Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043061.D
Acq On : 27 Nov 2023 22:26
Operator : MA/JU
Sample : PB157288BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 28 00:24:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	612	0.400	ng/ul	0.00
4) Naphthalene-d8	10.644	136	2179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	1307	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	2631	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	1415	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	1653	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	680	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	904	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	1953	0.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	1811	1.796	ng/ul#	86
5) Naphthalene	10.693	128	1710	0.289	ng/ul#	92
7) 2-Methylnaphthalene	12.337	142	992	0.284	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	1060	0.272	ng/ul	95
10) Acenaphthylene	14.200	152	1902	0.285	ng/ul	98
11) Acenaphthene	14.528	153	1475	0.292	ng/ul	99
12) Fluorene	15.537	166	1545	0.298	ng/ul	98
14) Pentachlorophenol	16.891	266	391	0.549	ng/ul	98
15) Phenanthrene	17.275	178	2264	0.302	ng/ul	95
16) Anthracene	17.389	178	2128	0.299	ng/ul	96
19) Fluoranthene	19.294	202	2789	0.348	ng/ul	97
20) Pyrene	19.661	202	2908	0.341	ng/ul	98
21) Benzo(a)anthracene	21.409	228	1505	0.328	ng/ul	99
22) Chrysene	21.456	228	2899	0.339	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	2069	0.371	ng/ul	97
25) Benzo(k)fluoranthene	23.098	252	2809	0.366	ng/ul	96
26) Benzo(a)pyrene	23.680	252	2103	0.345	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.242	276	2845	0.345	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.265	278	2213	0.347	ng/ul	97
29) Benzo(g,h,i)perylene	27.003	276	2794	0.349	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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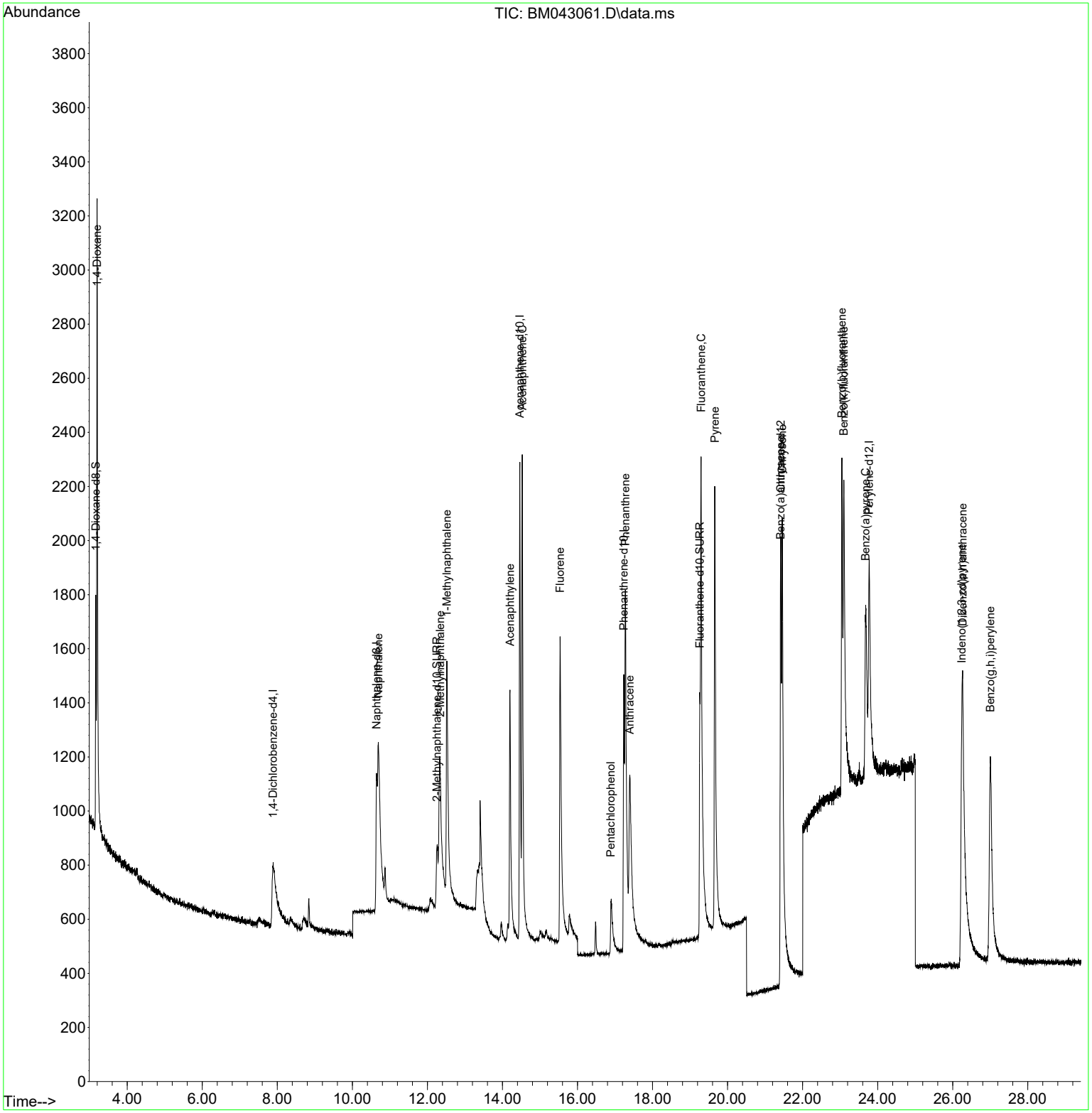
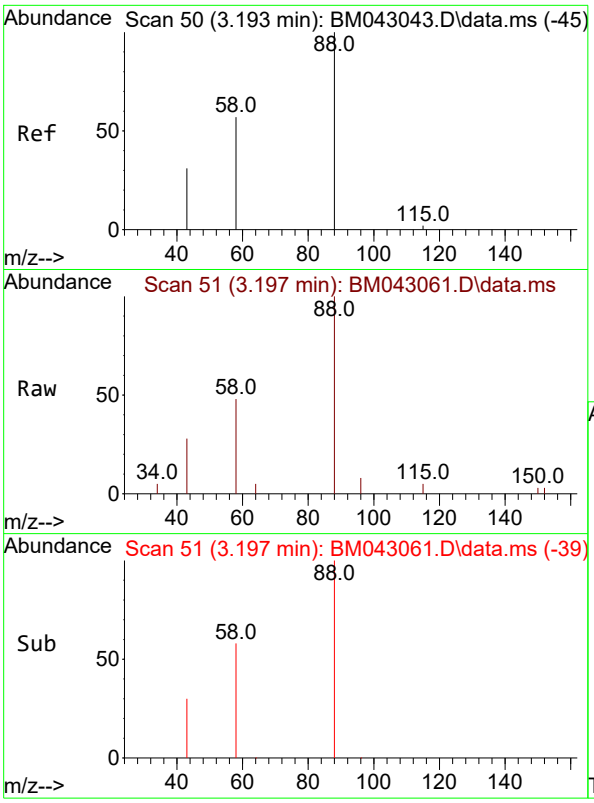


