Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
Data File : BM037514.D
Acq On : 16 Nov 2022 19:30
Operator : CG/JU
Sample : SSTD3.290
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Quant Time: Nov 17 00:34:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:28:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	6040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.969	136	17640	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.765	164	11912	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.495	188	26415	0.400	ng/ul	0.00
17) Chrysene-d12	21.658	240	21908	0.400	ng/ul	0.00
23) Perylene-d12	24.154	264	22139	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	21810	2.844	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	96064	3.623	ng/ul	0.00
18) Fluoranthene-d10	19.508	212	235950	3.443	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.491	88	23059	3.042	ng/ul#	54
5) Naphthalene	11.018	128	173178	3.389	ng/ul	97
7) 2-Methylnaphthalene	12.613	142	119800	3.739	ng/ul	100
8) 1-Methylnaphthalene	12.827	142	127068	3.855	ng/ul	100
10) Acenaphthylene	14.487	152	217748	4.293	ng/ul	99
11) Acenaphthene	14.825	153	150027	3.347	ng/ul	99
12) Fluorene	15.806	166	180760	3.523	ng/ul	100
14) Pentachlorophenol	17.140	266	22329	3.202	ng/ul	99
15) Phenanthrene	17.537	178	290564	3.213	ng/ul	99
16) Anthracene	17.630	178	286570	3.888	ng/ul	99
19) Fluoranthene	19.540	202	345890	3.333	ng/ul	100
20) Pyrene	19.898	202	354679	3.263	ng/ul	99
21) Benzo(a)anthracene	21.640	228	319418	3.379	ng/ul	100
22) Chrysene	21.696	228	309192	2.934	ng/ul	99
24) Benzo(b)fluoranthene	23.391	252	337594	2.657	ng/ul	97
25) Benzo(k)fluoranthene	23.441	252	330287	2.714	ng/ul	96
26) Benzo(a)pyrene	24.043	252	292408	2.753	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.782	276	391191	2.765	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.809	278	307014	2.819	ng/ul	97
29) Benzo(g,h,i)perylene	27.591	276	326032	2.665	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
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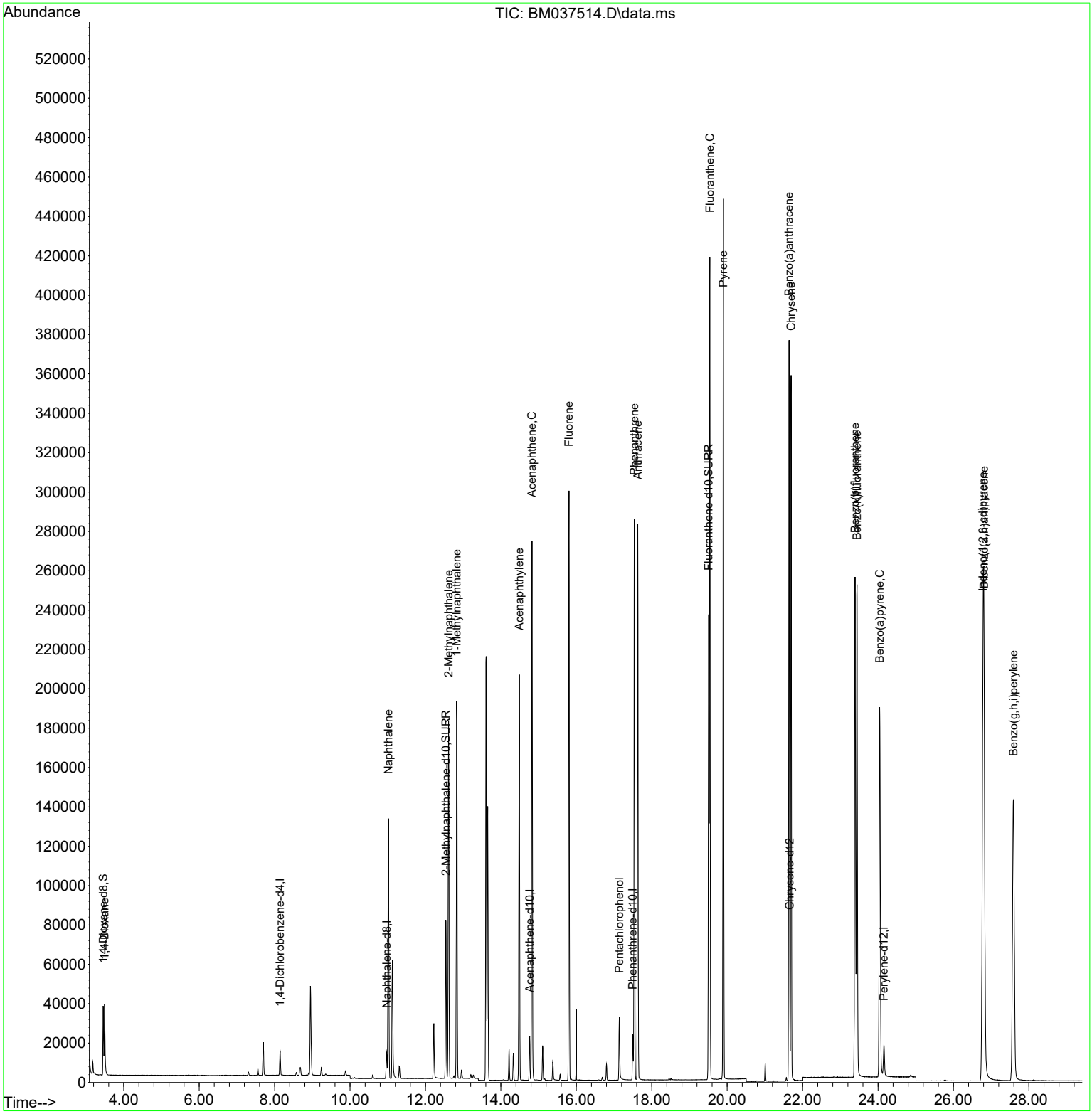
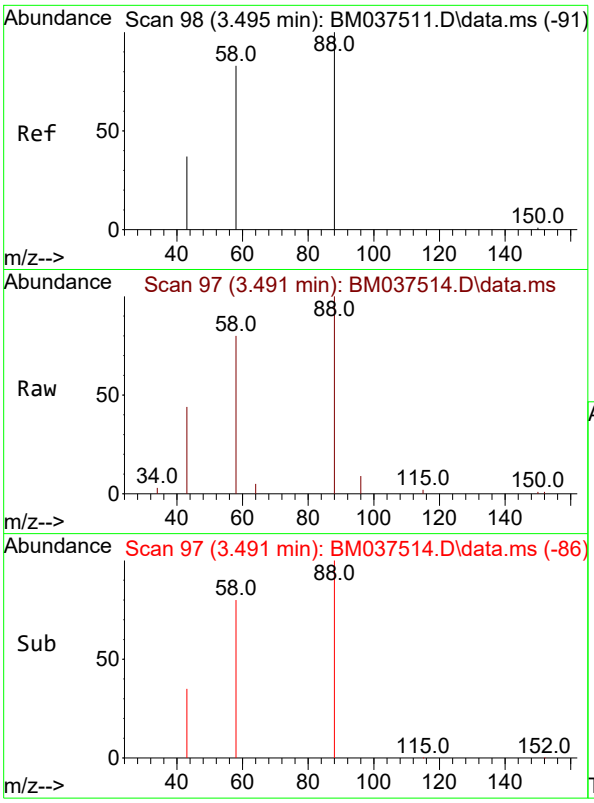


