Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037414.D
Acq On : 08 Nov 2022 05:11
Operator : CG/JU
Sample : PB148839BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS839

Quant Time: Nov 08 06:05:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	4694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	15389	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	8852	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	18185	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	11901	0.400	ng/ul	# 0.00
23) Perylene-d12	23.713	264	9849	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	4198	0.704	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	8987	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	17416	0.468	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.289	88	10847	1.841	ng/ul#	83
5) Naphthalene	10.683	128	17331	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	10880	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	11720	0.408	ng/ul	100
10) Acenaphthylene	14.187	152	14938	0.396	ng/ul	99
11) Acenaphthene	14.529	153	13263	0.398	ng/ul	99
12) Fluorene	15.519	166	14949	0.392	ng/ul	99
14) Pentachlorophenol	16.870	266	2568	0.535	ng/ul	99
15) Phenanthrene	17.250	178	24294	0.390	ng/ul	100
16) Anthracene	17.343	178	19822	0.391	ng/ul	99
19) Fluoranthene	19.262	202	26963	0.478	ng/ul	97
20) Pyrene	19.624	202	28031	0.475	ng/ul	99
21) Benzo(a)anthracene	21.366	228	21279	0.414	ng/ul	100
22) Chrysene	21.418	228	24482	0.428	ng/ul	99
24) Benzo(b)fluoranthene	22.999	252	24610	0.435	ng/ul	98
25) Benzo(k)fluoranthene	23.049	252	23145	0.428	ng/ul	99
26) Benzo(a)pyrene	23.610	252	20080	0.425	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.122	276	26043	0.414	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.139	278	19766	0.408	ng/ul	97
29) Benzo(g,h,i)perylene	26.860	276	22482	0.413	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037414.D
Acq On : 08 Nov 2022 05:11
Operator : CG/JU
Sample : PB148839BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Nov 08 06:05:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
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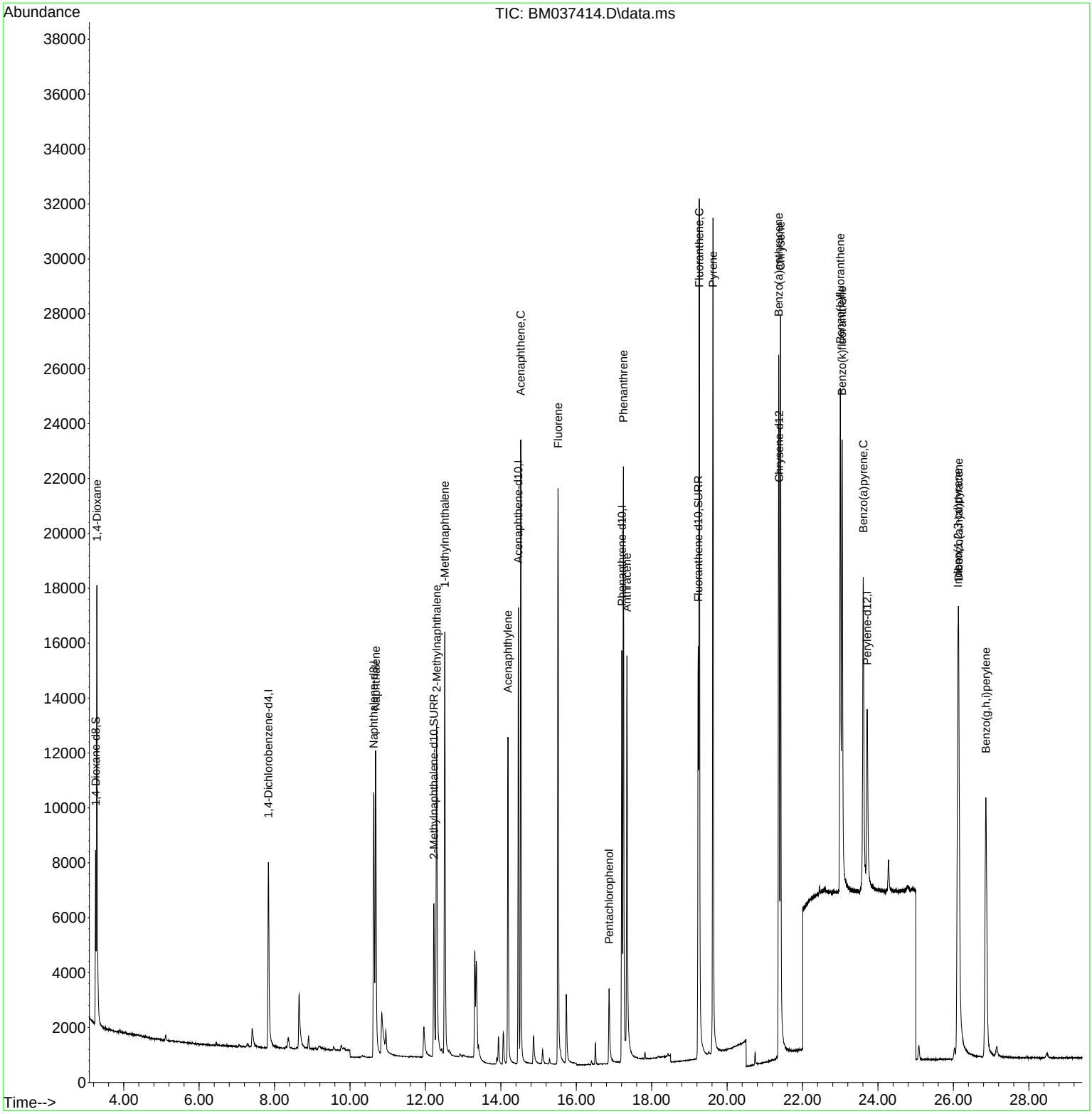
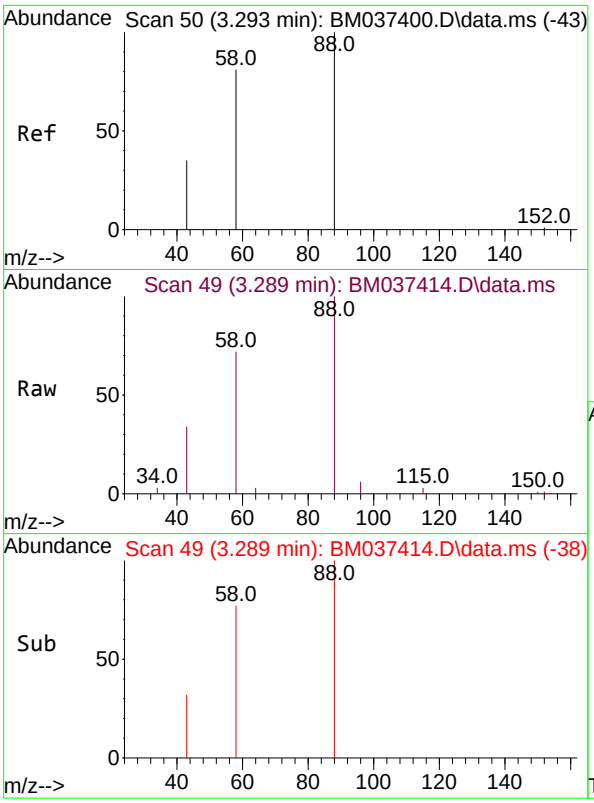