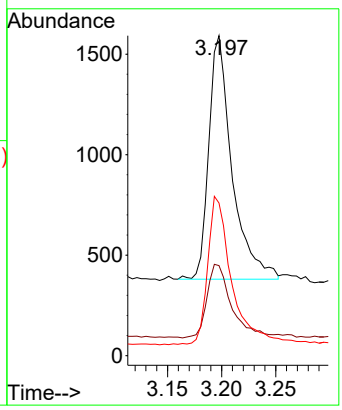


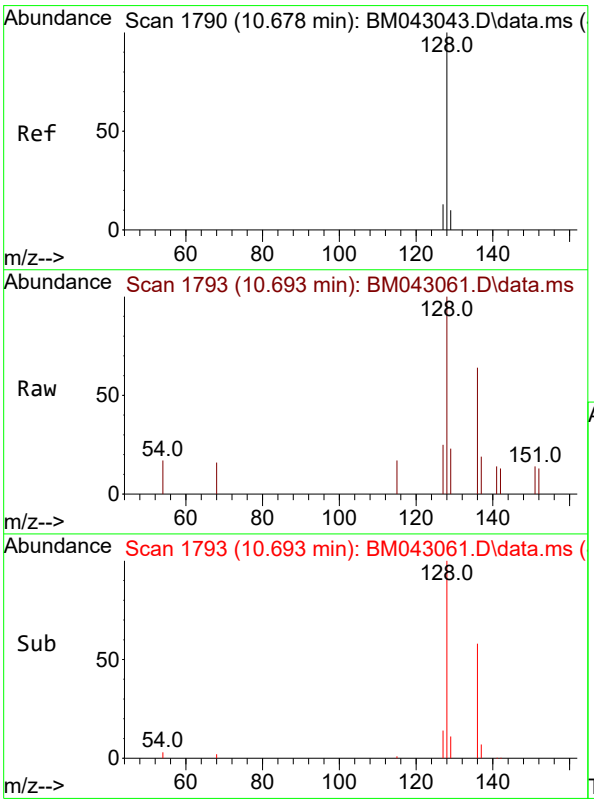
#2
1,4-Dioxane
Concen: 1.796 ng/ul
RT: 3.197 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 88 Resp: 1811

Ion	Ratio	Lower	Upper
88	100		
43	28.1	22.8	34.2
58	47.7	26.8	40.2#

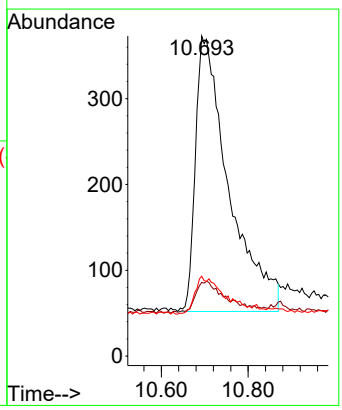


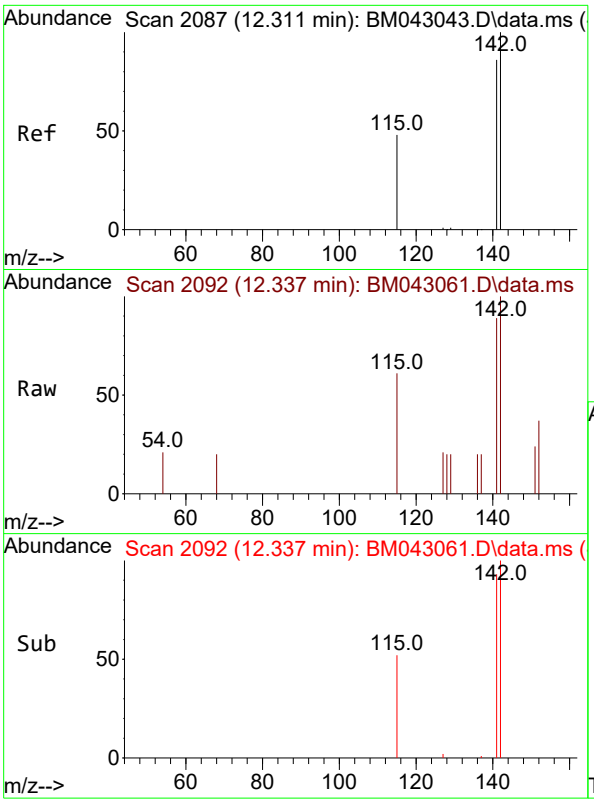


#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.693 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:128 Resp: 1710

