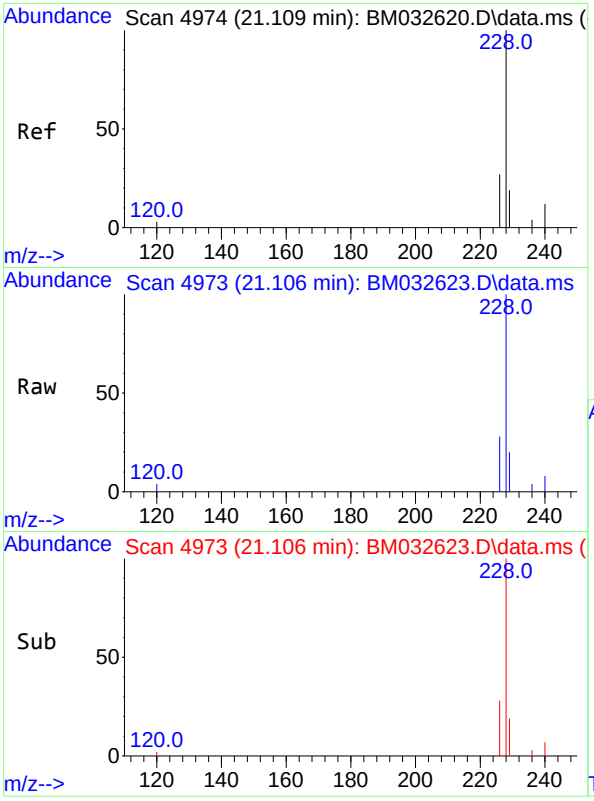
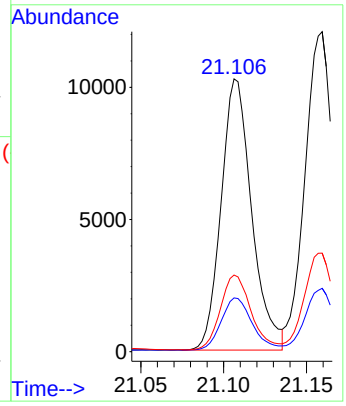
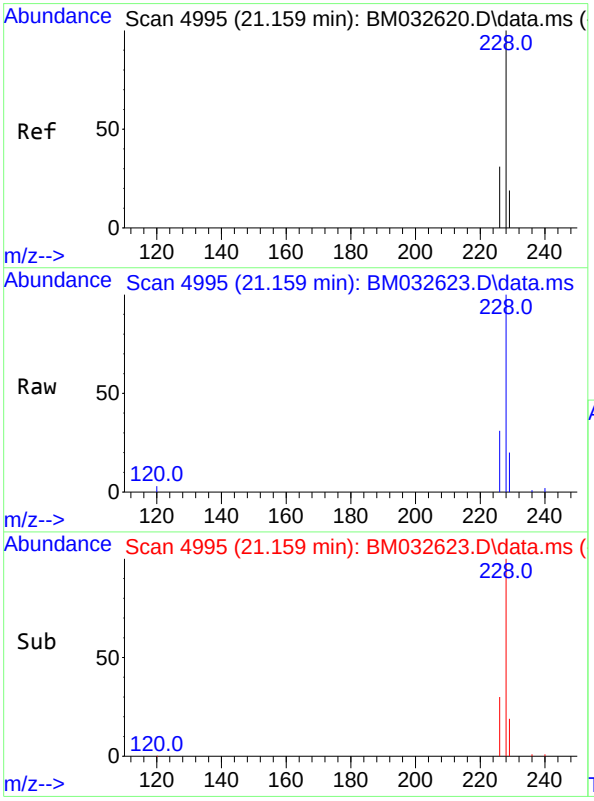


#21
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.002 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:228 Resp: 13208

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	28.1	22.4	33.6

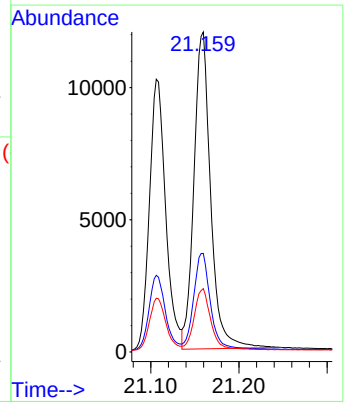




#22
Chrysene
Concen: 0.40 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:228 Resp: 15770