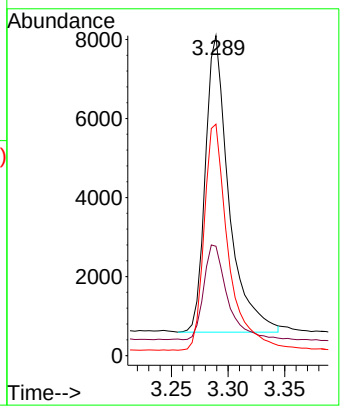


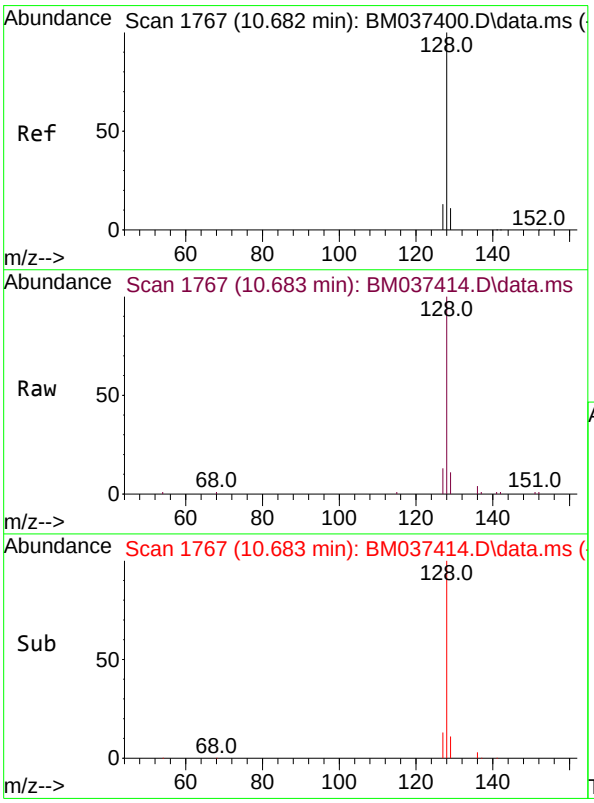
#2
1,4-Dioxane
Concen: 1.841 ng/ul
RT: 3.289 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion: 88 Resp: 10847