Ion	Ratio	Lower	Upper
128	100		
129	23.1	16.0	24.0
127	24.9	16.5	24.7#



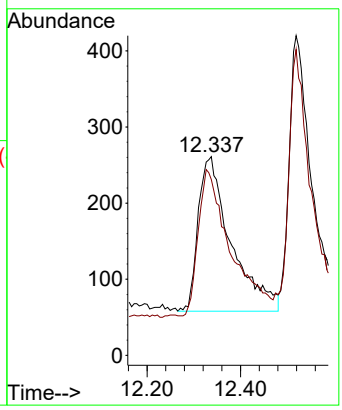


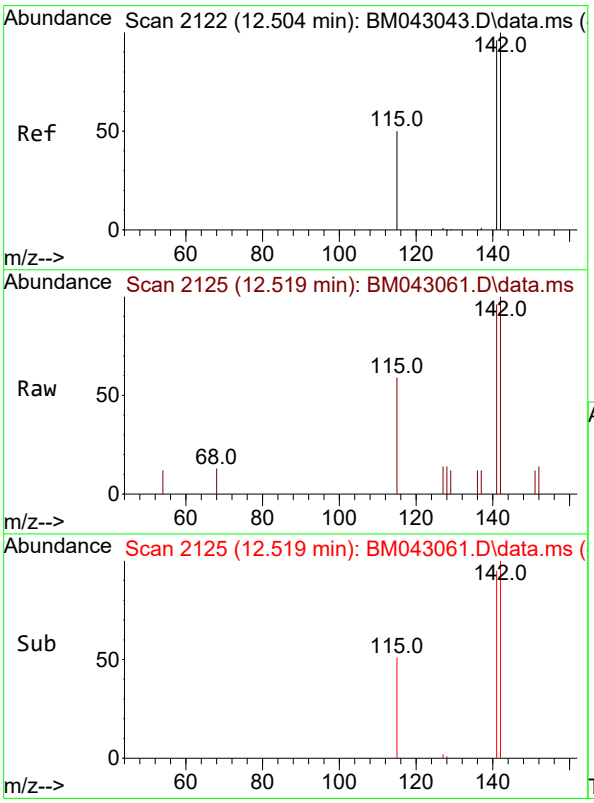
#7
2-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.337 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 992

Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.1	114.1

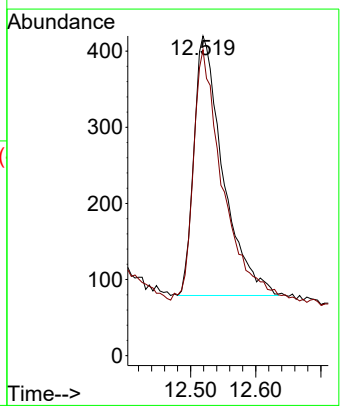


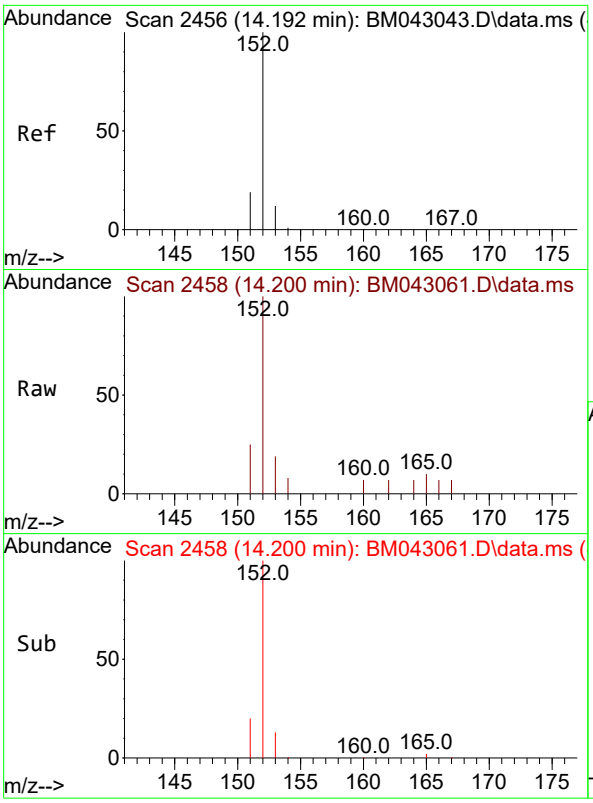


#8
1-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.519 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:142 Resp: 1060

Ion	Ratio	Lower	Upper
142	100		
141	97.1	73.8	110.8



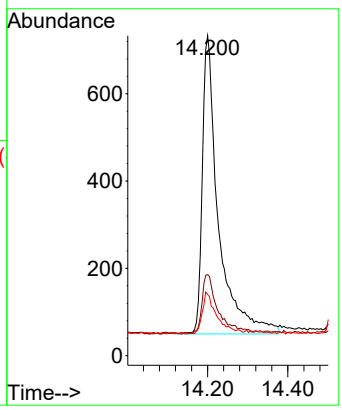


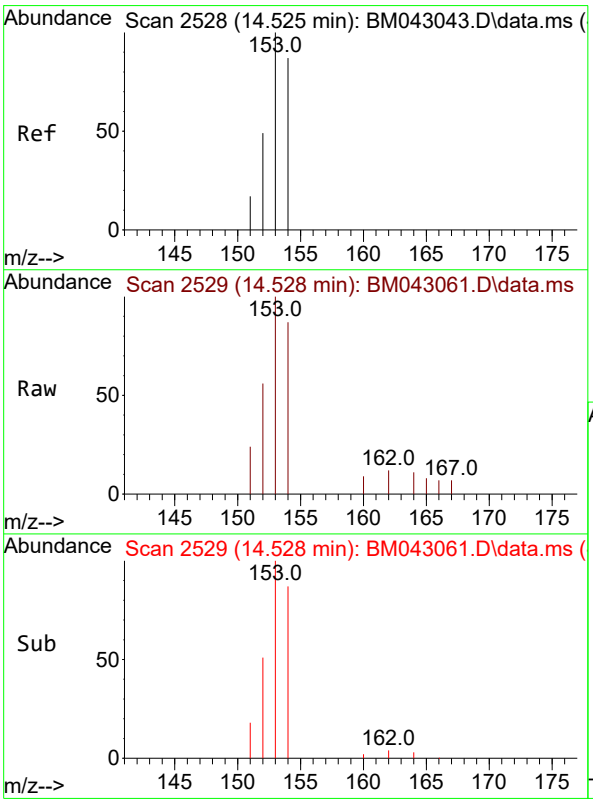
#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.200 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 1902

