Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036585.D
Acq On : 19 Sep 2022 18:10
Operator : CG/JU
Sample : N4604-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 19 22:33:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	407406	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1817614	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1153301	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2333109	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2237434	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1937667	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	38201	3.515	ng/uL	0.00
4) Pyridine-d5	3.828	84	809	0.026	ng/ul	0.01
7) Phenol-d5	7.175	99	688125	18.901	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	438413	19.829	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	544792	20.784	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	478928	17.803	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	255300	20.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	236646	21.475	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	510083	19.974	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	239568	5.642	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1653021	21.251	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1944756	21.078	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	233561	15.481	ng/ul	0.00
60) Fluorene-d10	15.639	176	1506322	21.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	145665	15.780	ng/ul	0.00
73) Anthracene-d10	17.486	188	2179806	20.434	ng/ul	0.00
81) Pyrene-d10	19.762	212	2742790	24.918	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.838	264	2218172	23.432	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.427	178	132257	1.029	ng/ul	98
80) Fluoranthene	19.433	202	296238	2.196	ng/ul	99
82) Pyrene	19.792	202	320877	2.247	ng/ul	97
85) Benzo(a)anthracene	21.533	228	151589	1.081	ng/ul	94
87) Chrysene	21.586	228	170121	1.278	ng/ul	96
90) Benzo(b)fluoranthene	23.250	252	202890	1.651	ng/ul#	95
91) Benzo(k)fluoranthene	23.250	252	202890	1.652	ng/ul#	95
93) Benzo(a)pyrene	23.885	252	124831	1.156	ng/ul	97