Ion	Ratio	Lower	Upper
88	100		
43	34.2	39.9	59.9#
58	72.3	50.2	75.2

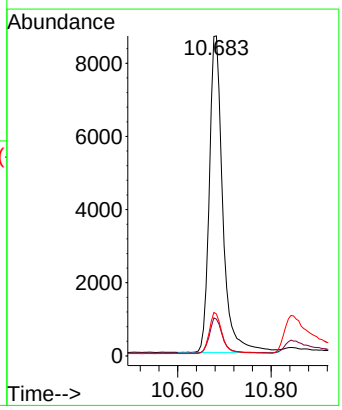


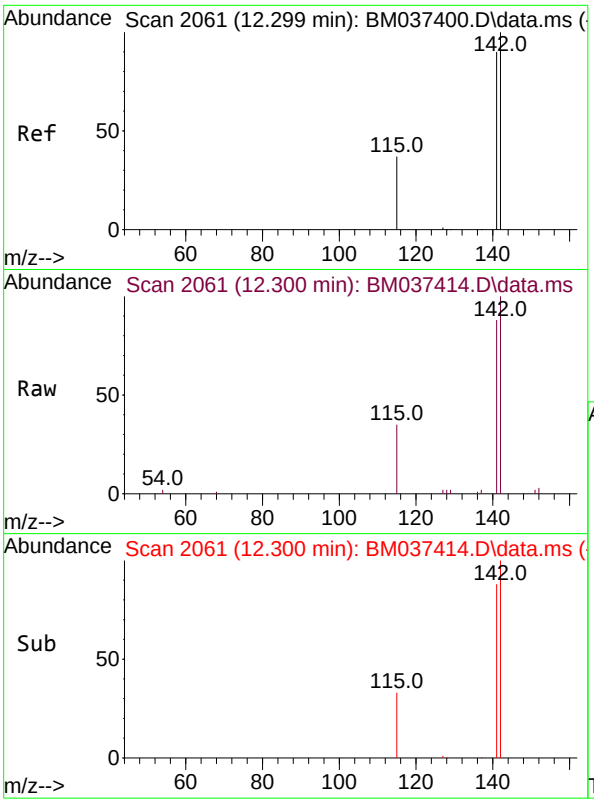


#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:128 Resp: 17331

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.1	10.2	15.4



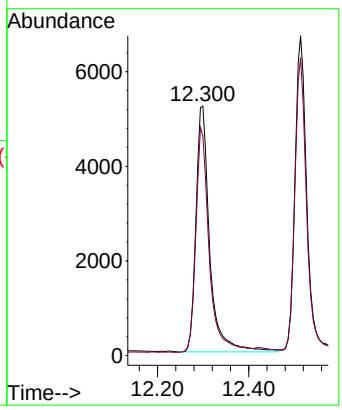


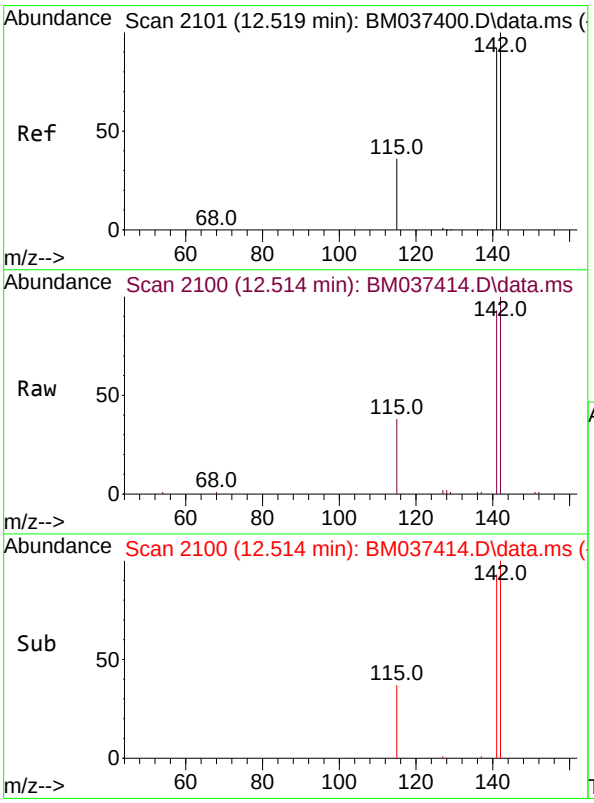
#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.300 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:142 Resp: 10880

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8

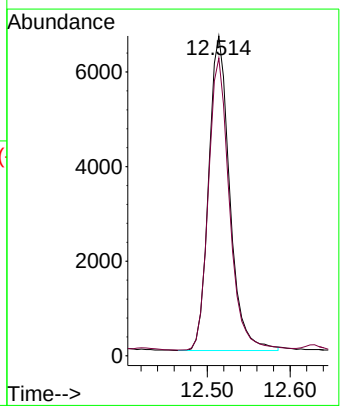


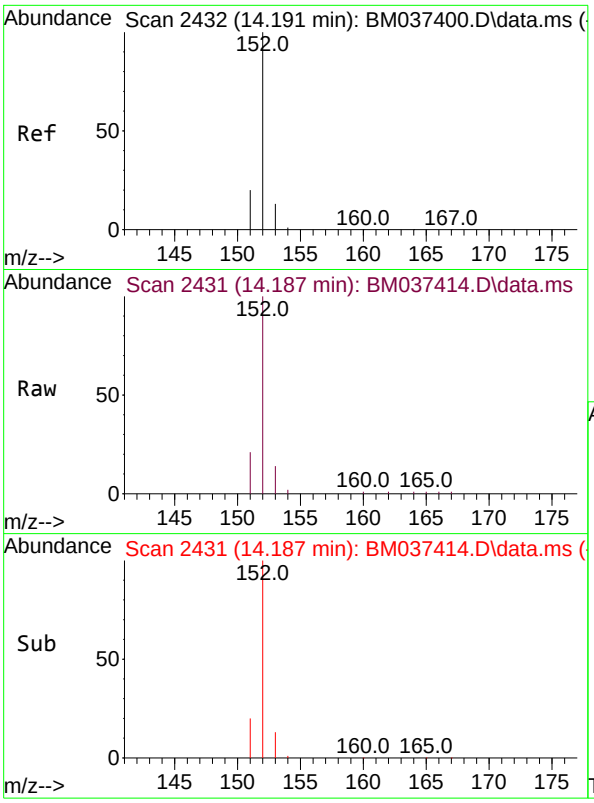


#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:142 Resp: 11720

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9



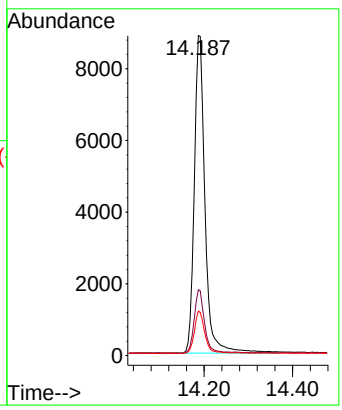


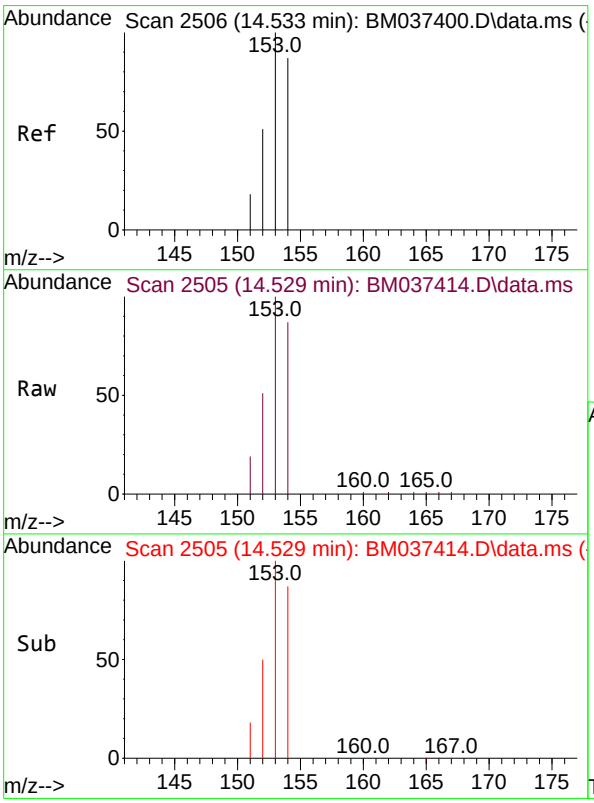
#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.187 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:152 Resp: 14938

