Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032600.D
Acq On : 20 Oct 2021 01:24
Operator : CG/JU
Sample : PB139925BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS925

Quant Time: Oct 20 04:03:51 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 19 15:20:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	5812	0.40	ng/ul	0.00
4) Naphthalene-d8	10.343	136	17813	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	7914	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	13795	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	10323	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	9880	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	5128	0.79	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	8999	0.38	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	13003	0.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.961	88	16332	2.28	ng/ul#	80
5) Naphthalene	10.393	128	23702	0.44	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	14412	0.41	ng/ul	98
8) 1-Methylnaphthalene	12.237	142	13624	0.39	ng/ul	99
10) Acenaphthylene	13.933	152	13939	0.41	ng/ul	99
11) Acenaphthene	14.278	153	13687	0.44	ng/ul	100
12) Fluorene	15.263	166	14193	0.41	ng/ul	98
14) Pentachlorophenol	16.620	266	3772	1.06	ng/ul	99
15) Phenanthrene	16.988	178	20400	0.44	ng/ul	100
16) Anthracene	17.078	178	16570	0.41	ng/ul	100
19) Fluoranthene	19.004	202	21880	0.43	ng/ul	99
20) Pyrene	19.366	202	21903	0.42	ng/ul	99
21) Benzo(a)anthracene	21.106	228	18037	0.45	ng/ul	99
22) Chrysene	21.157	228	21088	0.48	ng/ul	99
24) Benzo(b)fluoranthene	22.624	252	22160	0.49	ng/ul	100
25) Benzo(k)fluoranthene	22.665	252	22353	0.49	ng/ul	100
26) Benzo(a)pyrene	23.167	252	18246	0.48	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.372	276	25074	0.54	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	20000	0.54	ng/ul	98
29) Benzo(g,h,i)perylene	26.021	276	22379	0.55	ng/ul	100

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

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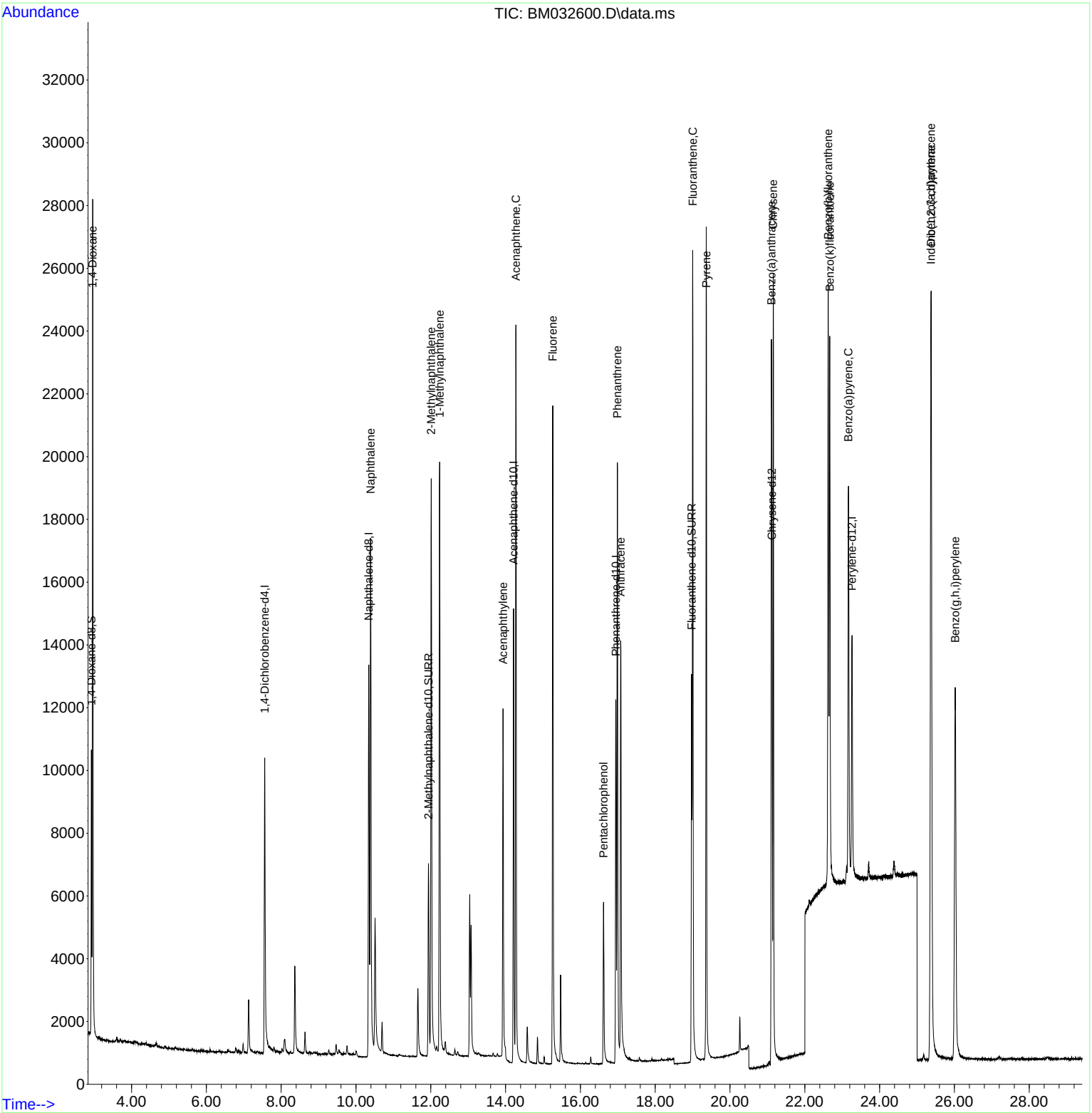