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

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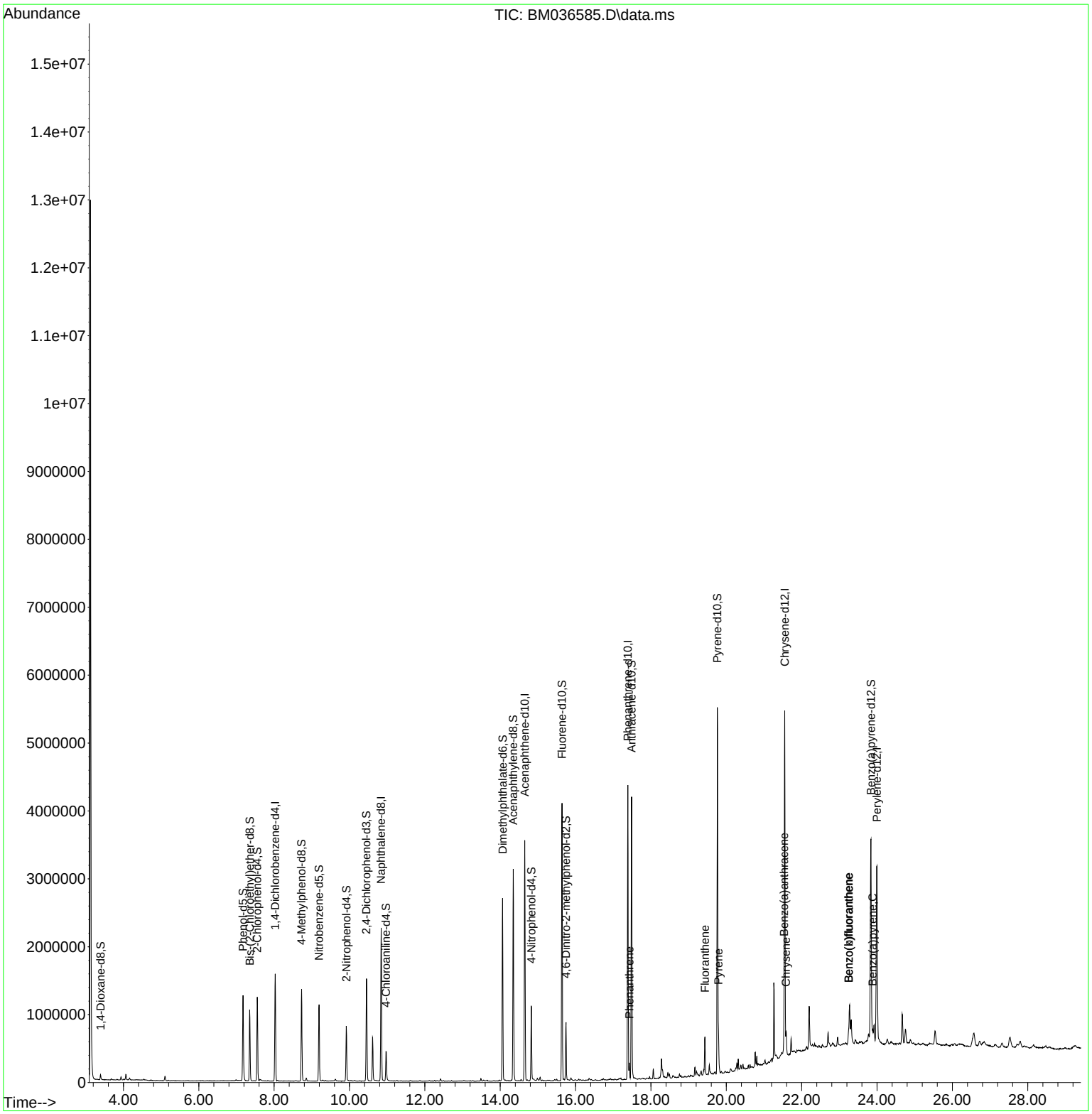
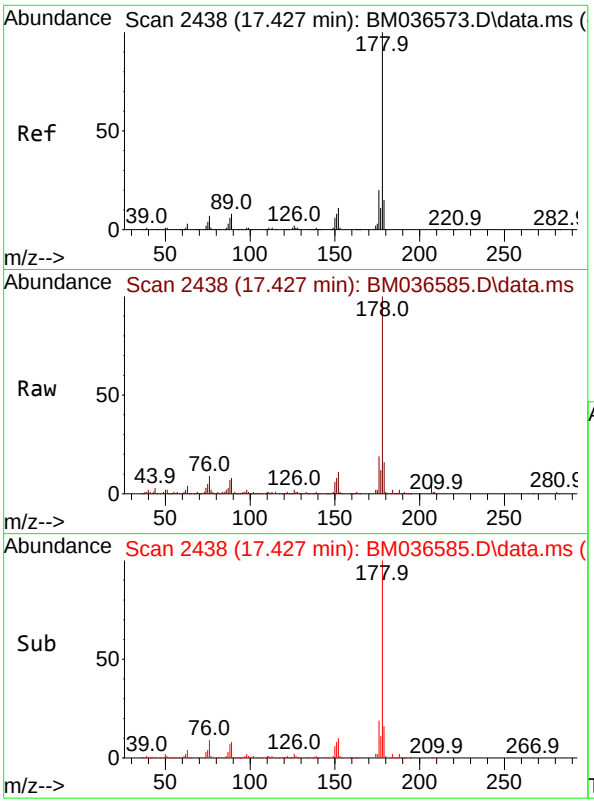


