Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039814.D
Acq On : 02 May 2023 22:19
Operator : CG/JU
Sample : 02419-28DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW925DL

Quant Time: May 03 04:18:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	3657	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.595	136	11674	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16265	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.408	240	8472	0.400	ng/ul	# 0.00
23) Perylene-d12	23.767	264	9694	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2188	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	610	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	1188	0.052	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.645	128	8305	0.283	ng/ul	98
7) 2-Methylnaphthalene	12.267	142	6182	0.365	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	3654	0.201	ng/ul	100
10) Acenaphthylene	14.173	152	17691	0.743	ng/ul	97
11) Acenaphthene	14.511	153	3349	0.179	ng/ul	96
12) Fluorene	15.506	166	4470	0.215	ng/ul#	94
14) Pentachlorophenol	16.879	266	150	0.042	ng/ul	94
15) Phenanthrene	17.246	178	85824	2.003	ng/ul	99
16) Anthracene	17.339	178	24747	0.673	ng/ul	98
19) Fluoranthene	19.271	202	248164	8.211	ng/ul	99
20) Pyrene	19.638	202	235686	7.221	ng/ul	98
21) Benzo(a)anthracene	21.391	228	166627	6.841	ng/ul	97
22) Chrysene	21.443	228	176429	6.400	ng/ul	95
24) Benzo(b)fluoranthene	23.048	252	341522	10.032	ng/ul	96
26) Benzo(a)pyrene	23.662	252	209410	6.851	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.208	276	213104	5.514	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.208	278	53565	1.786	ng/ul#	91
29) Benzo(g,h,i)perylene	26.962	276	247294	7.343	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
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Acq On : 02 May 2023 22:19
Operator : CG/JU
Sample : 02419-28DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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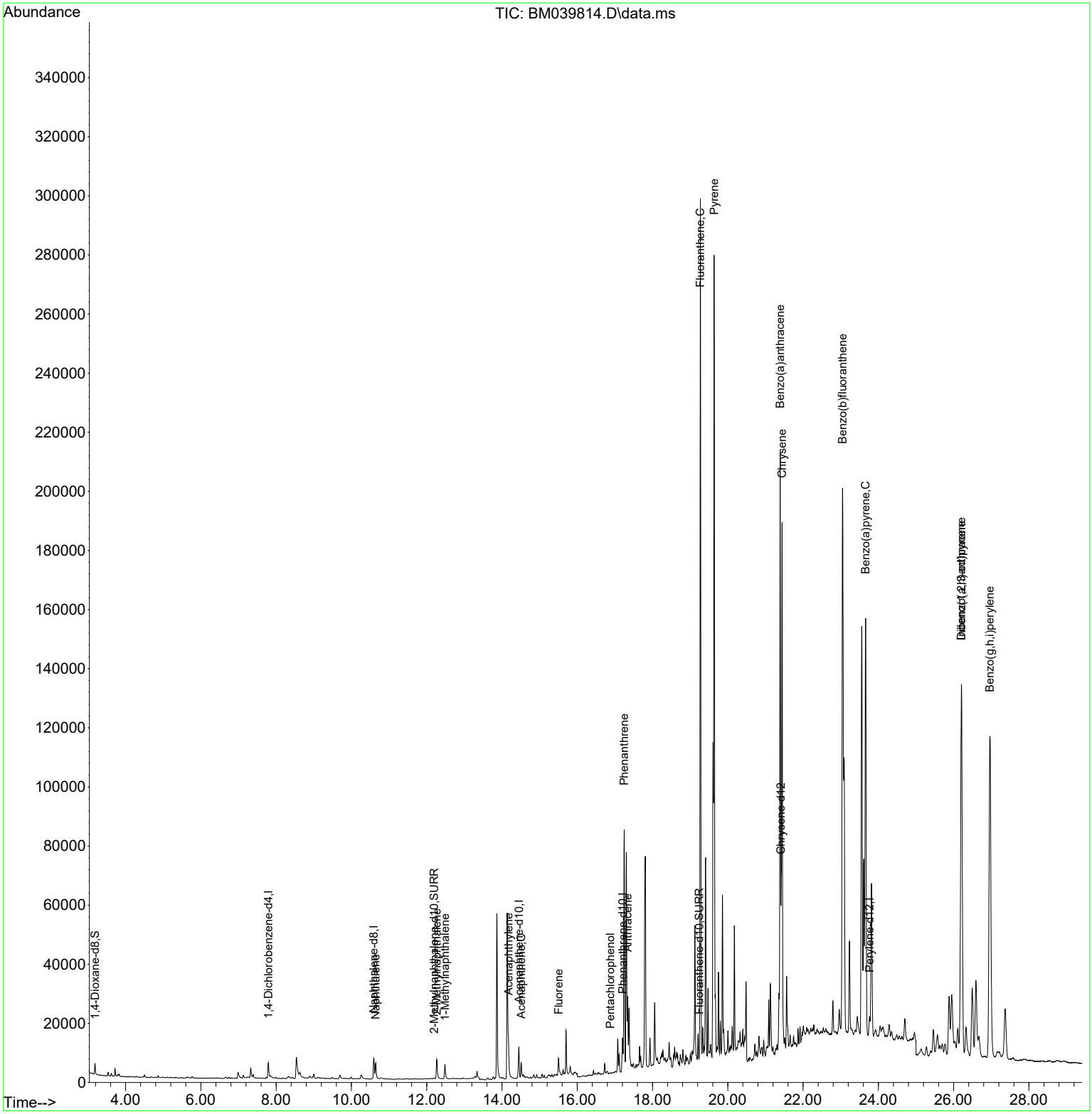
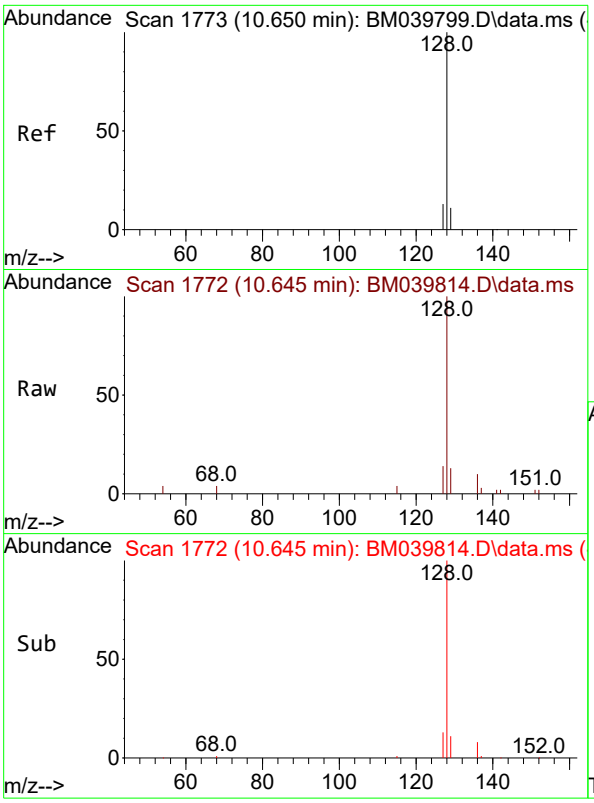
Quant Time: May 03 04:18:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration



