Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035099.D
Acq On : 16 May 2022 12:03
Operator : CG/JU
Sample : N2707-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Quant Time: May 17 00:50:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	9536	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	6009	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	13091	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.476	240	10729	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	9131	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	765	0.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	5792	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	16361	0.445	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	1875	0.542	ng/ul#	76
5) Naphthalene	10.765	128	10619	0.337	ng/ul#	88
7) 2-Methylnaphthalene	12.376	142	7299	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	7197	0.374	ng/ul	99
10) Acenaphthylene	14.270	152	12055	0.339	ng/ul#	90
11) Acenaphthene	14.612	153	8699	0.339	ng/ul	96
12) Fluorene	15.597	166	10503	0.350	ng/ul#	96
14) Pentachlorophenol	16.946	266	3772	0.763	ng/ul	97
15) Phenanthrene	17.334	178	18797	0.377	ng/ul	94
16) Anthracene	17.423	178	17229	0.379	ng/ul#	91
19) Fluoranthene	19.350	202	23079	0.383	ng/ul	98
20) Pyrene	19.712	202	23680	0.387	ng/ul	99
21) Benzo(a)anthracene	21.459	228	20048	0.404	ng/ul	97
22) Chrysene	21.511	228	20428	0.395	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	18634	0.389	ng/ul	91
25) Benzo(k)fluoranthene	23.183	252	18102	0.396	ng/ul#	89
26) Benzo(a)pyrene	23.756	252	16750	0.385	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.333	276	17524	0.407	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.353	278	14234	0.415	ng/ul#	90
29) Benzo(g,h,i)perylene	27.091	276	15028	0.405	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035099.D
Acq On : 16 May 2022 12:03
Operator : CG/JU
Sample : N2707-05MS
Misc :
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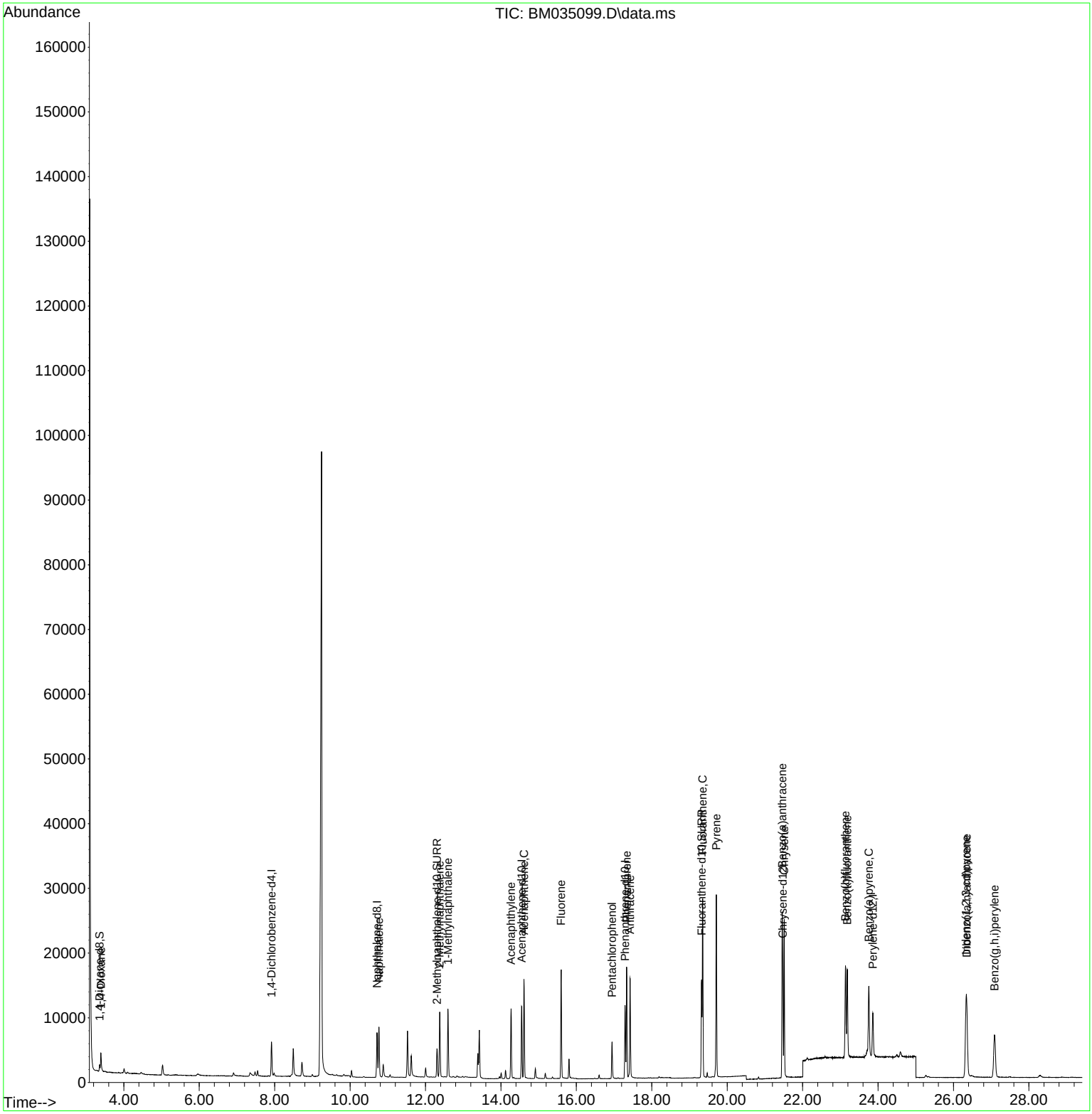
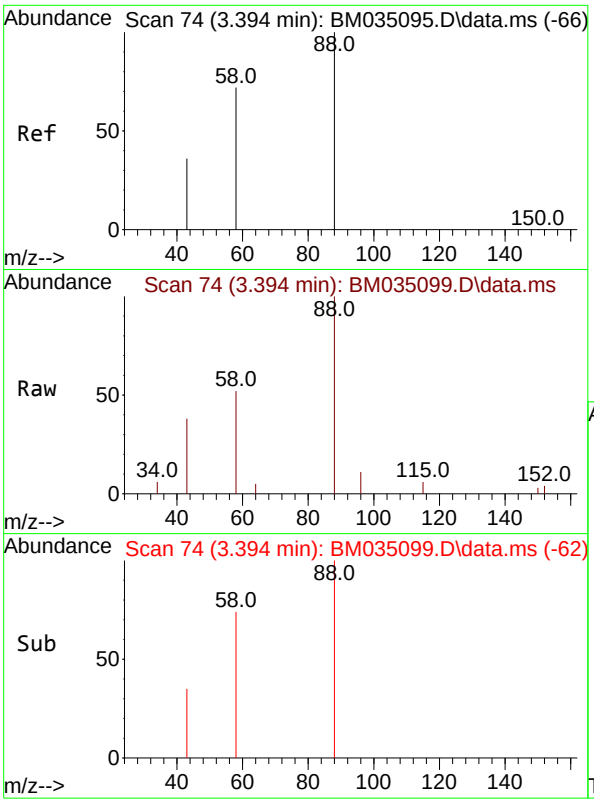
Instrument :
BNA_M
ClientSampleId :
EXL87MS

