Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
Data File : BM038345.D
Acq On : 29 Dec 2022 16:14
Operator : CG/JU
Sample : SSTD3.221
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Quant Time: Dec 30 01:30:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 01:28:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	1459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	4142	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	2472	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	5490	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	6314	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	6568	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6996	4.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	21345	3.501	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	57241	2.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	7235	4.969	ng/ul	86
5) Naphthalene	10.873	128	36934	3.043	ng/ul	97
7) 2-Methylnaphthalene	12.473	142	23766	3.147	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	25101	3.252	ng/ul	98
10) Acenaphthylene	14.361	152	39160	2.870	ng/ul	96
11) Acenaphthene	14.698	153	28566	2.933	ng/ul	99
12) Fluorene	15.684	166	33437	3.166	ng/ul	99
14) Pentachlorophenol	17.033	266	7471	2.732	ng/ul	97
15) Phenanthrene	17.422	178	53110	2.891	ng/ul	97
16) Anthracene	17.510	178	52839	2.995	ng/ul	97
19) Fluoranthene	19.431	202	70448	2.037	ng/ul	96
20) Pyrene	19.794	202	73832	2.112	ng/ul	97
21) Benzo(a)anthracene	21.533	228	72425	2.615	ng/ul	99
22) Chrysene	21.588	228	72814	2.701	ng/ul	98
24) Benzo(b)fluoranthene	23.237	252	83625	2.876	ng/ul	86
25) Benzo(k)fluoranthene	23.287	252	80829	2.894	ng/ul#	85
26) Benzo(a)pyrene	23.877	252	74562	2.939	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.525	276	106305	3.022	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.535	278	85317	3.121	ng/ul#	88
29) Benzo(g,h,i)perylene	27.303	276	91655	3.096	ng/ul	96

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

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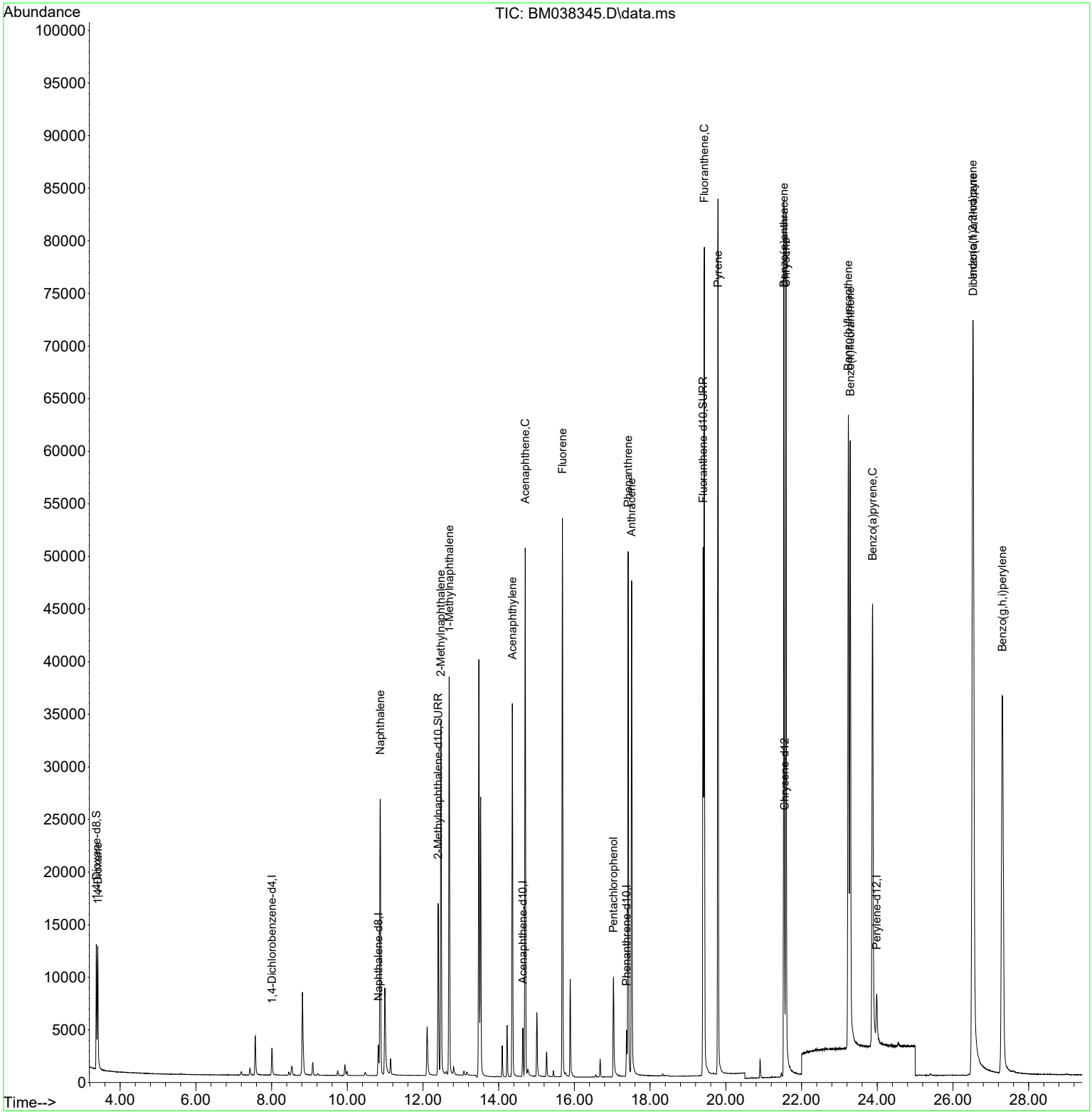
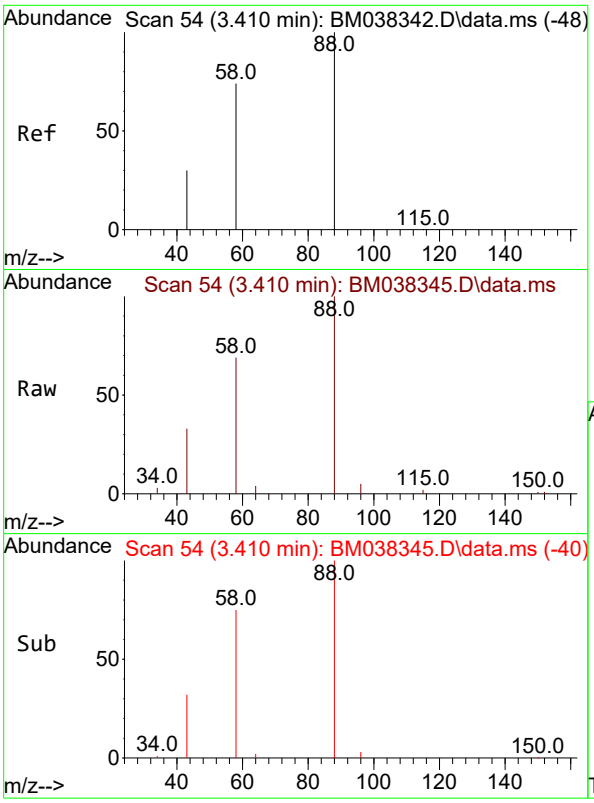