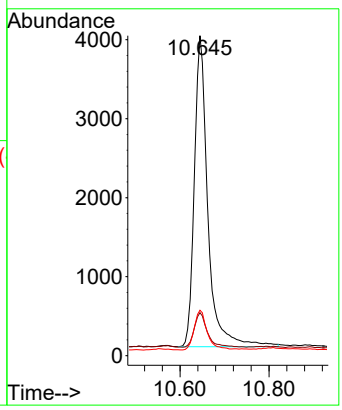


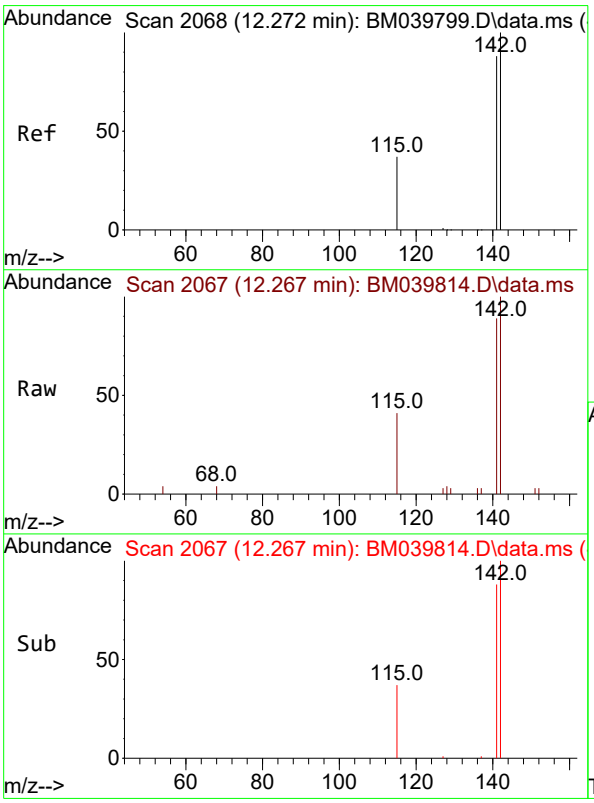
#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.645 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:128 Resp: 8305