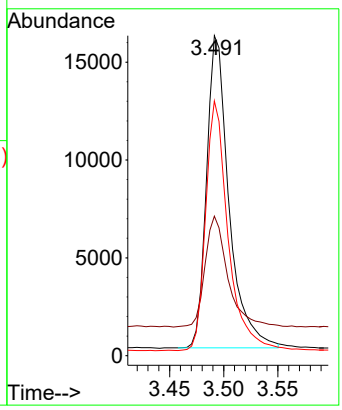


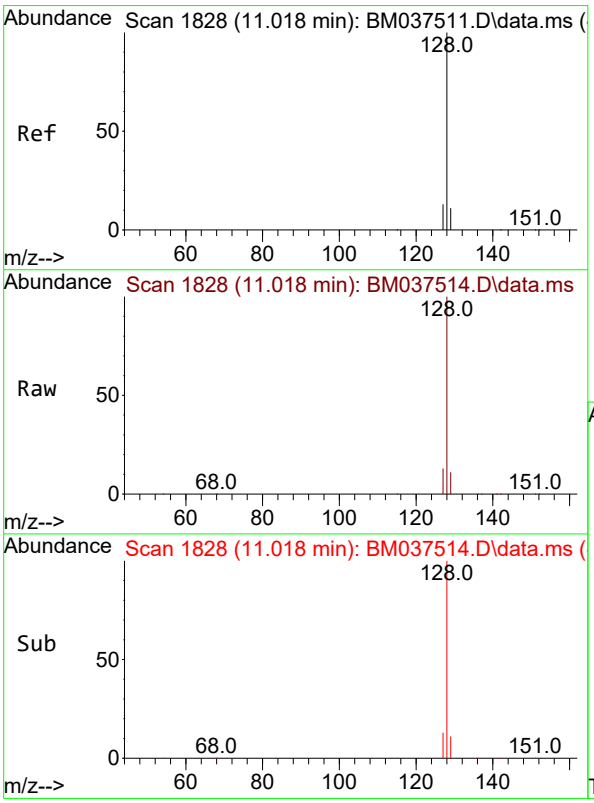
#2
1,4-Dioxane
Concen: 3.042 ng/ul
RT: 3.491 min Scan# 9
Delta R.T. -0.004 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion: 88 Resp: 23059

Ion	Ratio	Lower	Upper
88	100		
43	43.6	102.8	154.2#
58	79.6	67.3	100.9

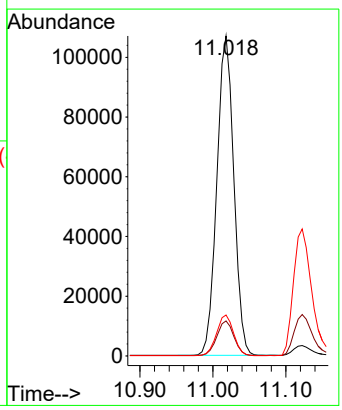


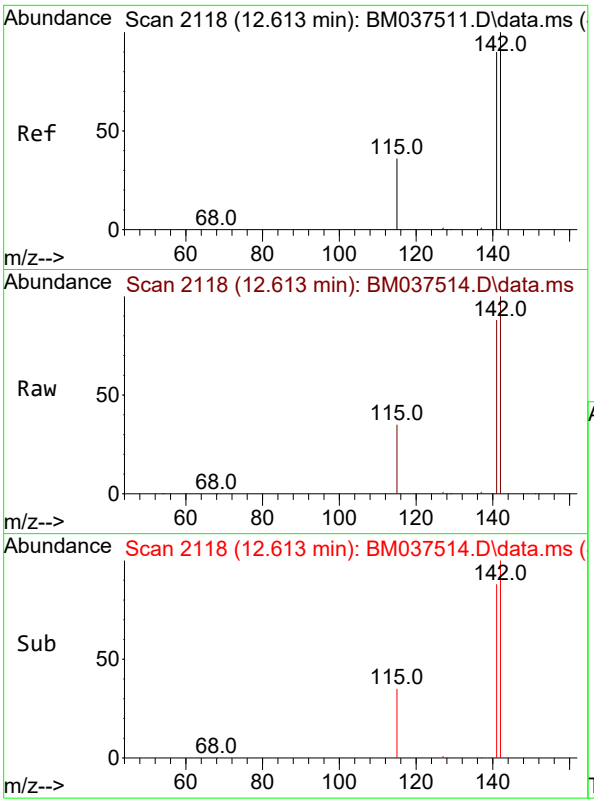


#5
Naphthalene
Concen: 3.389 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:128 Resp: 173178

