Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032210.D
Acq On : 27 Sep 2021 18:15
Operator : CG/JU
Sample : PB139358BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS358

Quant Time: Sep 27 18:46:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	7979	0.400	ng/ul	0.00
4) Naphthalene-d8	10.456	136	25093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.308	164	12080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.033	188	22119	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	13750	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	9832	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	5617	0.655	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.048	152	11453	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	16270	0.436	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.027	88	15702	1.779	ng/ul	90
5) Naphthalene	10.506	128	24796	0.333	ng/ul	100
7) 2-Methylnaphthalene	12.120	142	15747	0.330	ng/ul	99
8) 1-Methylnaphthalene	12.341	142	14929	0.321	ng/ul	100
10) Acenaphthylene	14.024	152	15706	0.324	ng/ul	99
11) Acenaphthene	14.369	153	15024	0.337	ng/ul	98
12) Fluorene	15.351	166	16444	0.325	ng/ul	100
14) Pentachlorophenol	16.700	266	3104	0.555	ng/ul	99
15) Phenanthrene	17.075	178	24060	0.334	ng/ul	100
16) Anthracene	17.165	178	19125	0.322	ng/ul	100
19) Fluoranthene	19.084	202	23424	0.408	ng/ul	99
20) Pyrene	19.442	202	23074	0.401	ng/ul	99
21) Benzo(a)anthracene	21.179	228	16472	0.339	ng/ul	99
22) Chrysene	21.230	228	19741	0.347	ng/ul	100
24) Benzo(b)fluoranthene	22.714	252	18066	0.354	ng/ul	91
25) Benzo(k)fluoranthene	22.755	252	17343	0.352	ng/ul#	89
26) Benzo(a)pyrene	23.264	252	13496	0.352	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.505	276	16942	0.346	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.510	278	13879	0.348	ng/ul	95
29) Benzo(g,h,i)perylene	26.162	276	16359	0.352	ng/ul	99

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

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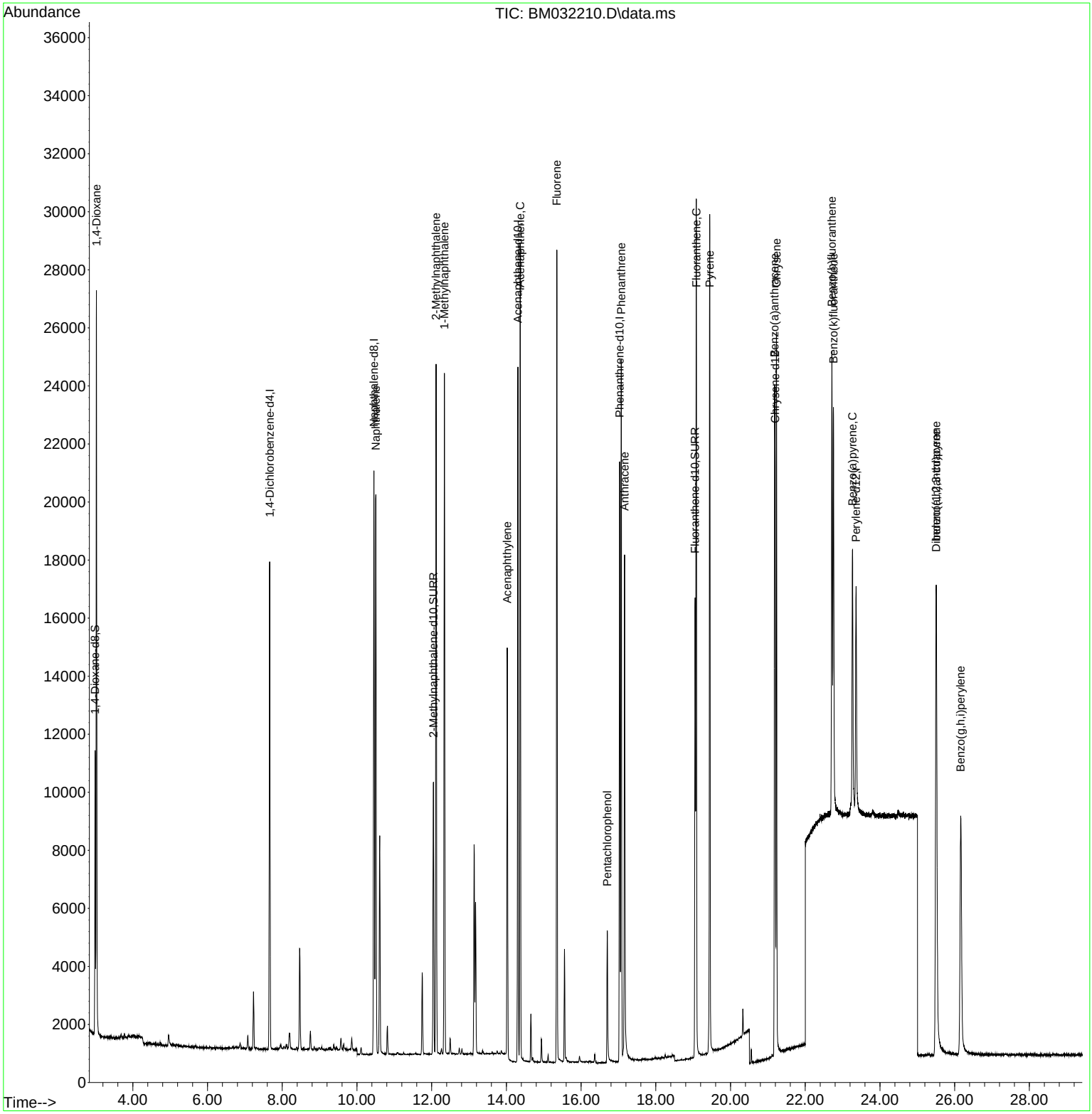
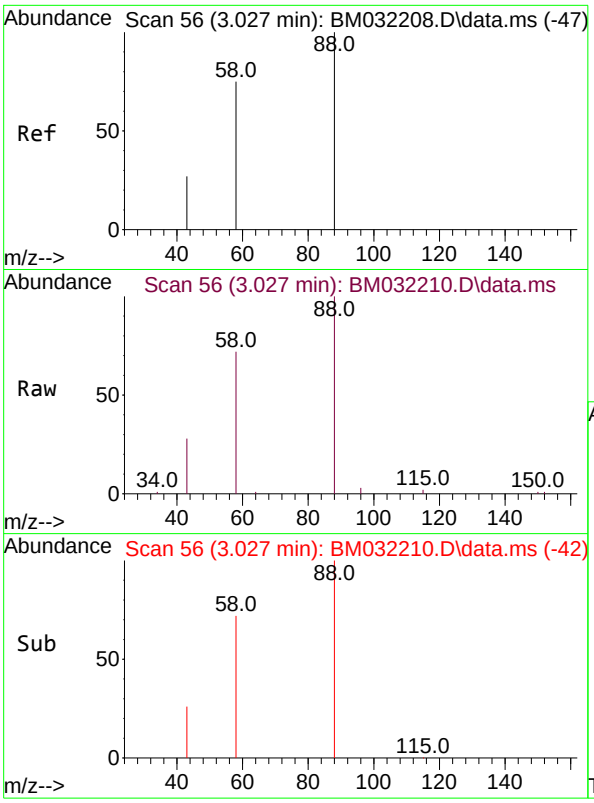
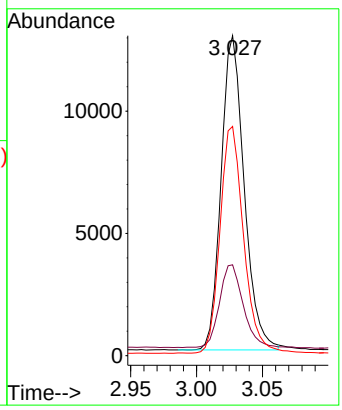