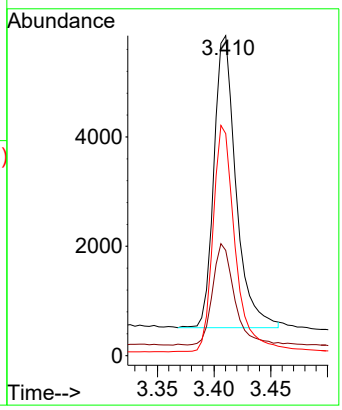


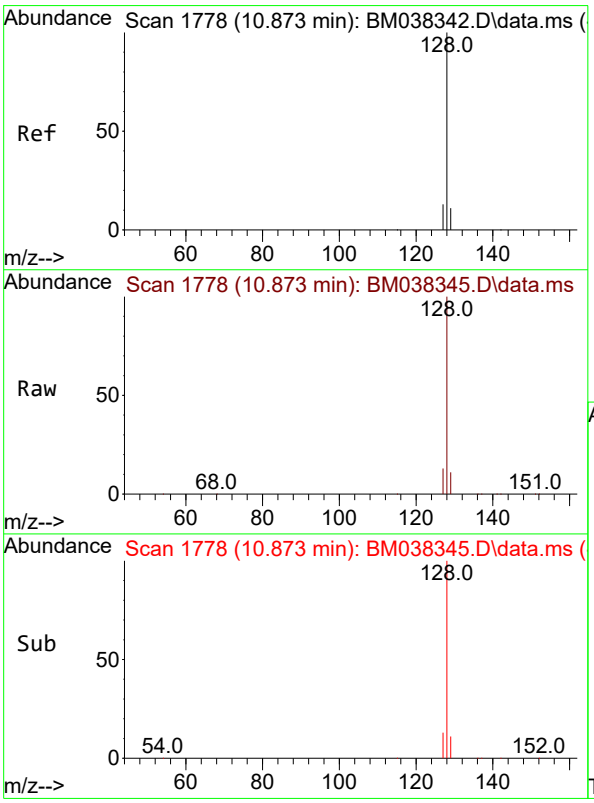
#2
1,4-Dioxane
Concen: 4.969 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.000 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion: 88 Resp: 7235

Ion	Ratio	Lower	Upper
88	100		
43	32.9	32.6	49.0
58	69.4	46.6	69.8

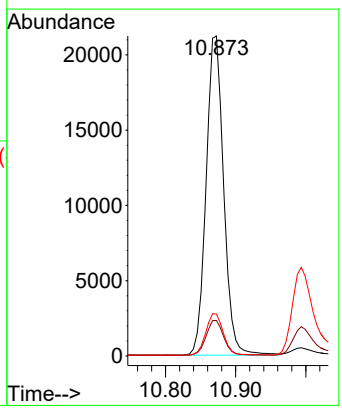


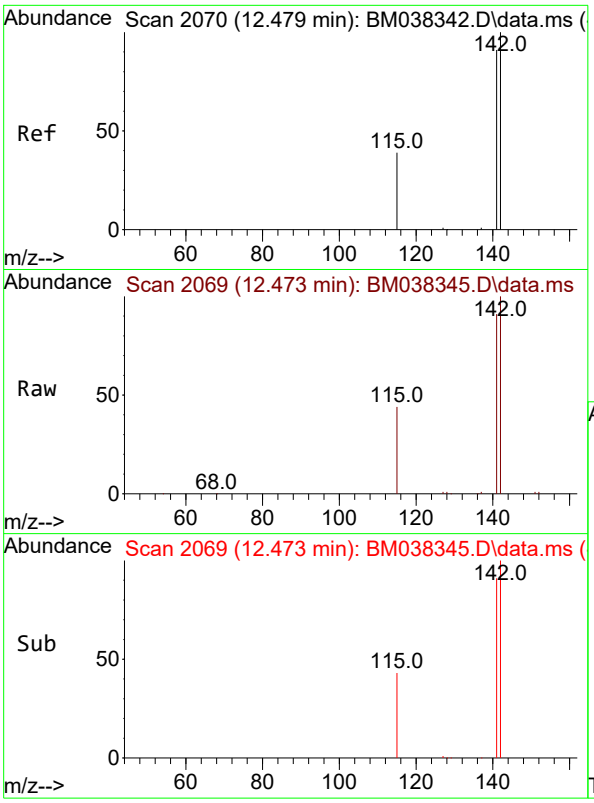


#5
Naphthalene
Concen: 3.043 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:128 Resp: 36934