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.8
127	12.8	11.0	16.4



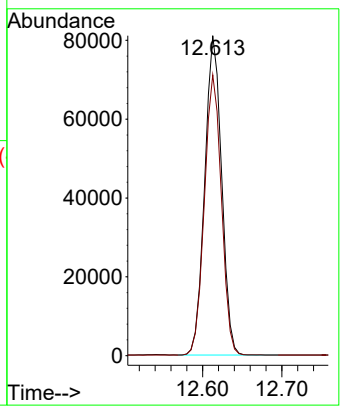


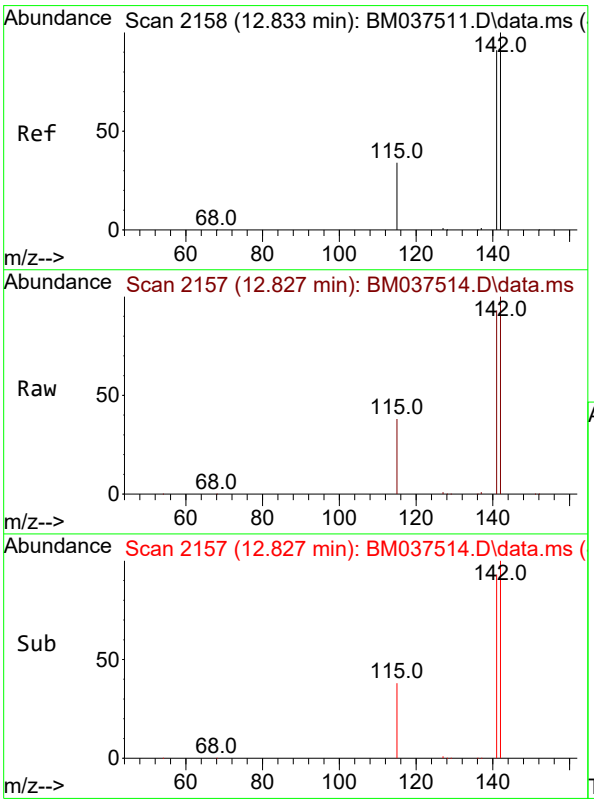
#7
2-Methylnaphthalene
Concen: 3.739 ng/ul
RT: 12.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:142 Resp: 119800

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.4

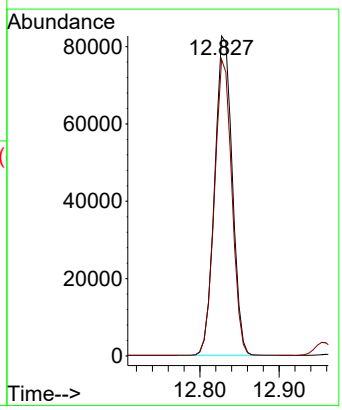


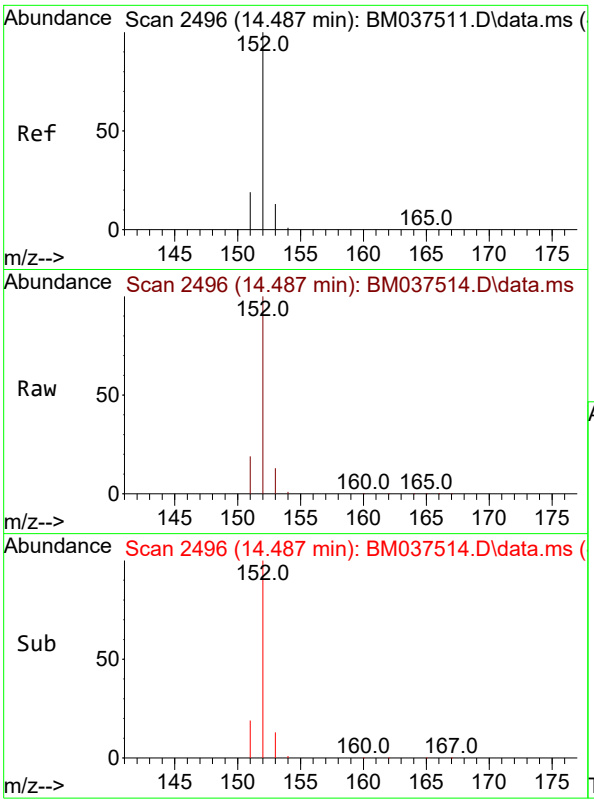


#8
1-Methylnaphthalene
Concen: 3.855 ng/ul
RT: 12.827 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:142 Resp: 127068

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.0



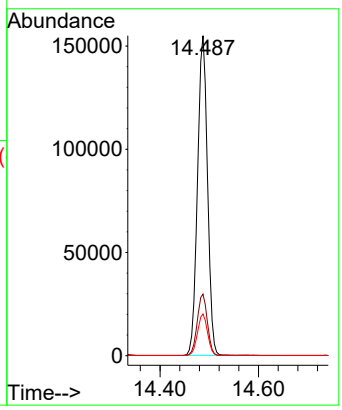


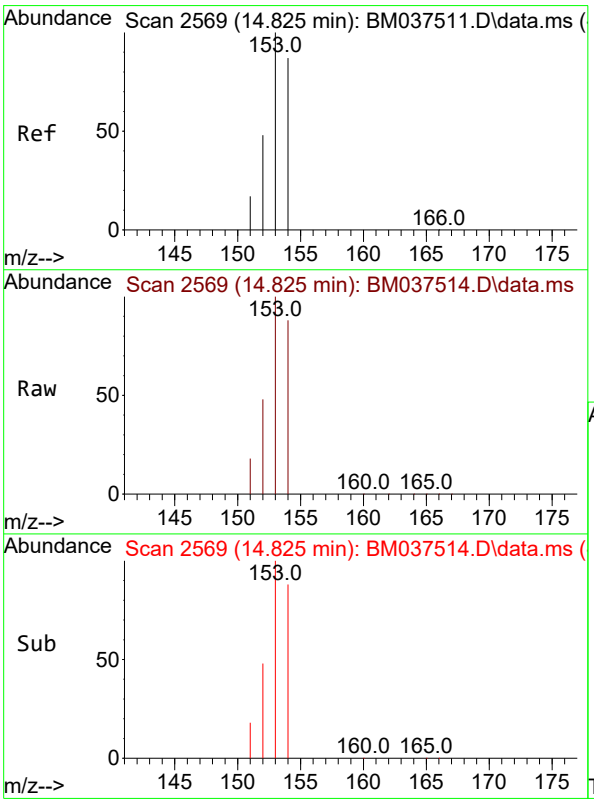
#10
Acenaphthylene
Concen: 4.293 ng/ul
RT: 14.487 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:152 Resp: 217748

