Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037892.D
Acq On : 08 Dec 2022 18:27
Operator : CG/JU
Sample : N5832-16 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 08 22:41:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	302648	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1137493	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	580877	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1134644	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	1065377	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1279204	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	1808	0.271	ng/uL	0.00
4) Pyridine-d5	3.858	84	553	0.028	ng/ul	0.00
7) Phenol-d5	7.240	99	42889	1.744	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	26744	1.786	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	35194	1.744	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	31366	1.634	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	16558	1.839	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	16941	1.795	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	30495	1.701	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	26177	1.058	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	85774	2.071	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	101540	2.006	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	8504	1.205	ng/ul	0.00
60) Fluorene-d10	15.698	176	77610	2.103	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	6230	1.027	ng/ul	0.00
73) Anthracene-d10	17.557	188	125983	2.379	ng/ul	0.00
81) Pyrene-d10	19.833	212	138733	2.168	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	143618	2.248	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	156651	2.552	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	98807	2.482	ng/ul	99
50) Acenaphthylene	14.439	152	130282	2.341	ng/ul	97
52) Acenaphthene	14.780	153	139824	3.632	ng/ul	98
56) Dibenzofuran	15.110	168	261216	4.970	ng/ul	99
61) Fluorene	15.757	166	432716	10.096	ng/ul	100
72) Phenanthrene	17.498	178	1142212	18.434	ng/ul	100
74) Anthracene	17.592	178	6286998	99.841	ng/ul	99
77) Carbazole	17.857	167	1572729	28.828	ng/ul	99
80) Fluoranthene	19.504	202	945096	12.513	ng/ul	99
82) Pyrene	19.862	202	1315081	16.730	ng/ul	99
85) Benzo(a)anthracene	21.603	228	320075	4.463	ng/ul	96
87) Chrysene	21.662	228	415977	6.181	ng/ul	99
90) Benzo(b)fluoranthene	23.350	252	1796822	22.657	ng/ul	98
91) Benzo(k)fluoranthene	23.350	252	1796822	23.378	ng/ul	98
93) Benzo(a)pyrene	23.997	252	629648	9.029	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.703	276	479202	5.335	ng/ul	96
95) Dibenzo(a,h)anthracene	26.709	278	118540	1.566	ng/ul#	84
96) Benzo(g,h,i)perylene	27.503	276	364272	5.080	ng/ul	98

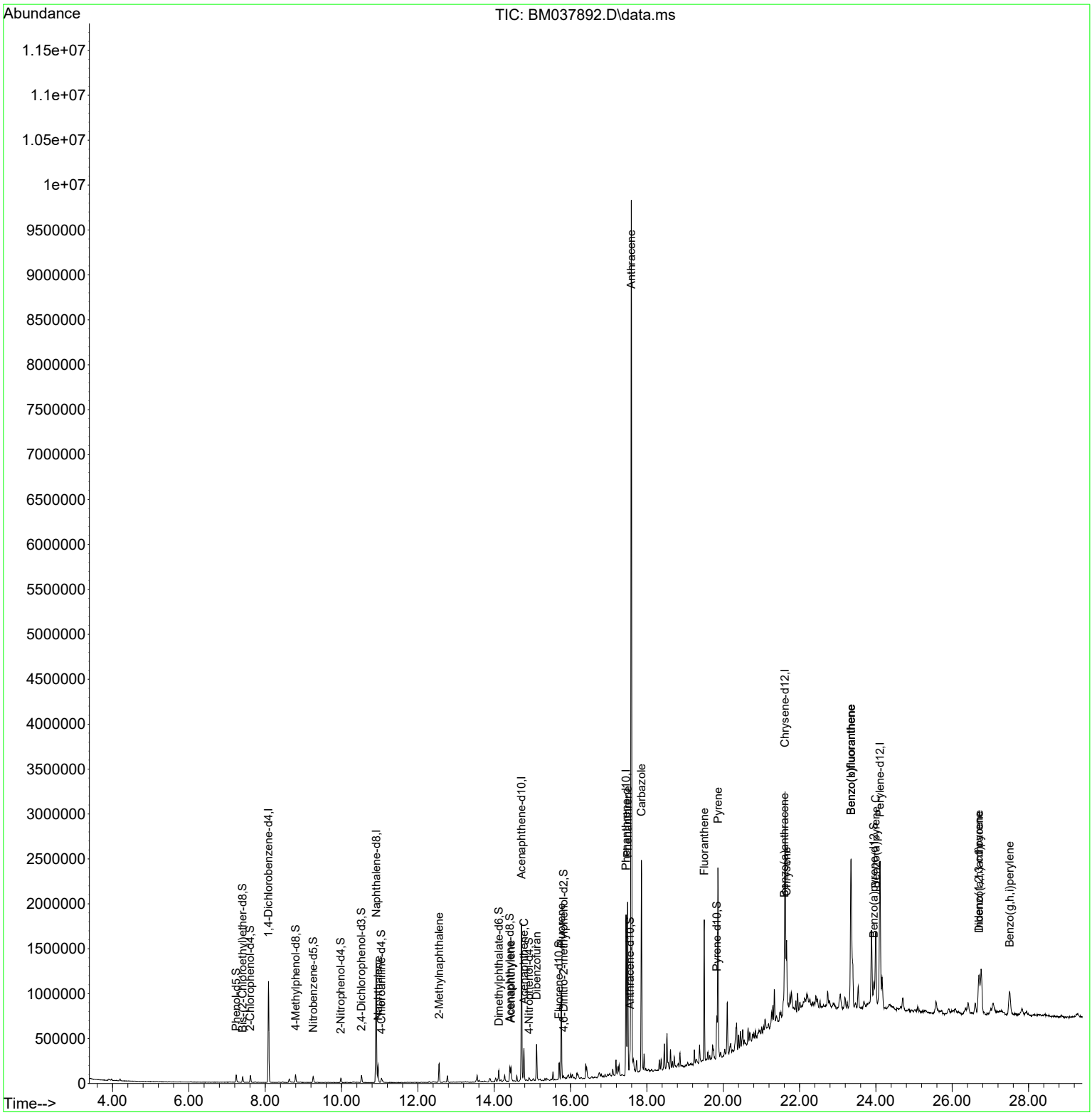
(#) = qualifier out of range (m) = manual integration (+) = signals summed