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	13.9	11.0	16.4

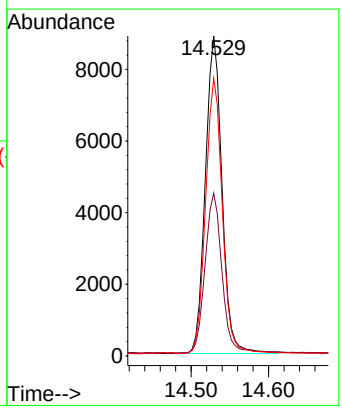


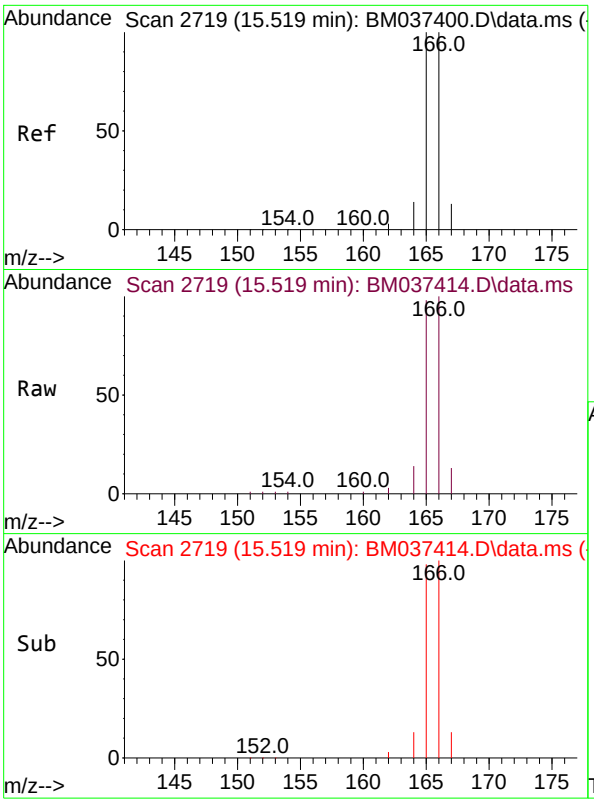


#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:153 Resp: 13263

Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.2	60.4
154	86.7	70.4	105.6



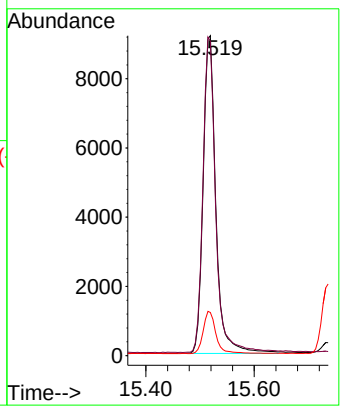


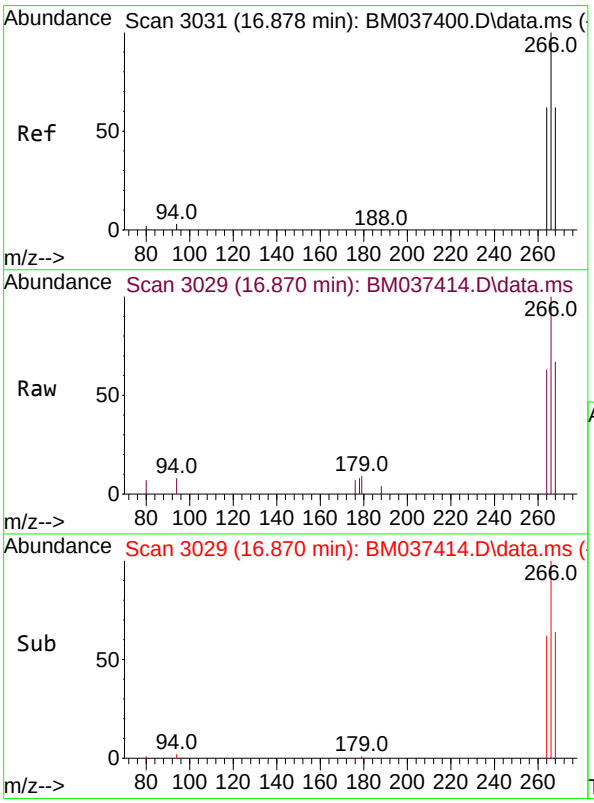
#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.519 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:166 Resp: 14949

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.5	11.1	16.7

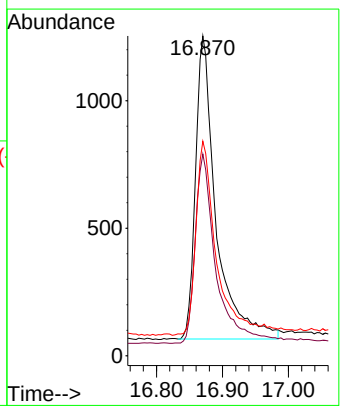


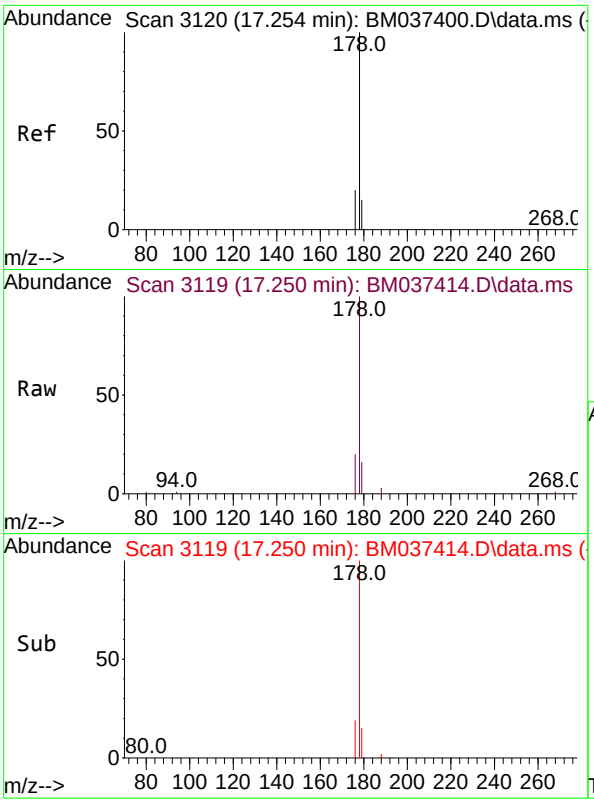


#14
Pentachlorophenol
Concen: 0.535 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.008 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:266 Resp: 2568