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.8	14.6
127	14.2	11.1	16.7

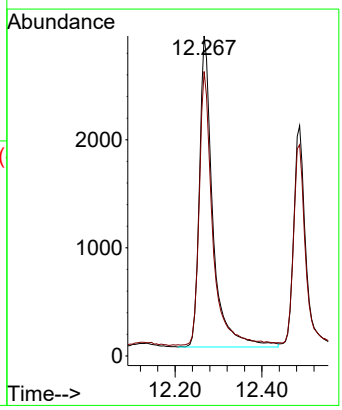


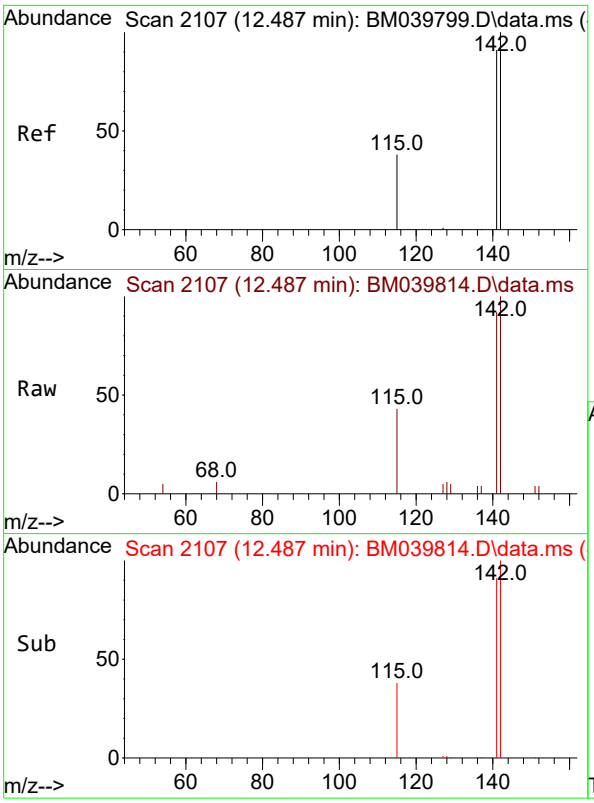


#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:142 Resp: 6182

Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.2	109.8



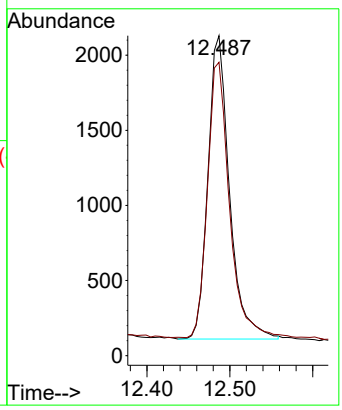


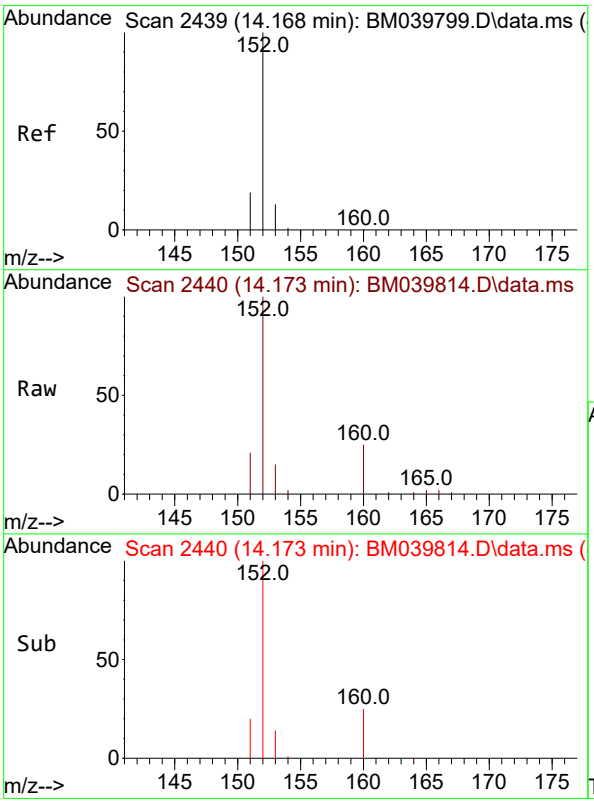
#8
1-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:142 Resp: 3654

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2

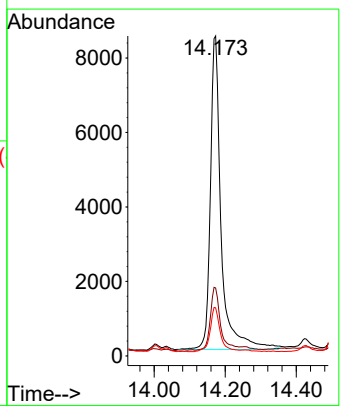


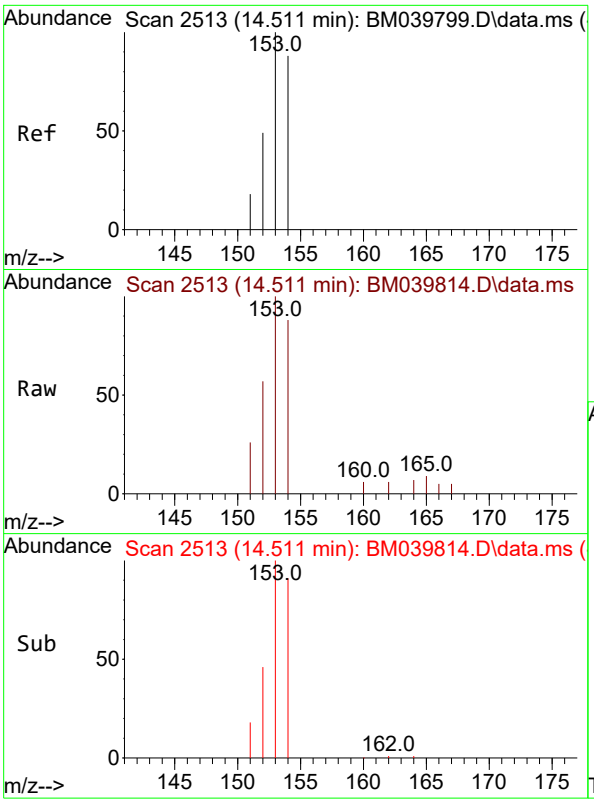


#10
Acenaphthylene
Concen: 0.743 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:152 Resp: 17691