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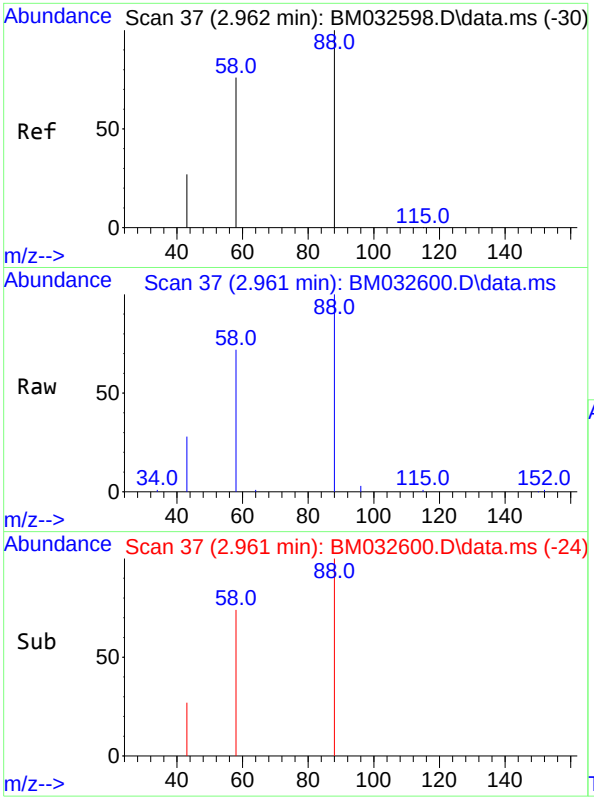
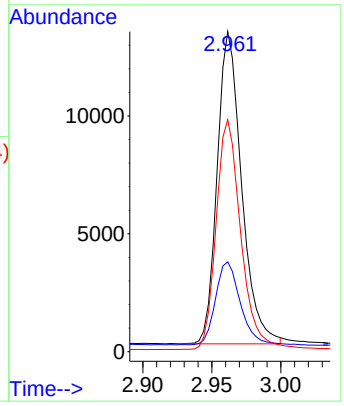
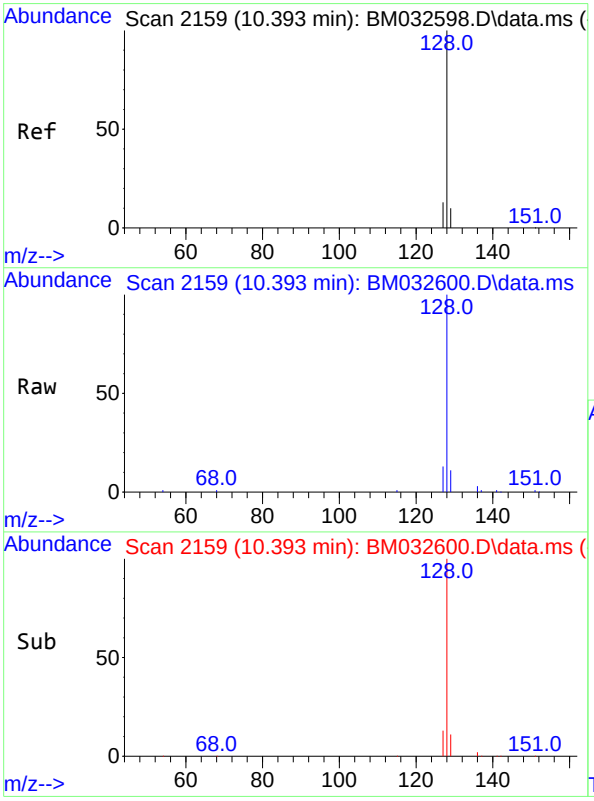


#2
1,4-Dioxane
Concen: 2.28 ng/ul
RT: 2.961 min Scan# 37
Delta R.T. -0.003 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion: 88 Resp: 16332

Ion	Ratio	Lower	Upper
88	100		
43	28.0	46.6	69.8#
58	72.5	60.7	91.1

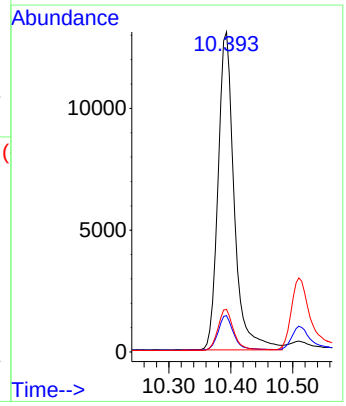




#5
Naphthalene
Concen: 0.44 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:128 Resp: 23702

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	11.1	16.7



Instrument :
BNA_M
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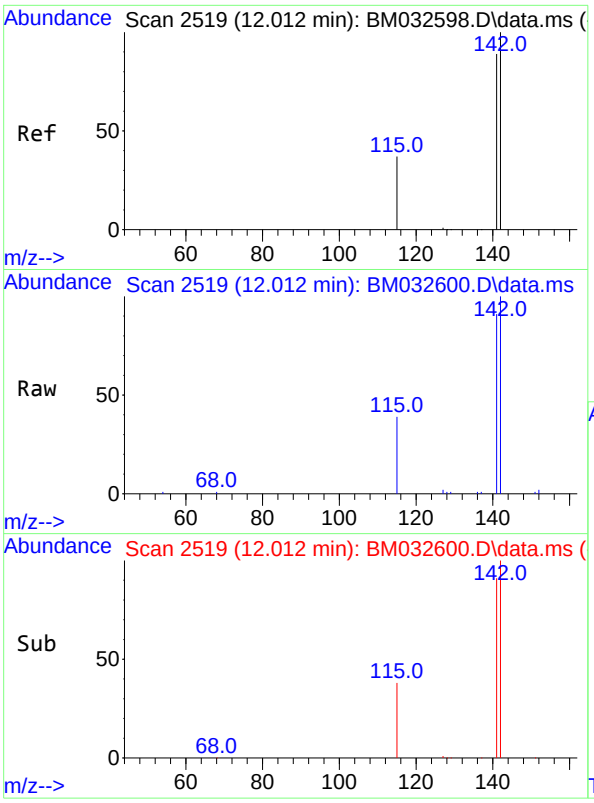
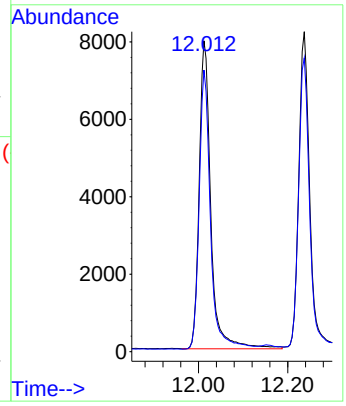
SLCS925