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.1	11.0	16.4

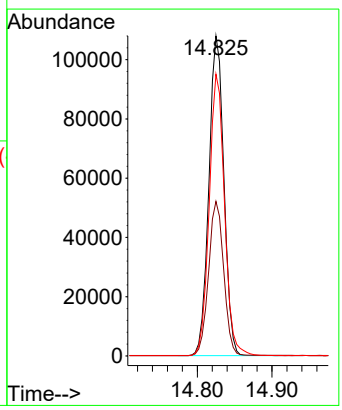


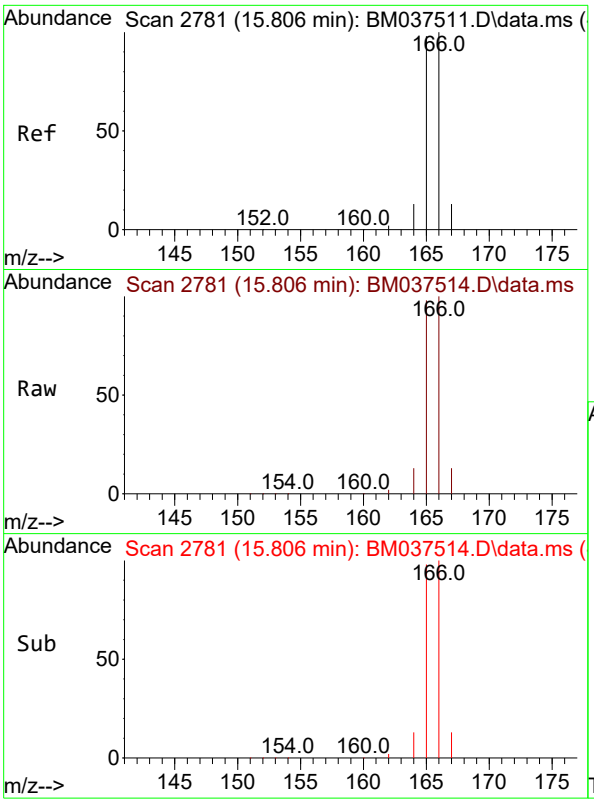


#11
Acenaphthene
Concen: 3.347 ng/ul
RT: 14.825 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:153 Resp: 150027

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.4	59.0
154	88.1	69.5	104.3



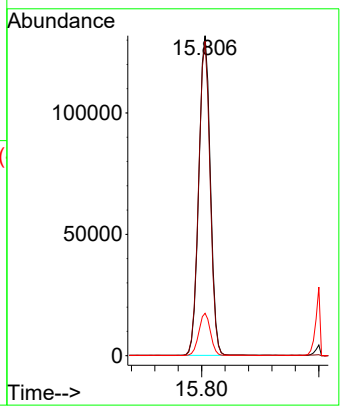


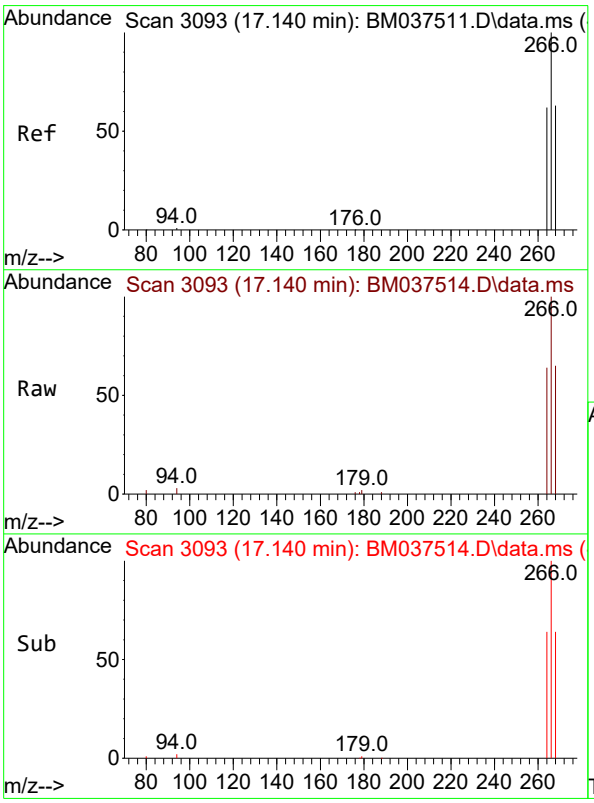
#12
Fluorene
Concen: 3.523 ng/ul
RT: 15.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:166 Resp: 180760

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.2	11.3	16.9

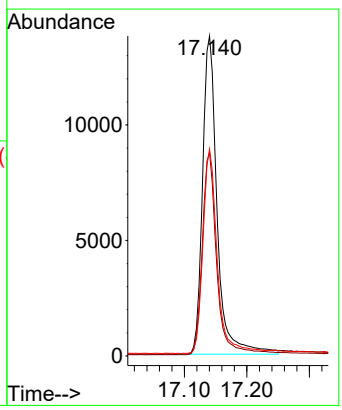


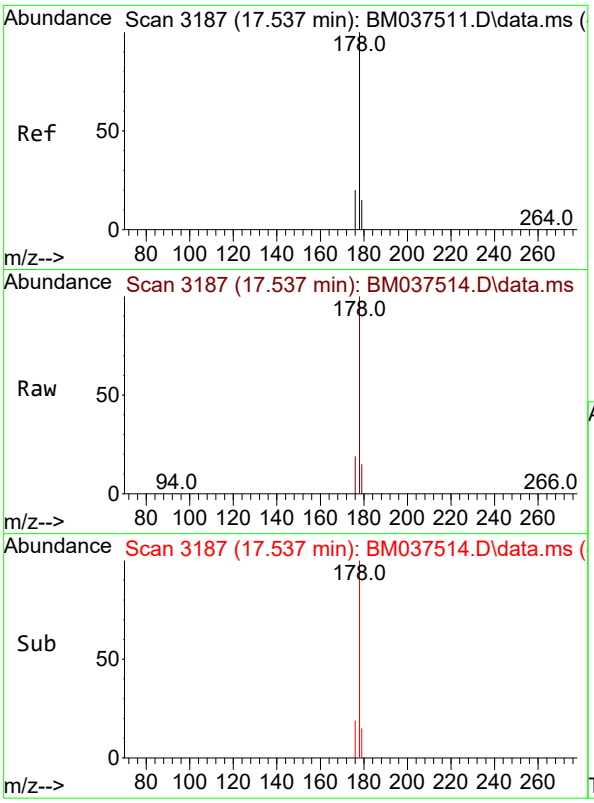


#14
Pentachlorophenol
Concen: 3.202 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:266 Resp: 22329