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.2	15.2
127	13.1	11.4	17.2



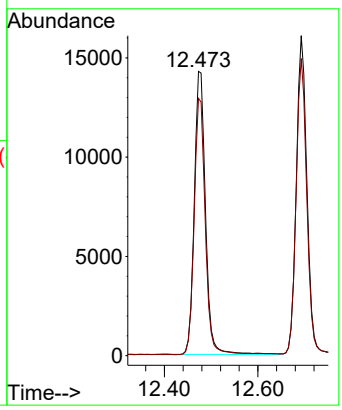


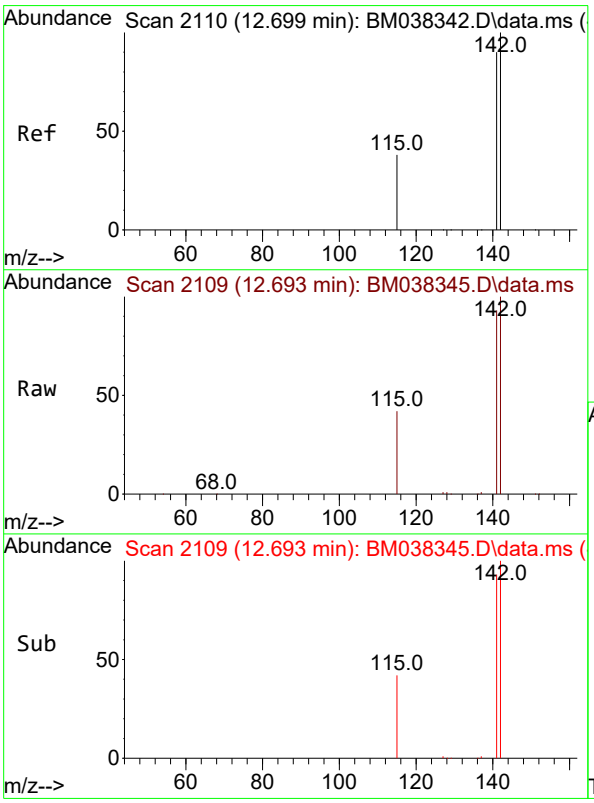
#7
2-Methylnaphthalene
Concen: 3.147 ng/ul
RT: 12.473 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:142 Resp: 23766

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.2	106.8

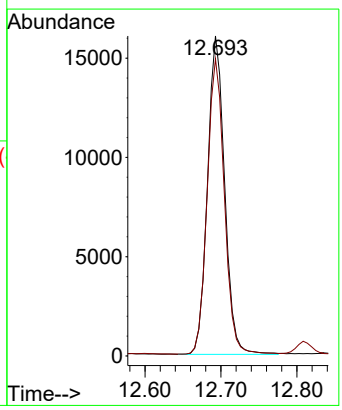


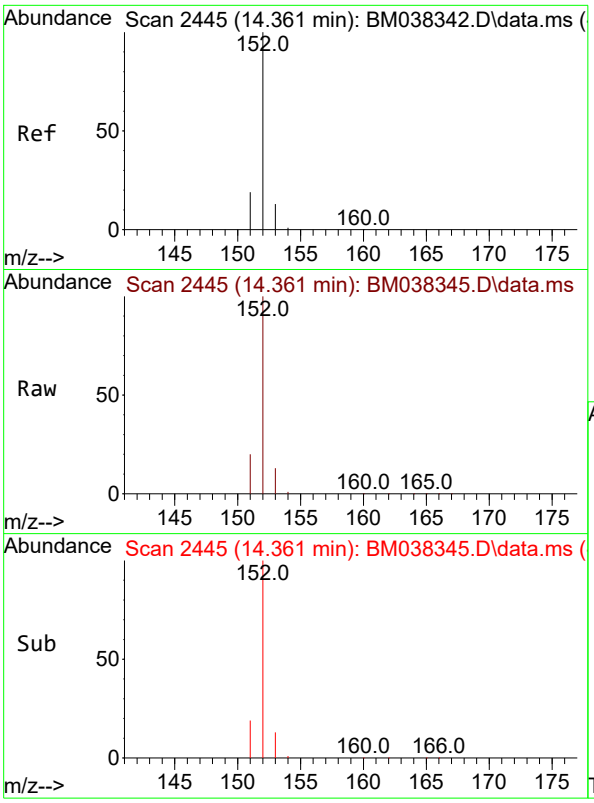


#8
1-Methylnaphthalene
Concen: 3.252 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:142 Resp: 25101

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.2	109.8



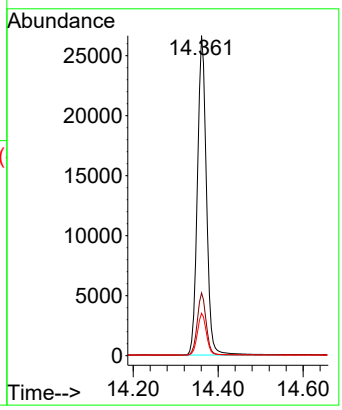


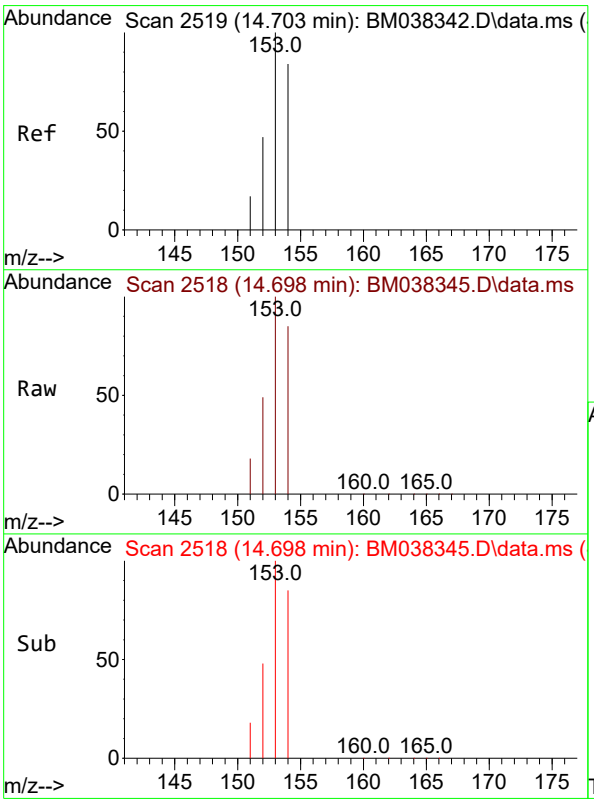
#10
Acenaphthylene
Concen: 2.870 ng/ul
RT: 14.361 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:152 Resp: 39160