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	19.8	15.7	23.5



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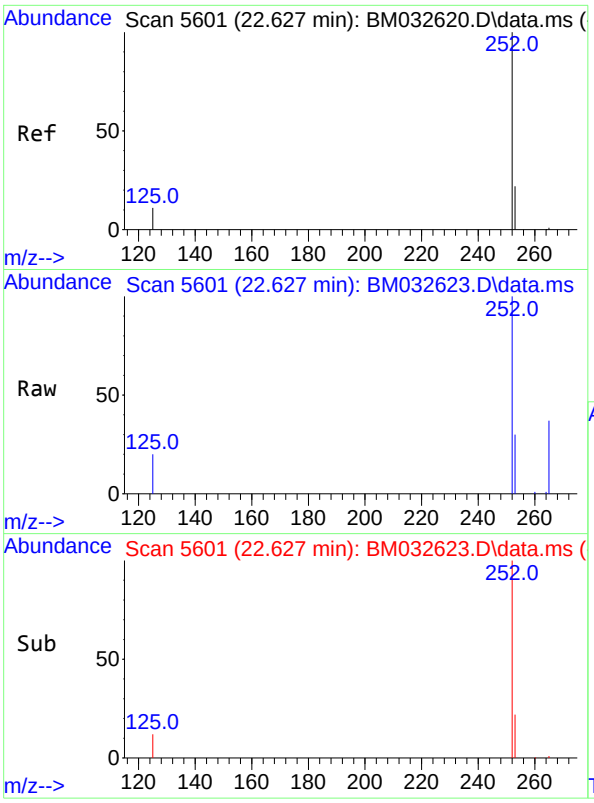
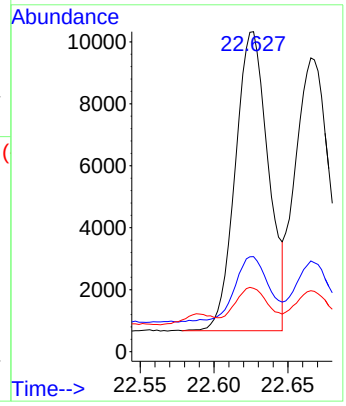
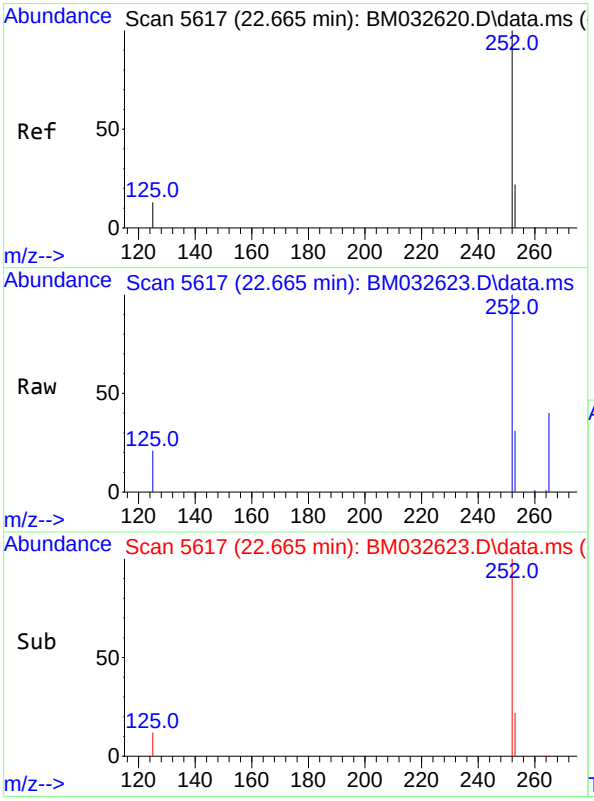


#24
Benzo(b)fluoranthene
Concen: 0.41 ng/ul
RT: 22.627 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:252 Resp: 15010

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	53.8
125	19.8	0.0	35.6

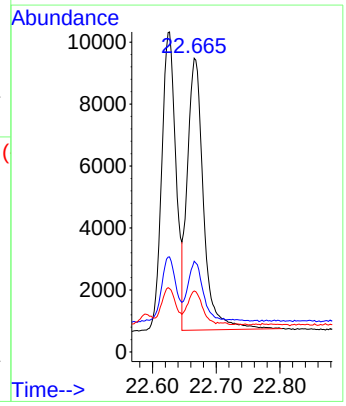




#25
Benzo(k)fluoranthene
Concen: 0.43 ng/ul
RT: 22.665 min Scan# 5617
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:252 Resp: 15458