#2
1,4-Dioxane
Concen: 1.779 ng/ul
RT: 3.027 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion: 88 Resp: 15702

Ion	Ratio	Lower	Upper
88	100		
43	28.4	26.1	39.1
58	71.7	50.2	75.2



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BNA_M
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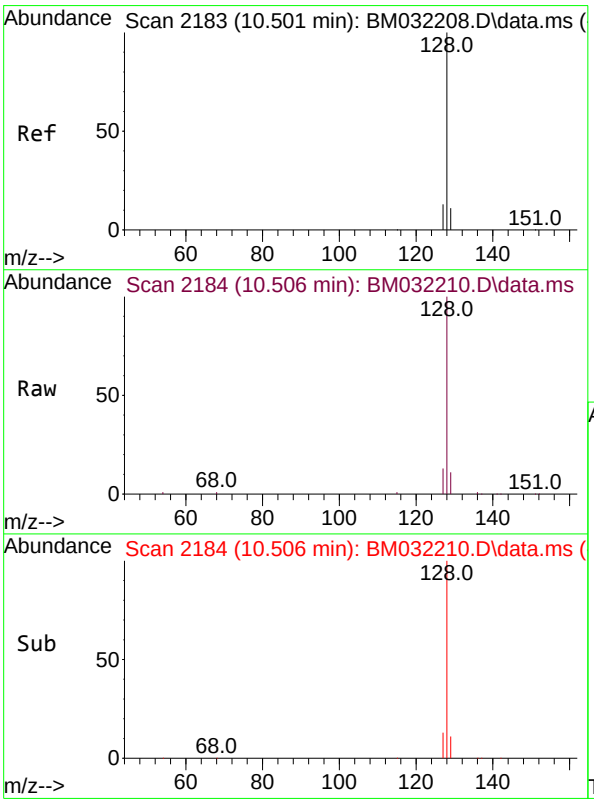
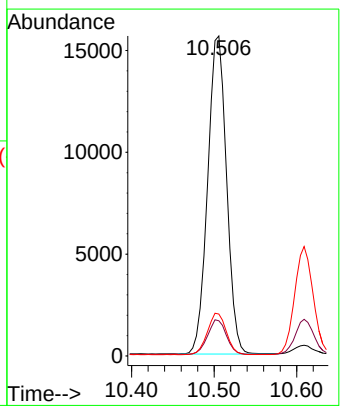


#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.506 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:128 Resp: 24796

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.5	15.7



Instrument :
BNA_M
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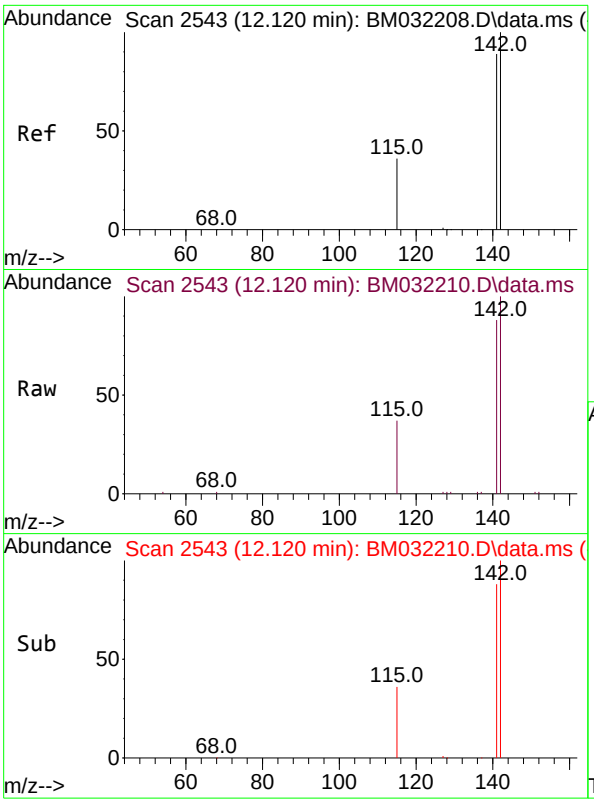
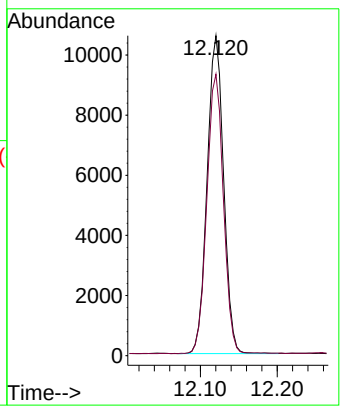
SLCS358