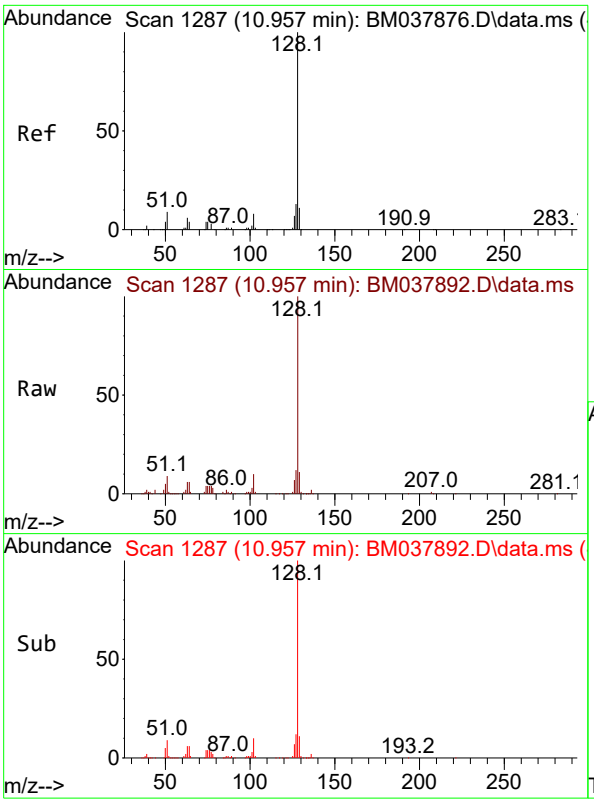
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037892.D
Acq On : 08 Dec 2022 18:27
Operator : CG/JU
Sample : N5832-16 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 08 22:41:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration



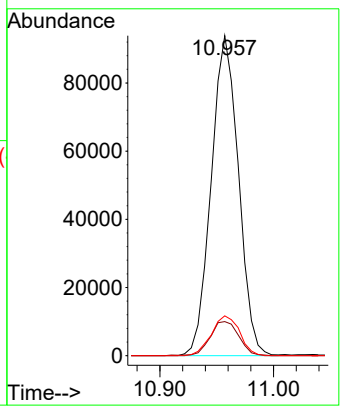


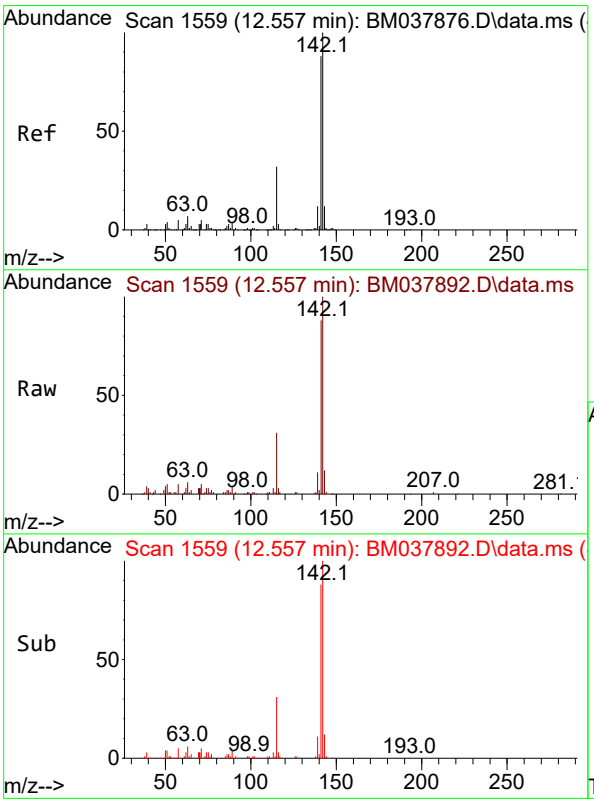
#30
Naphthalene
Concen: 2.552 ng/ul
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 156651

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.5	10.4	15.6

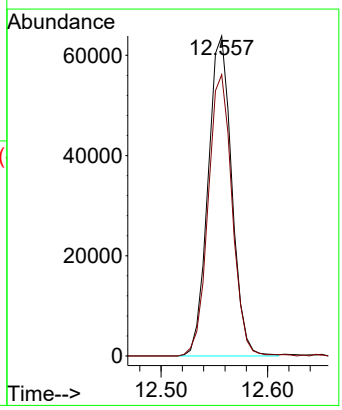


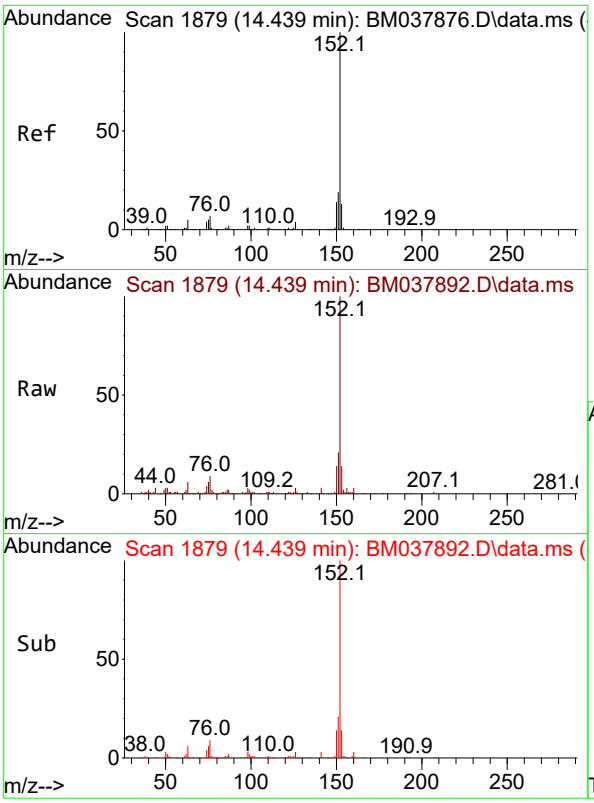


#36
2-Methylnaphthalene
Concen: 2.482 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:142 Resp: 98807