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.0	24.0
153	15.1	11.2	16.8



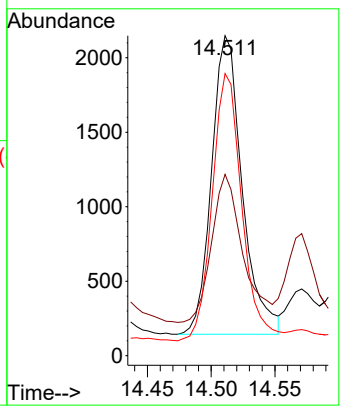


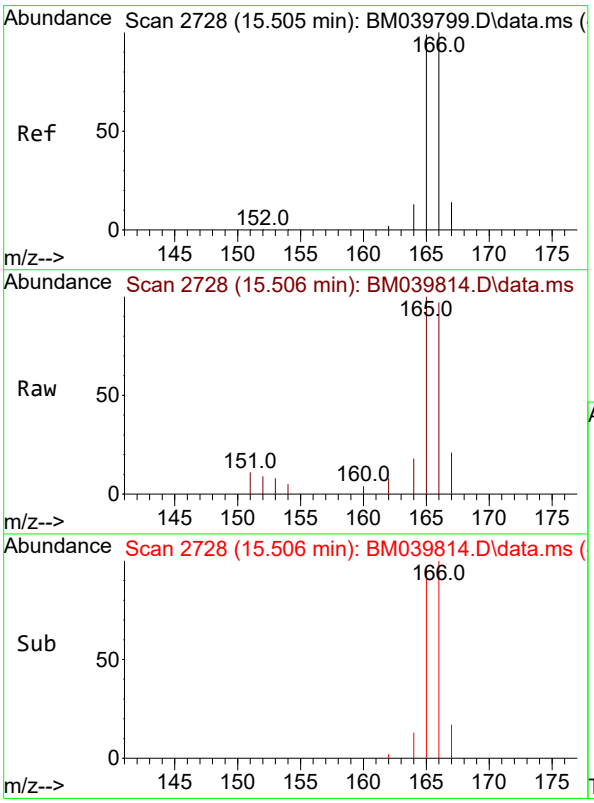
#11
Acenaphthene
Concen: 0.179 ng/ul
RT: 14.511 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:153 Resp: 3349

Ion	Ratio	Lower	Upper
153	100		
152	56.7	40.6	61.0
154	88.2	71.9	107.9

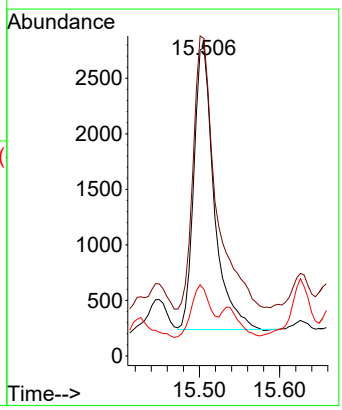


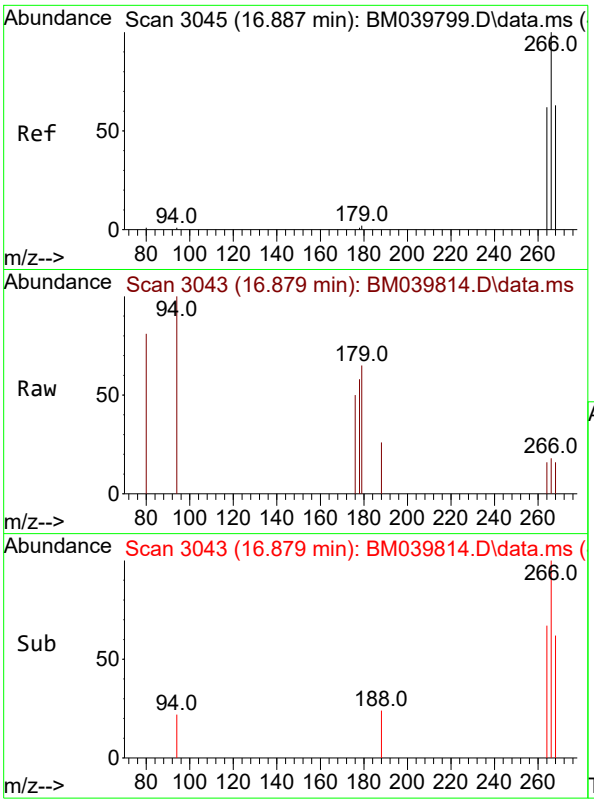


#12
Fluorene
Concen: 0.215 ng/ul
RT: 15.506 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:166 Resp: 4470

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.0	118.6
167	21.6	11.8	17.6#



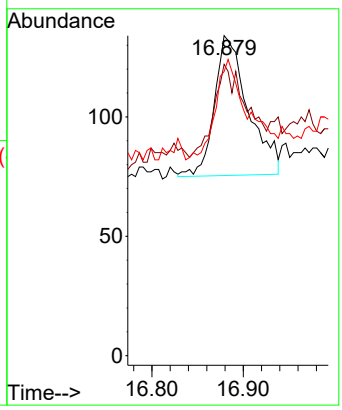


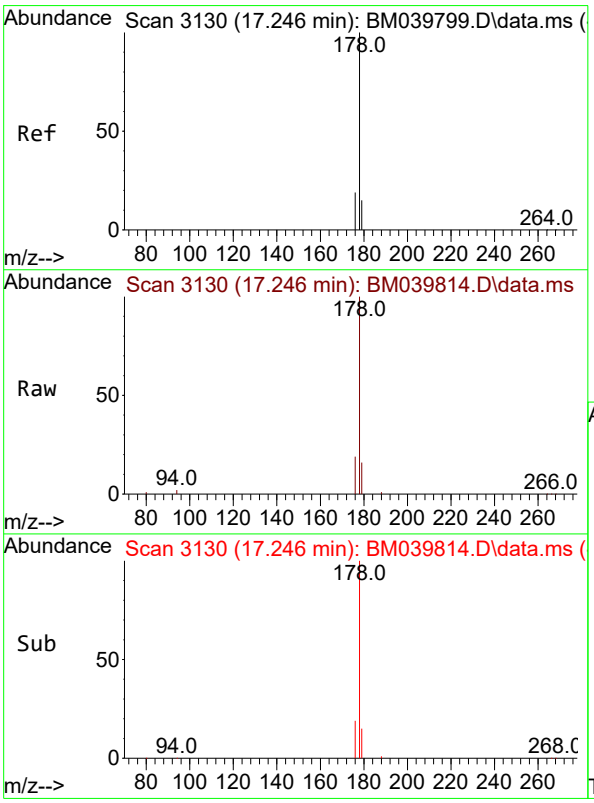
#14
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 16.879 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:266 Resp: 150