Ion	Ratio	Lower	Upper
152	100		
151	25.4	19.4	29.0
153	19.1	14.6	21.8

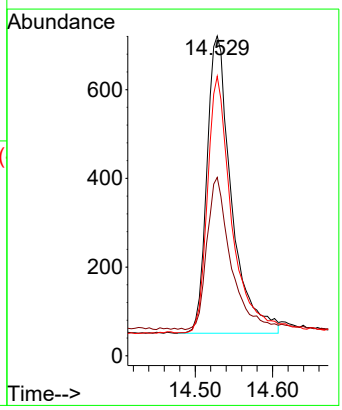


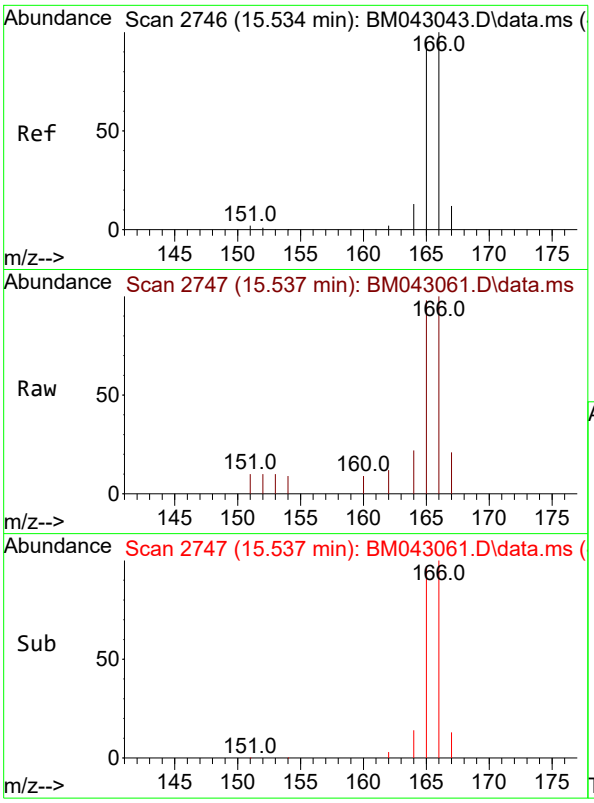


#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.528 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:153 Resp: 1475

Ion	Ratio	Lower	Upper
153	100		
152	55.8	43.9	65.9
154	87.4	70.6	105.8



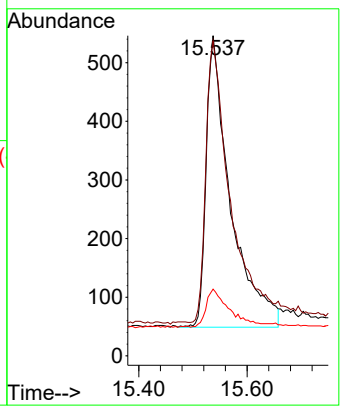


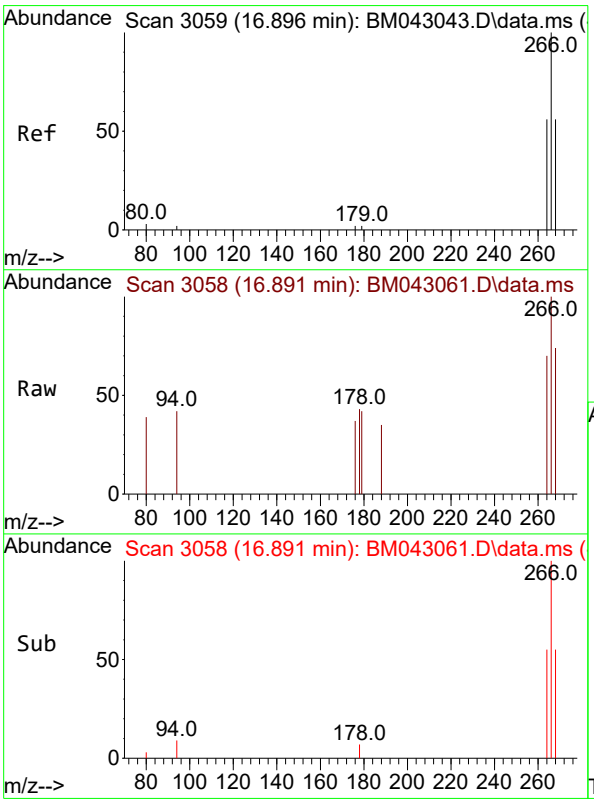
#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.537 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 1545

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.9	119.9
167	20.9	14.2	21.4

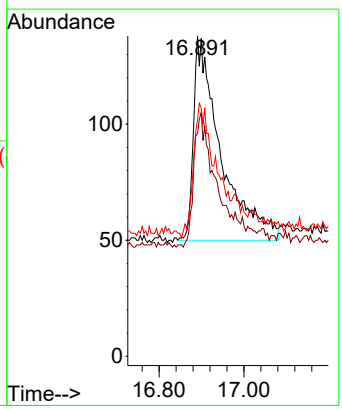


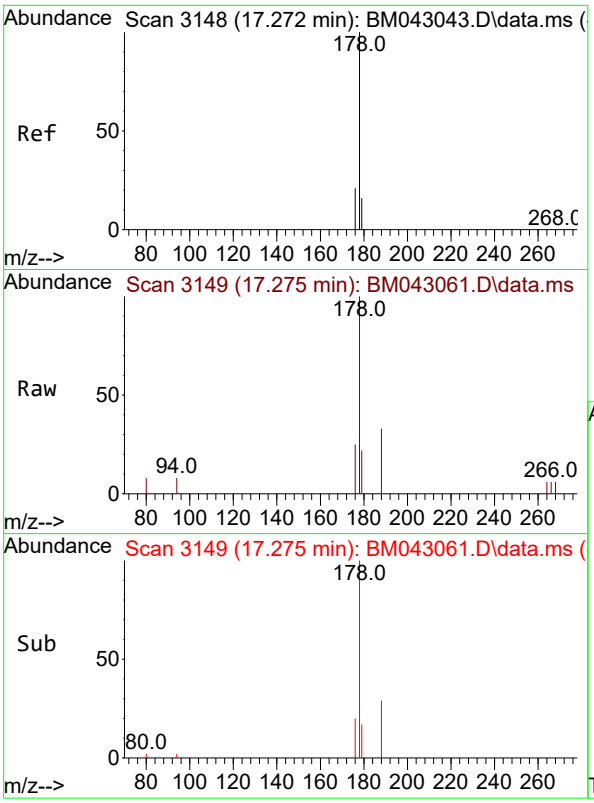


#14
Pentachlorophenol
Concen: 0.549 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.021 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:266 Resp: 391