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.2	75.2
268	63.9	52.0	78.0



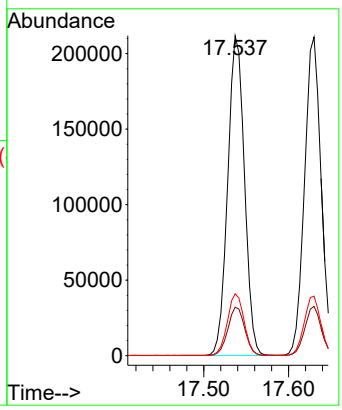


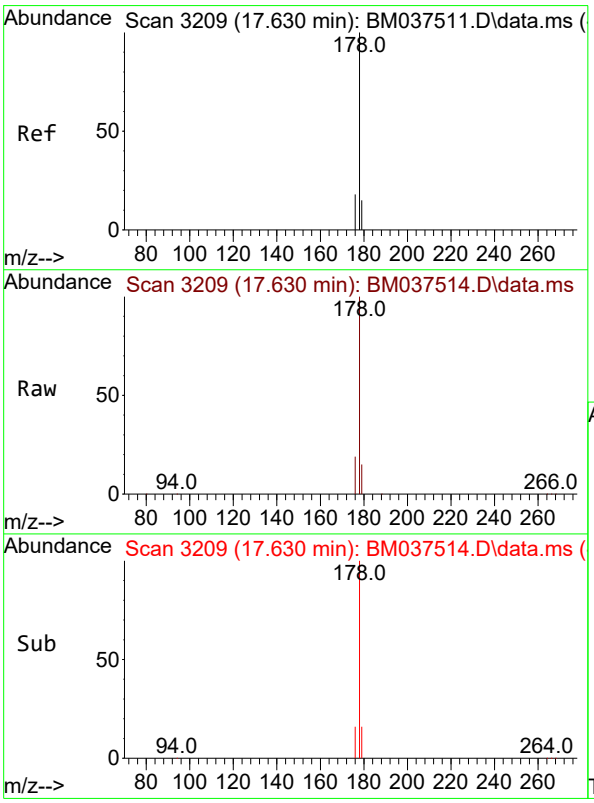
#15
Phenanthrene
Concen: 3.213 ng/ul
RT: 17.537 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:178 Resp: 290564

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	19.4	16.0	24.0

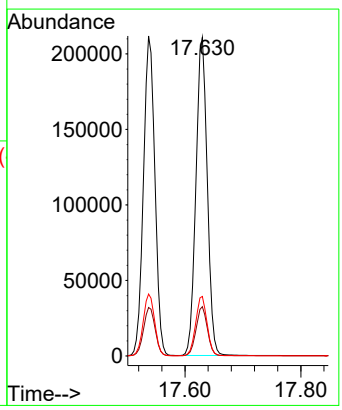


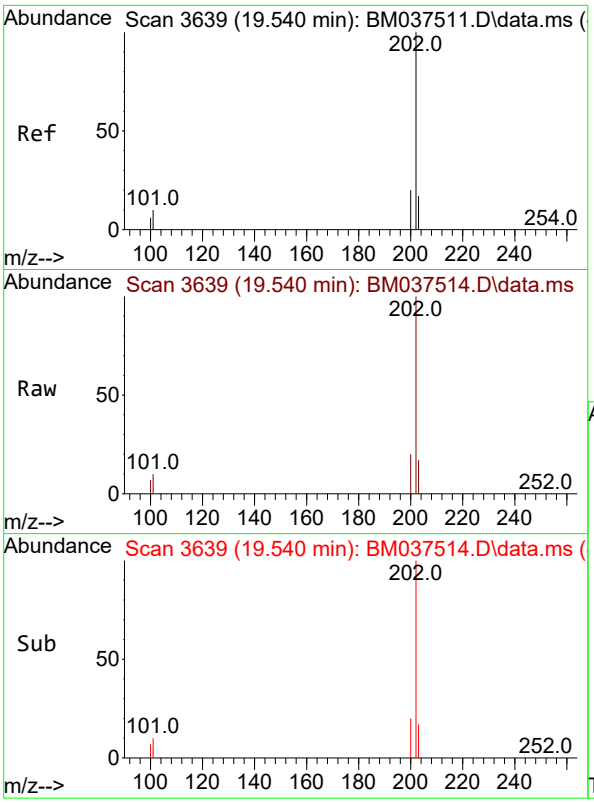


#16
Anthracene
Concen: 3.888 ng/ul
RT: 17.630 min Scan# 3209
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:178 Resp: 286570

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.0	22.6



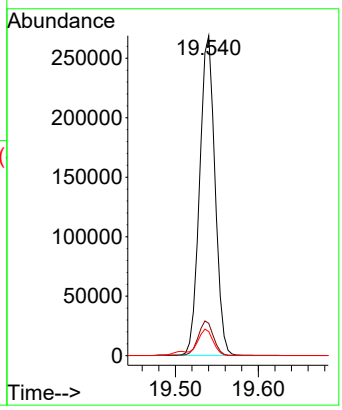


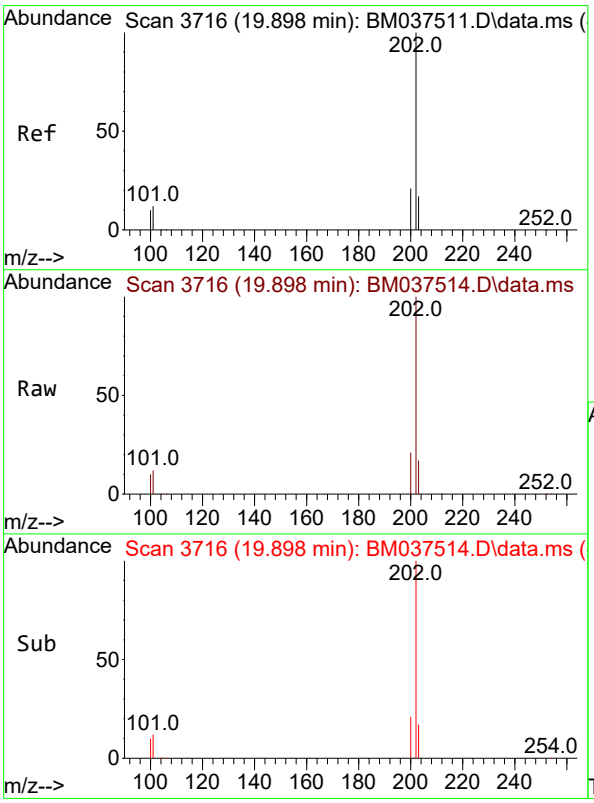
#19
Fluoranthene
Concen: 3.333 ng/ul
RT: 19.540 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:202 Resp: 345890