Quant Time: May 17 00:50:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration



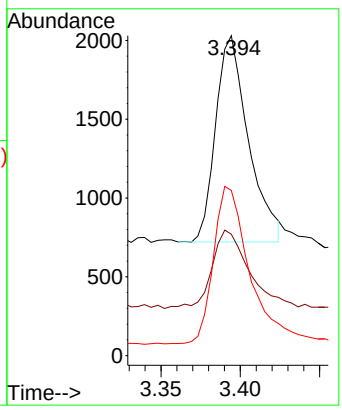


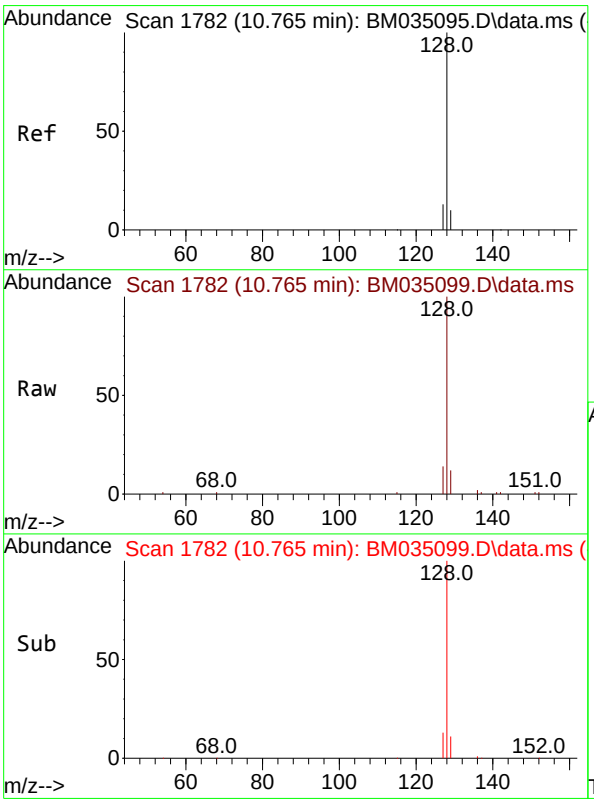
#2
1,4-Dioxane
Concen: 0.542 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion: 88 Resp: 1875