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.9	74.9
268	65.1	51.9	77.9



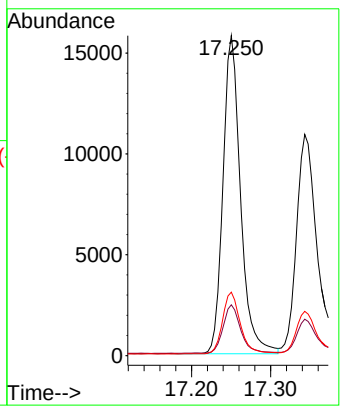


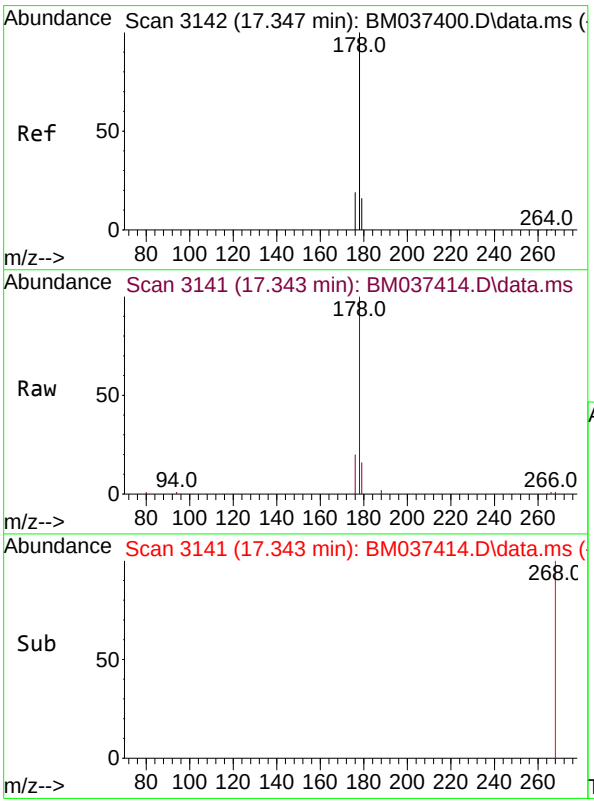
#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.250 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:178 Resp: 24294

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.8	16.0	24.0

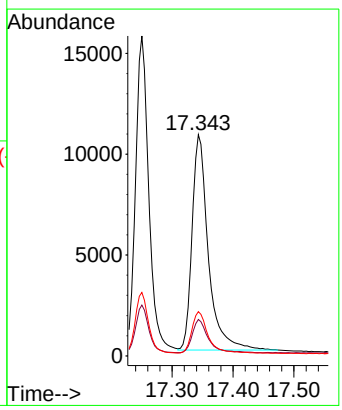


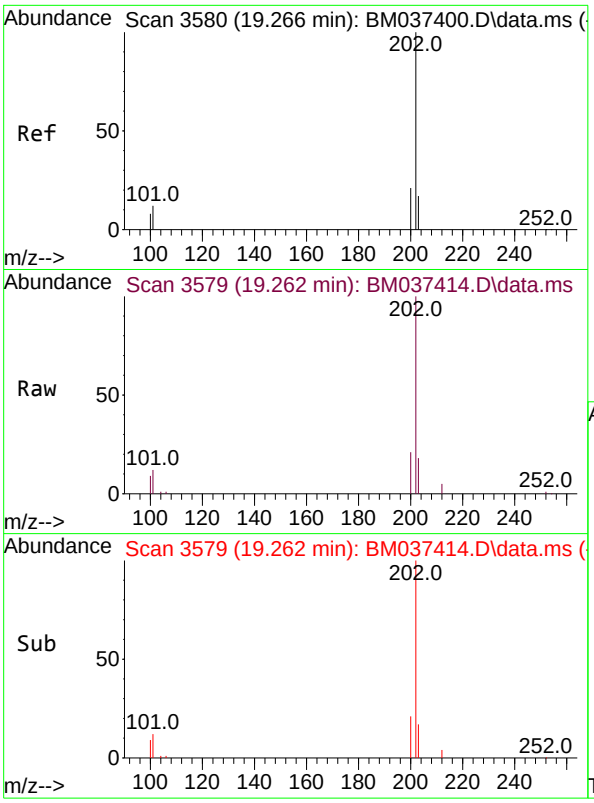


#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:178 Resp: 19822

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.4
176	20.0	15.5	23.3



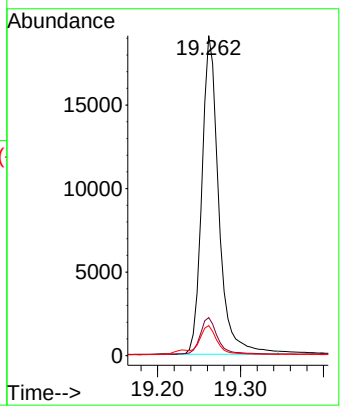


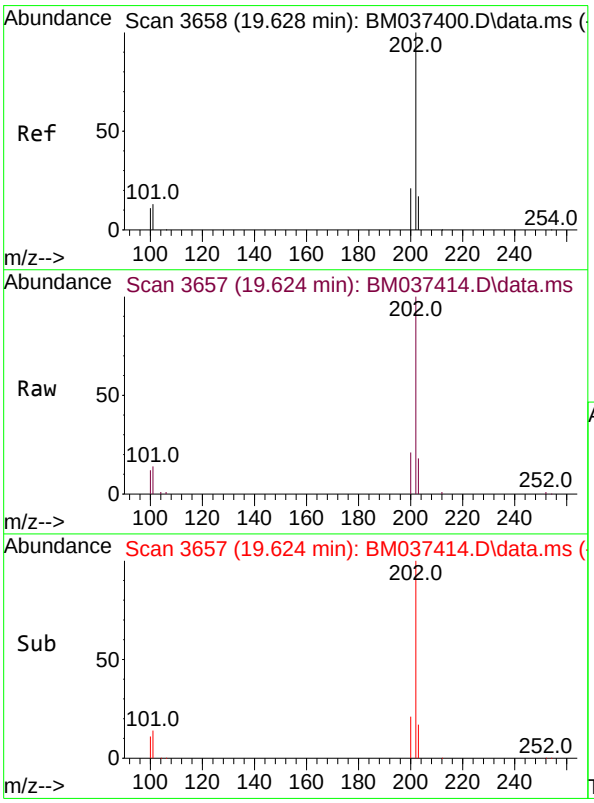
#19
Fluoranthene
Concen: 0.478 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:202 Resp: 26963