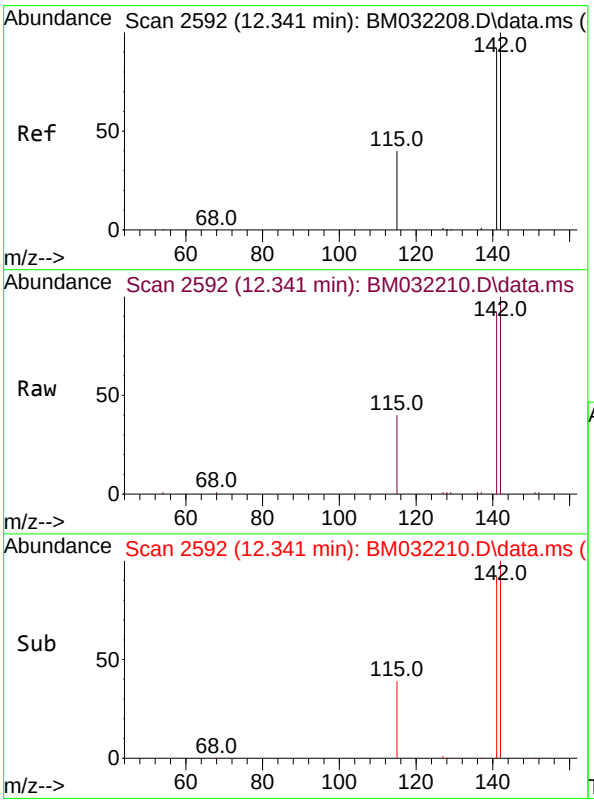


#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.120 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:142 Resp: 15747

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8

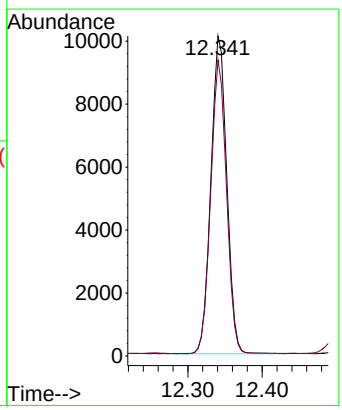




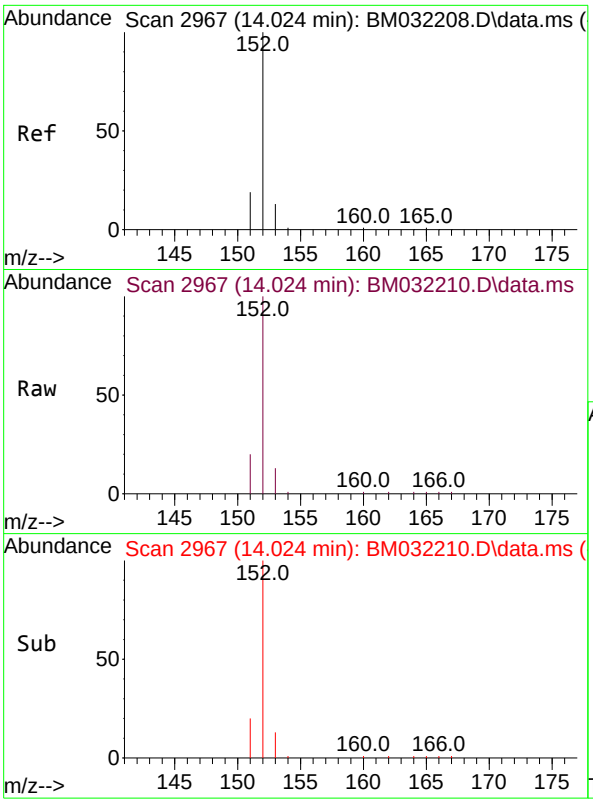
#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.341 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:142 Resp: 14929

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6



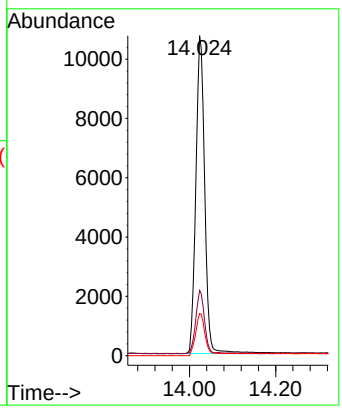
Instrument :
BNA_M
ClientSampleId :
SLCS358

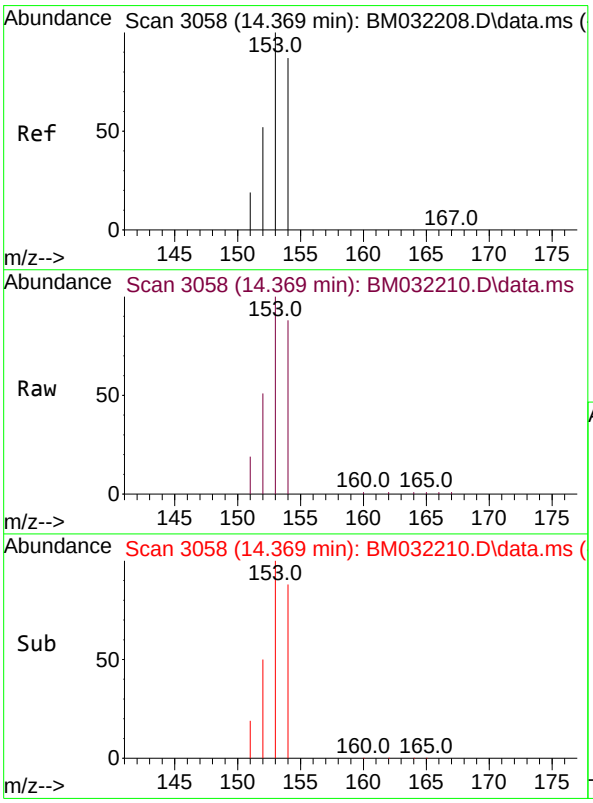


#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.024 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:152 Resp: 15706

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.2	10.7	16.1

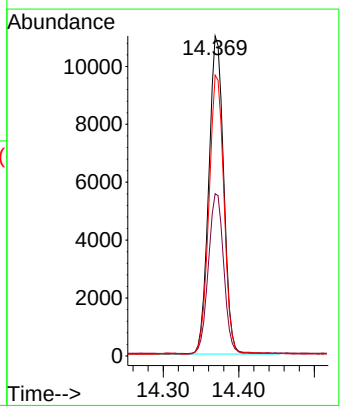




#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.369 min Scan# 3058
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:153 Resp: 15024

Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.6	62.4
154	87.8	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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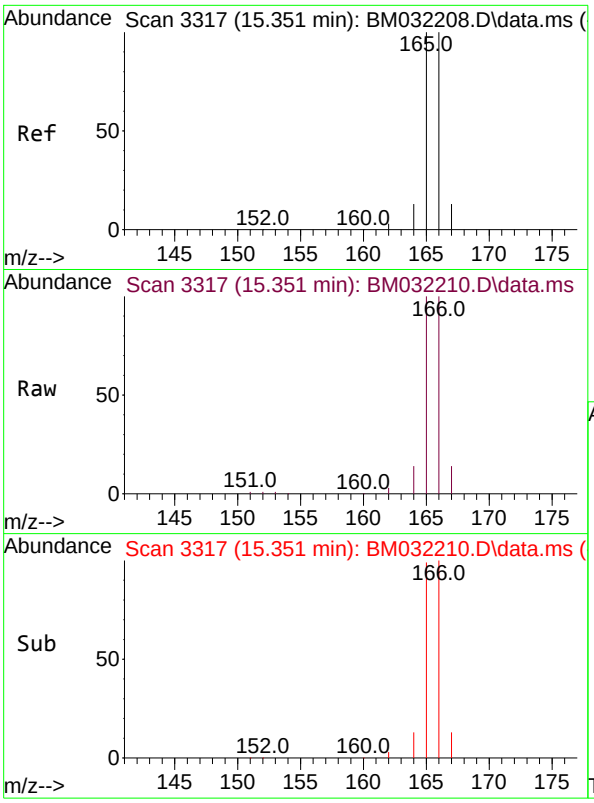
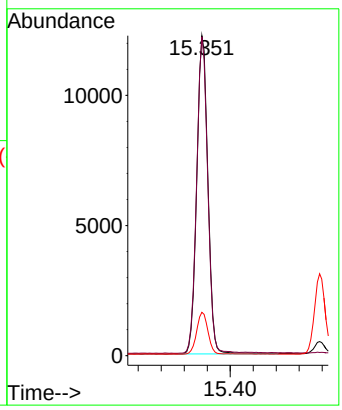
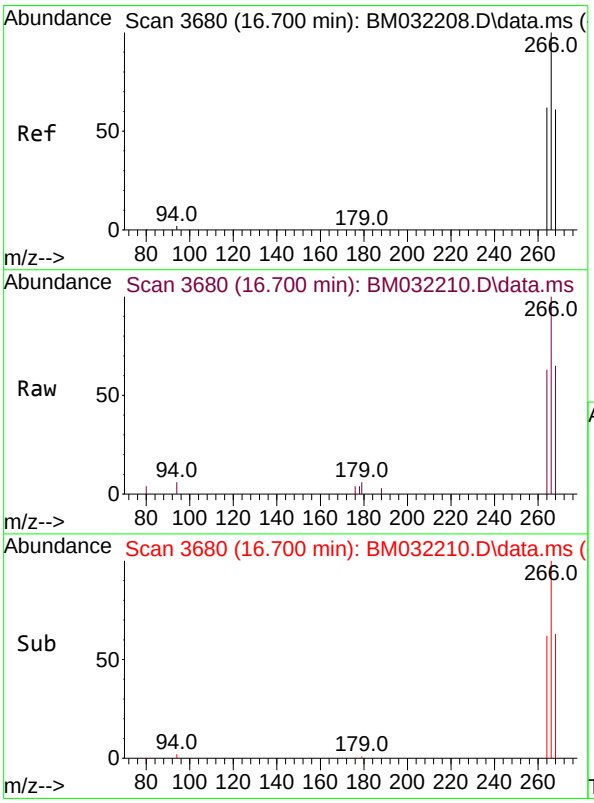


#12
Fluorene
Concen: 0.325 ng/ul
RT: 15.351 min Scan# 3317
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:166 Resp: 16444

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.2
167	13.6	10.8	16.2

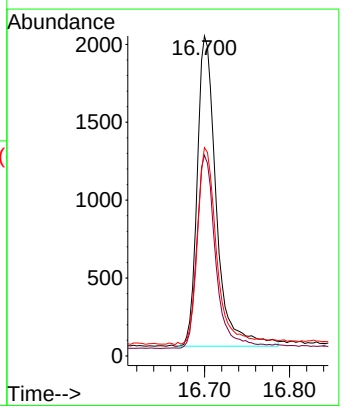




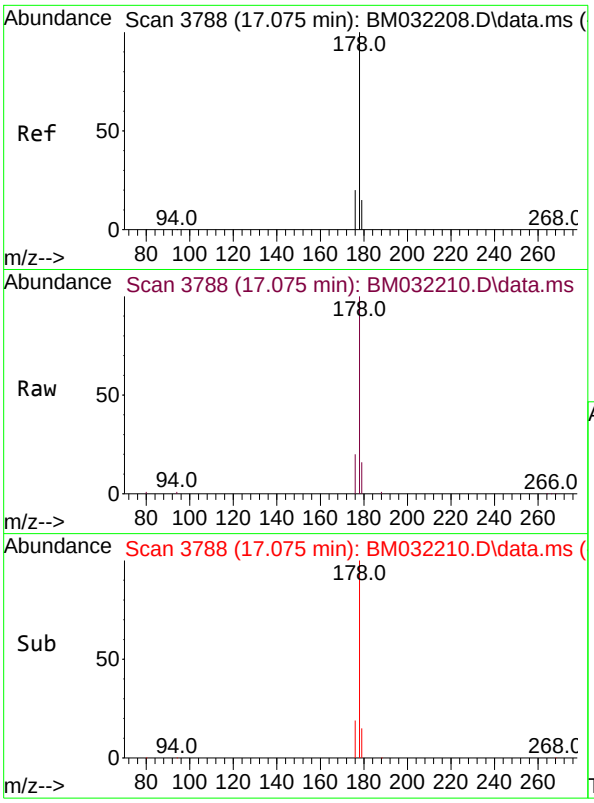
#14
Pentachlorophenol
Concen: 0.555 ng/ul
RT: 16.700 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:266 Resp: 3104