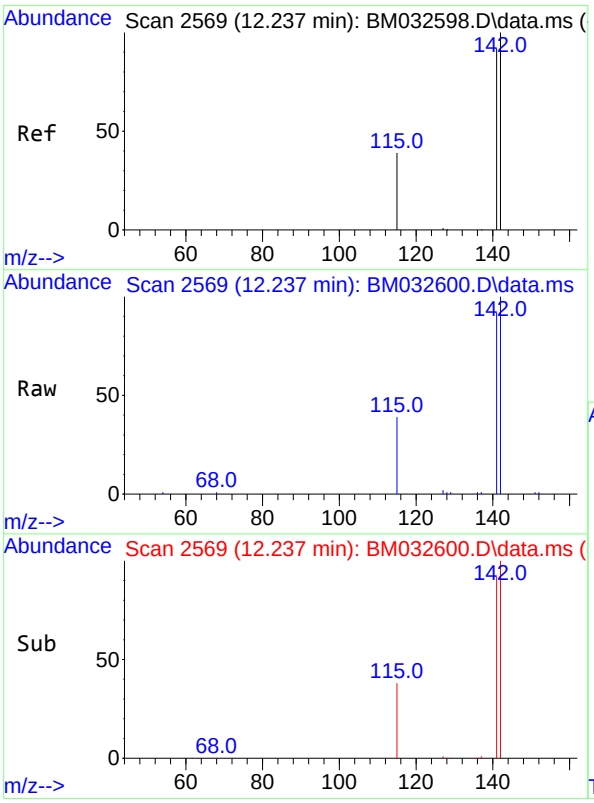


#7
2-Methylnaphthalene
Concen: 0.41 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:142 Resp: 14412

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.2	108.2

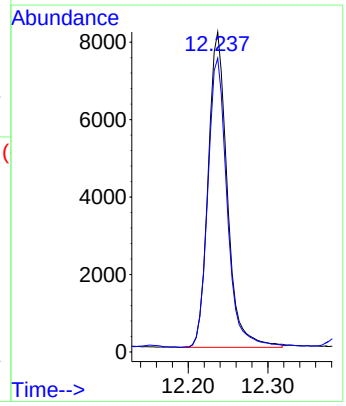




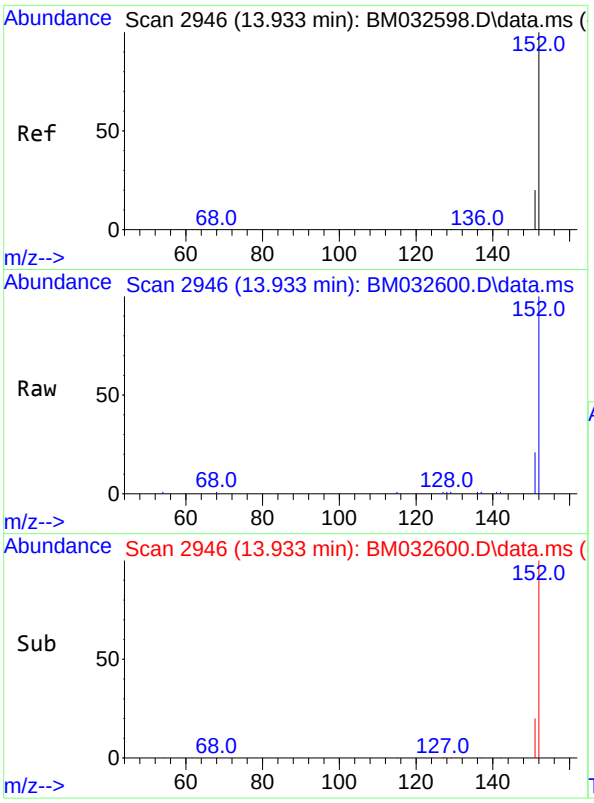
#8
1-Methylnaphthalene
Concen: 0.39 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:142 Resp: 13624

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.9	112.3



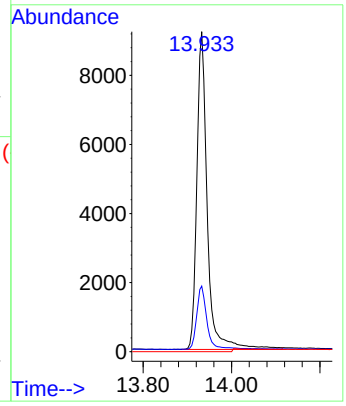
Instrument :
BNA_M
ClientSampleId :
SLCS925

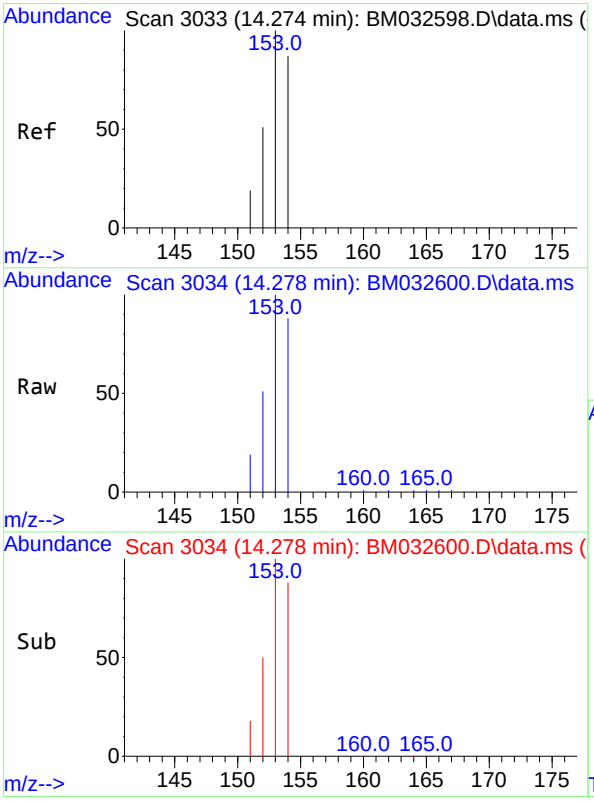


#10
Acenaphthylene
Concen: 0.41 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:152 Resp: 13939