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.7	13.1
100	9.4	6.6	10.0

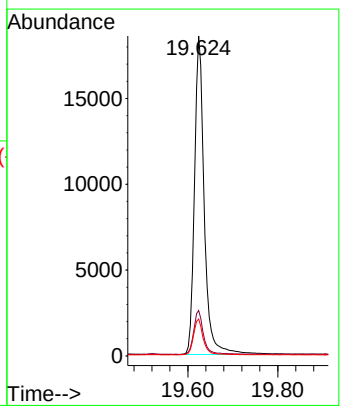


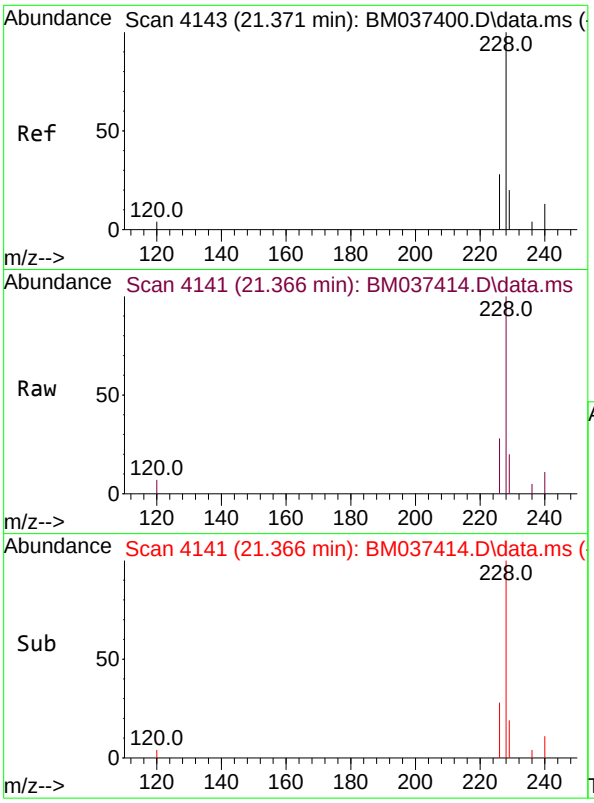


#20
Pyrene
Concen: 0.475 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.004 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:202 Resp: 28031

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.1	16.7
100	11.5	9.0	13.4



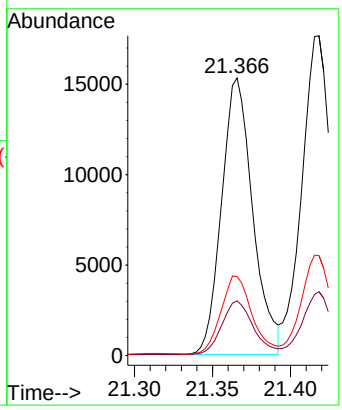


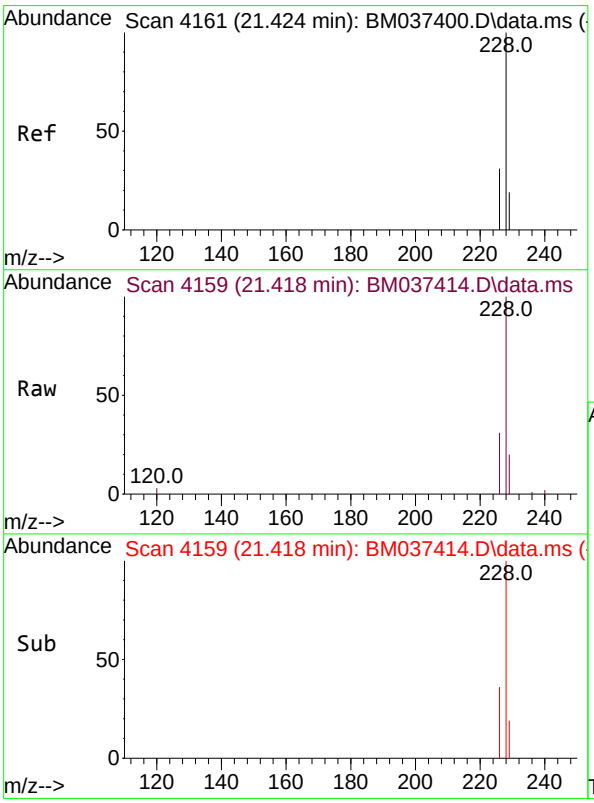
#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:228 Resp: 21279