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.8	74.8
268	64.7	50.4	75.6



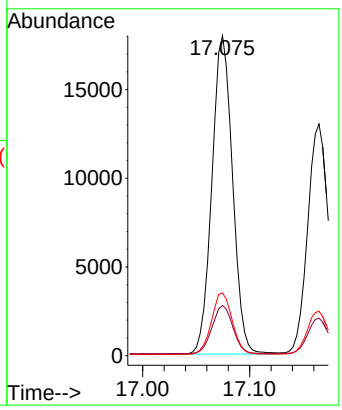
Instrument :
BNA_M
ClientSampleId :
SLCS358

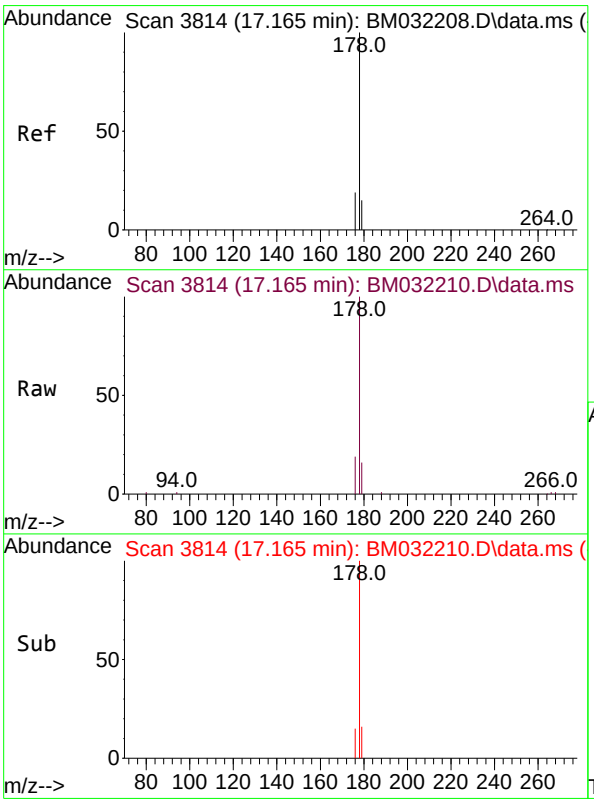


#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:178 Resp: 24060

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.6	15.8	23.6

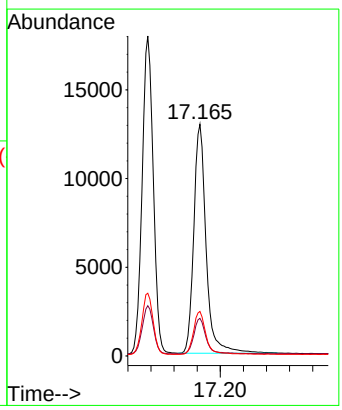




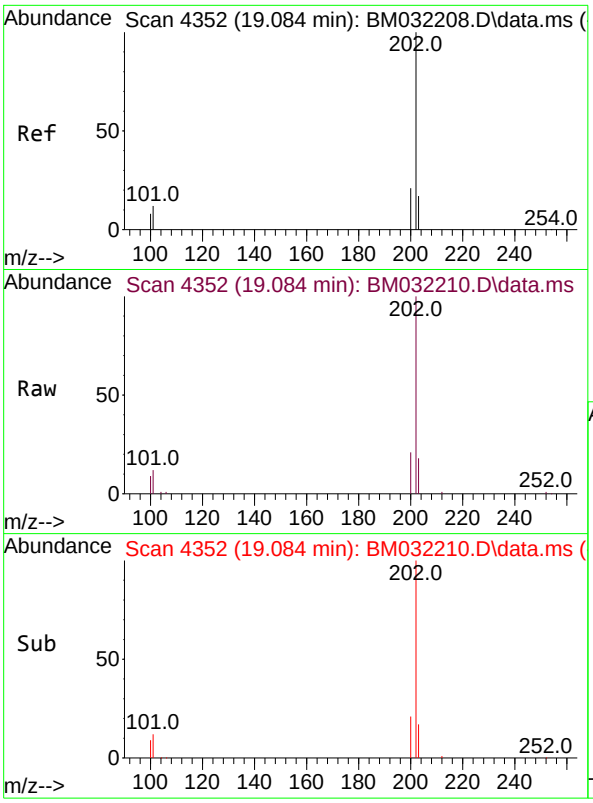
#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.165 min Scan# 3814
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:178 Resp: 19125

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.2	15.3	22.9



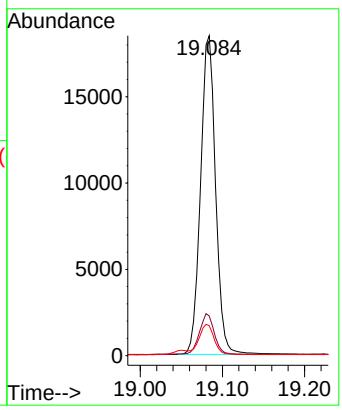
Instrument :
BNA_M
ClientSampleId :
SLCS358

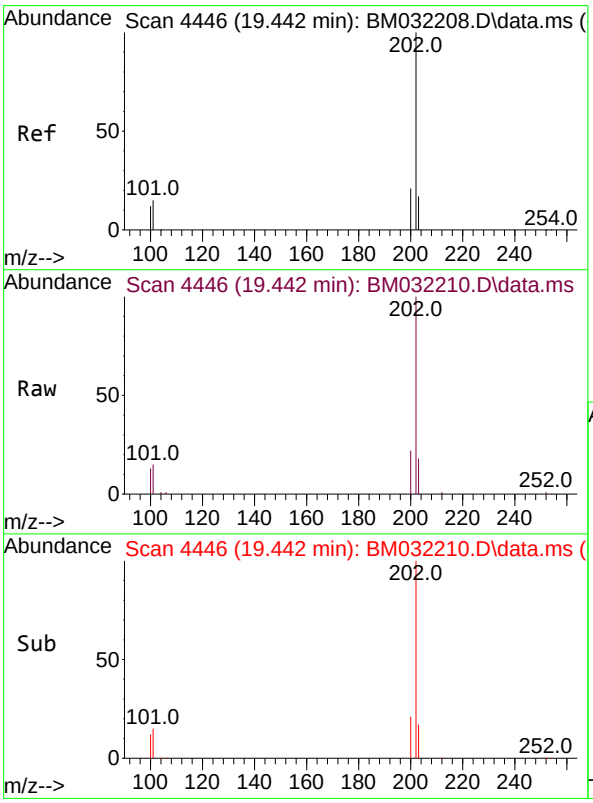


#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.084 min Scan# 4352
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:202 Resp: 23424