Ion	Ratio	Lower	Upper
266	100		
264	65.3	48.8	73.2
268	67.3	50.4	75.6

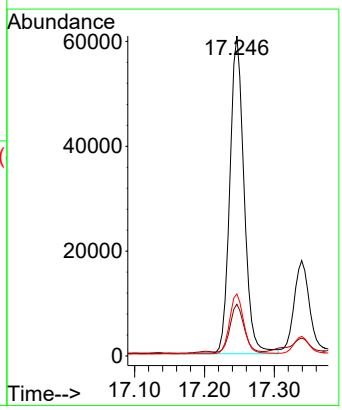


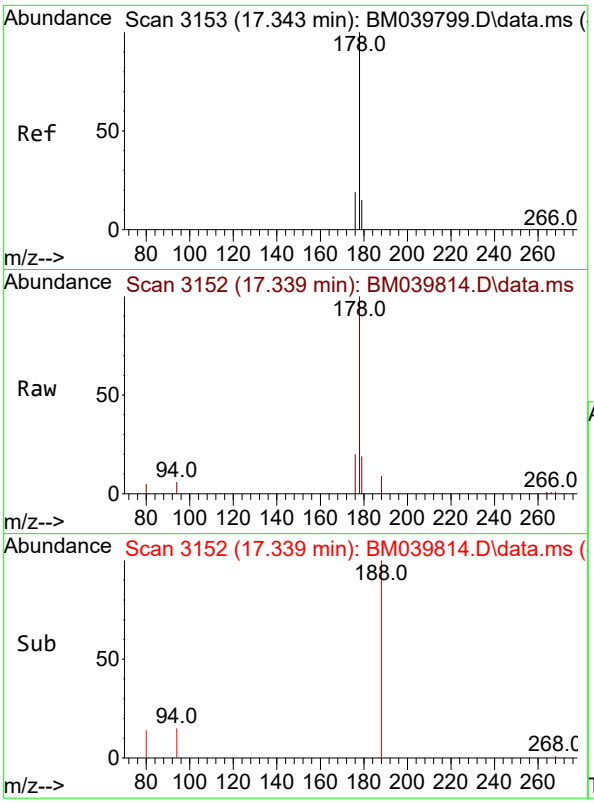


#15
Phenanthrene
Concen: 2.003 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:178 Resp: 85824

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	19.4	15.8	23.8



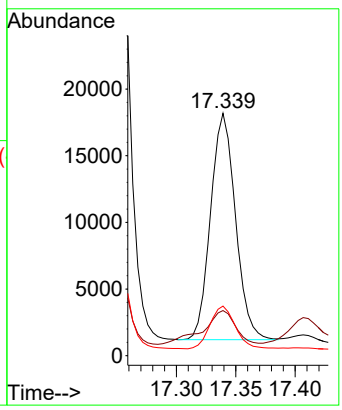


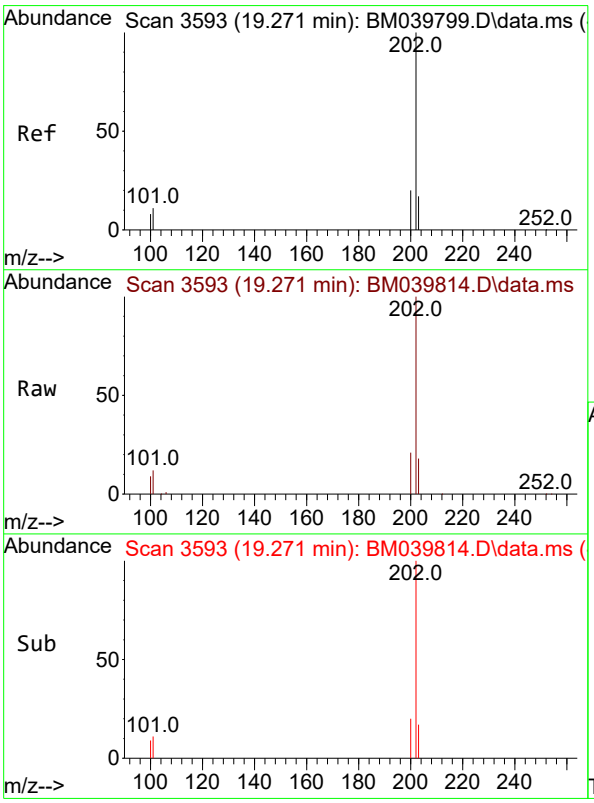
#16
Anthracene
Concen: 0.673 ng/ul
RT: 17.339 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:178 Resp: 24747

Ion	Ratio	Lower	Upper
178	100		
179	18.6	13.8	20.6
176	20.4	15.8	23.8

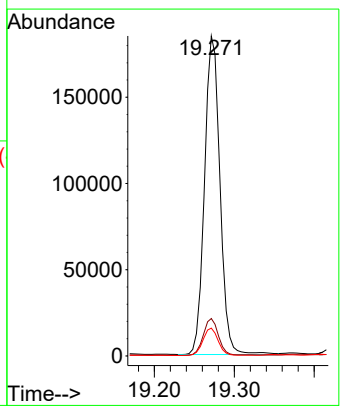


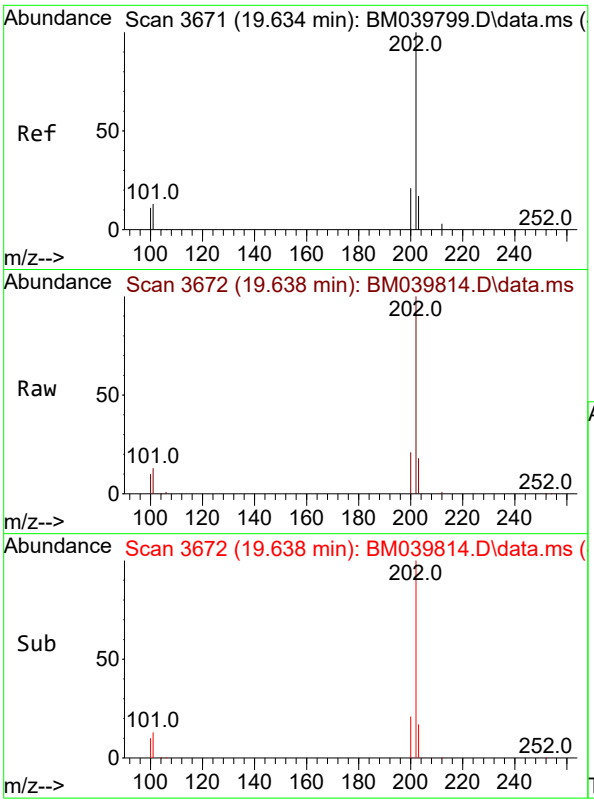


#19
Fluoranthene
Concen: 8.211 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:202 Resp: 248164