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.4	104.0



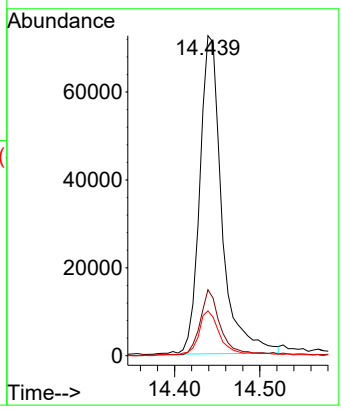


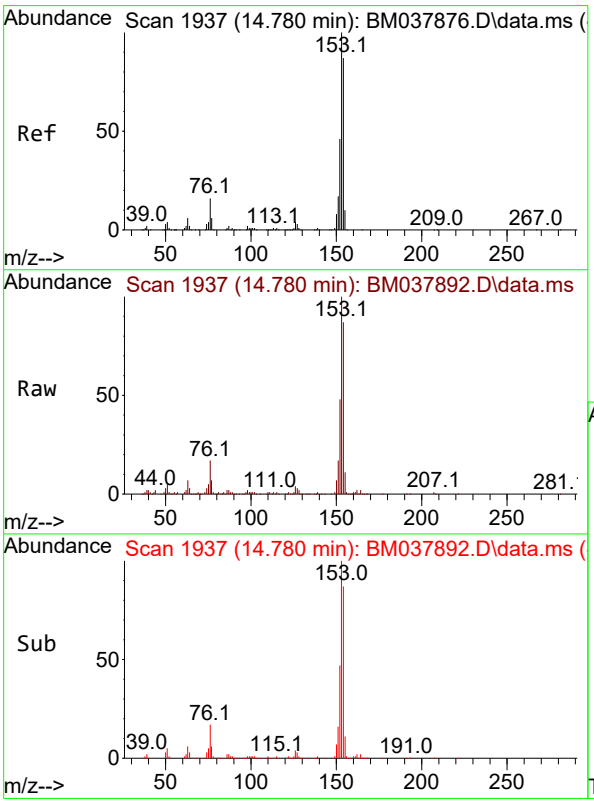
#50
Acenaphthylene
Concen: 2.341 ng/ul
RT: 14.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 130282

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.3	22.9
153	14.0	10.2	15.4

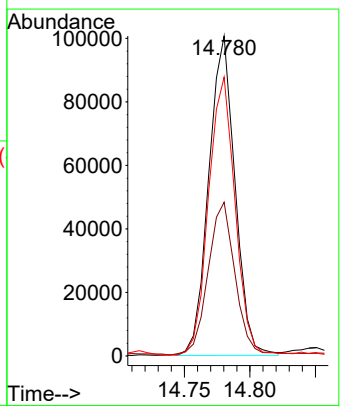


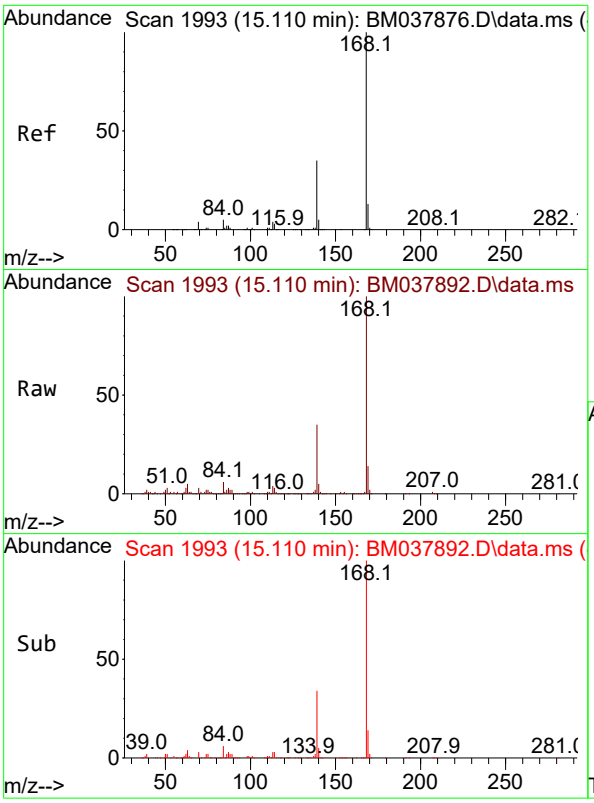


#52
Acenaphthene
Concen: 3.632 ng/ul
RT: 14.780 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:153 Resp: 139824

Ion	Ratio	Lower	Upper
153	100		
152	48.1	38.2	57.4
154	87.2	71.4	107.0



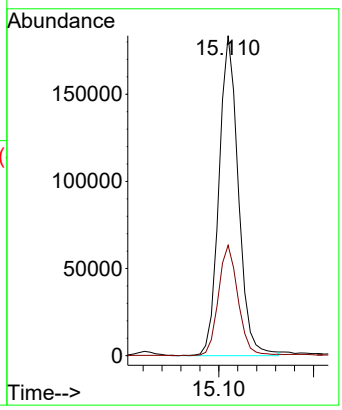


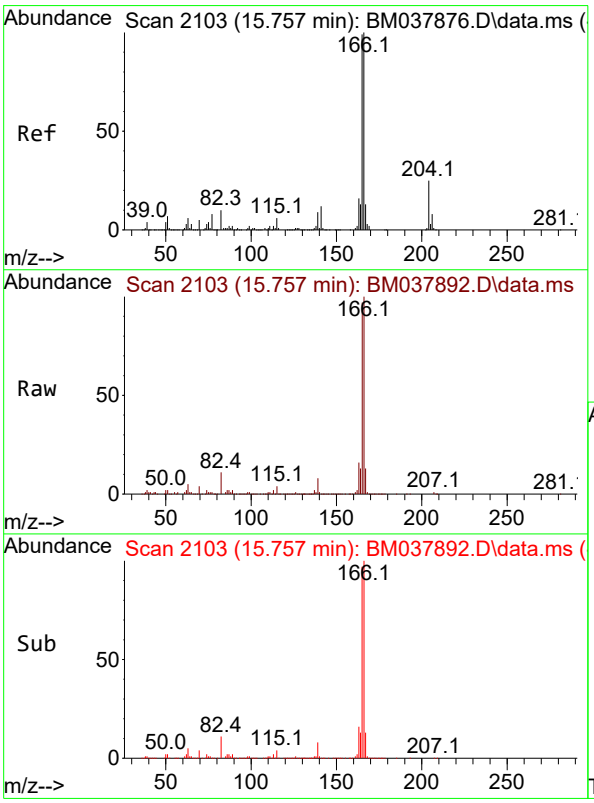
#56
Dibenzofuran
Concen: 4.970 ng/ul
RT: 15.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 261216