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.0	25.4
153	13.3	12.0	18.0

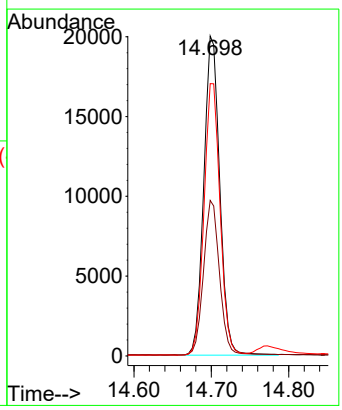


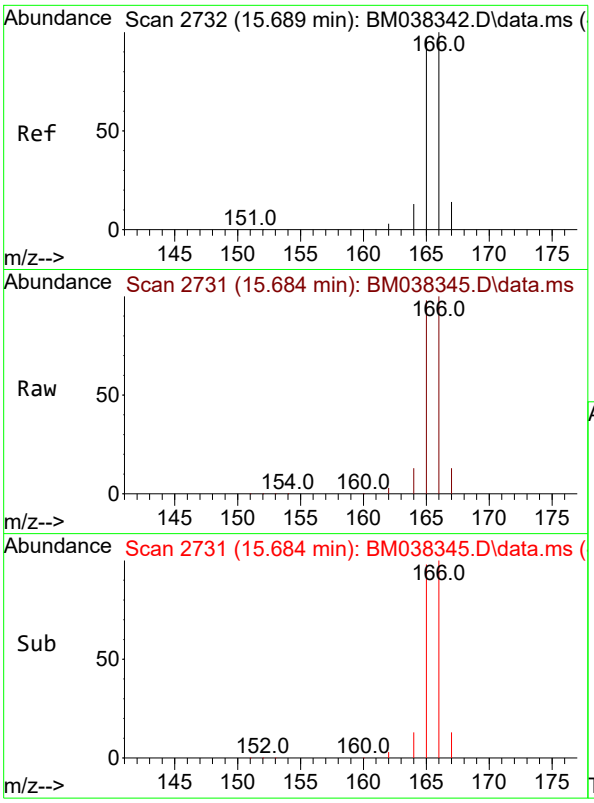


#11
Acenaphthene
Concen: 2.933 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:153 Resp: 28566

Ion	Ratio	Lower	Upper
153	100		
152	48.6	38.8	58.2
154	85.1	67.3	100.9



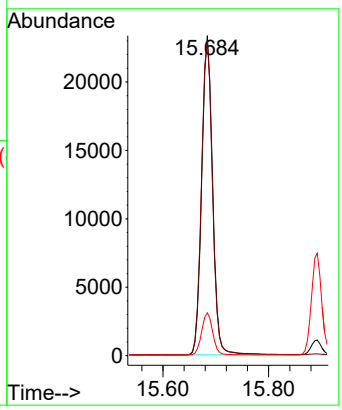


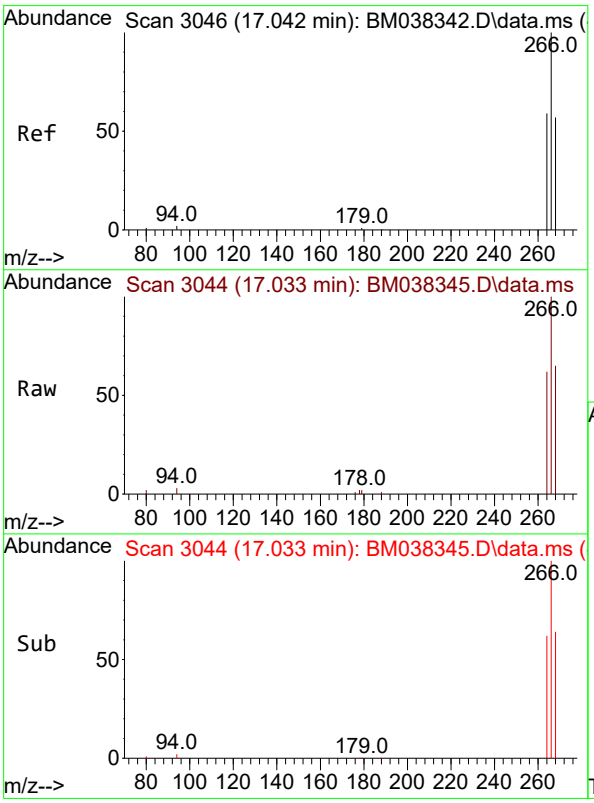
#12
Fluorene
Concen: 3.166 ng/ul
RT: 15.684 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:166 Resp: 33437

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	13.4	12.5	18.7

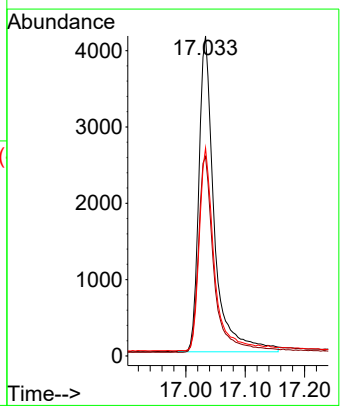


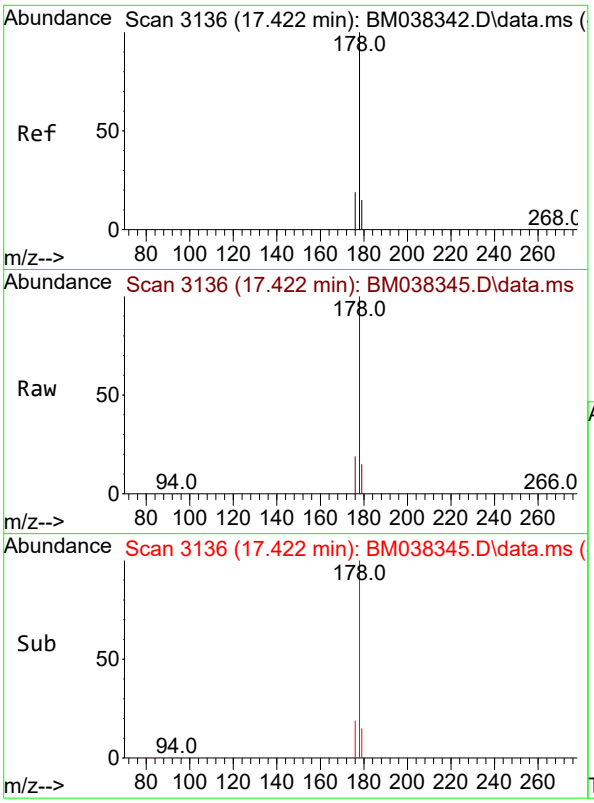


#14
Pentachlorophenol
Concen: 2.732 ng/ul
RT: 17.033 min Scan# 3044
Delta R.T. -0.009 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:266 Resp: 7471