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	8.7	7.3	10.9



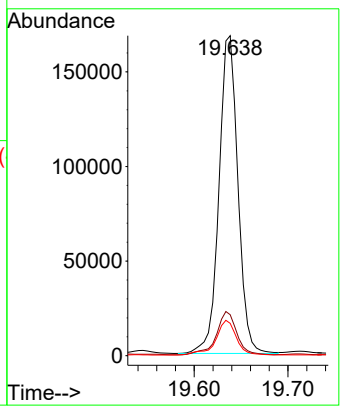


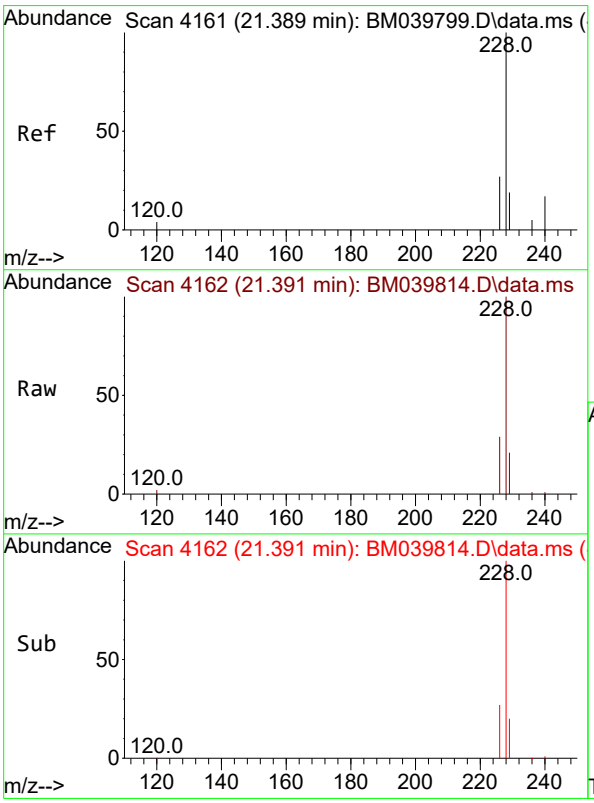
#20
Pyrene
Concen: 7.221 ng/ul
RT: 19.638 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:202 Resp: 235686

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.9	16.3
100	10.1	8.9	13.3

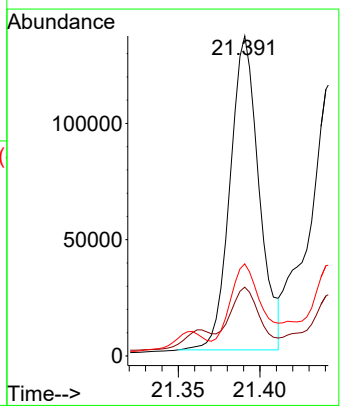


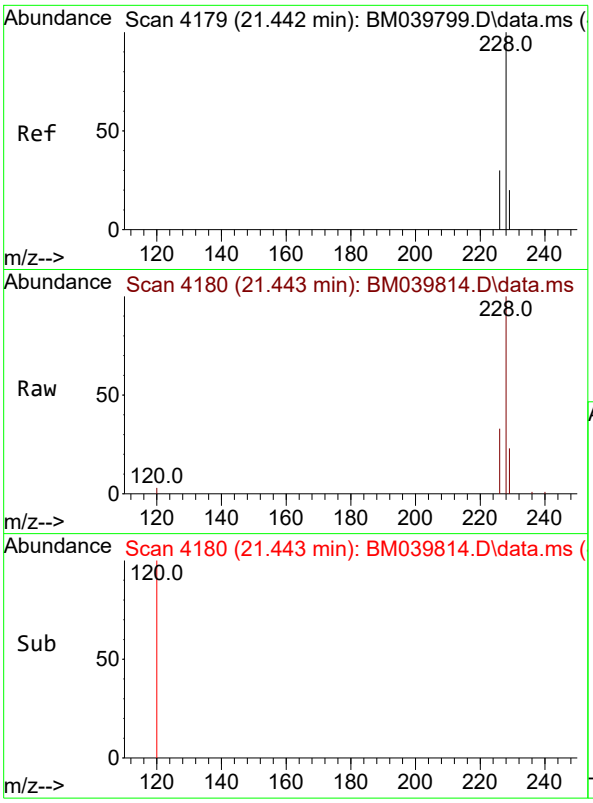


#21
Benzo(a)anthracene
Concen: 6.841 ng/ul
RT: 21.391 min Scan# 4162
Delta R.T. 0.001 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:228 Resp: 166627