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

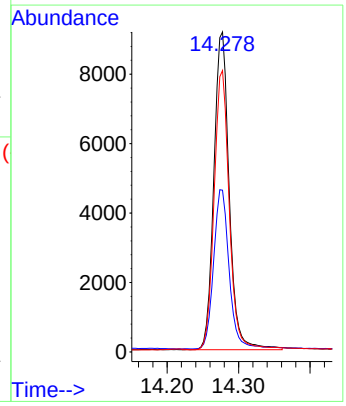




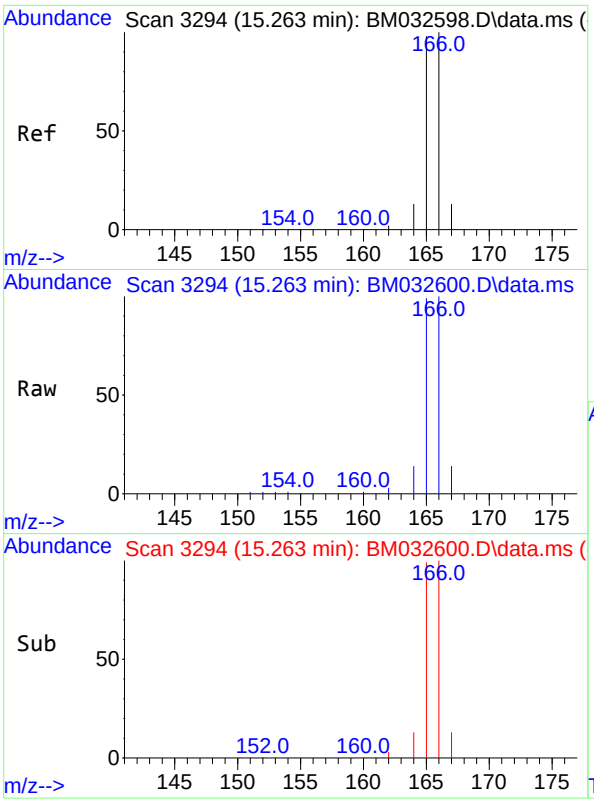
#11
Acenaphthene
Concen: 0.44 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:153 Resp: 13687

Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.4	60.6
154	87.9	70.8	106.2



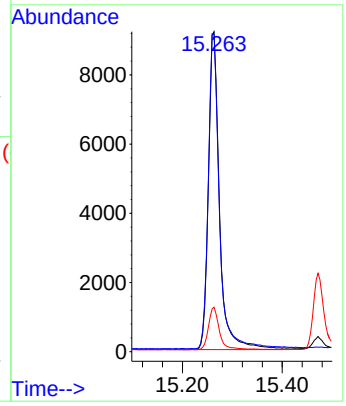
Instrument :
BNA_M
ClientSampleId :
SLCS925

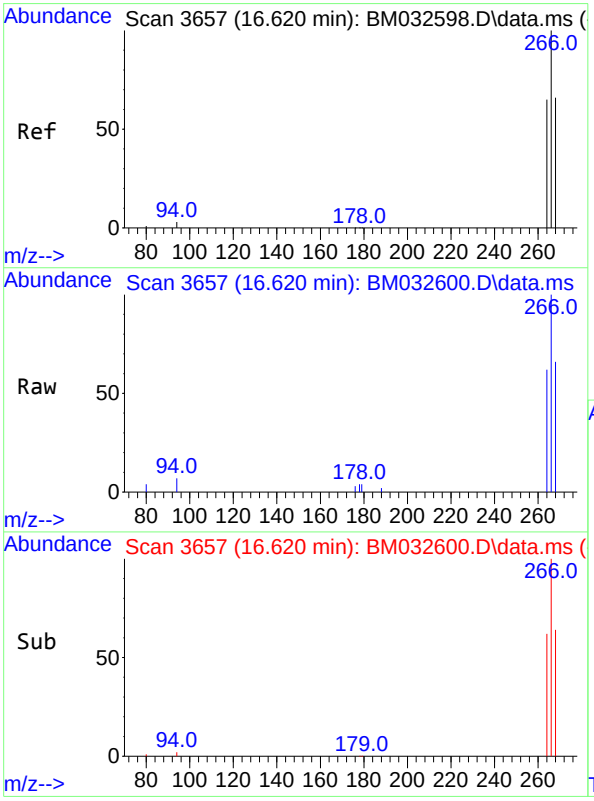


#12
Fluorene
Concen: 0.41 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:166 Resp: 14193

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.7	121.1
167	13.9	11.2	16.8

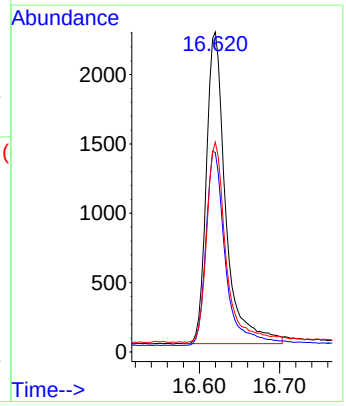




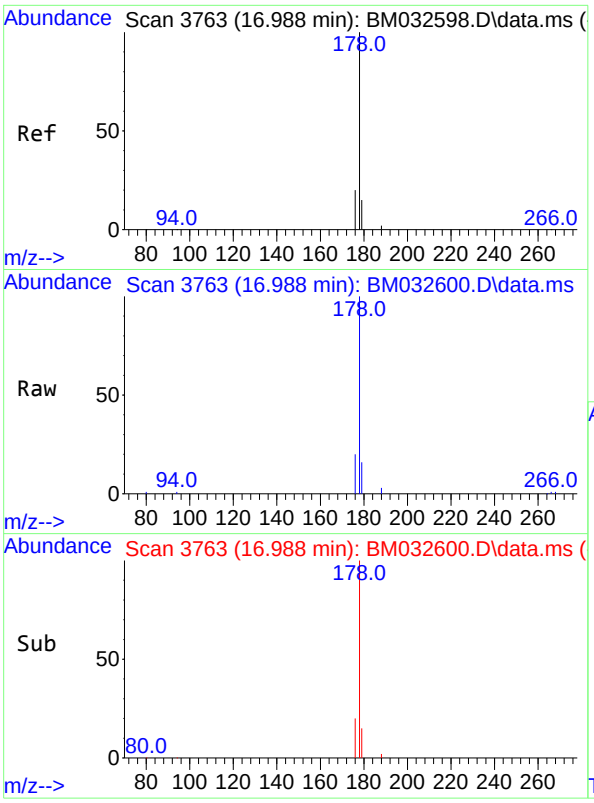
#14
Pentachlorophenol
Concen: 1.06 ng/ul
RT: 16.620 min Scan# 3657
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:266 Resp: 3772