Ion	Ratio	Lower	Upper
88	100		
43	37.9	49.7	74.5#
58	51.6	52.5	78.7#

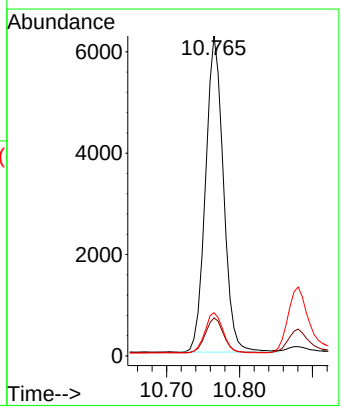


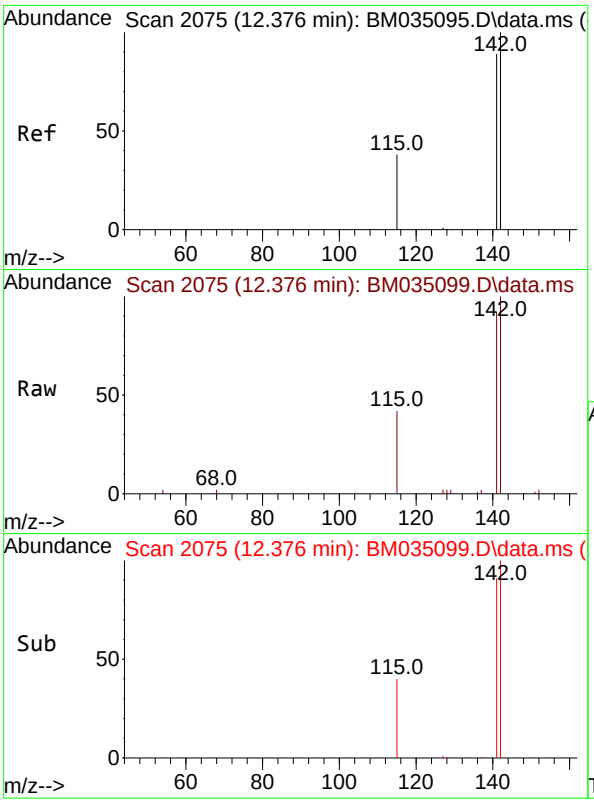


#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:128 Resp: 10619

Ion	Ratio	Lower	Upper
128	100		
129	11.9	13.4	20.2#
127	13.5	15.2	22.8#



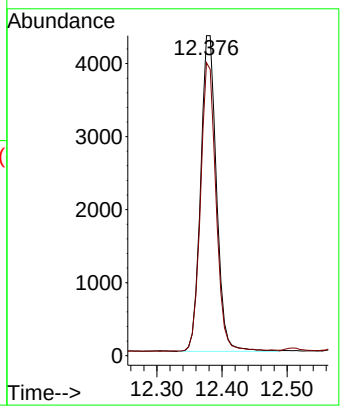


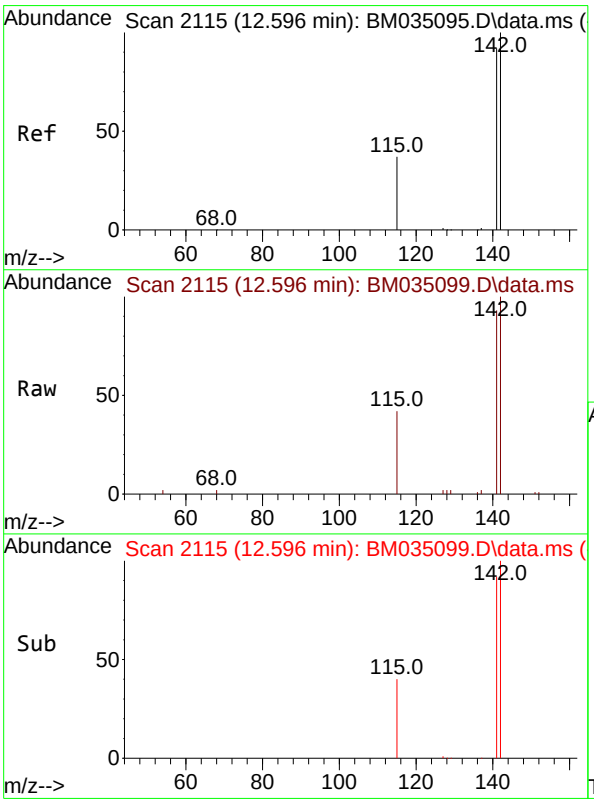
#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.376 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:142 Resp: 7299

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.6

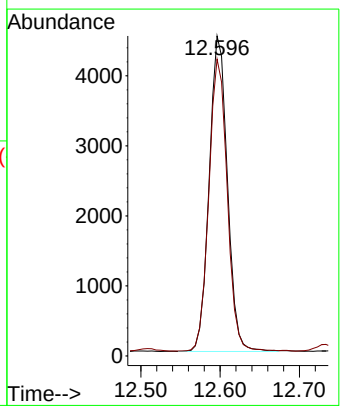


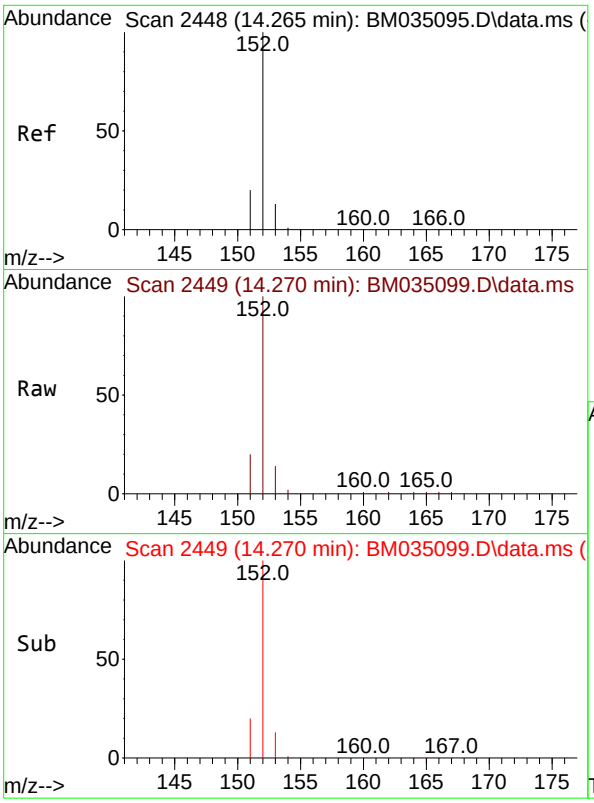


#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:142 Resp: 7197

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.0	112.4



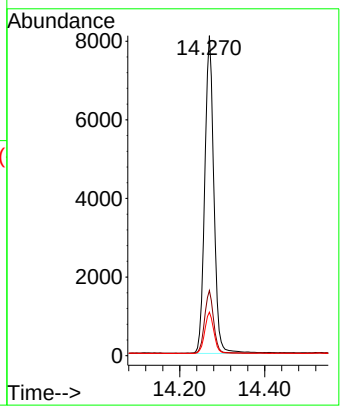


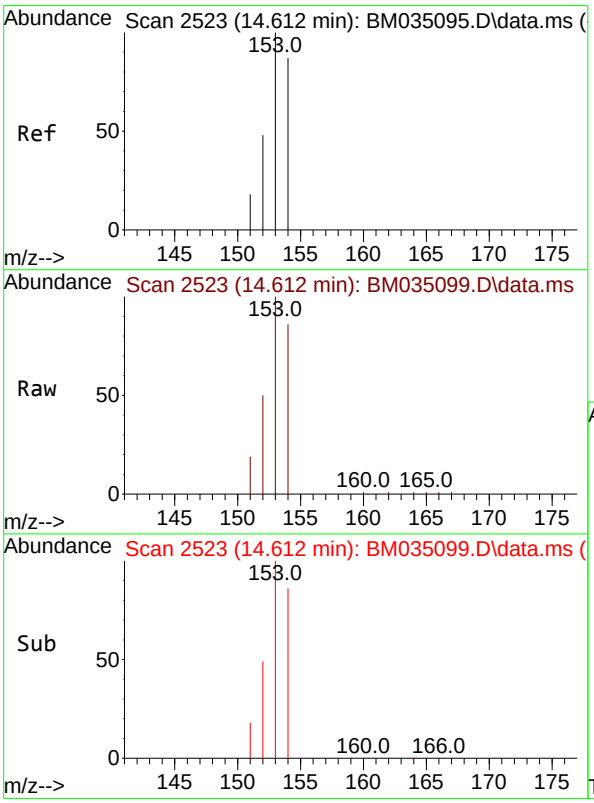
#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.270 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:152 Resp: 12055