Ion	Ratio	Lower	Upper
168	100		
139	34.5	28.1	42.1

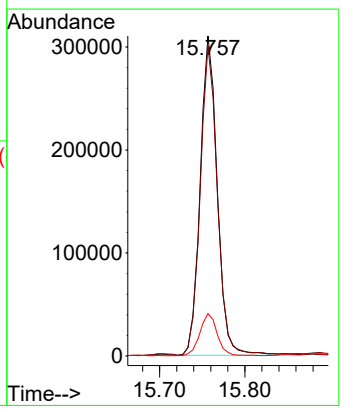


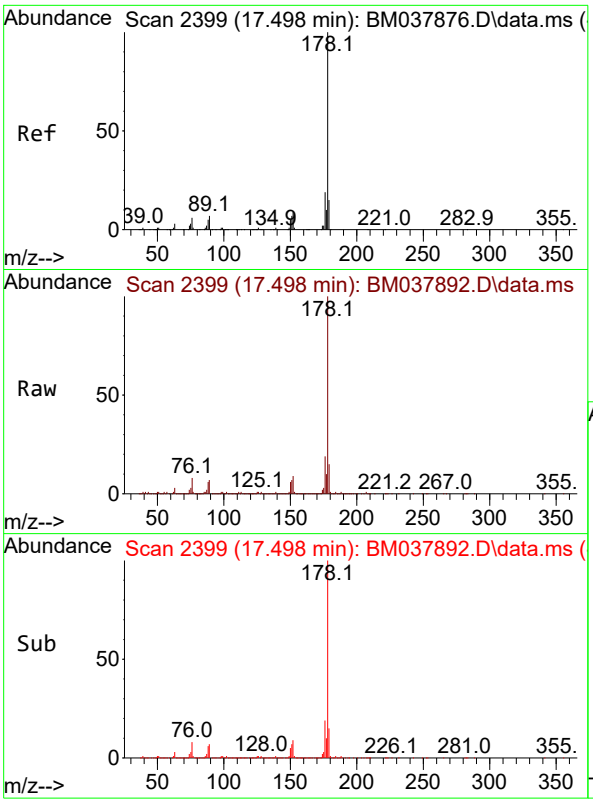


#61
Fluorene
Concen: 10.096 ng/ul
RT: 15.757 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:166 Resp: 432716

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.2	115.8
167	13.3	10.4	15.6



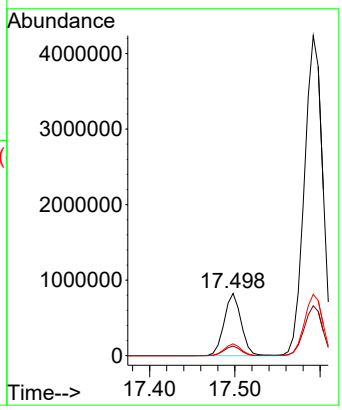


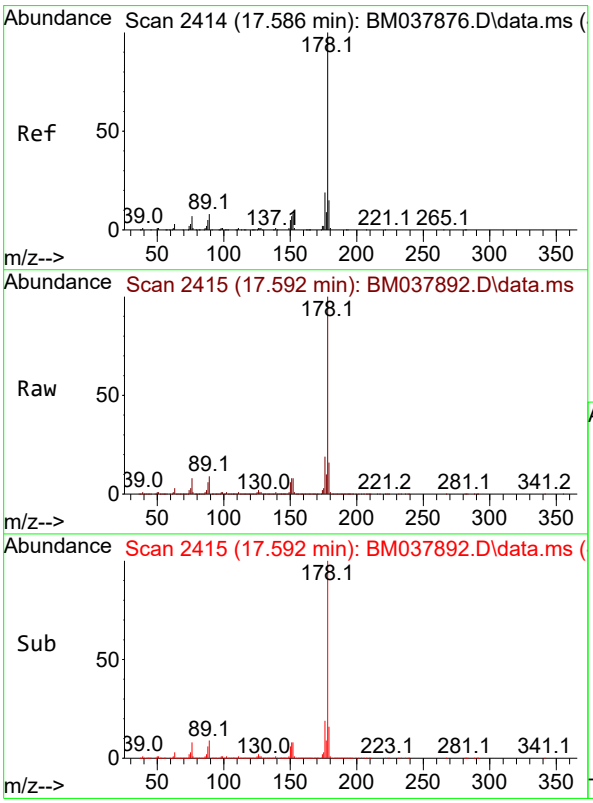
#72
Phenanthrene
Concen: 18.434 ng/ul
RT: 17.498 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1142212