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	63.8	48.2	72.2



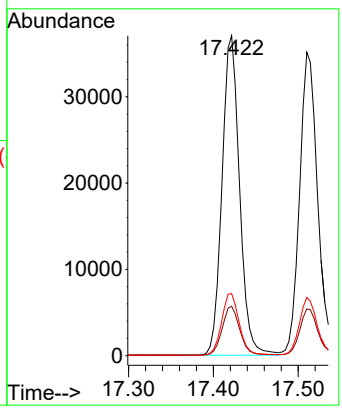


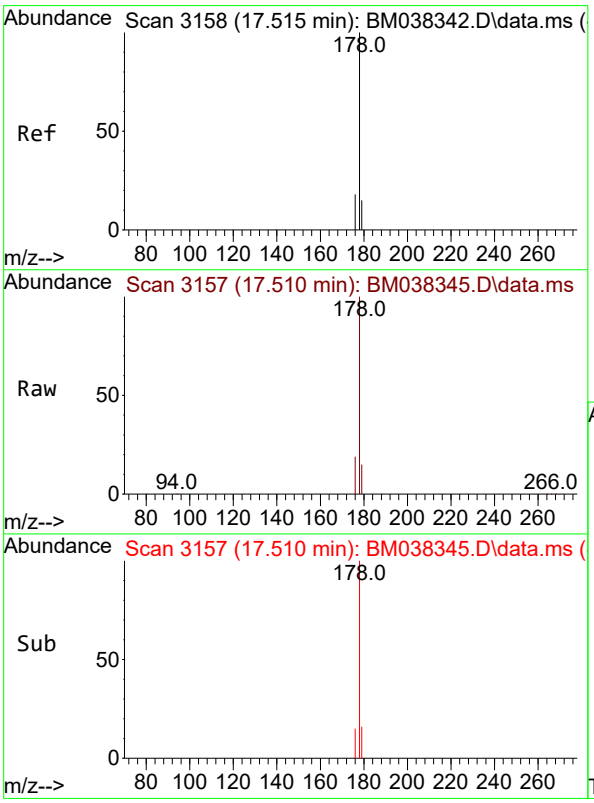
#15
Phenanthrene
Concen: 2.891 ng/ul
RT: 17.422 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:178 Resp: 53110

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.5	20.3
176	19.4	16.6	25.0

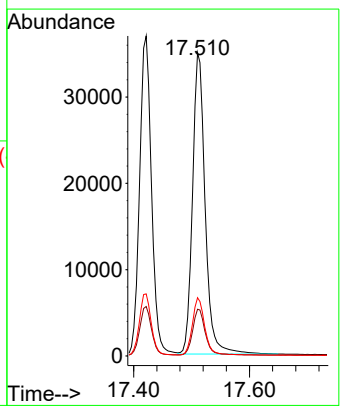


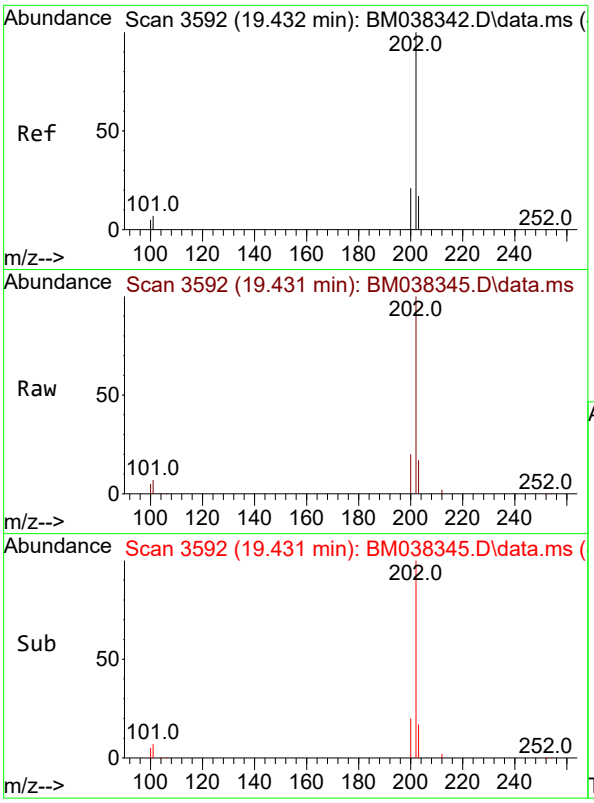


#16
Anthracene
Concen: 2.995 ng/ul
RT: 17.510 min Scan# 3157
Delta R.T. -0.005 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:178 Resp: 52839

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.2	15.8	23.8



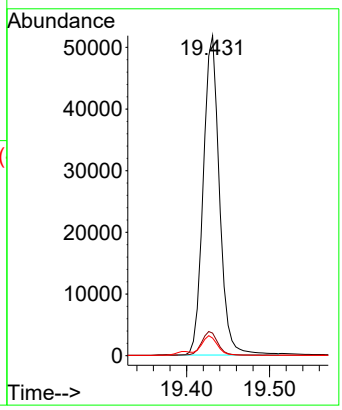


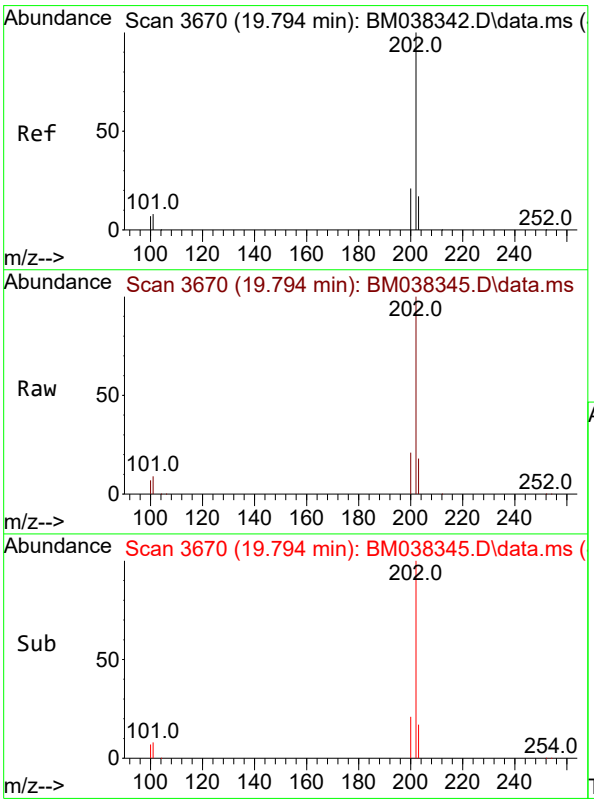
#19
Fluoranthene
Concen: 2.037 ng/ul
RT: 19.431 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:202 Resp: 70448