Ion	Ratio	Lower	Upper
266	100		
264	61.4	48.8	73.2
268	62.4	51.8	77.6



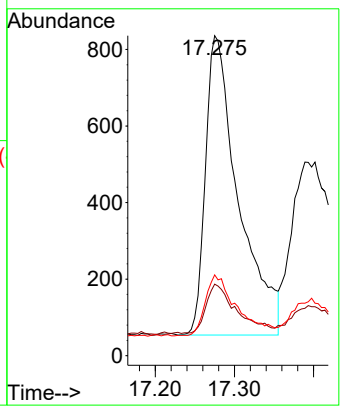


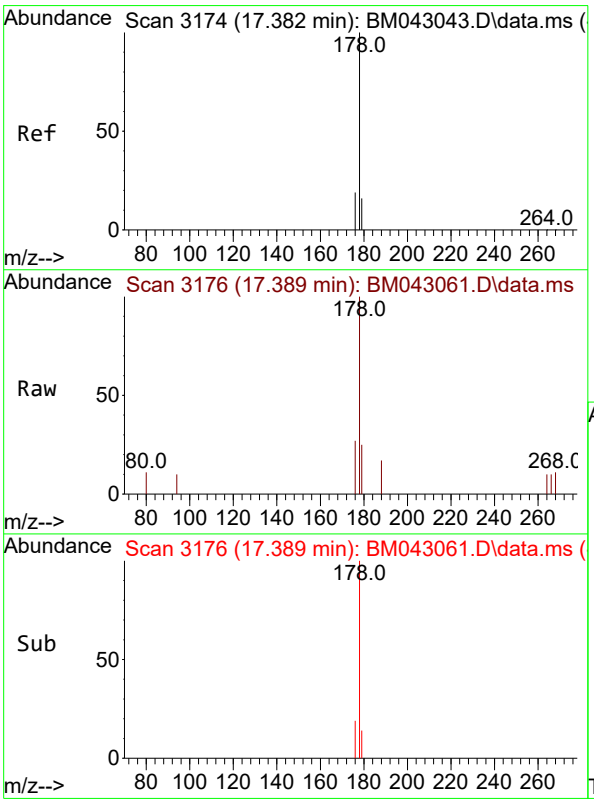
#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.275 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2264

Ion	Ratio	Lower	Upper
178	100		
179	22.4	15.7	23.5
176	25.2	18.9	28.3

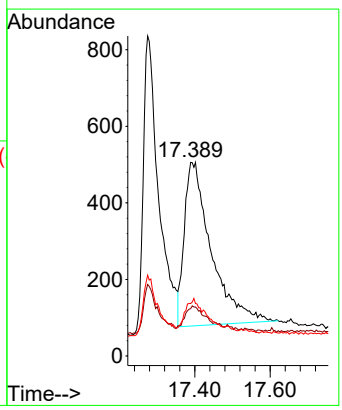


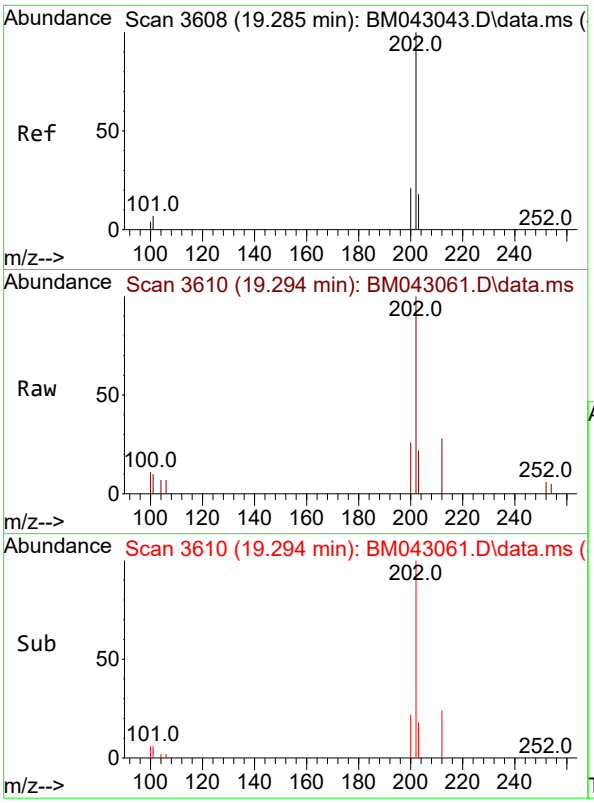


#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.389 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:178 Resp: 2128

Ion	Ratio	Lower	Upper
178	100		
179	24.5	17.3	25.9
176	27.1	20.5	30.7



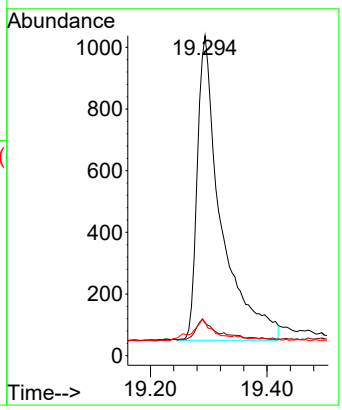


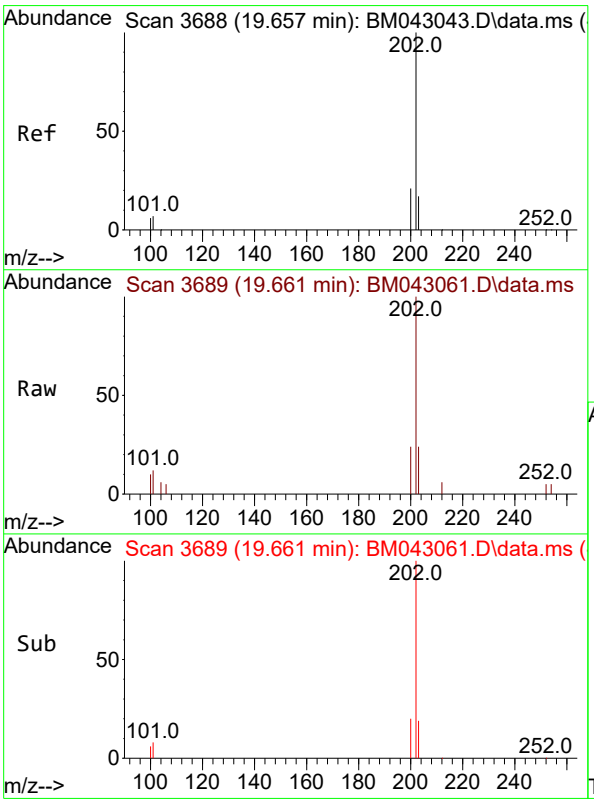
#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.294 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 2789