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.1	15.4	23.0

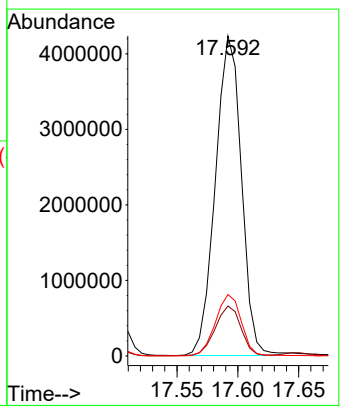


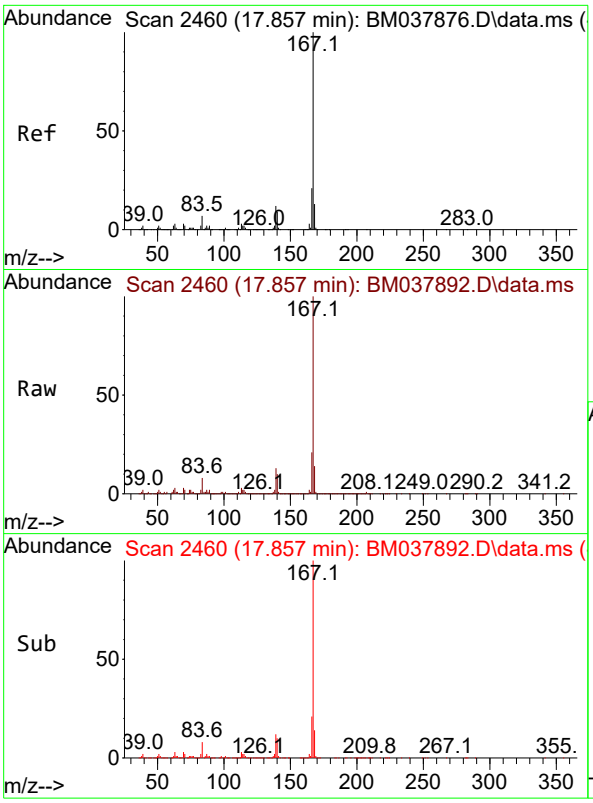


#74
Anthracene
Concen: 99.841 ng/ul
RT: 17.592 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:178 Resp: 6286998

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.2	15.0	22.6



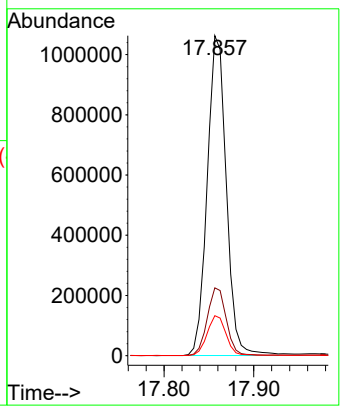


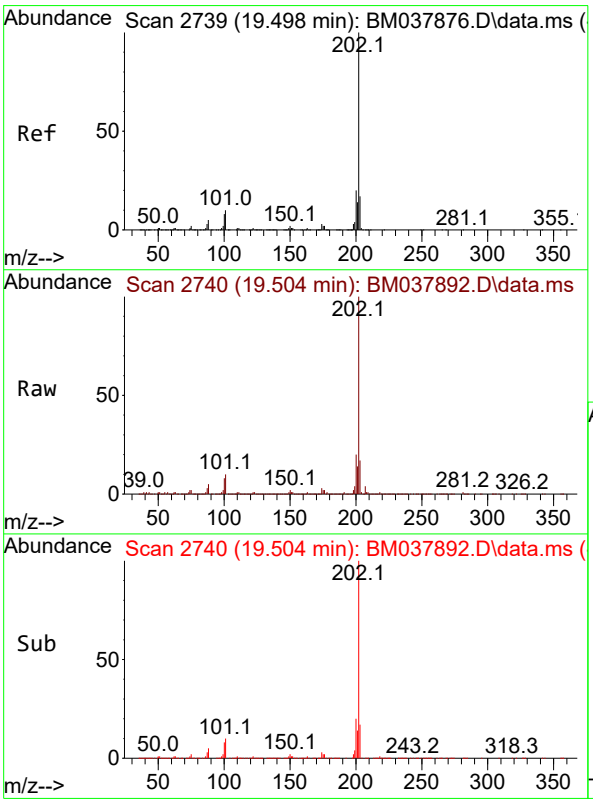
#77
Carbazole
Concen: 28.828 ng/ul
RT: 17.857 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 1572729

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.7	25.1
139	12.5	9.8	14.6

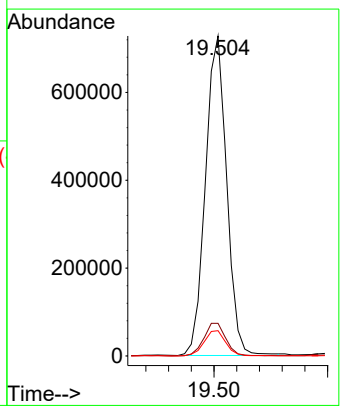


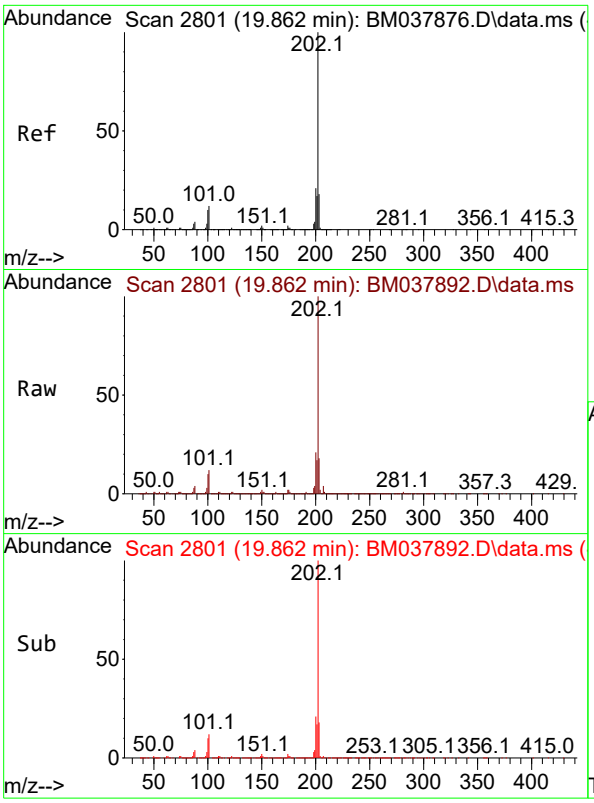


#80
Fluoranthene
Concen: 12.513 ng/ul
RT: 19.504 min Scan# 2740
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:202 Resp: 945096