Ion	Ratio	Lower	Upper
152	100		
151	20.4	19.9	29.9
153	13.6	15.0	22.4#

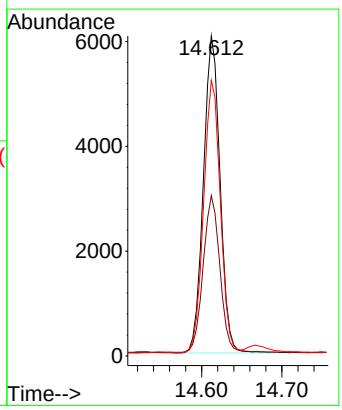


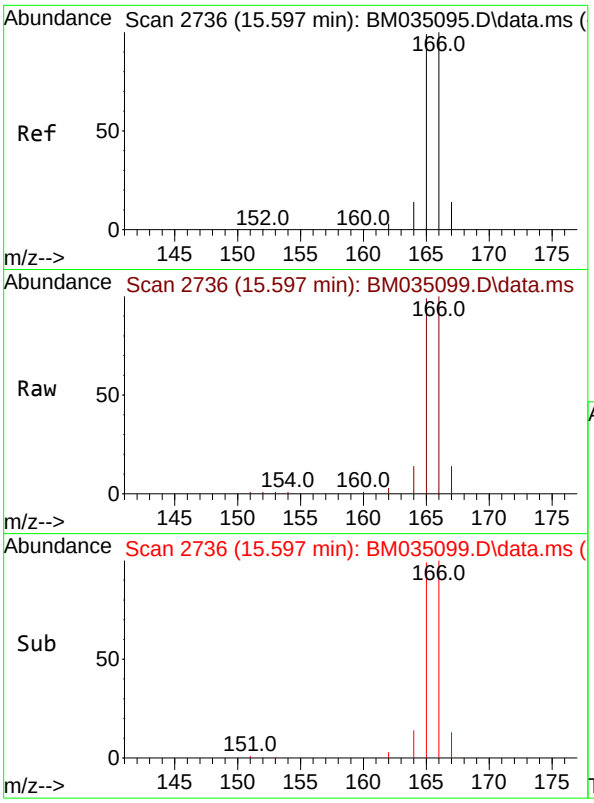


#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:153 Resp: 8699

Ion	Ratio	Lower	Upper
153	100		
152	50.1	42.4	63.6
154	86.2	66.2	99.2



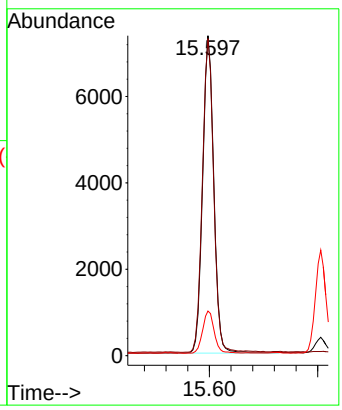


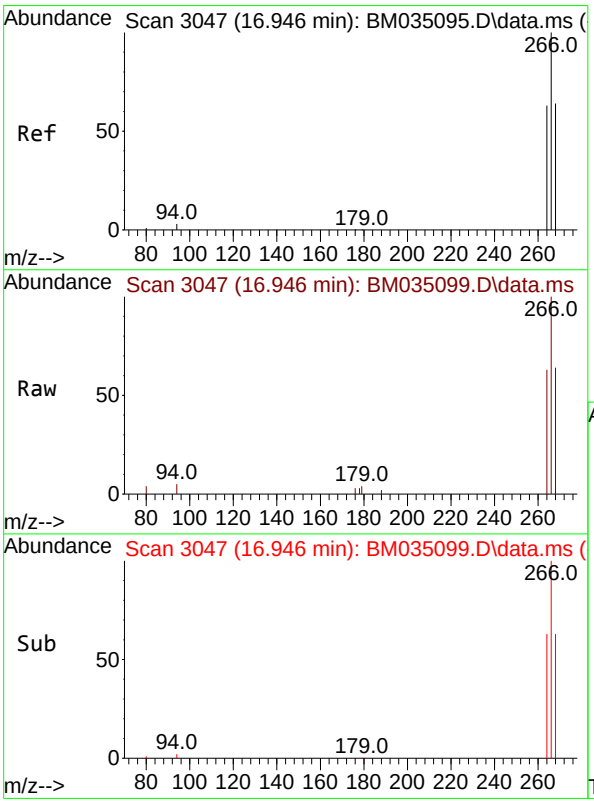
#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.597 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:166 Resp: 10503

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.1	121.7
167	13.9	14.9	22.3#

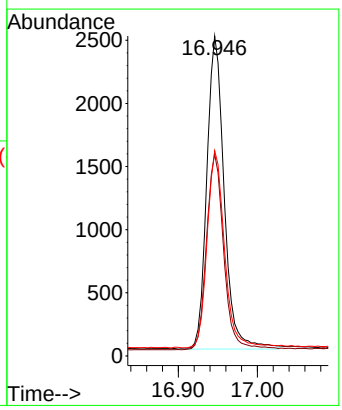


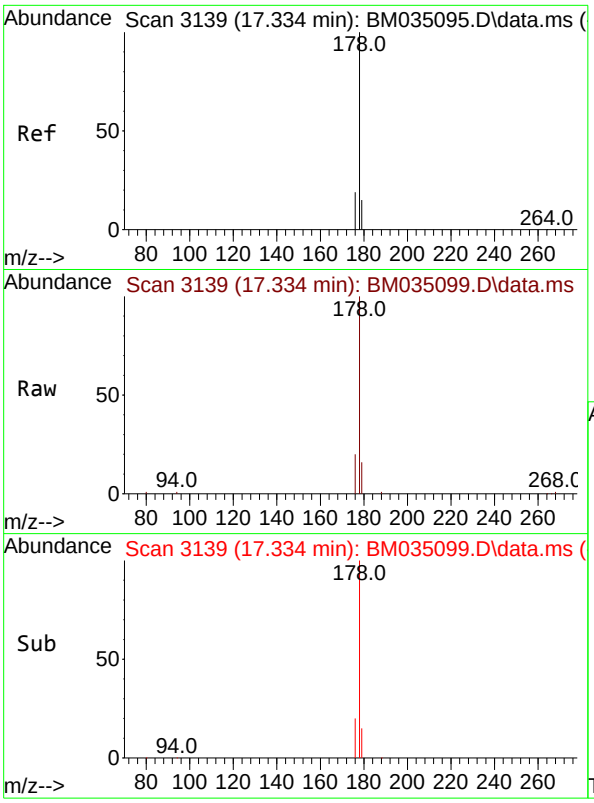


#14
Pentachlorophenol
Concen: 0.763 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:266 Resp: 3772