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.8	76.2
268	64.3	50.2	75.2



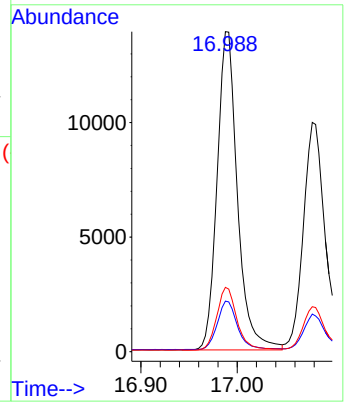
Instrument :
BNA_M
ClientSampleId :
SLCS925

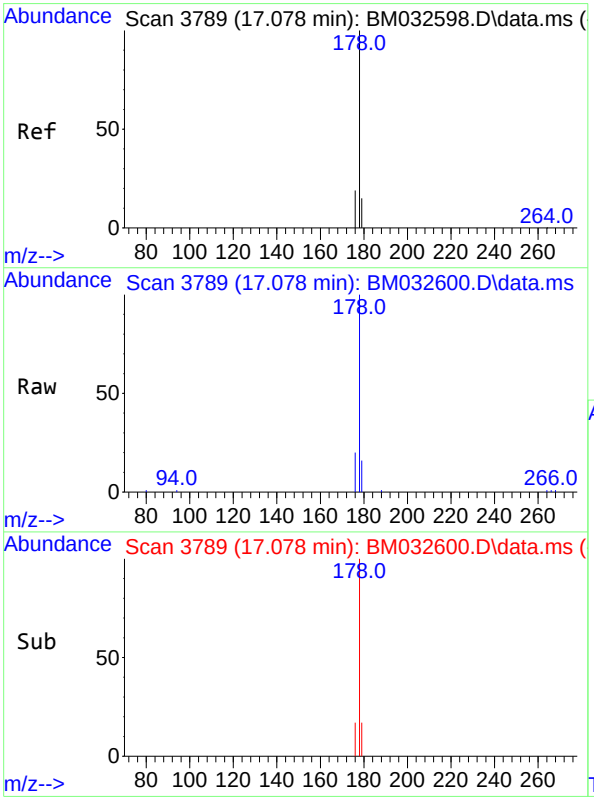


#15
Phenanthrene
Concen: 0.44 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:178 Resp: 20400

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.1	16.1	24.1

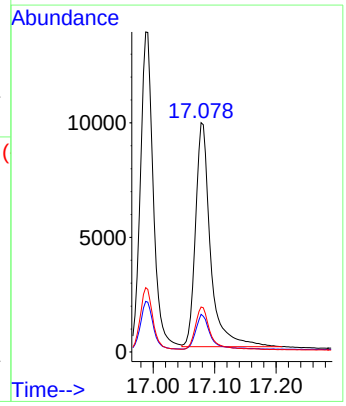




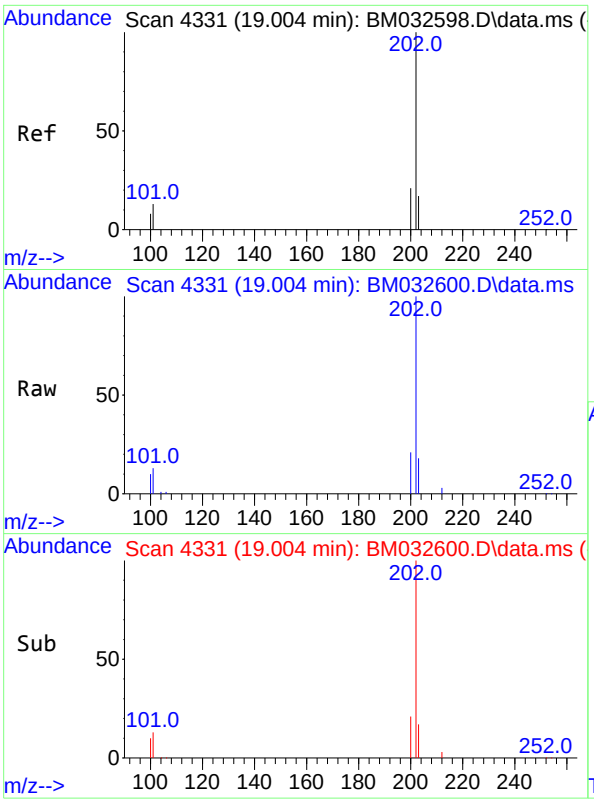
#16
Anthracene
Concen: 0.41 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:178 Resp: 16570

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.6	15.8	23.6



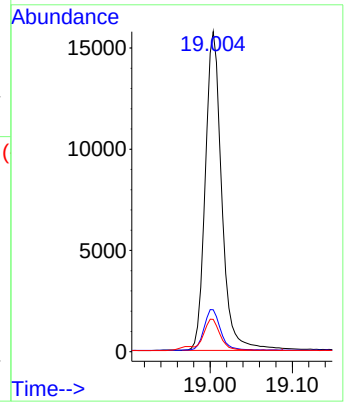
Instrument :
BNA_M
ClientSampleId :
SLCS925

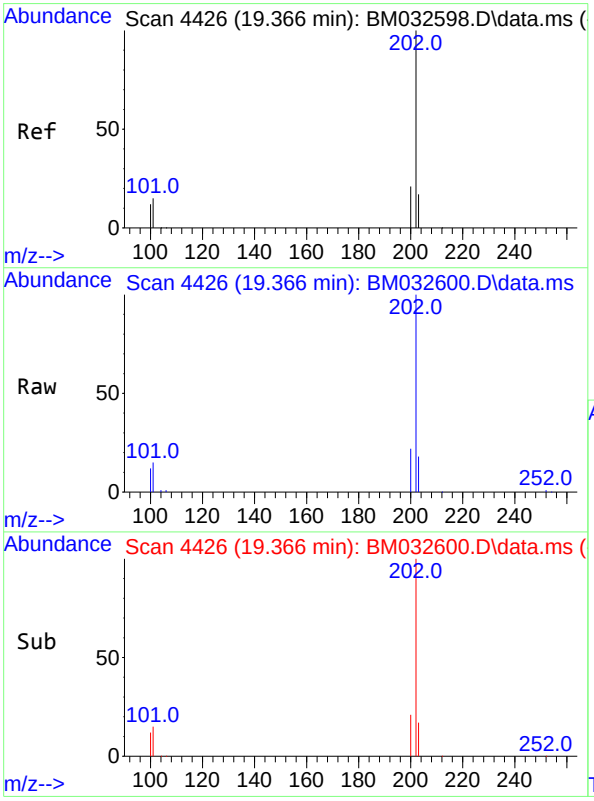


#19
Fluoranthene
Concen: 0.43 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:202 Resp: 21880