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	28.5	22.6	33.8

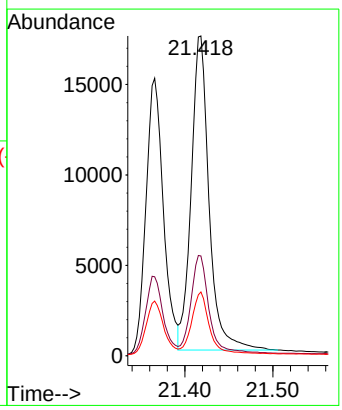


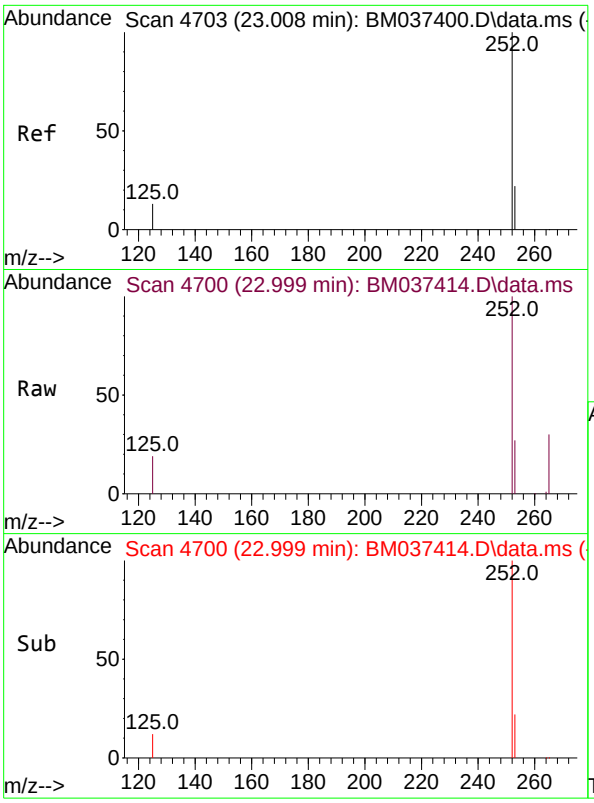


#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:228 Resp: 24482

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.0	15.6	23.4



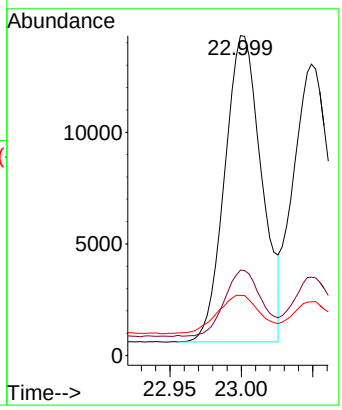


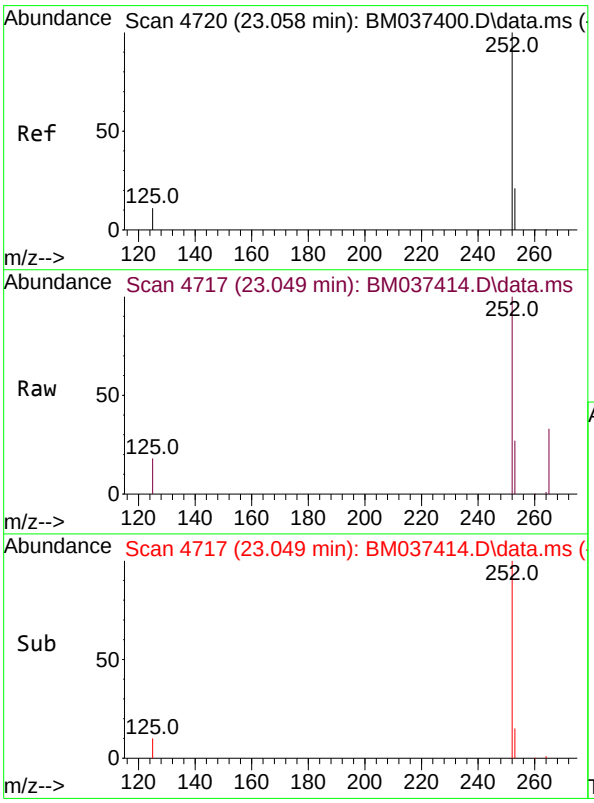
#24
Benzo(b)fluoranthene
Concen: 0.435 ng/ul
RT: 22.999 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:252 Resp: 24610