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.4	77.0
268	63.3	53.1	79.7



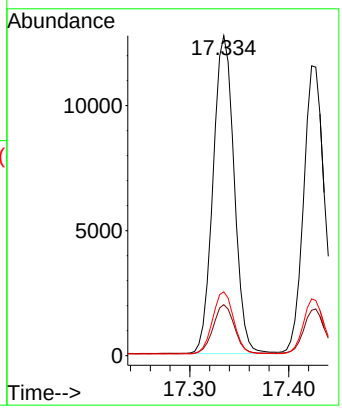


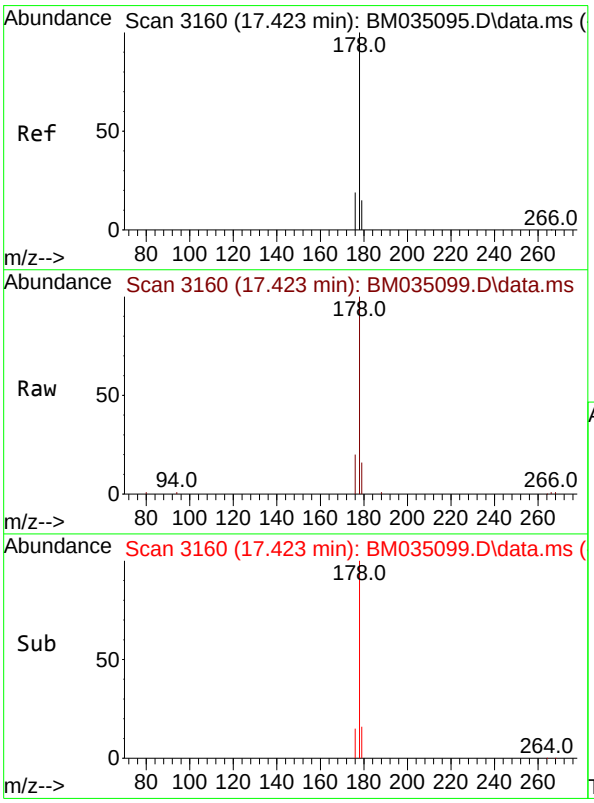
#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.334 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:178 Resp: 18797

Ion	Ratio	Lower	Upper
178	100		
179	15.9	15.0	22.6
176	19.9	17.9	26.9

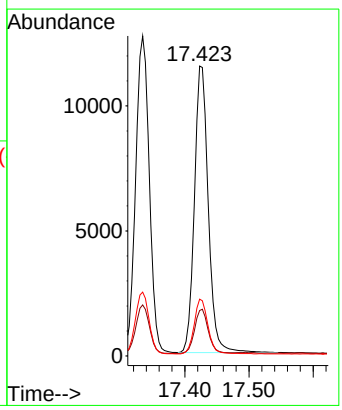


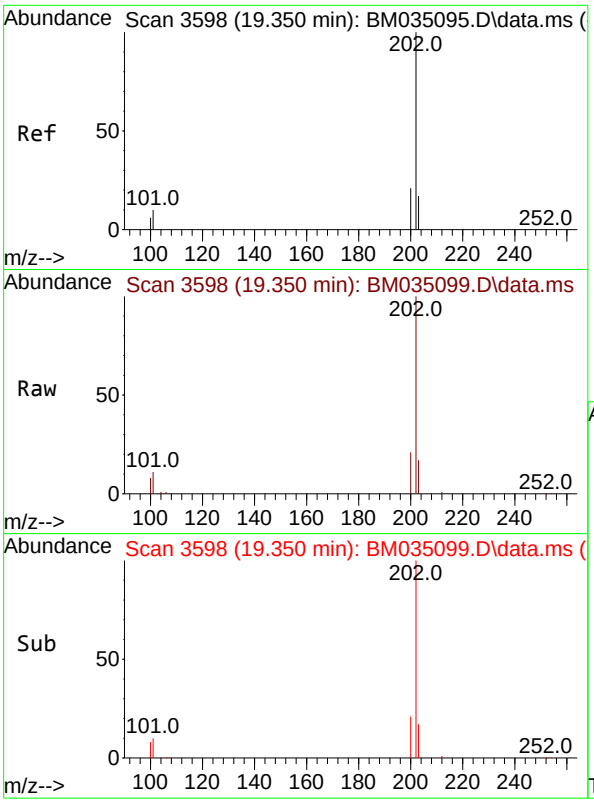


#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:178 Resp: 17229

Ion	Ratio	Lower	Upper
178	100		
179	15.7	16.5	24.7#
176	19.6	18.3	27.5



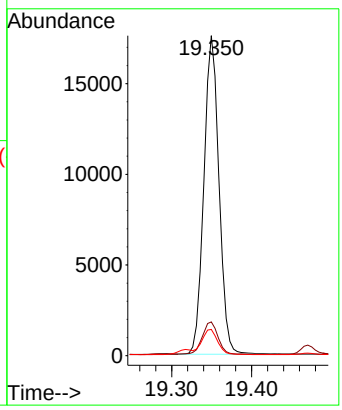


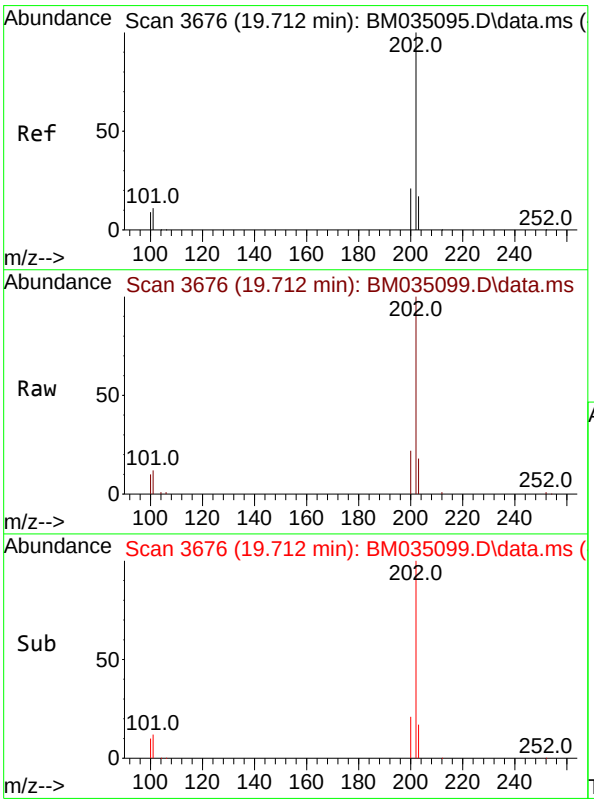
#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.350 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:202 Resp: 23079