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.8
100	10.5	7.1	10.7

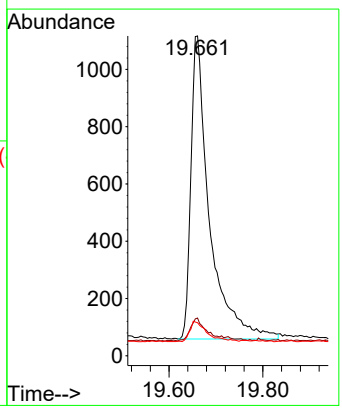


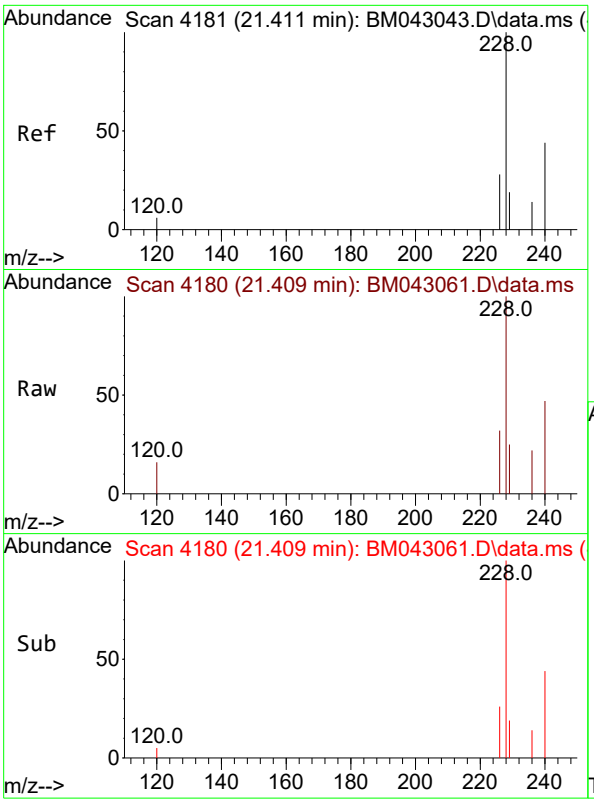


#20
Pyrene
Concen: 0.341 ng/ul
RT: 19.661 min Scan# 3689
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:202 Resp: 2908

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.7	13.1
100	10.4	7.8	11.8



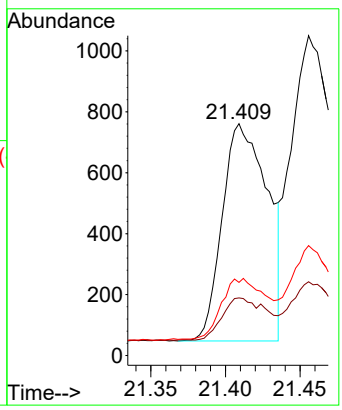


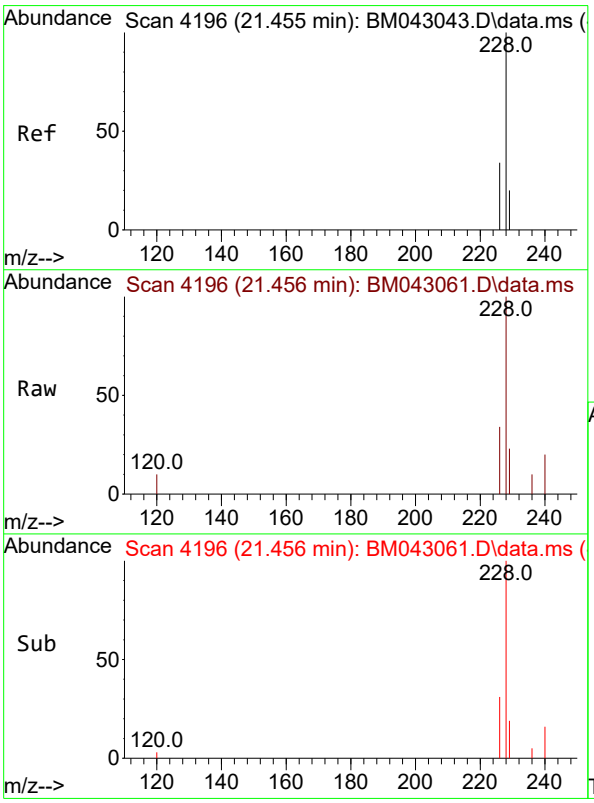
#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.409 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1505