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.2
100	7.5	6.1	9.1

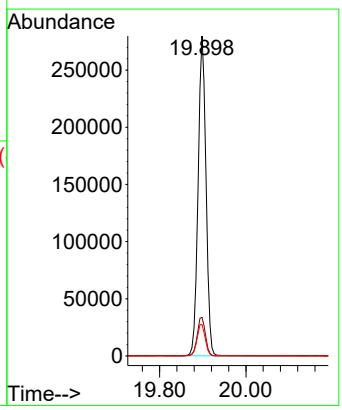


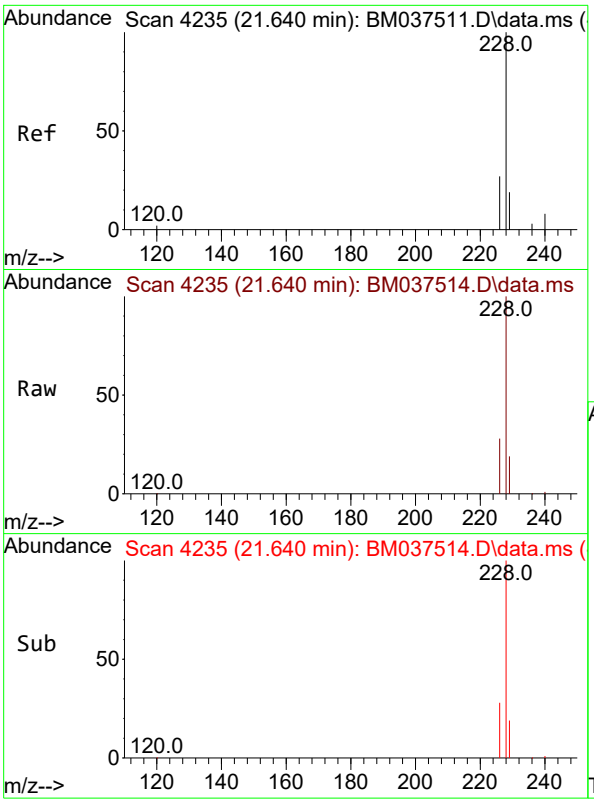


#20
Pyrene
Concen: 3.263 ng/ul
RT: 19.898 min Scan# 3716
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:202 Resp: 354679

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.1	15.1
100	9.8	8.0	12.0



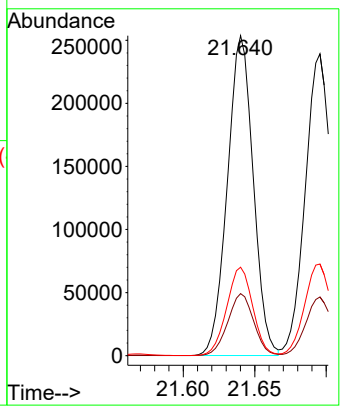


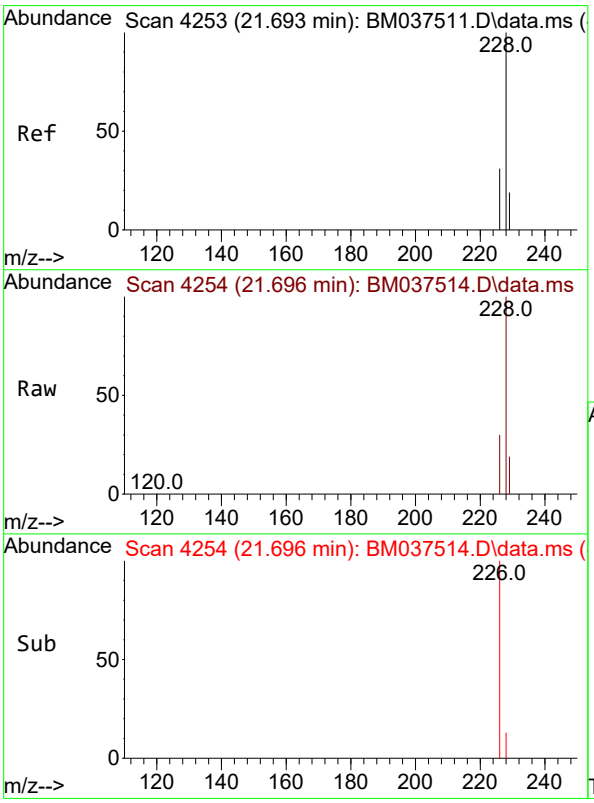
#21
Benzo(a)anthracene
Concen: 3.379 ng/ul
RT: 21.640 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:228 Resp: 319418