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.2	13.8
100	8.2	7.2	10.8

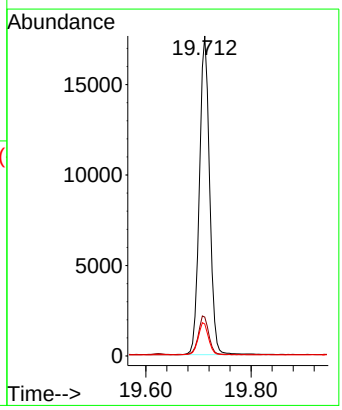


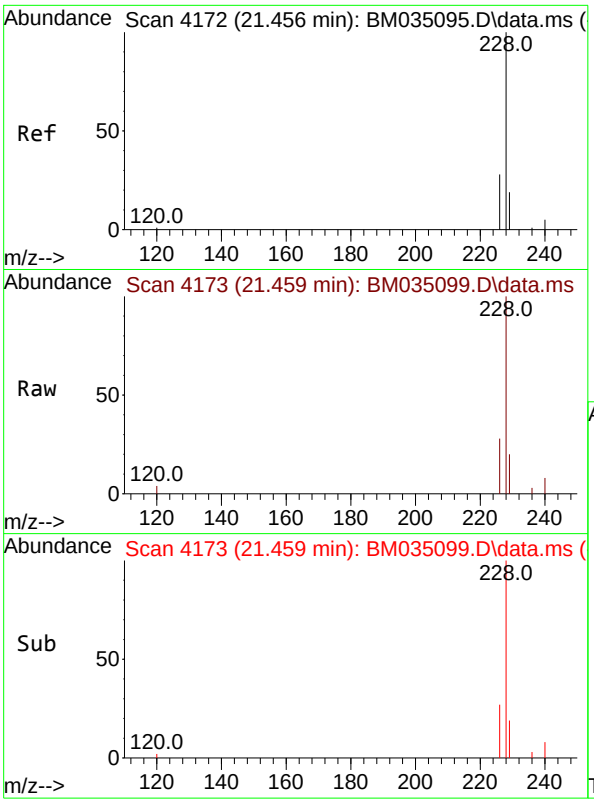


#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:202 Resp: 23680

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.3	13.9
100	10.0	7.8	11.6



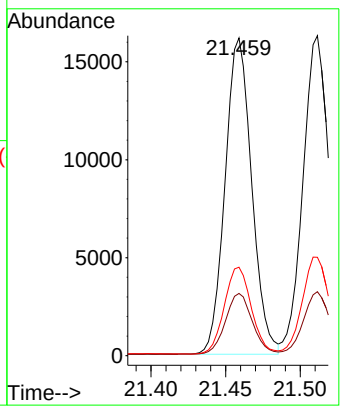


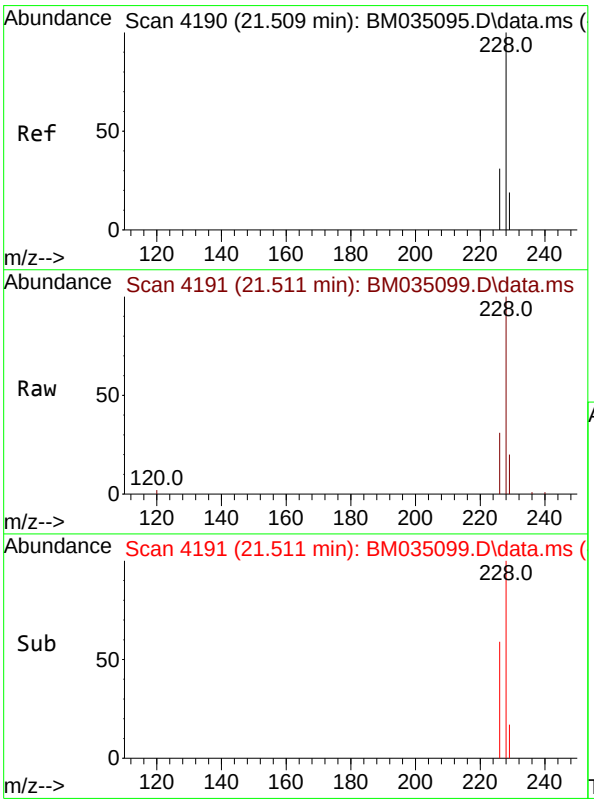
#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.459 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:228 Resp: 20048