Ion	Ratio	Lower	Upper
252	100		
253	30.9	21.8	32.6
125	20.7	14.4	21.6



Instrument :
BNA_M
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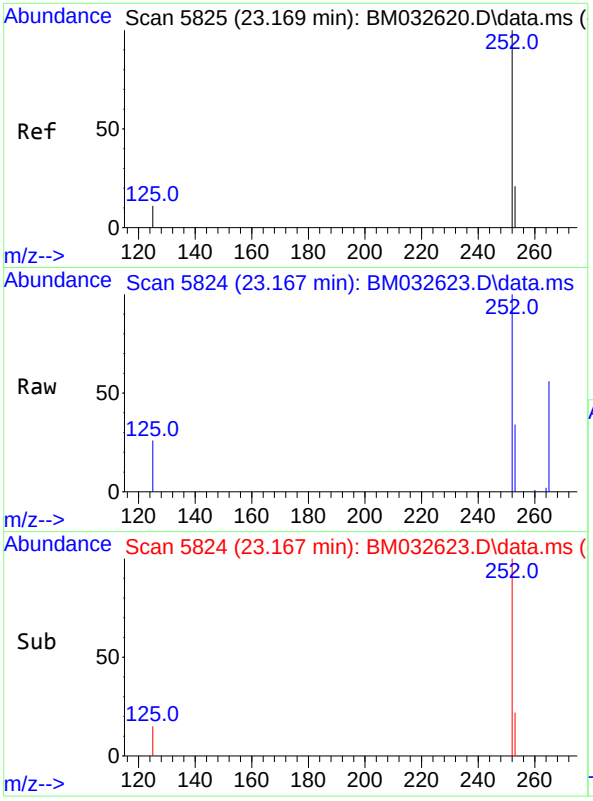
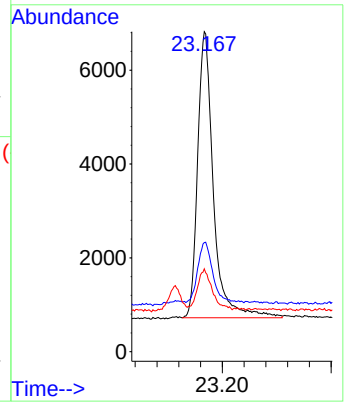
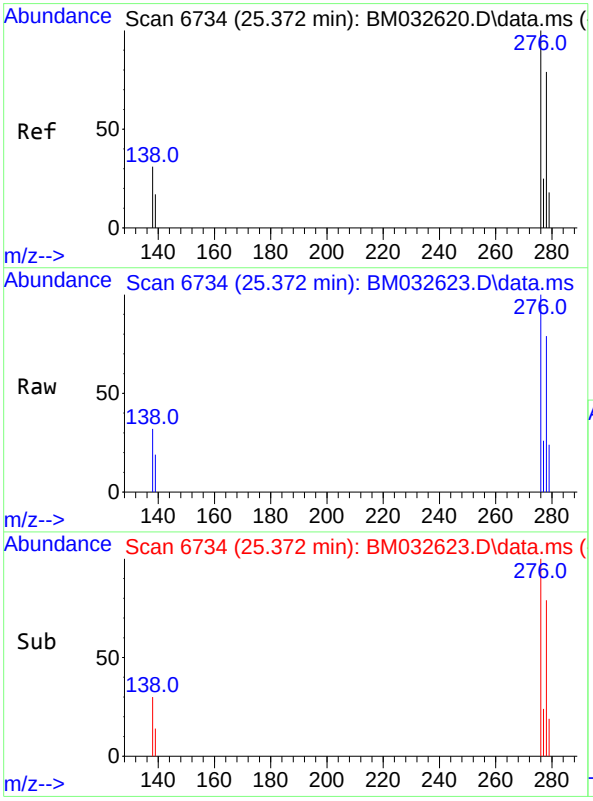


#26
Benzo(a)pyrene
Concen: 0.40 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.002 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:252 Resp: 12234