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	27.7	22.2	33.2

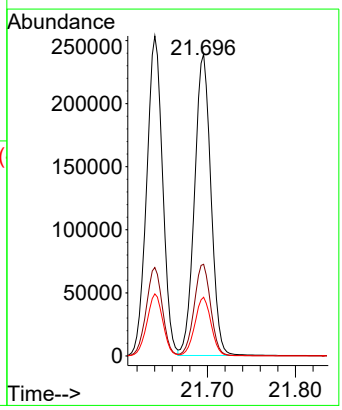


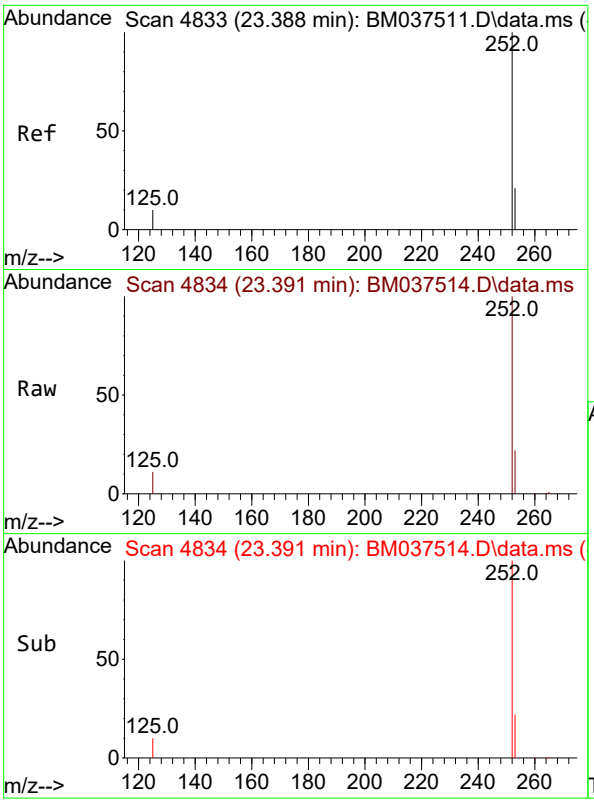


#22
Chrysene
Concen: 2.934 ng/ul
RT: 21.696 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:228 Resp: 309192

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.4	15.5	23.3



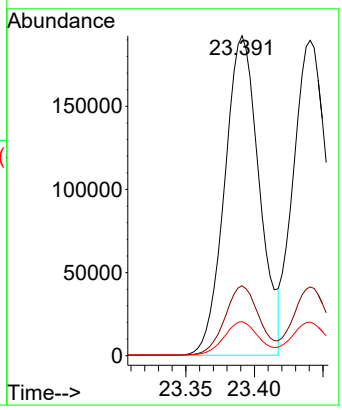


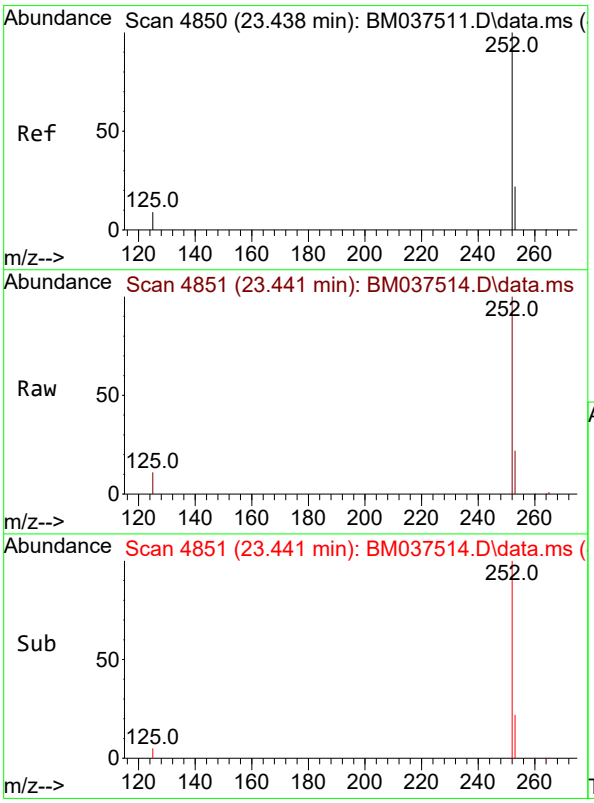
#24
Benzo(b)fluoranthene
Concen: 2.657 ng/ul
RT: 23.391 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:252 Resp: 337594

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	46.2
125	10.7	0.0	23.4

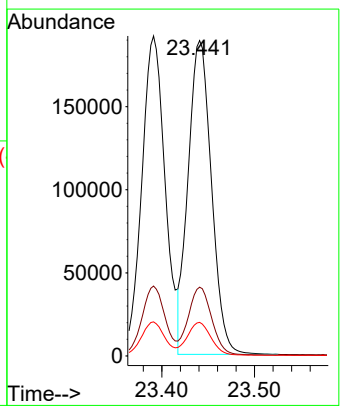


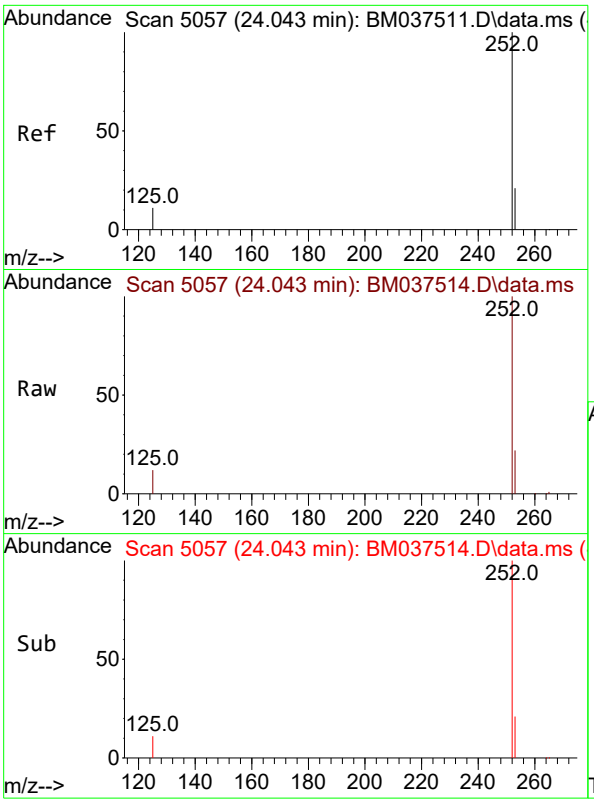


#25
Benzo(k)fluoranthene
Concen: 2.714 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. 0.003 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:252 Resp: 330287