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	16.0
100	10.1	7.8	11.8

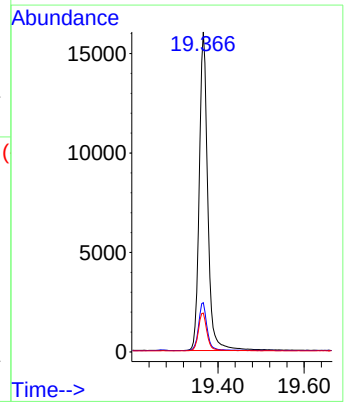




#20
Pyrene
Concen: 0.42 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:202 Resp: 21903

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.3	18.5
100	12.2	10.1	15.1



Instrument :
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ClientSampleId :
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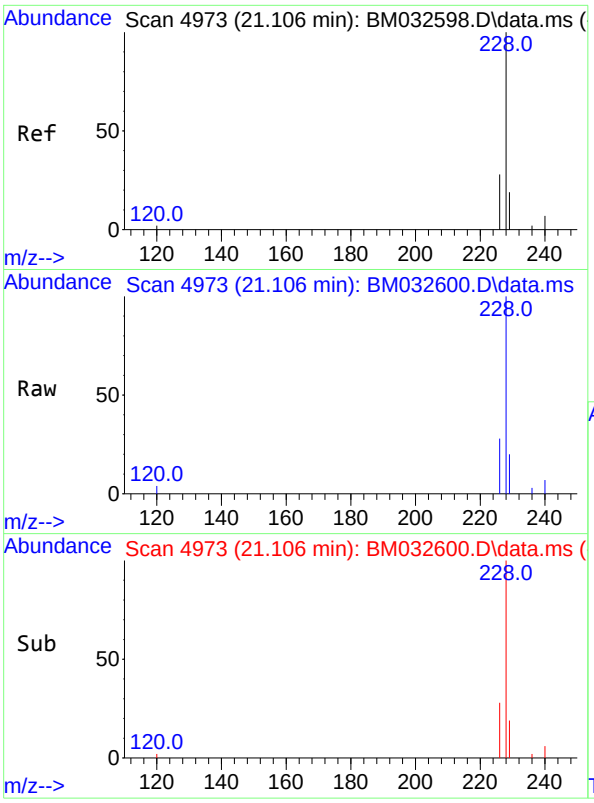
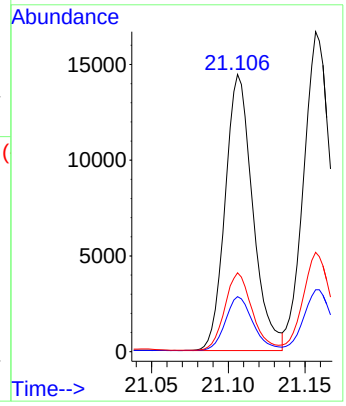
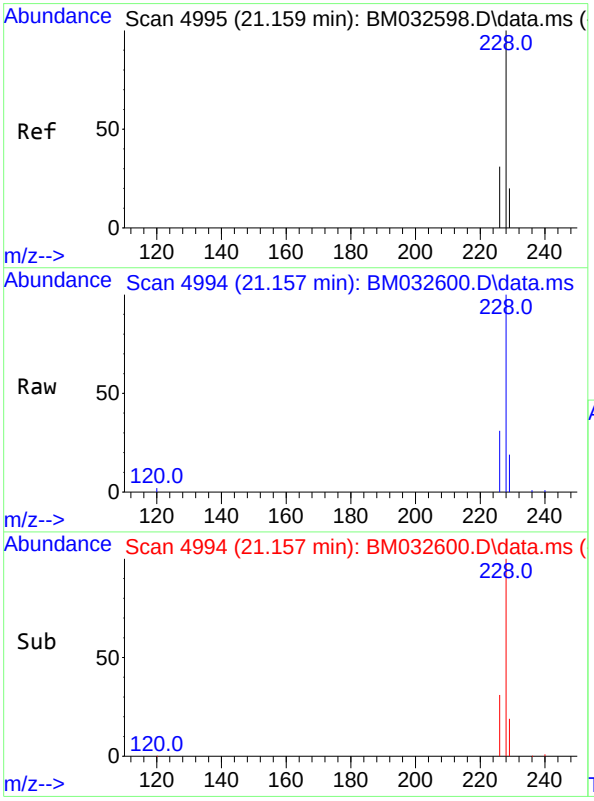


#21
Benzo(a)anthracene
Concen: 0.45 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.000 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:228 Resp: 18037

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	28.5	22.4	33.6

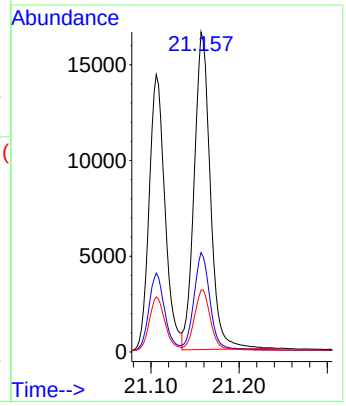




#22
Chrysene
Concen: 0.48 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.002 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:228 Resp: 21088