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	52.6
125	18.8	0.0	34.0

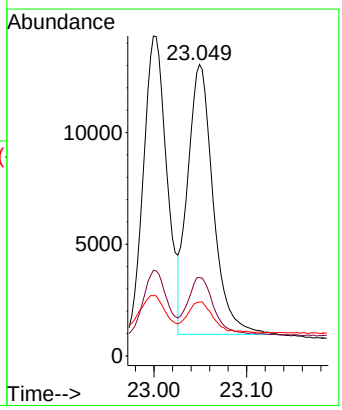


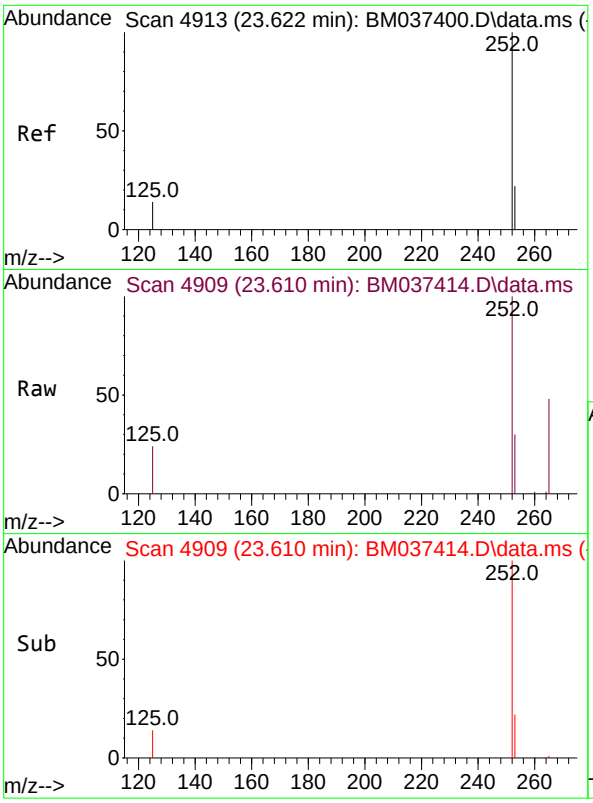


#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:252 Resp: 23145

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.6	32.4
125	18.5	13.8	20.8



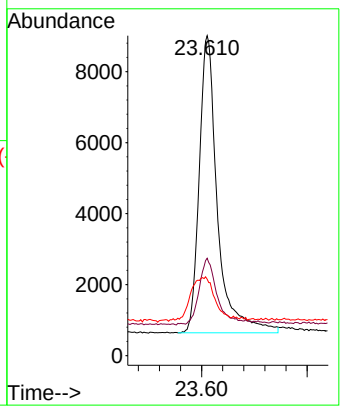


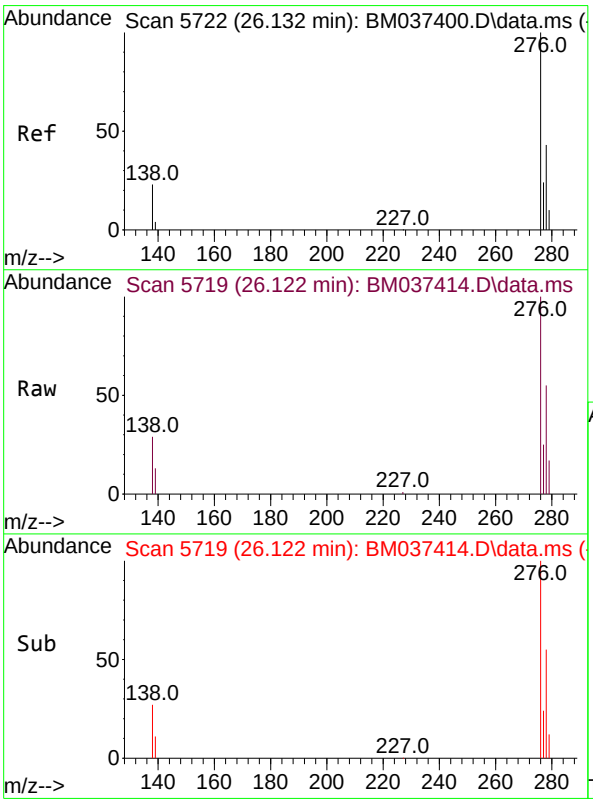
#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.610 min Scan# 49
Delta R.T. -0.009 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:252 Resp: 20080

Ion	Ratio	Lower	Upper
252	100		
253	30.4	23.8	35.6
125	23.9	17.2	25.8

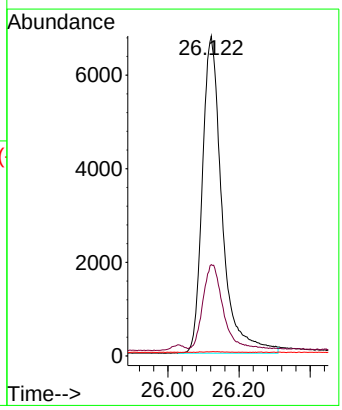


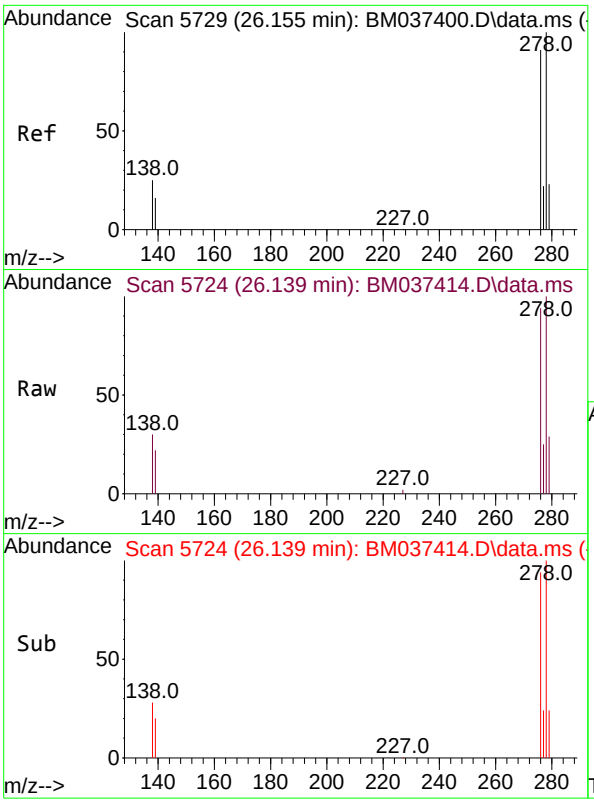


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 26.122 min Scan# 5719
Delta R.T. -0.017 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:276 Resp: 26043

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.8	31.2
227	0.2	0.1	0.1#



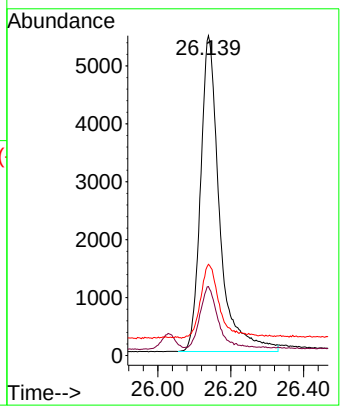


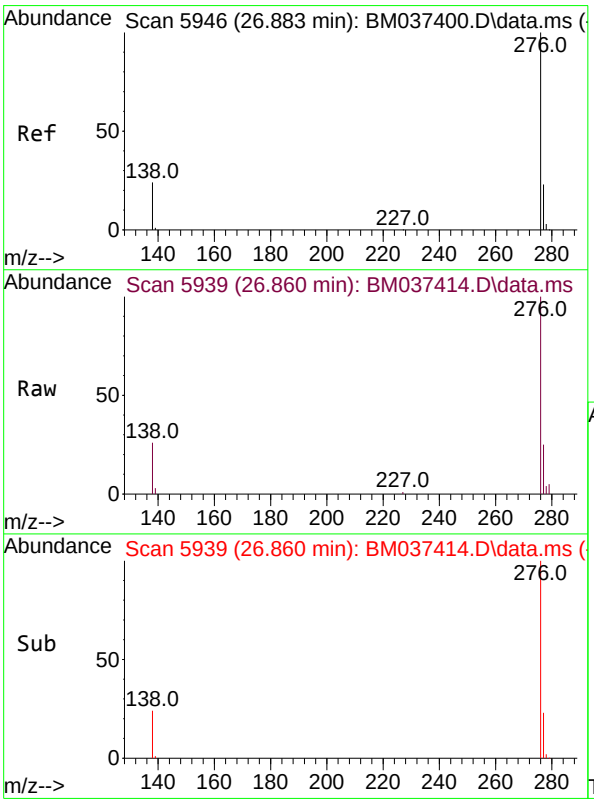
#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.139 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Instrument :
BNA_M
ClientSampleId :
SLCS839

Tgt Ion:278 Resp: 19766

Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.2	22.8
279	28.5	22.2	33.2





#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.860 min Scan# 5939
Delta R.T. -0.020 min
Lab File: BM037414.D
Acq: 08 Nov 2022 05:11

Tgt Ion:276 Resp: 22482

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.6	29.4
277	24.7	20.1	30.1