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.4	7.2	10.8

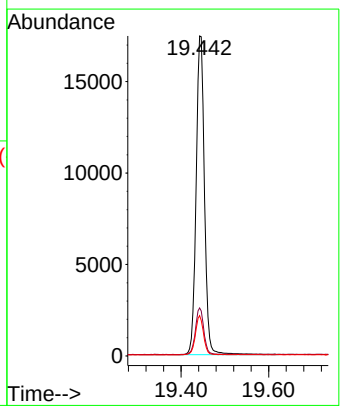




#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.442 min Scan# 4446
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:202 Resp: 23074

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.1	18.1
100	12.6	9.8	14.6



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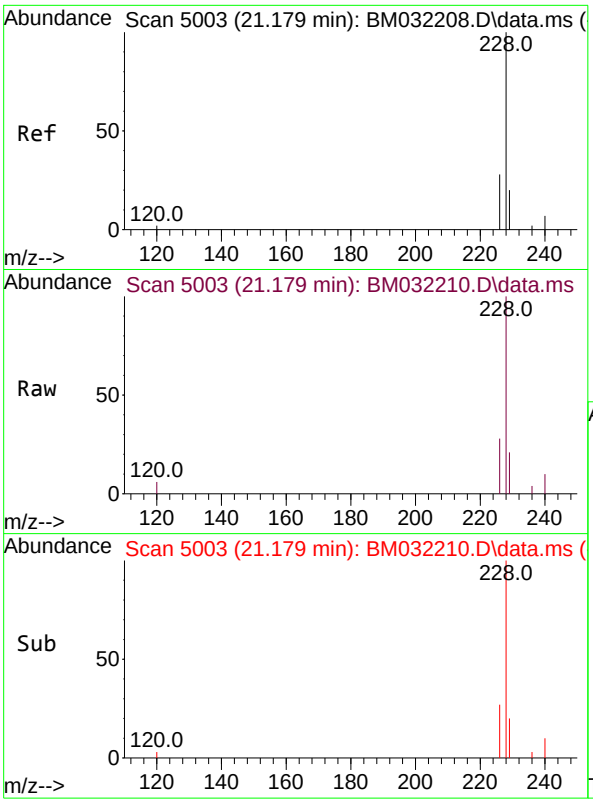
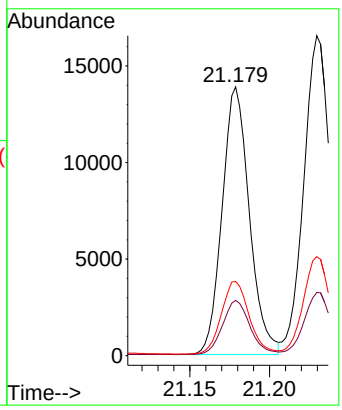
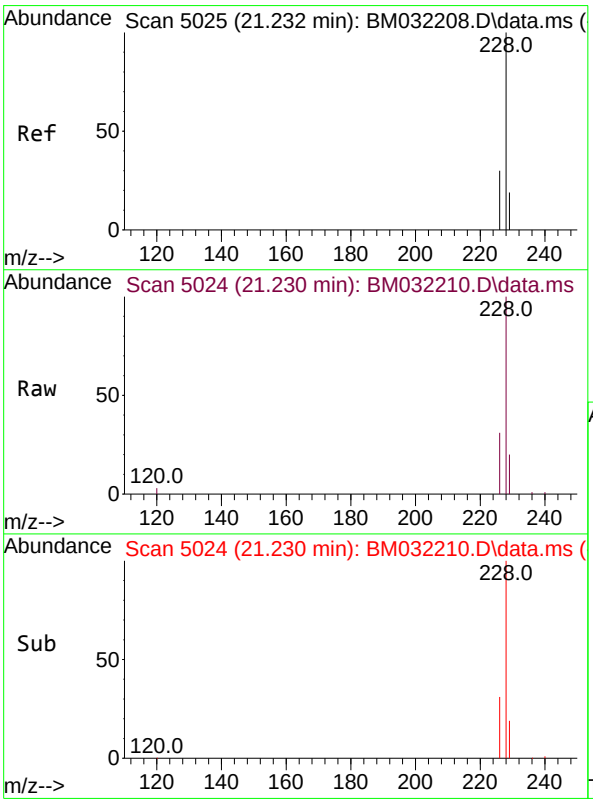


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.179 min Scan# 5003
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:228 Resp: 16472

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	27.6	22.3	33.5

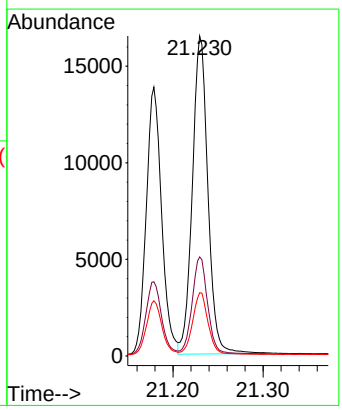




#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.230 min Scan# 5024
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:228 Resp: 19741