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.1	37.7
229	19.4	15.7	23.5



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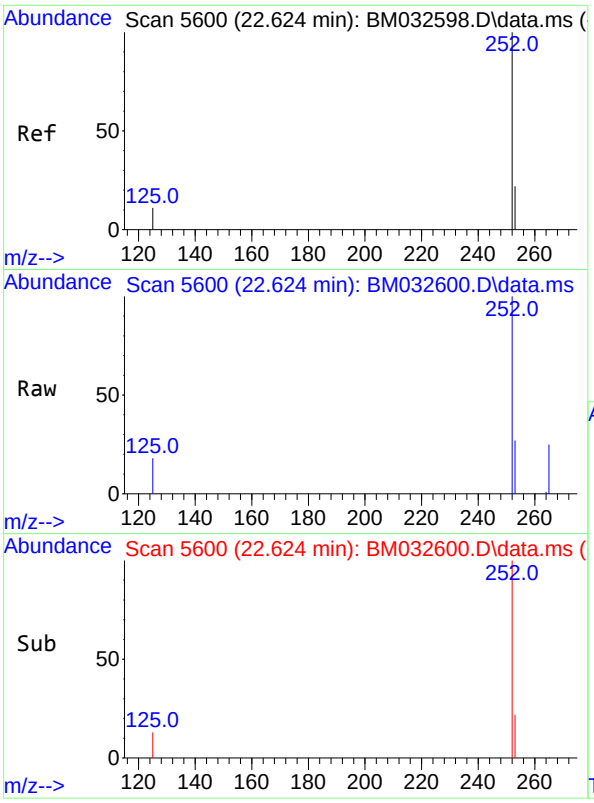
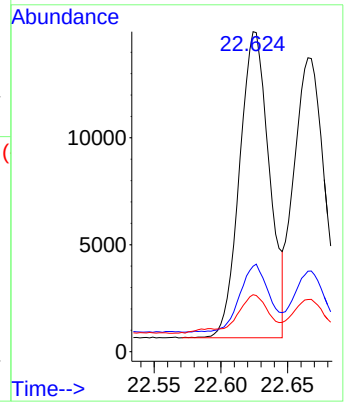
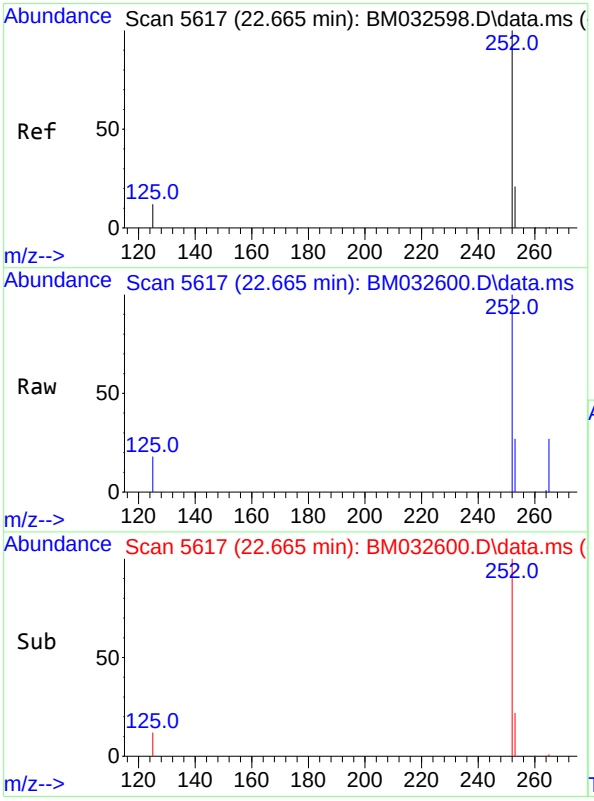


#24
Benzo(b)fluoranthene
Concen: 0.49 ng/ul
RT: 22.624 min Scan# 5600
Delta R.T. -0.002 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:252 Resp: 22160

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	53.8
125	17.8	0.0	35.6

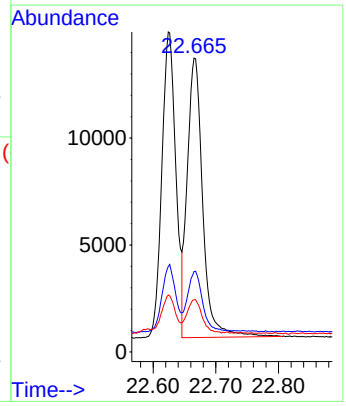




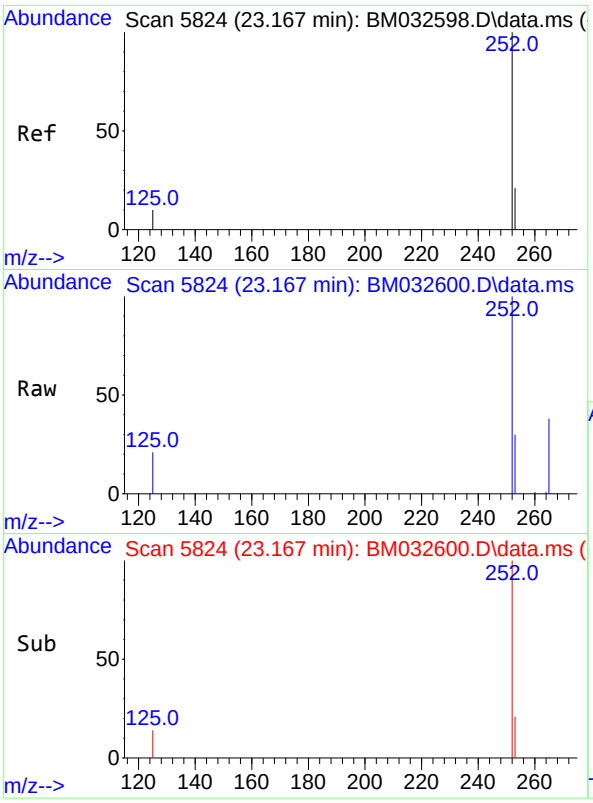
#25
Benzo(k)fluoranthene
Concen: 0.49 ng/ul
RT: 22.665 min Scan# 5617
Delta R.T. -0.002 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:252 Resp: 22353

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.8	32.6
125	17.8	14.4	21.6



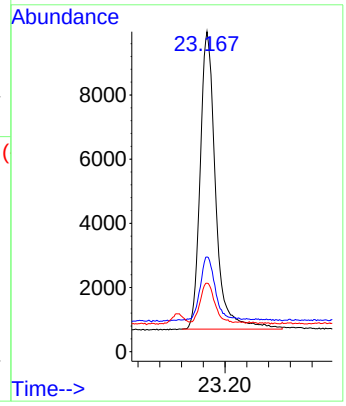
Instrument :
BNA_M
ClientSampleId :
SLCS925