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.6	13.0
100	7.9	6.6	10.0



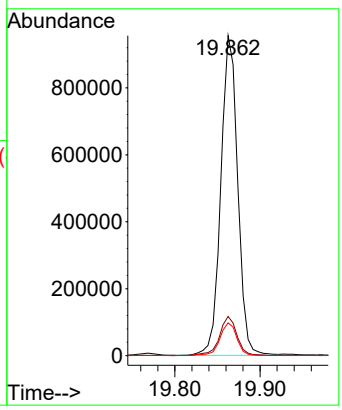


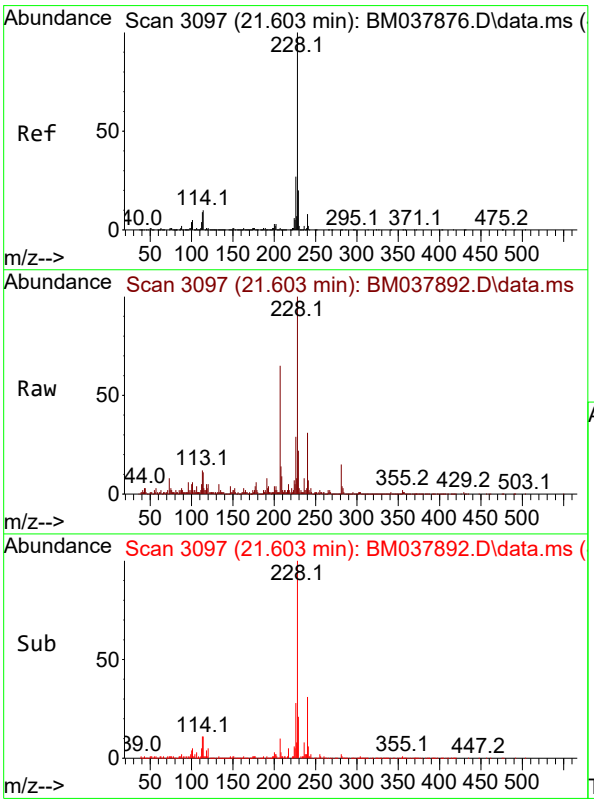
#82
Pyrene
Concen: 16.730 ng/ul
RT: 19.862 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1315081

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.0	15.0
100	10.3	7.9	11.9

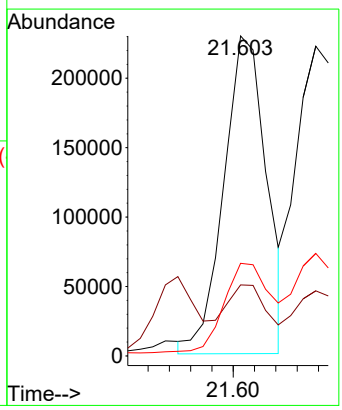


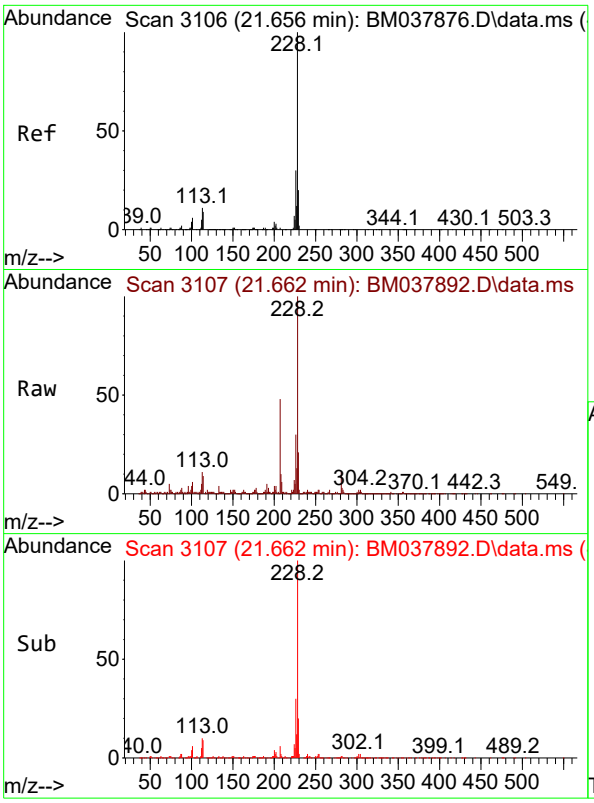


#85
Benzo(a)anthracene
Concen: 4.463 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:228 Resp: 320075

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.5	23.3
226	28.9	21.8	32.8



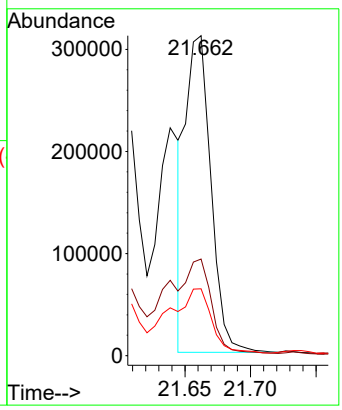


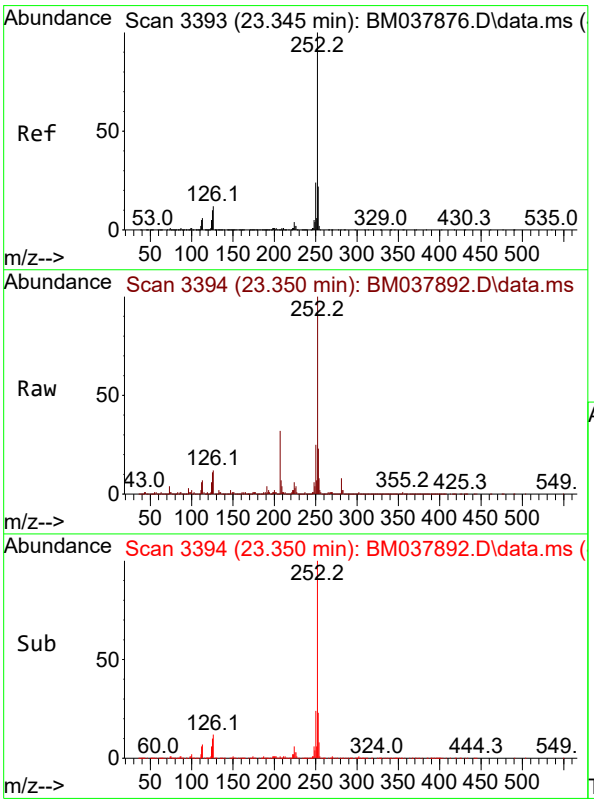
#87
Chrysene
Concen: 6.181 ng/ul
RT: 21.662 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 415977