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.7	15.6	23.4



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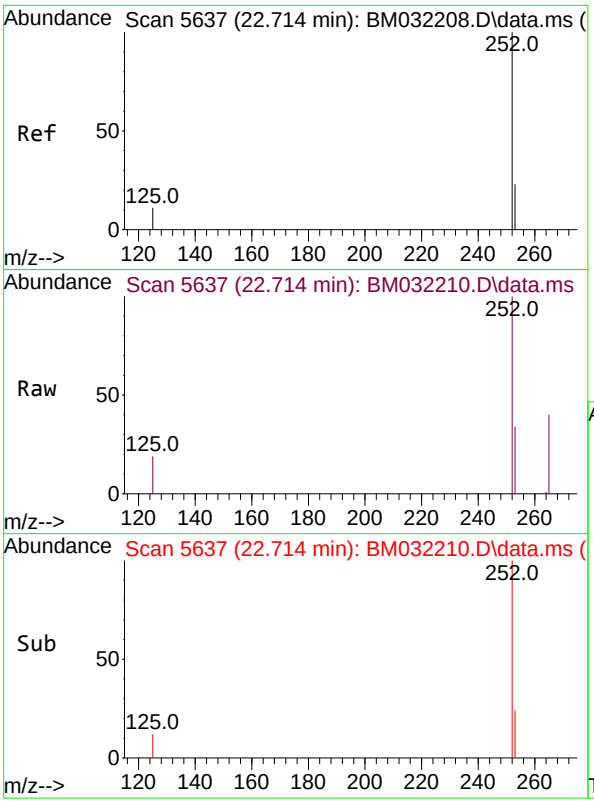
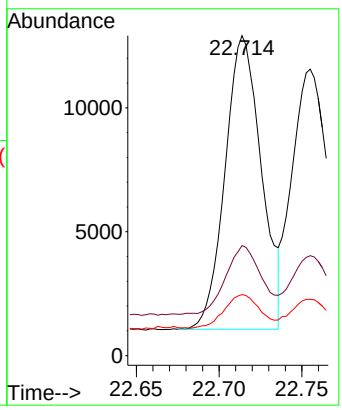
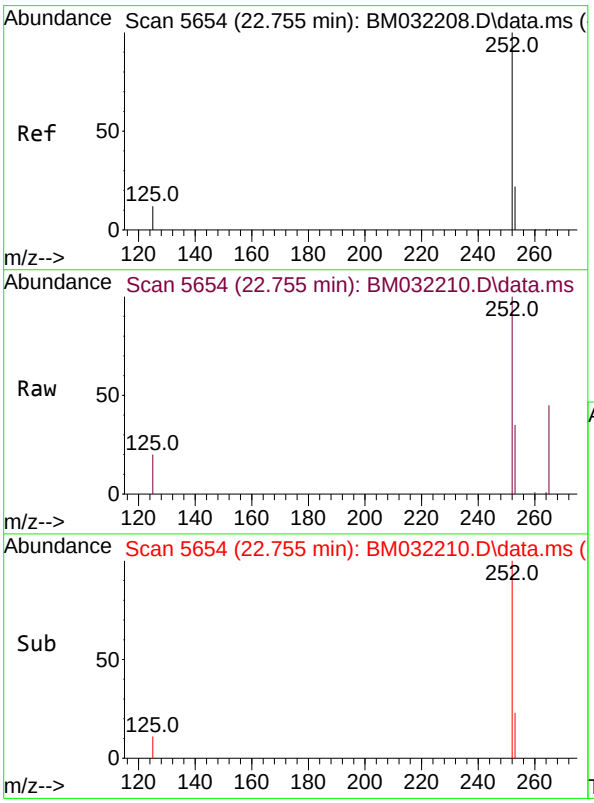


#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 22.714 min Scan# 5637
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:252 Resp: 18066

Ion	Ratio	Lower	Upper
252	100		
253	34.4	0.0	58.0
125	19.1	0.0	31.4

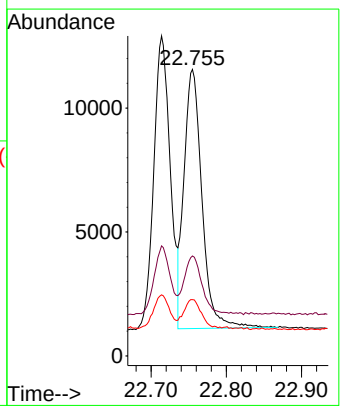




#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 22.755 min Scan# 5654
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:252 Resp: 17343

Ion	Ratio	Lower	Upper
252	100		
253	34.9	22.9	34.3#
125	19.7	12.9	19.3#



Instrument :
BNA_M
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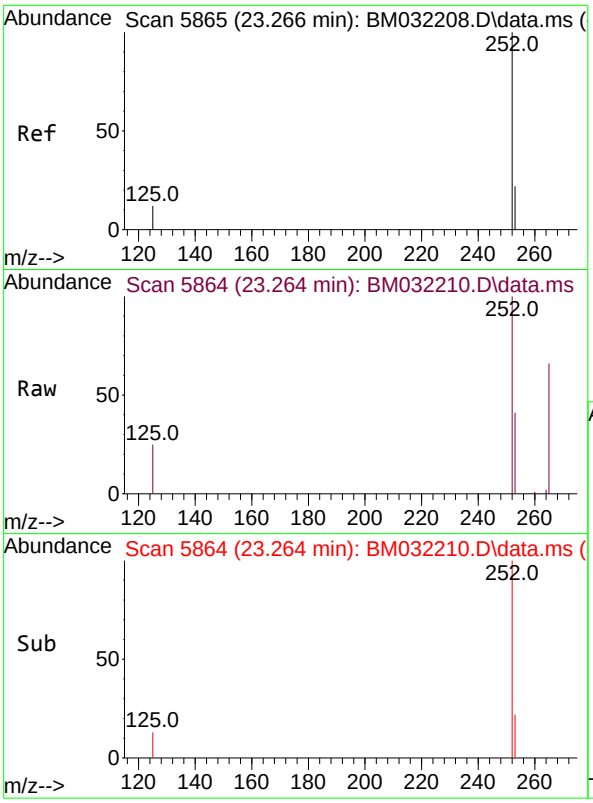
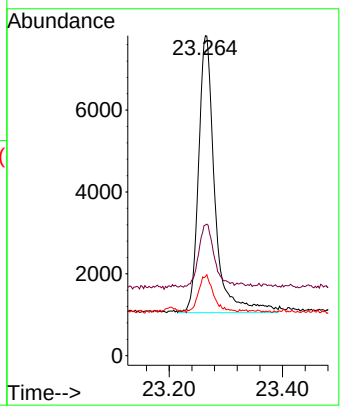
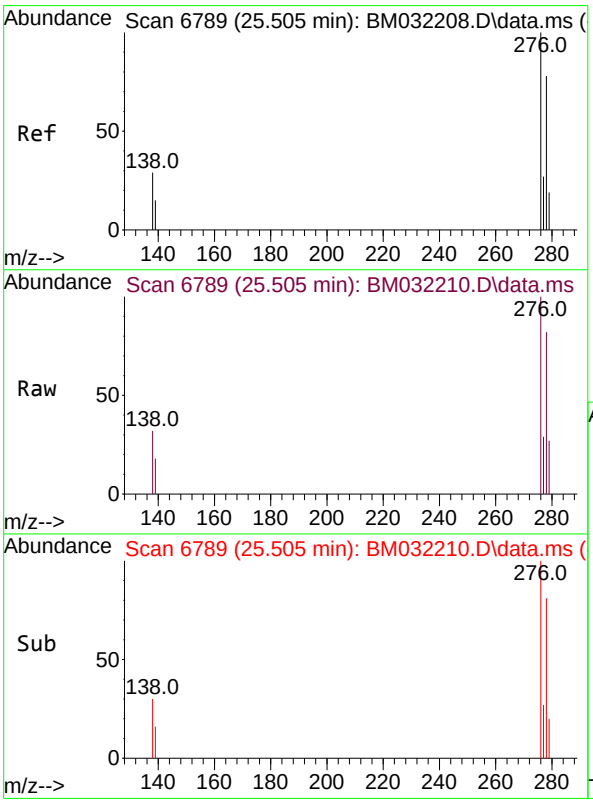