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.8	28.2
125	10.7	9.8	14.6



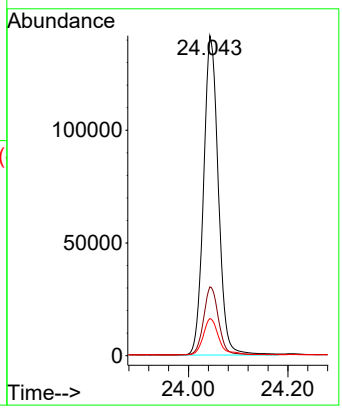


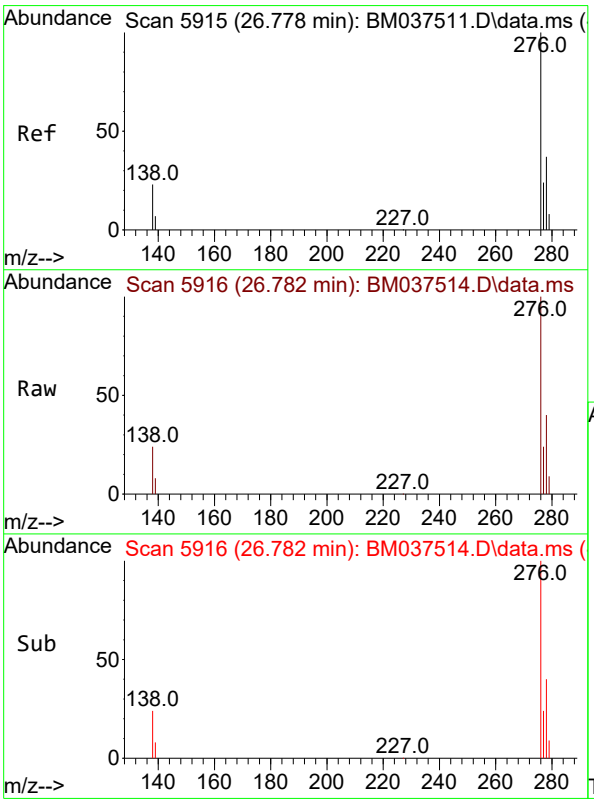
#26
Benzo(a)pyrene
Concen: 2.753 ng/ul
RT: 24.043 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:252 Resp: 292408

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.8	28.2
125	11.6	10.5	15.7

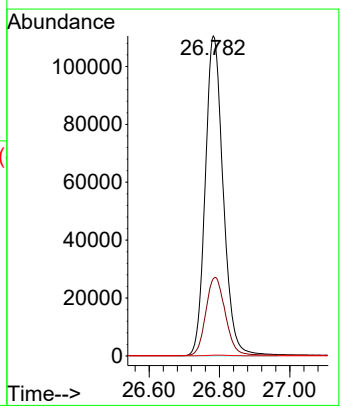


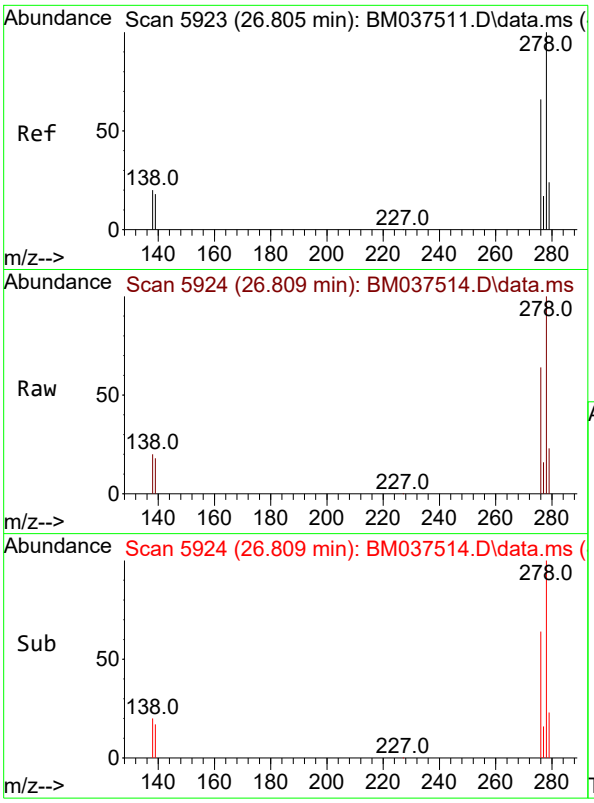


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.765 ng/ul
RT: 26.782 min Scan# 5916
Delta R.T. 0.004 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:276 Resp: 391191

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
227	0.2	0.1	0.1#



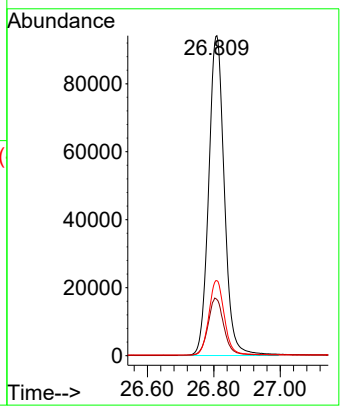


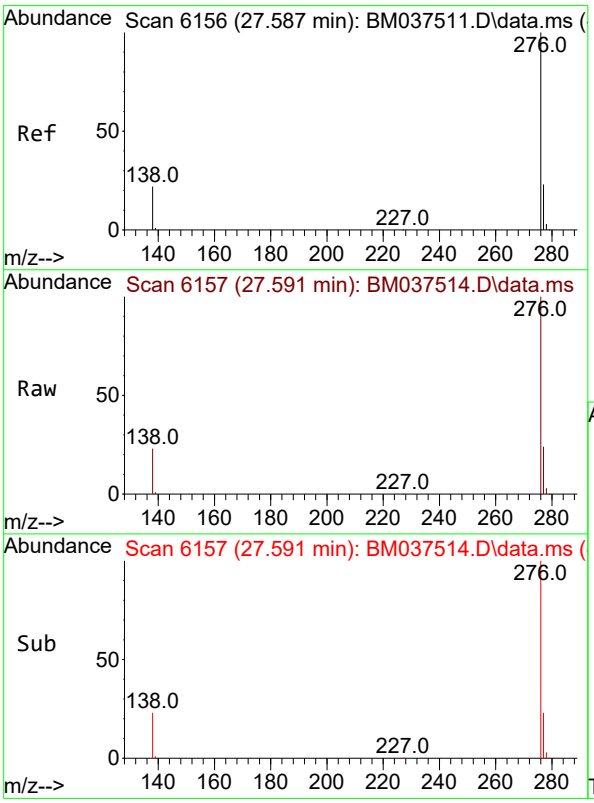
#28
Dibenzo(a,h)anthracene
Concen: 2.819 ng/ul
RT: 26.809 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:278 Resp: 307014

Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.2	22.8
279	23.5	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 2.665 ng/ul
RT: 27.591 min Scan# 6157
Delta R.T. 0.004 min
Lab File: BM037514.D
Acq: 16 Nov 2022 19:30

Tgt Ion:276 Resp: 326032

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.0	28.4
277	23.5	19.4	29.2