Ion	Ratio	Lower	Upper
228	100		
229	19.6	17.3	25.9
226	27.9	23.2	34.8

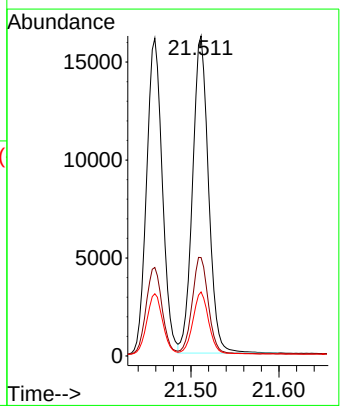


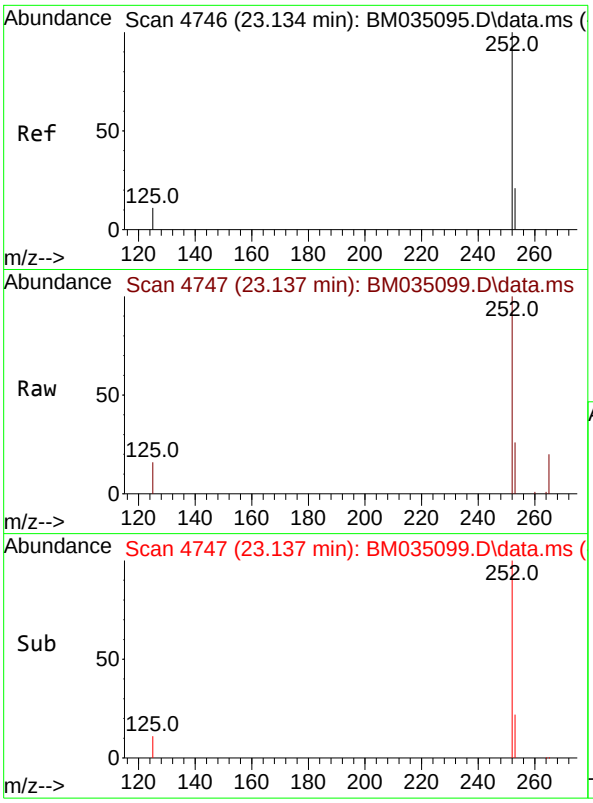


#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:228 Resp: 20428

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.8	38.8
229	20.0	16.7	25.1



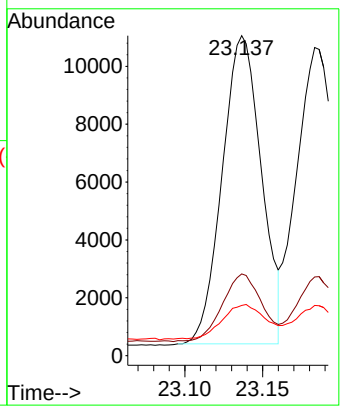


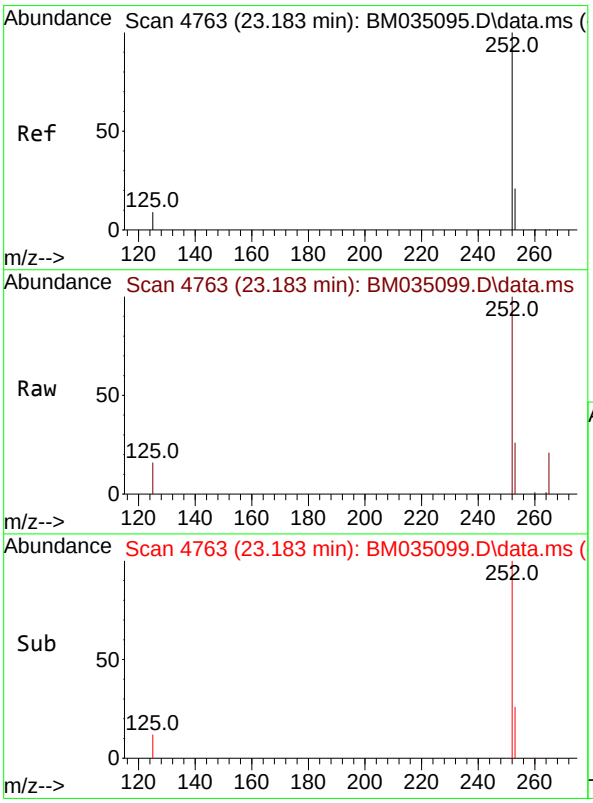
#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.137 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:252 Resp: 18634