#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.264 min Scan# 5864
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:252 Resp: 13496

Ion	Ratio	Lower	Upper
252	100		
253	40.9	25.8	38.8#
125	24.7	15.4	23.2#

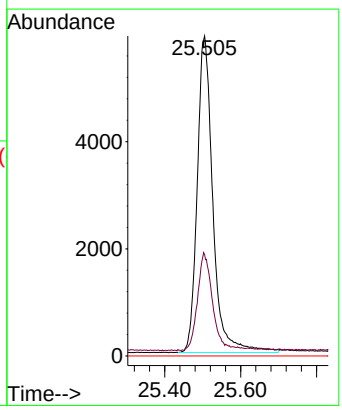




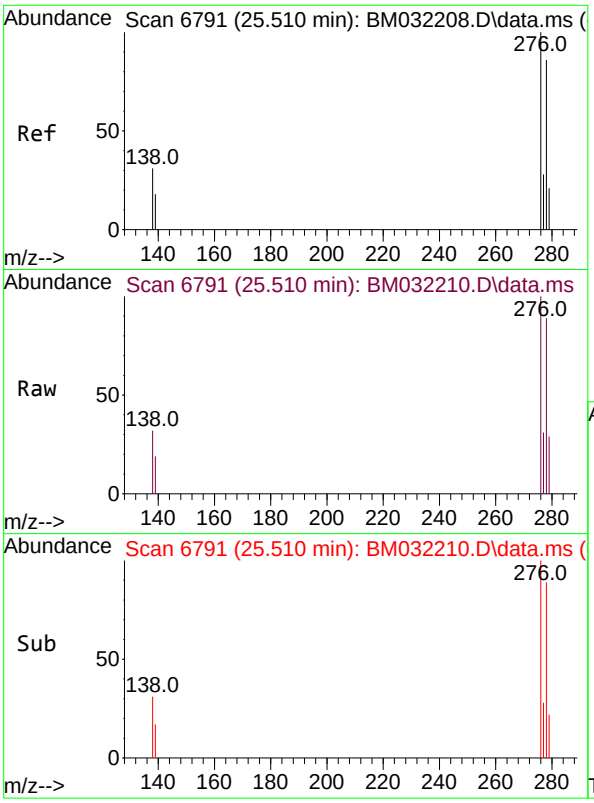
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 25.505 min Scan# 6789
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:276 Resp: 16942

Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.3	36.5
227	0.0	0.0	0.0



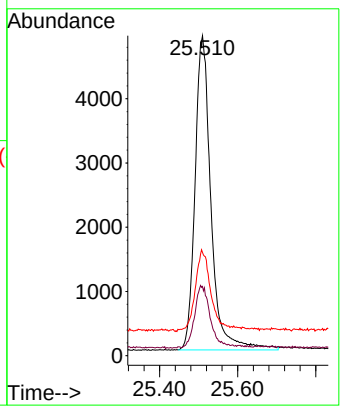
Instrument :
BNA_M
ClientSampleId :
SLCS358

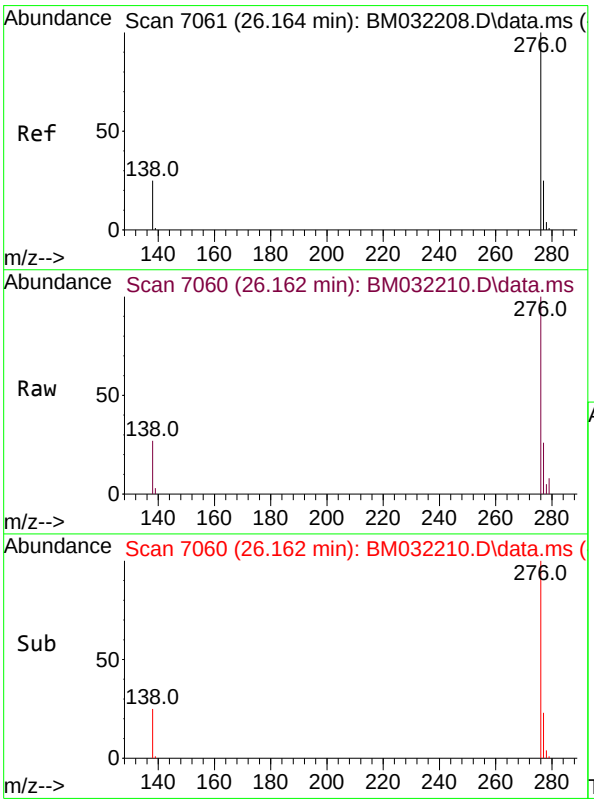


#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 25.510 min Scan# 6791
Delta R.T. 0.000 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:278 Resp: 13879

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	32.3	23.0	34.6





#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.162 min Scan# 7060
Delta R.T. -0.002 min
Lab File: BM032210.D
Acq: 27 Sep 2021 18:15

Tgt Ion:276 Resp: 16359

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.4
277	25.5	19.8	29.8