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	28.8	21.6	32.4



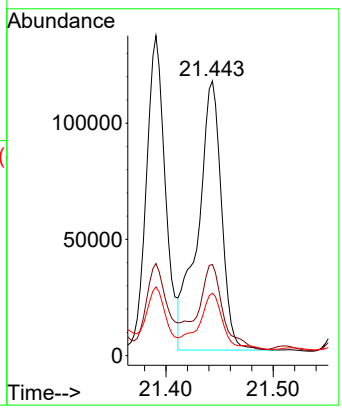


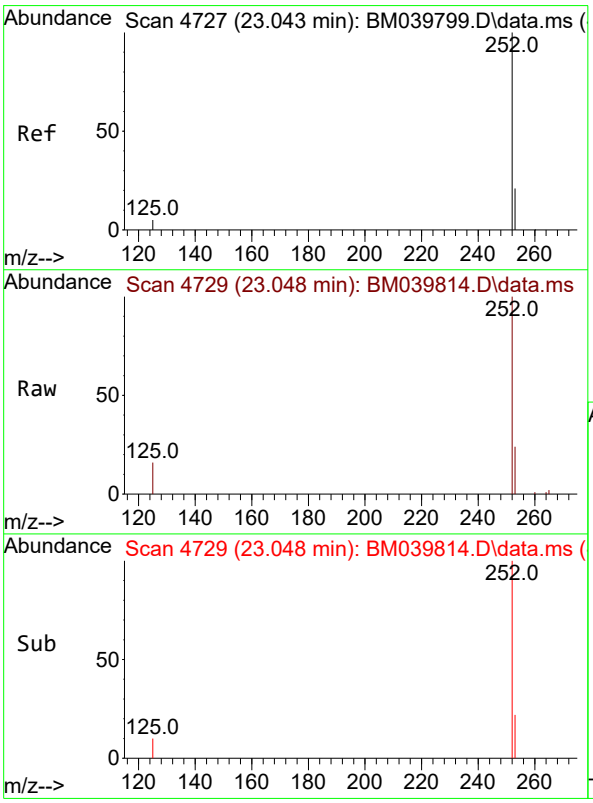
#22
Chrysene
Concen: 6.400 ng/ul
RT: 21.443 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:228 Resp: 176429

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.3	36.5
229	22.7	15.9	23.9

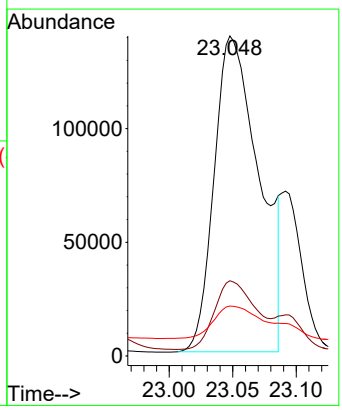


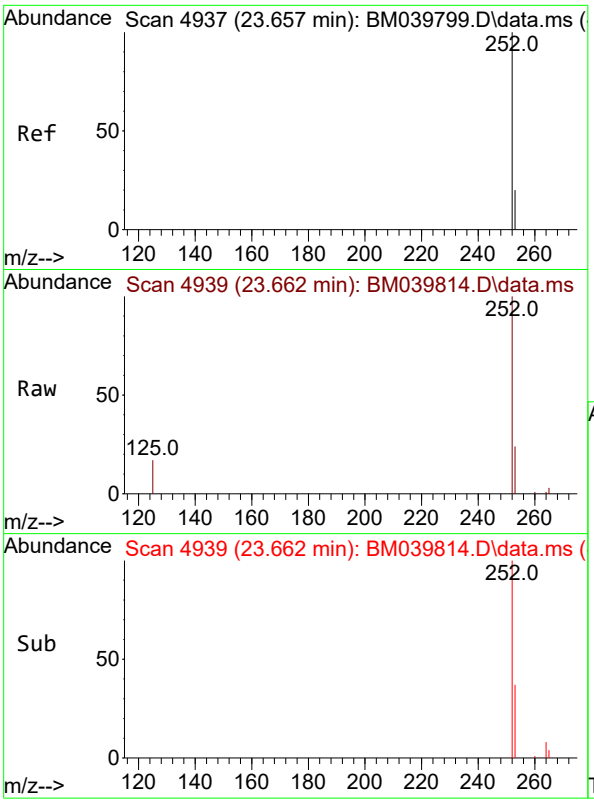


#24
Benzo(b)fluoranthene
Concen: 10.032 ng/ul
RT: 23.048 min Scan# 4729
Delta R.T. 0.004 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:252 Resp: 341522

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	52.8
125	15.6	0.0	31.6



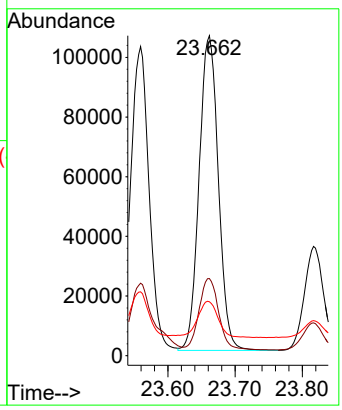


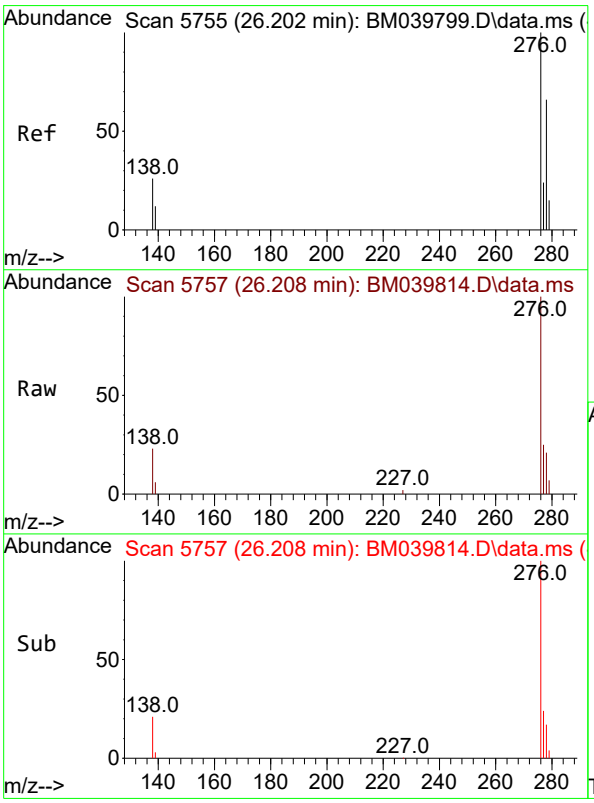
#26
Benzo(a)pyrene
Concen: 6.851 ng/ul
RT: 23.662 min Scan# 4
Delta R.T. 0.004 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:252 Resp: 209410