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	64.2
125	15.7	0.0	28.8

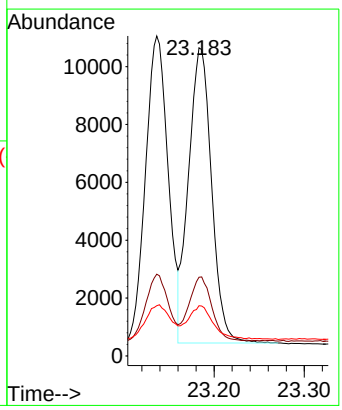


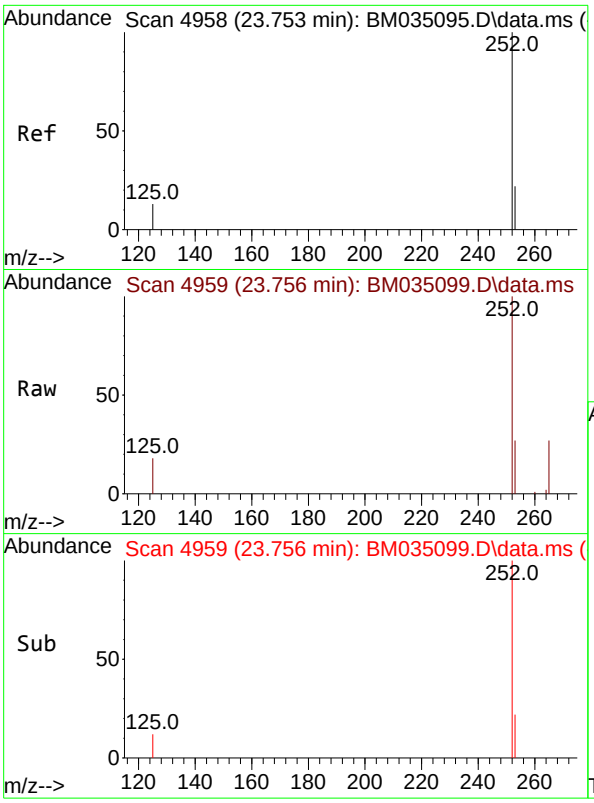


#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:252 Resp: 18102

Ion	Ratio	Lower	Upper
252	100		
253	25.5	26.8	40.2#
125	16.3	12.0	18.0



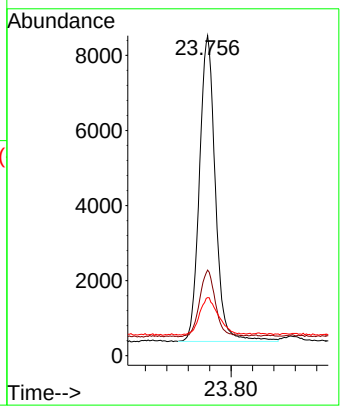


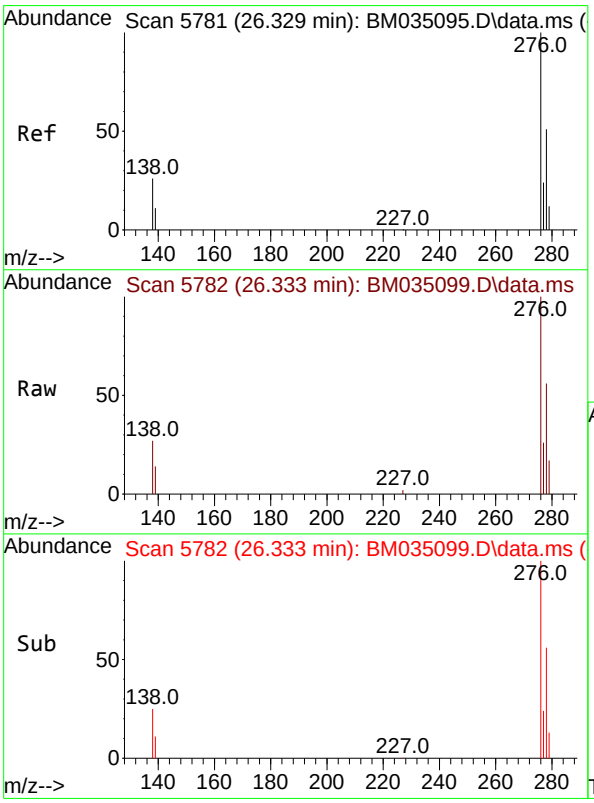
#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.756 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:252 Resp: 16750

Ion	Ratio	Lower	Upper
252	100		
253	26.7	32.0	48.0#
125	18.2	14.5	21.7

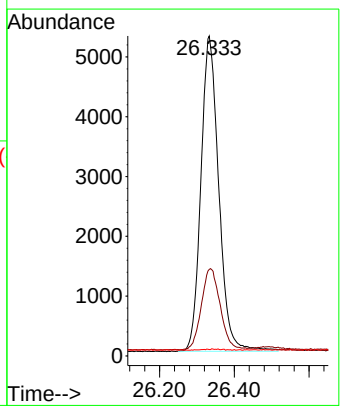


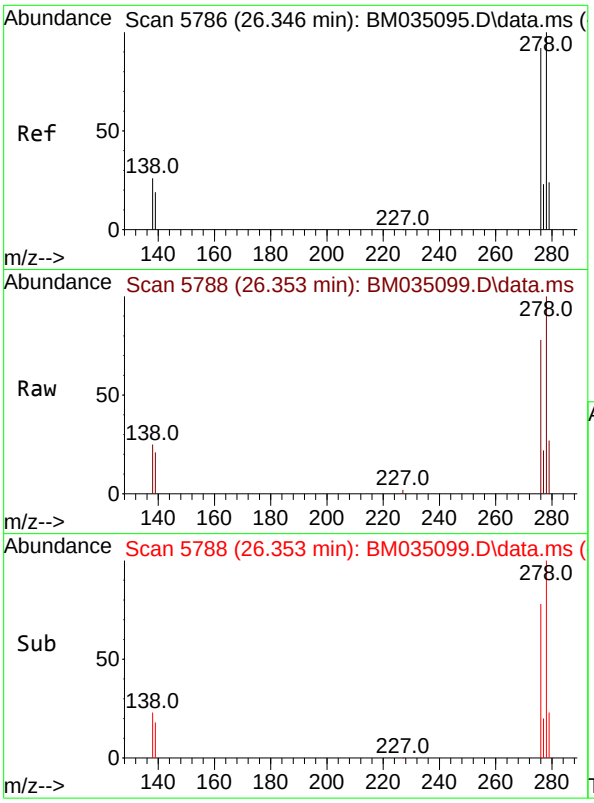


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:276 Resp: 17524

Ion	Ratio	Lower	Upper
276	100		
138	27.2	15.8	23.6#
227	0.1	0.0	0.0#



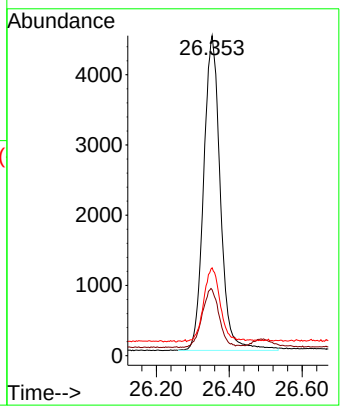


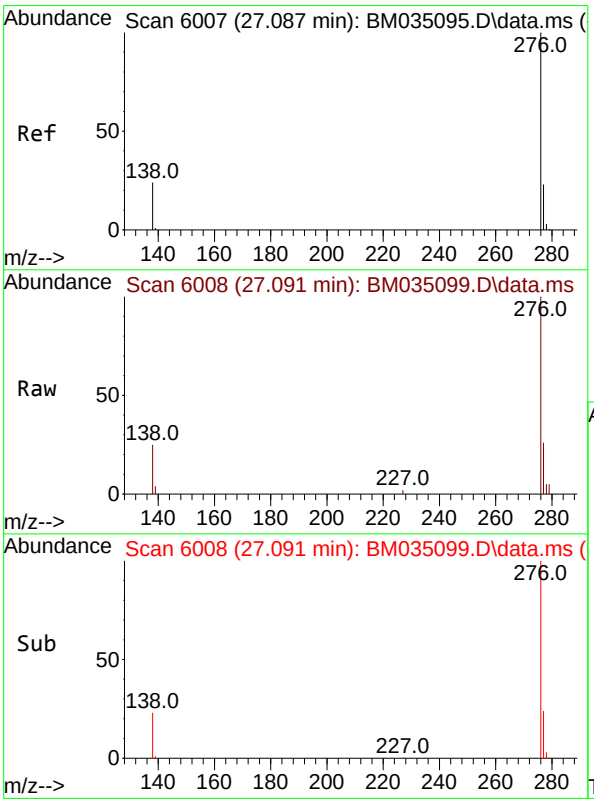
#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 26.353 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:278 Resp: 14234

Ion	Ratio	Lower	Upper
278	100		
139	20.6	18.0	27.0
279	27.4	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.010 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Tgt Ion:276 Resp: 15028

Ion	Ratio	Lower	Upper
276	100		
138	24.6	17.4	26.0
277	25.7	22.6	33.8