Ion	Ratio	Lower	Upper
228	100		
229	24.8	19.4	29.0
226	31.5	24.9	37.3

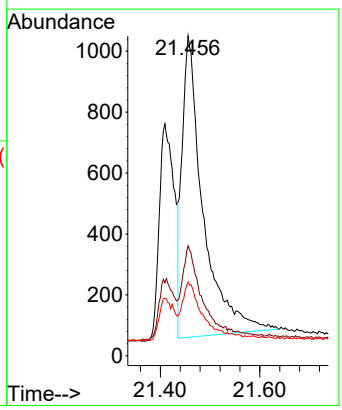


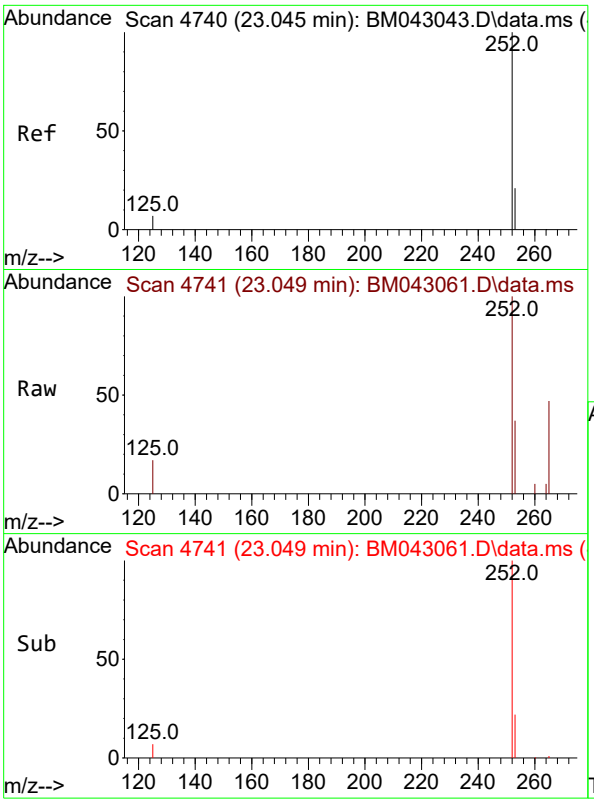


#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:228 Resp: 2899

Ion	Ratio	Lower	Upper
228	100		
226	34.4	27.2	40.8
229	23.0	18.0	27.0



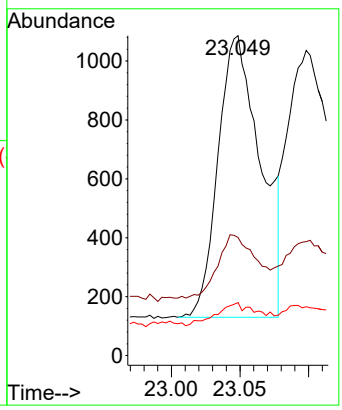


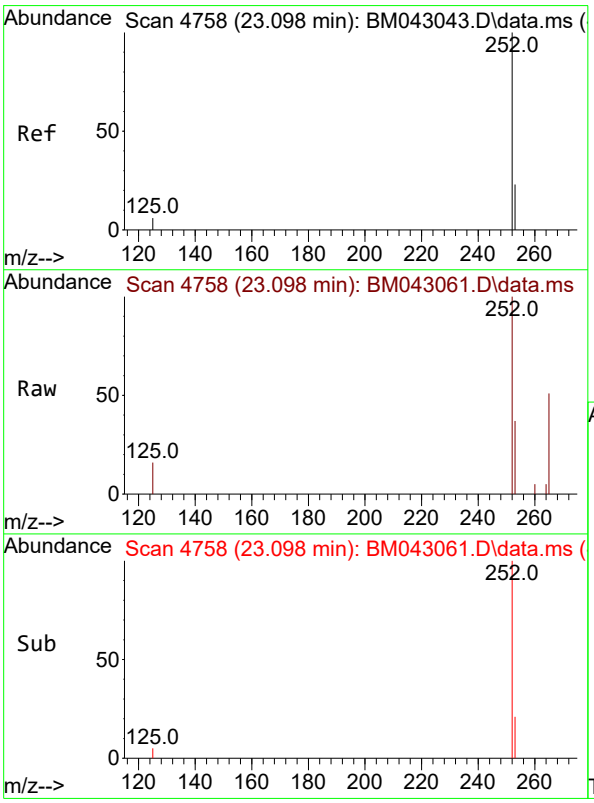
#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.049 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2069