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.7	37.1#
125	16.9	16.5	24.7

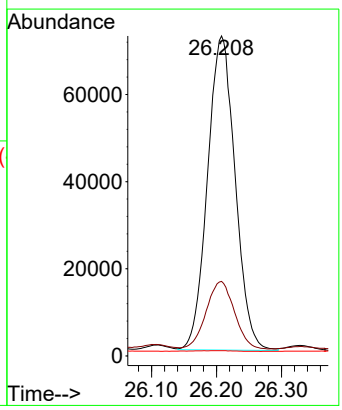


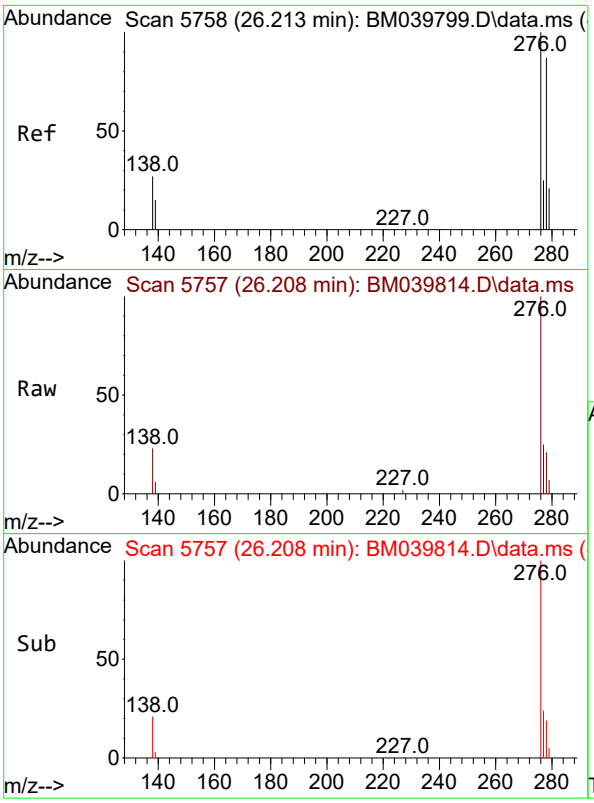


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.514 ng/ul
RT: 26.208 min Scan# 5757
Delta R.T. 0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:276 Resp: 213104

Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.1	31.7
227	0.4	0.1	0.1#



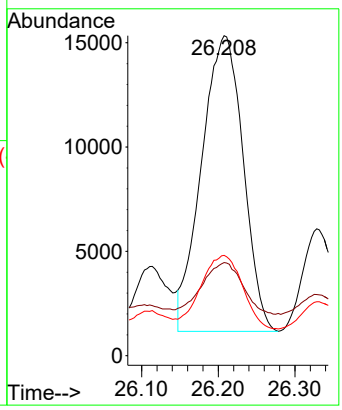


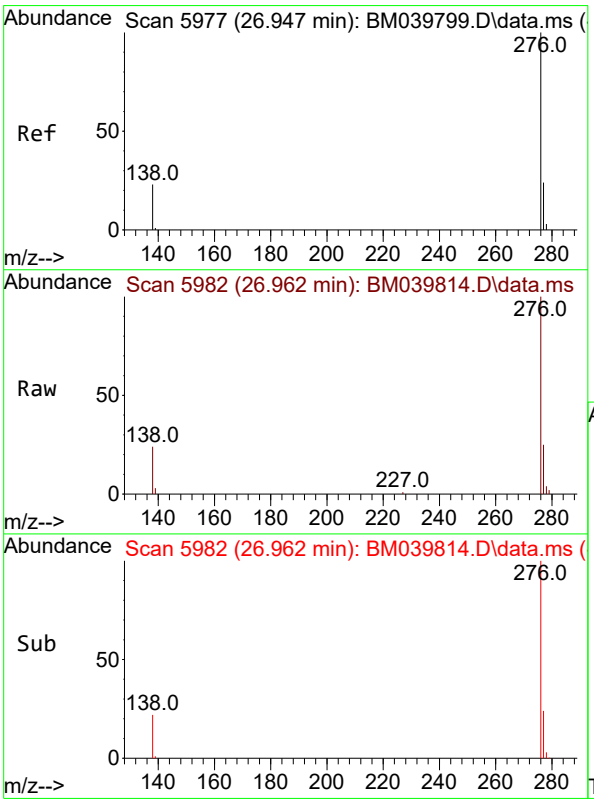
#28
Dibenzo(a,h)anthracene
Concen: 1.786 ng/ul
RT: 26.208 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
EW925DL

Tgt Ion:278 Resp: 53565

Ion	Ratio	Lower	Upper
278	100		
139	29.1	17.0	25.6#
279	31.4	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 7.343 ng/ul
RT: 26.962 min Scan# 5982
Delta R.T. 0.015 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

Tgt Ion:276 Resp: 247294

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.1	30.1
277	24.6	20.1	30.1