Ion	Ratio	Lower	Upper
252	100		
253	34.1	23.6	35.4
125	25.9	17.1	25.7#

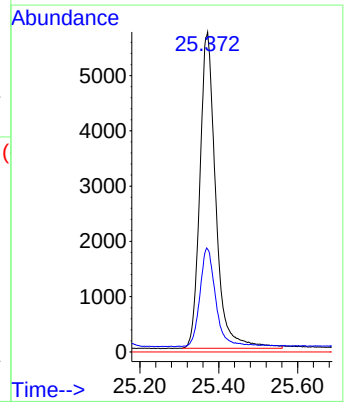




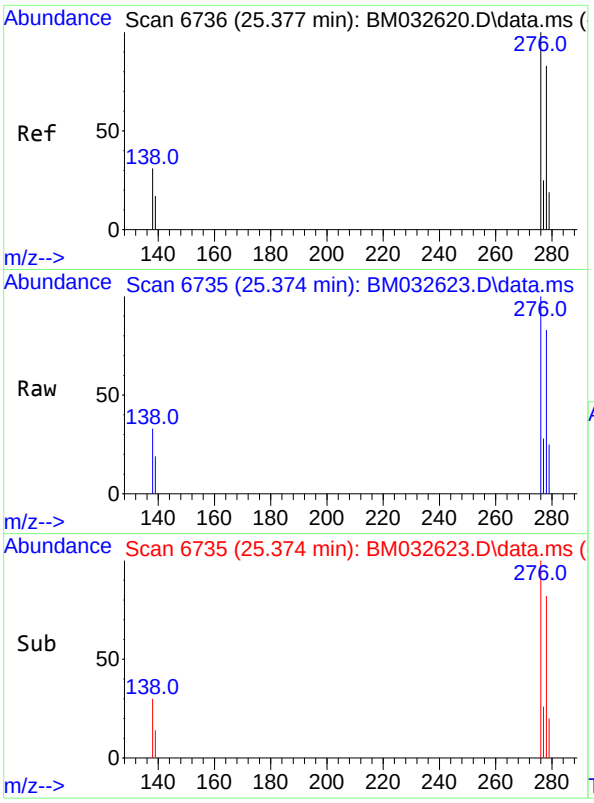
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng/ul
RT: 25.372 min Scan# 6734
Delta R.T. 0.000 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:276 Resp: 16018

Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.9	37.3
227	0.0	0.0	0.0



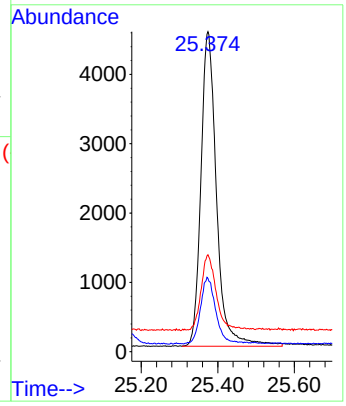
Instrument :
BNA_M
ClientSampleId :
SLCS008

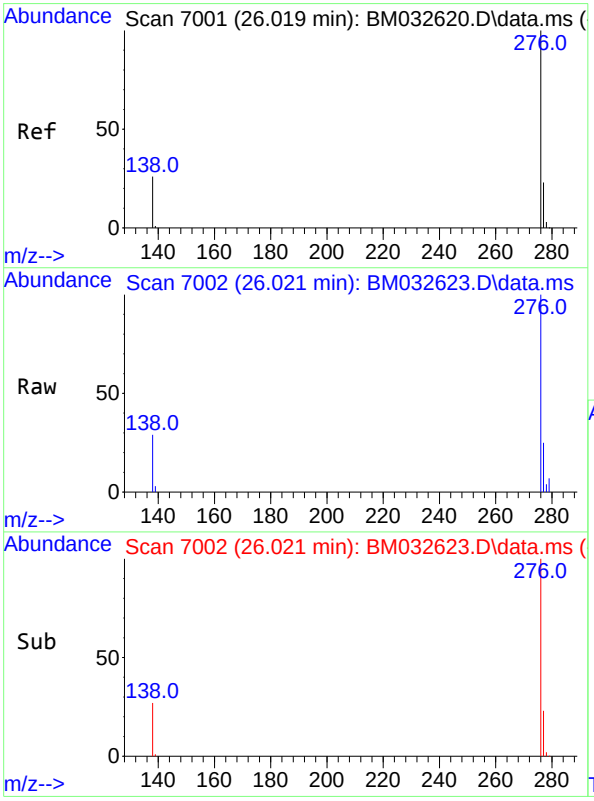


#28
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.002 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:278 Resp: 12817

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.6	28.0
279	30.3	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul
RT: 26.021 min Scan# 7002
Delta R.T. 0.002 min
Lab File: BM032623.D
Acq: 20 Oct 2021 17:48

Tgt Ion:276 Resp: 14534

Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.6	33.8
277	24.8	19.9	29.9