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.9	15.6	23.4

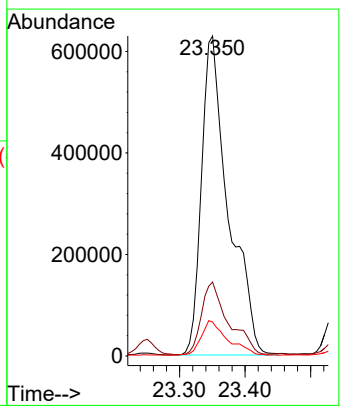


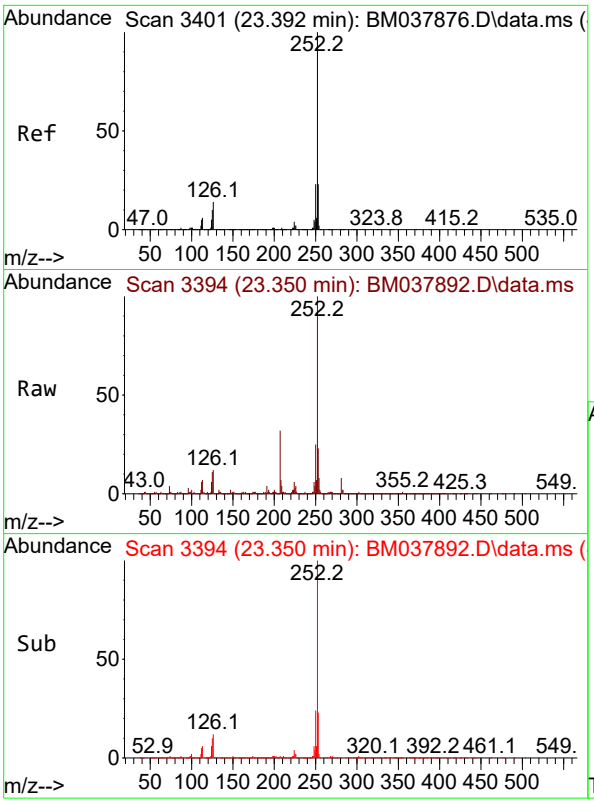


#90
Benzo(b)fluoranthene
Concen: 22.657 ng/ul
RT: 23.350 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:252 Resp: 1796822

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.6	8.0	12.0



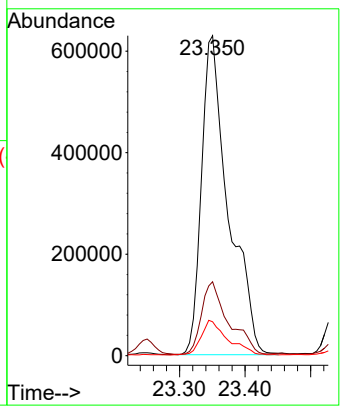


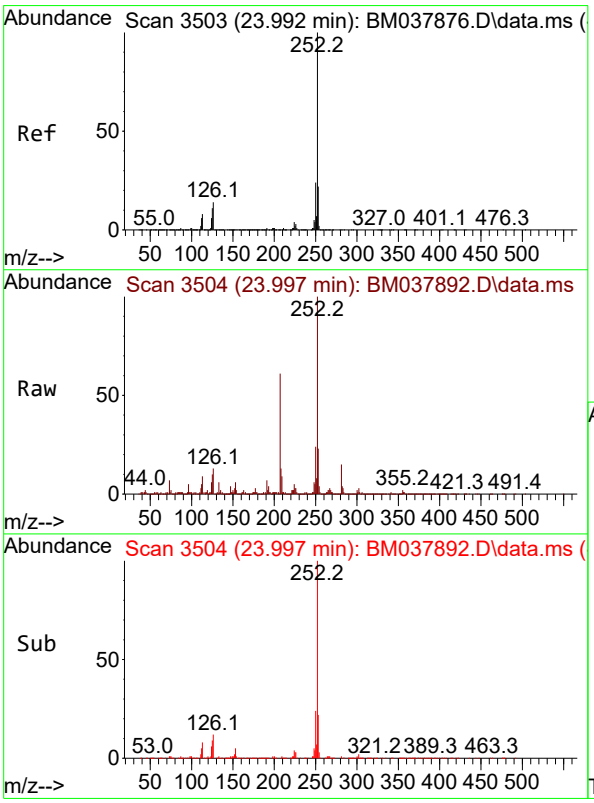
#91
Benzo(k)fluoranthene
Concen: 23.378 ng/ul
RT: 23.350 min Scan# 3
Delta R.T. -0.047 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1796822