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.6	10.0
100	5.5	5.4	8.2

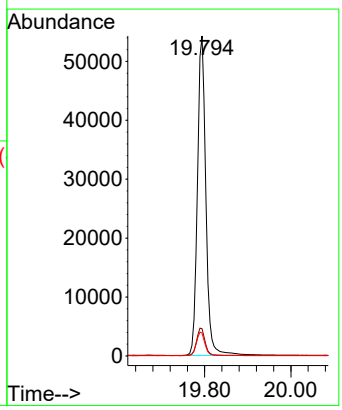


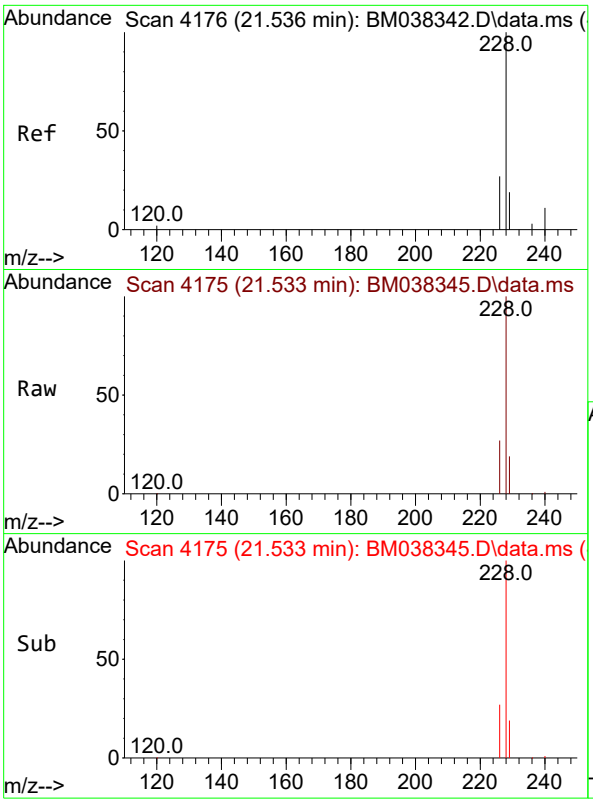


#20
Pyrene
Concen: 2.112 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:202 Resp: 73832

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.8	11.6
100	7.2	6.5	9.7



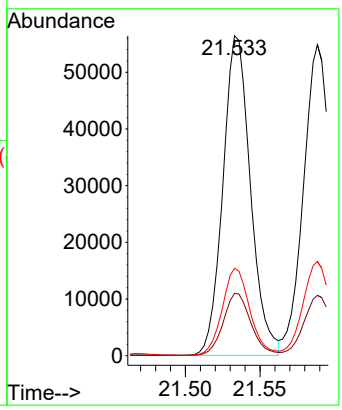


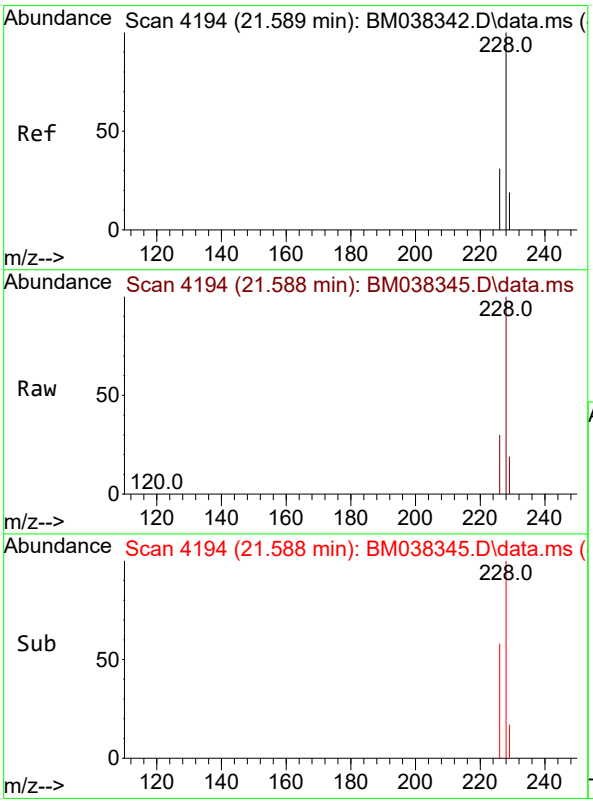
#21
Benzo(a)anthracene
Concen: 2.615 ng/ul
RT: 21.533 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:228 Resp: 72425

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.4	24.6
226	27.3	22.2	33.2

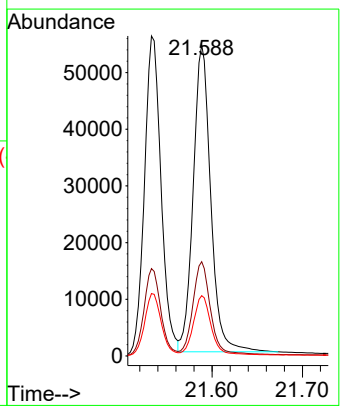


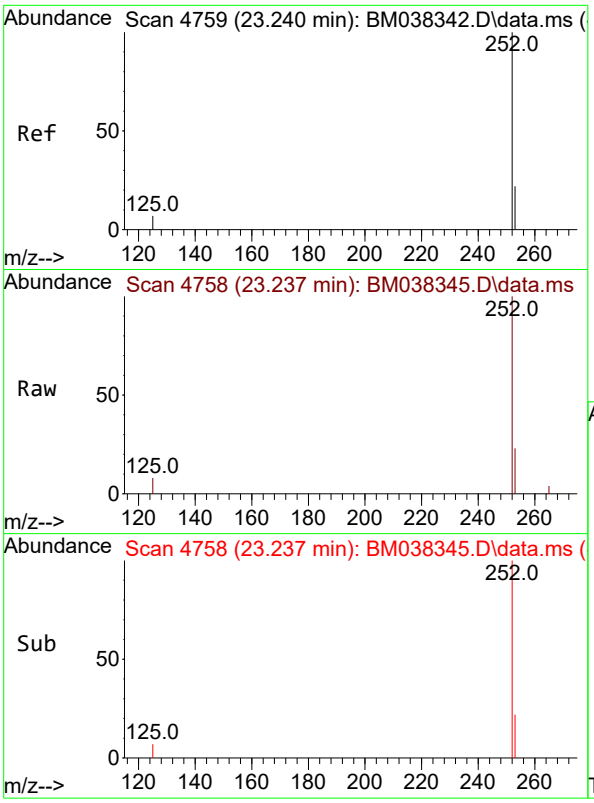


#22
Chrysene
Concen: 2.701 ng/ul
RT: 21.588 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:228 Resp: 72814