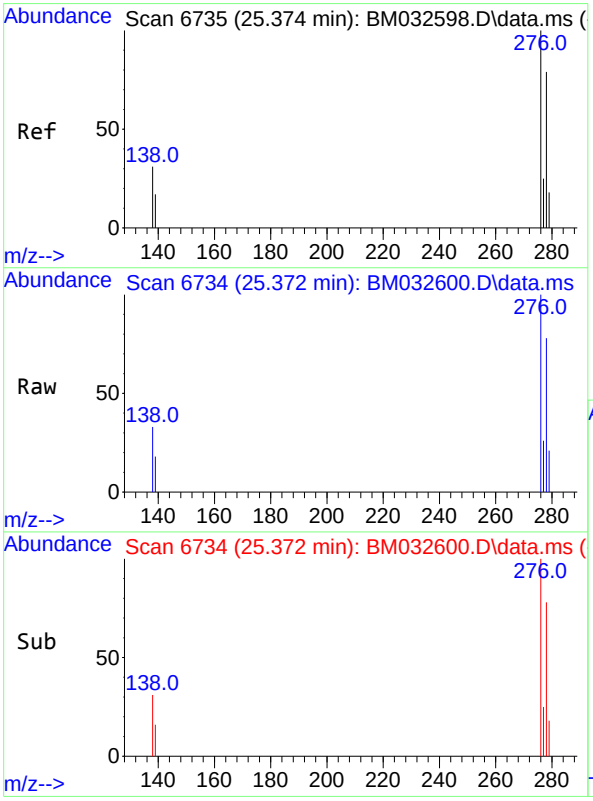


#26
Benzo(a)pyrene
Concen: 0.48 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.002 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:252 Resp: 18246

Ion	Ratio	Lower	Upper
252	100		
253	29.6	23.6	35.4
125	21.4	17.1	25.7

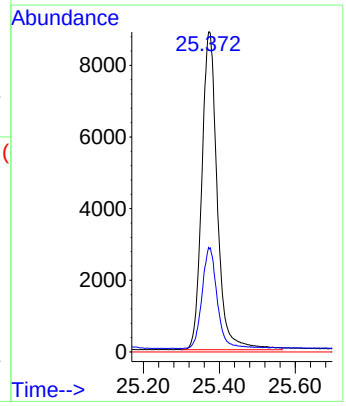




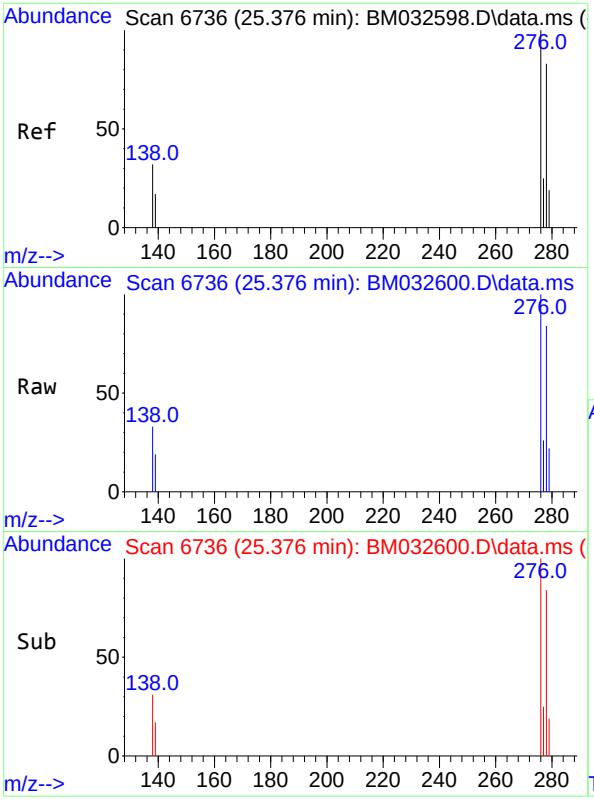
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.54 ng/ul
RT: 25.372 min Scan# 6734
Delta R.T. -0.007 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:276 Resp: 25074

Ion	Ratio	Lower	Upper
276	100		
138	31.3	24.9	37.3
227	0.0	0.0	0.0



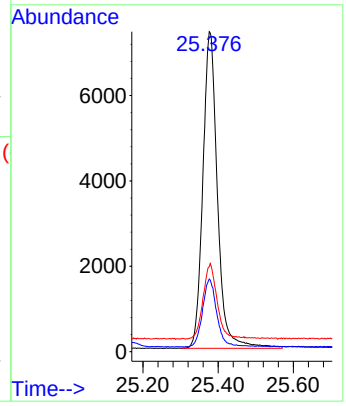
Instrument :
BNA_M
ClientSampleId :
SLCS925

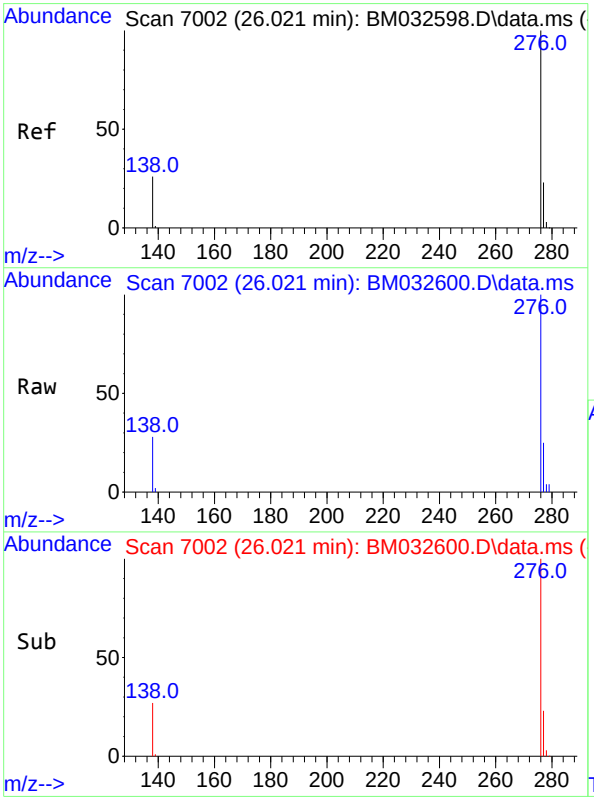


#28
Dibenzo(a,h)anthracene
Concen: 0.54 ng/ul
RT: 25.376 min Scan# 6736
Delta R.T. -0.007 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:278 Resp: 20000

Ion	Ratio	Lower	Upper
278	100		
139	22.7	18.6	28.0
279	26.5	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.55 ng/ul
RT: 26.021 min Scan# 7002
Delta R.T. -0.005 min
Lab File: BM032600.D
Acq: 20 Oct 2021 01:24

Tgt Ion:276 Resp: 22379

Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	33.8
277	24.7	19.9	29.9