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	10.6	8.1	12.1

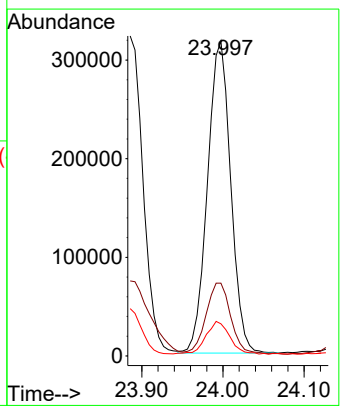


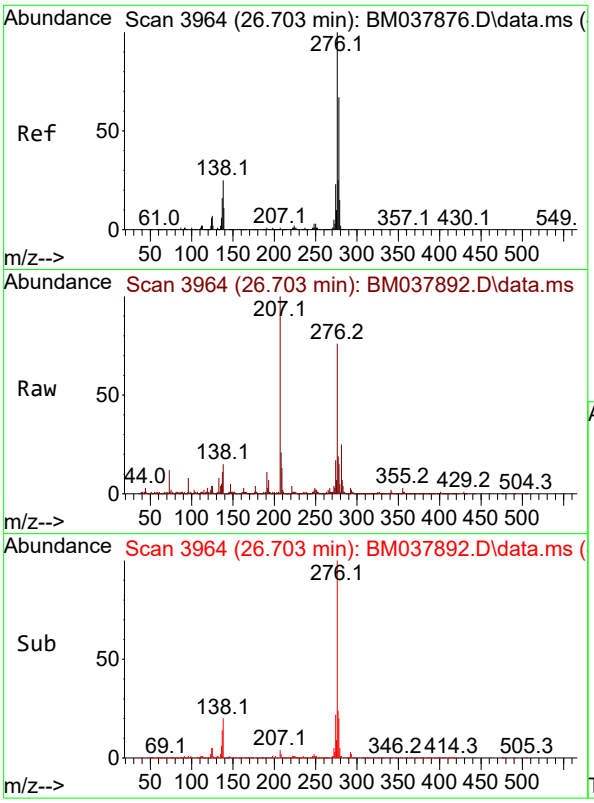


#93
Benzo(a)pyrene
Concen: 9.029 ng/ul
RT: 23.997 min Scan# 3504
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:252 Resp: 629648

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	10.2	9.4	14.0



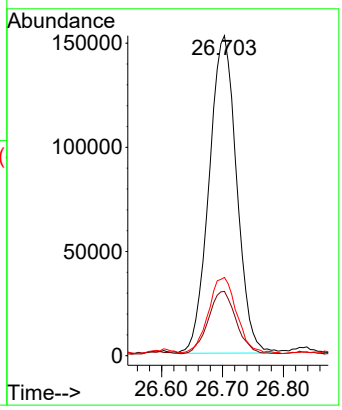


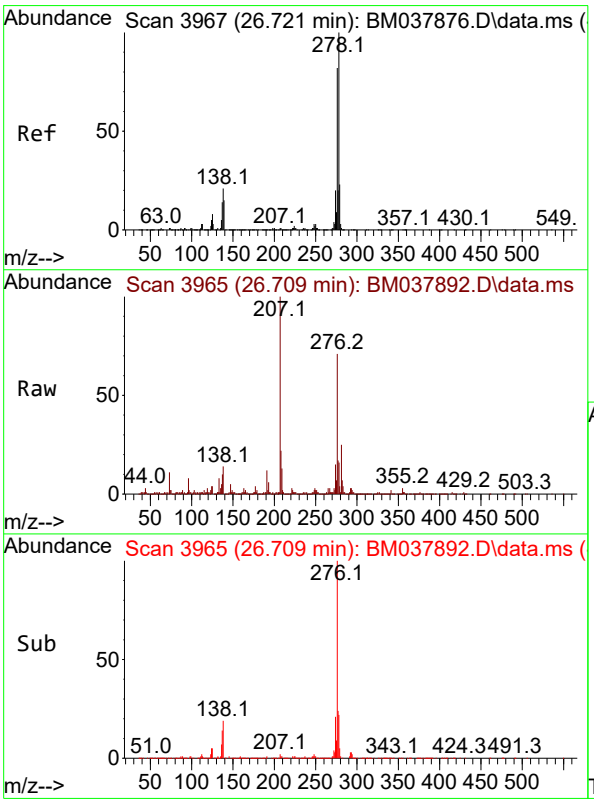
#94
Indeno(1,2,3-cd)pyrene
Concen: 5.335 ng/ul
RT: 26.703 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 479202

Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.3	28.9
277	24.5	19.8	29.8

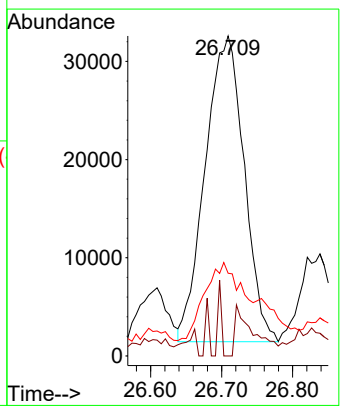


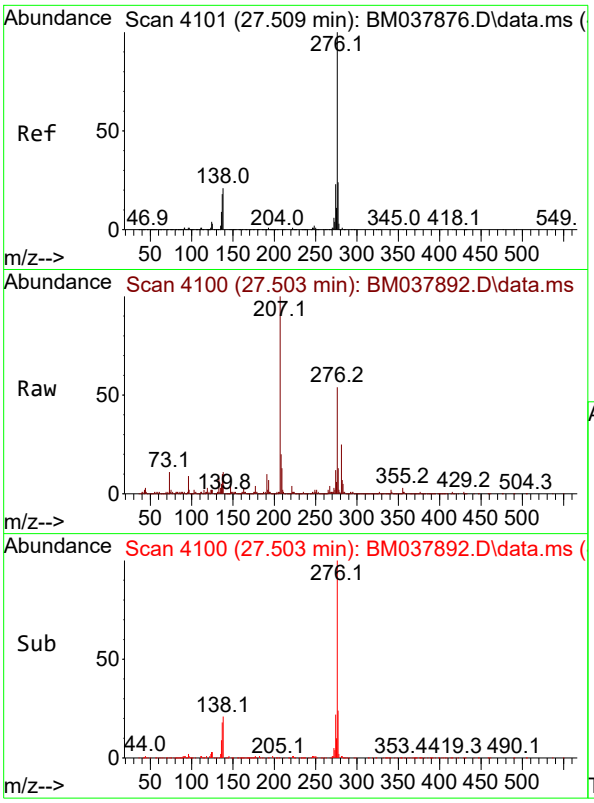


#95
Dibenzo(a,h)anthracene
Concen: 1.566 ng/ul
RT: 26.709 min Scan# 3965
Delta R.T. -0.018 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:278 Resp: 118540

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	25.9	19.8	29.6





#96
Benzo(g,h,i)perylene
Concen: 5.080 ng/ul
RT: 27.503 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 364272

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.1	25.7
277	24.4	18.2	27.4