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	19.4	16.4	24.6



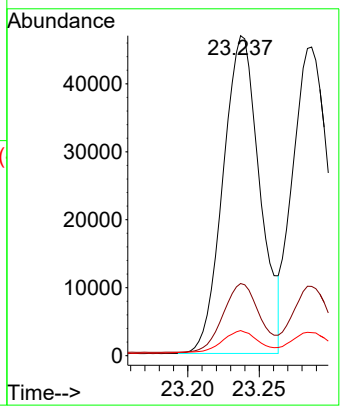


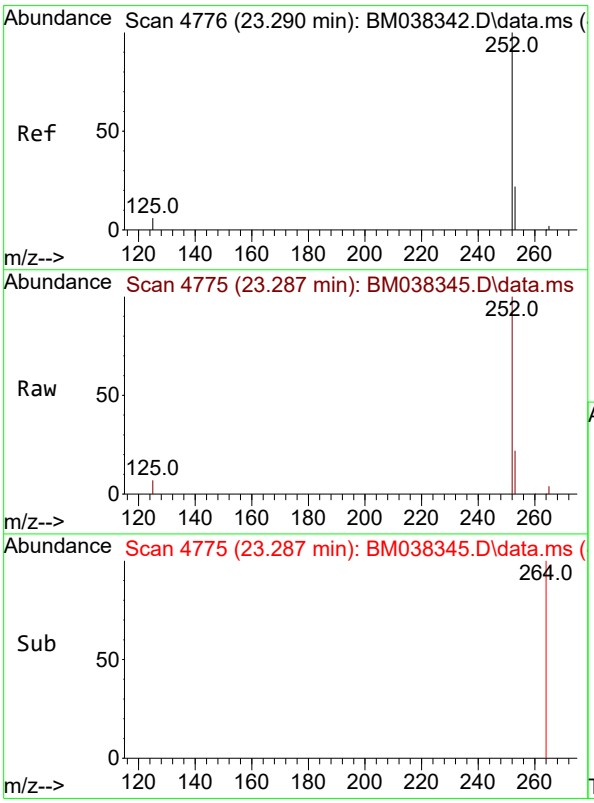
#24
Benzo(b)fluoranthene
Concen: 2.876 ng/ul
RT: 23.237 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:252 Resp: 83625

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	60.4
125	7.9	0.0	27.6

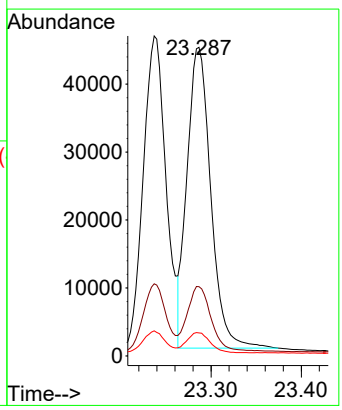


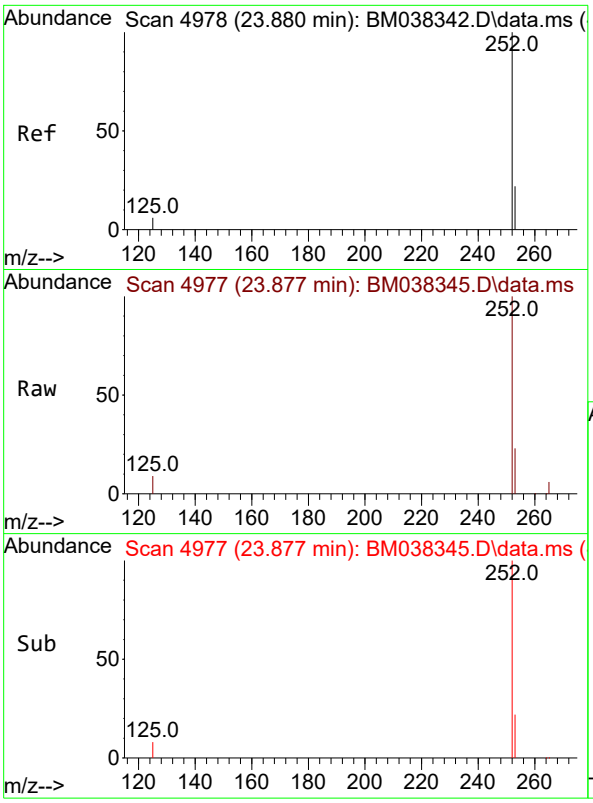


#25
Benzo(k)fluoranthene
Concen: 2.894 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:252 Resp: 80829