Ion	Ratio	Lower	Upper
252	100		
253	36.9	0.0	71.8
125	16.6	0.0	29.0

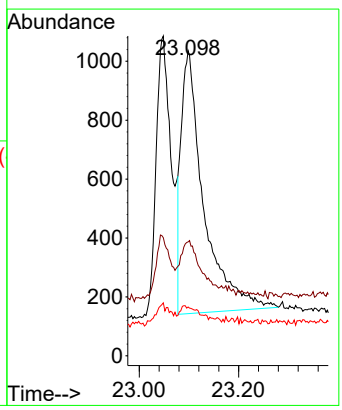


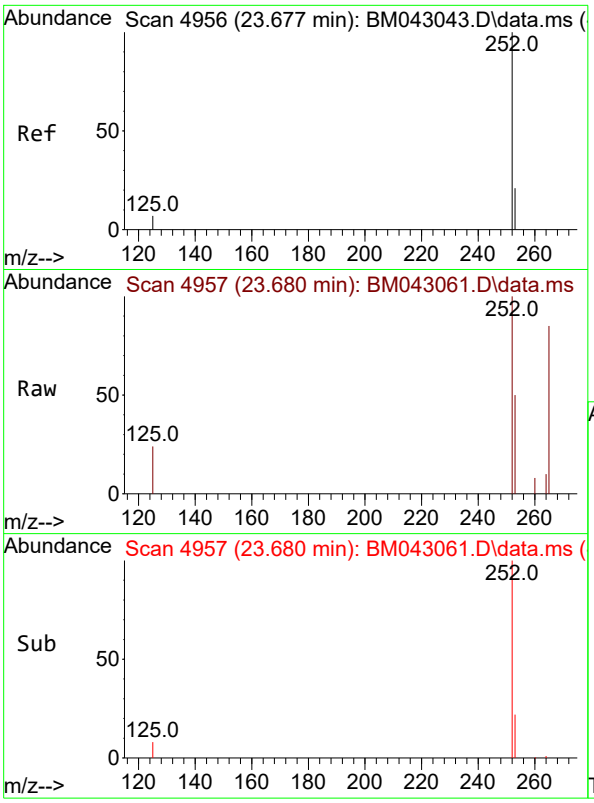


#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:252 Resp: 2809

Ion	Ratio	Lower	Upper
252	100		
253	37.4	28.2	42.2
125	16.0	11.0	16.6



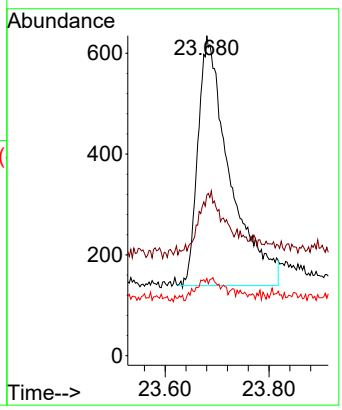


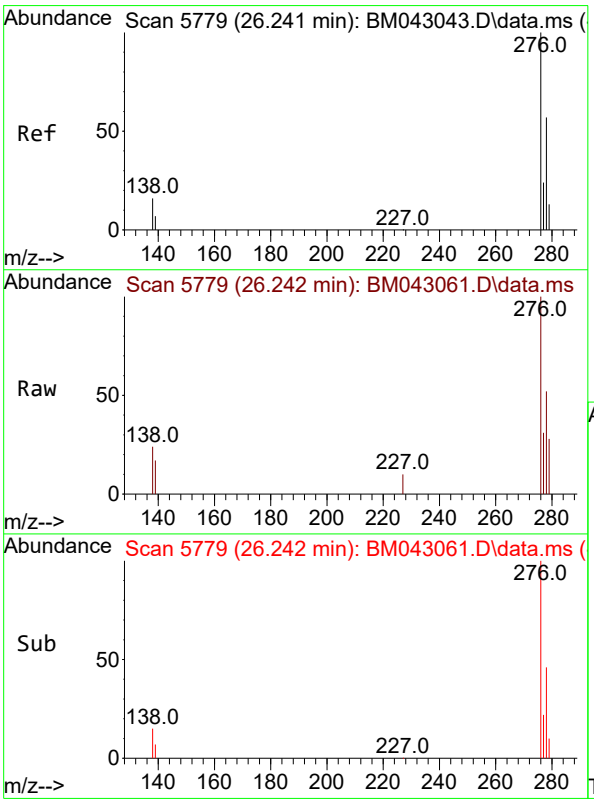
#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.680 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2103

Ion	Ratio	Lower	Upper
252	100		
253	50.2	36.6	55.0
125	24.1	16.2	24.4

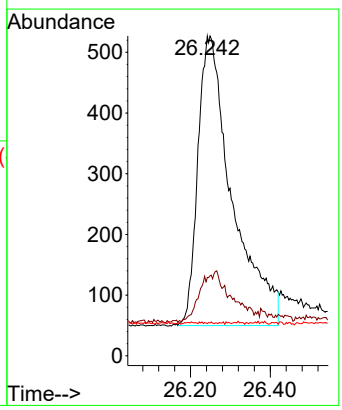


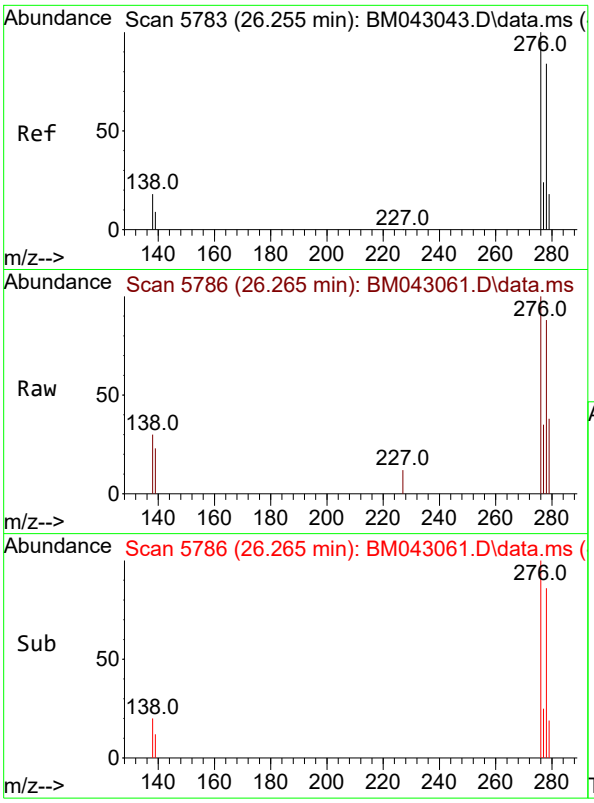


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. 0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:276 Resp: 2845

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
227	0.1	0.2	0.2#



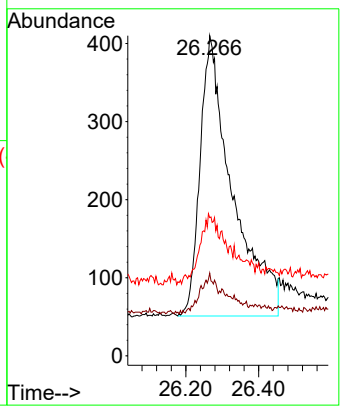


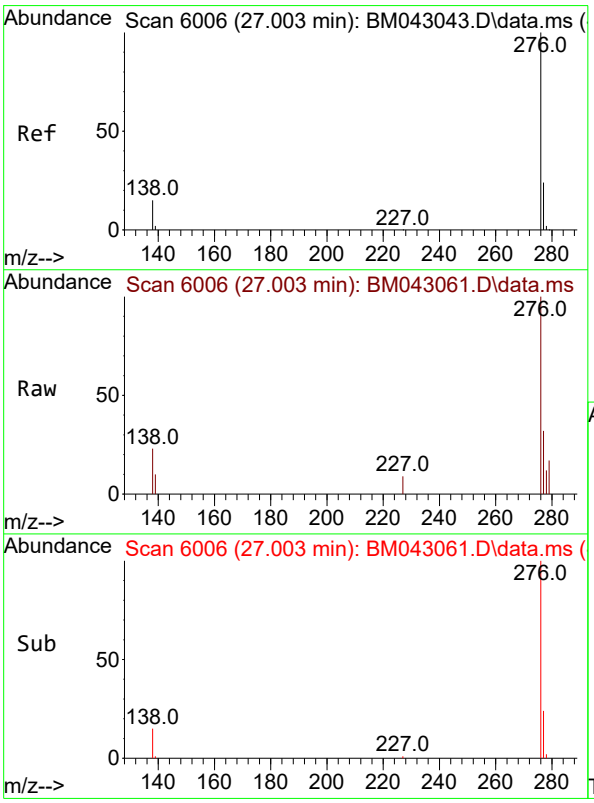
#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 26.265 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 2213

Ion	Ratio	Lower	Upper
278	100		
139	25.9	18.1	27.1
279	43.2	34.4	51.6





#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 27.003 min Scan# 6006
Delta R.T. -0.007 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:276 Resp: 2794

Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.8	26.8
277	32.0	23.8	35.8