Ion	Ratio	Lower	Upper
252	100		
253	22.4	24.4	36.6#
125	7.5	10.7	16.1#



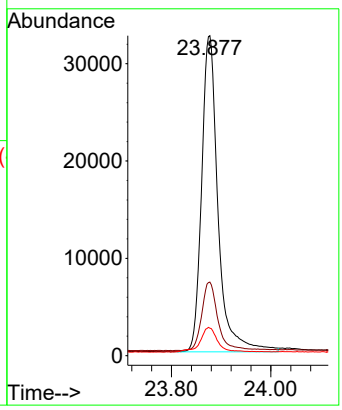


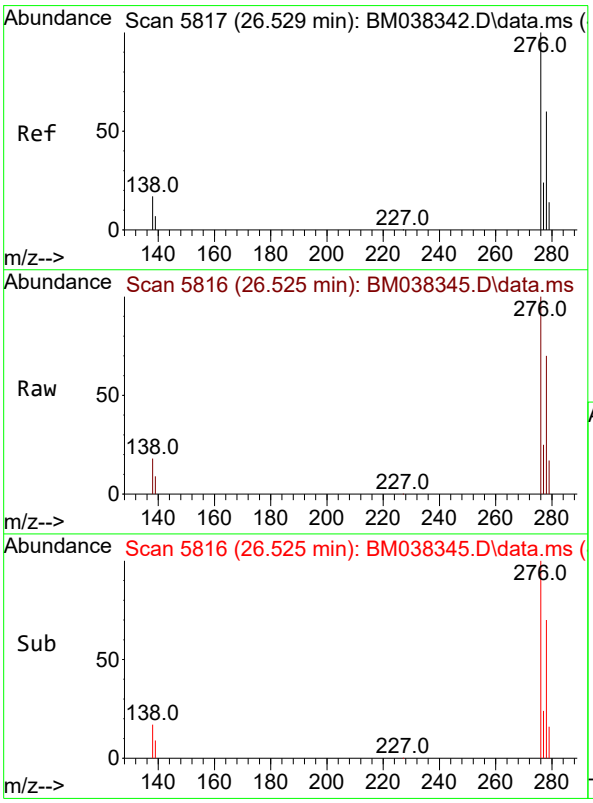
#26
Benzo(a)pyrene
Concen: 2.939 ng/ul
RT: 23.877 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:252 Resp: 74562

Ion	Ratio	Lower	Upper
252	100		
253	23.0	27.4	41.2#
125	8.6	13.8	20.8#

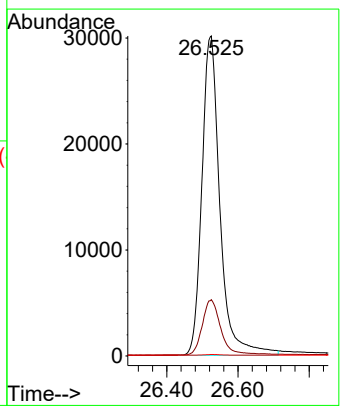


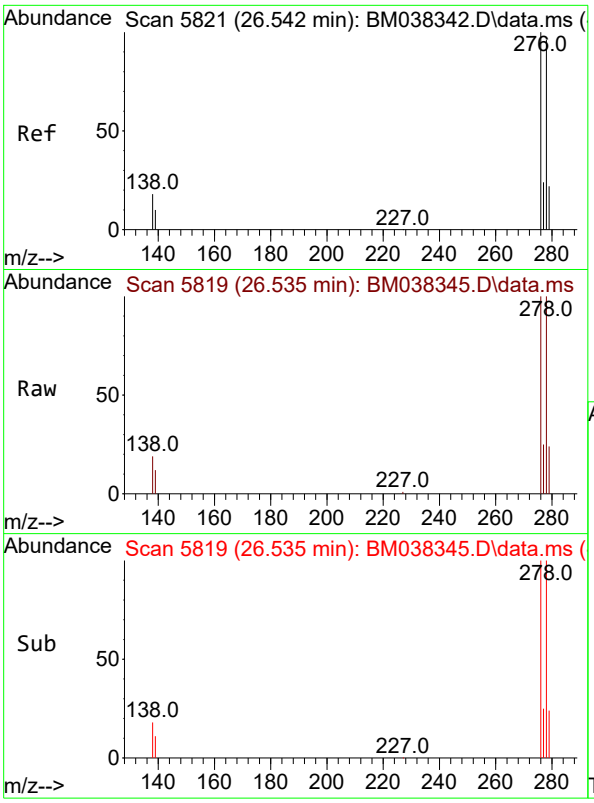


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.022 ng/ul
RT: 26.525 min Scan# 5816
Delta R.T. -0.004 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:276 Resp: 106305

Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.1	21.1
227	0.2	0.1	0.1#



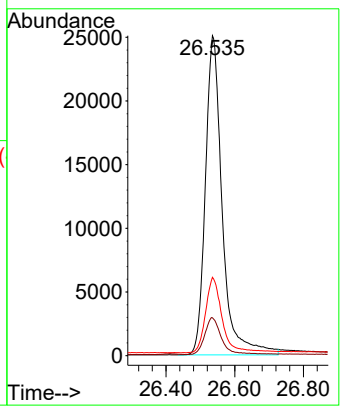


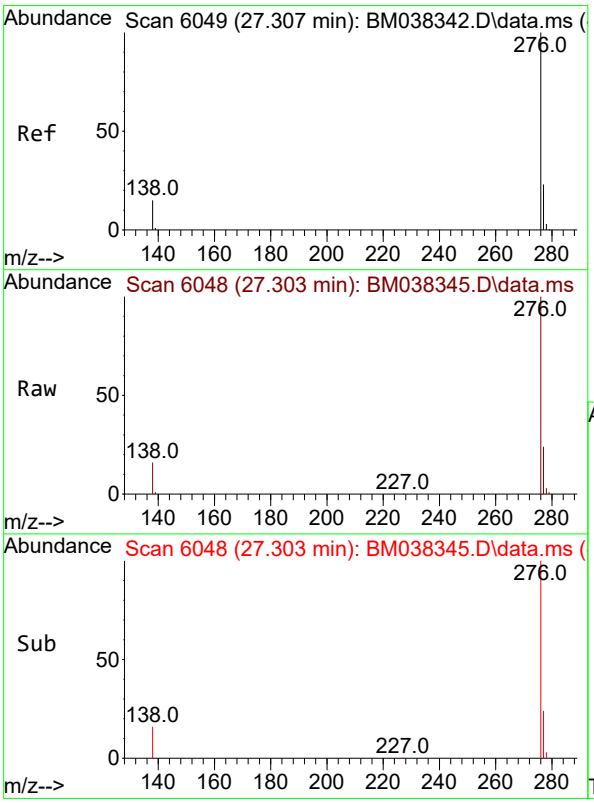
#28
Dibenzo(a,h)anthracene
Concen: 3.121 ng/ul
RT: 26.535 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:278 Resp: 85317

Ion	Ratio	Lower	Upper
278	100		
139	11.8	11.4	17.0
279	24.5	26.4	39.6#





#29
Benzo(g,h,i)perylene
Concen: 3.096 ng/ul
RT: 27.303 min Scan# 6048
Delta R.T. -0.004 min
Lab File: BM038345.D
Acq: 29 Dec 2022 16:14

Tgt Ion:276 Resp: 91655

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.4	21.6
277	23.9	20.7	31.1