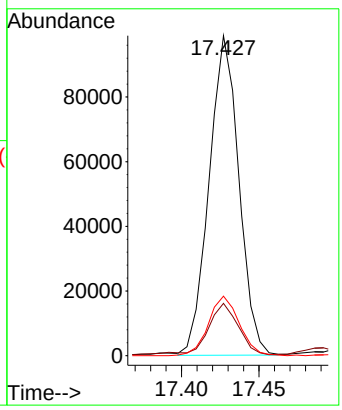


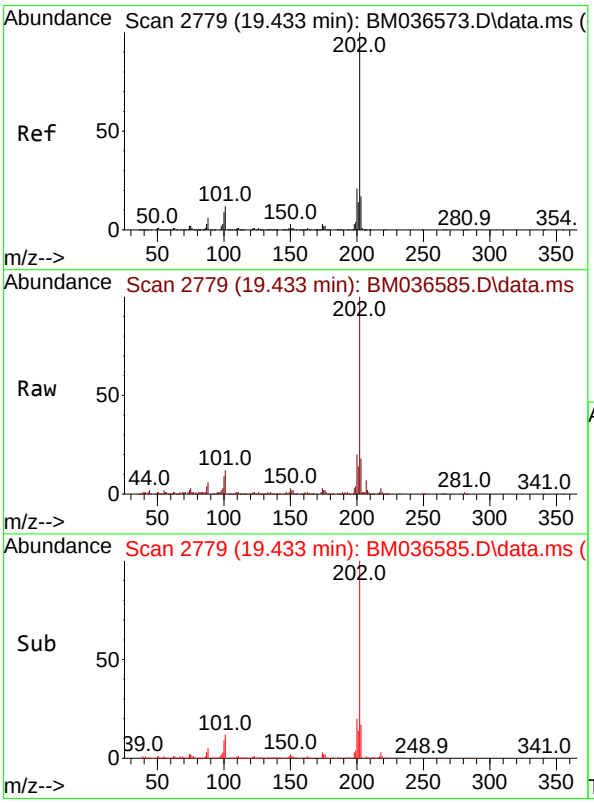
#72
Phenanthrene
Concen: 1.029 ng/ul
RT: 17.427 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 132257

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.2
176	18.6	15.7	23.5

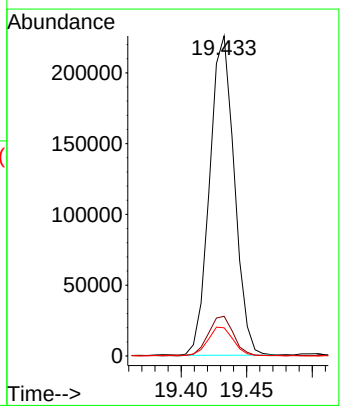


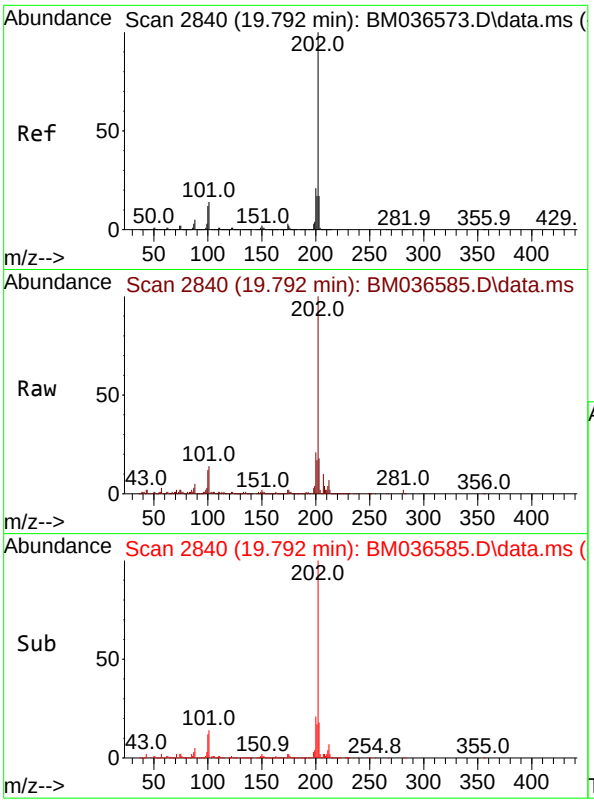


#80
Fluoranthene
Concen: 2.196 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. -0.000 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Tgt Ion:202 Resp: 296238

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
100	8.8	7.4	11.2



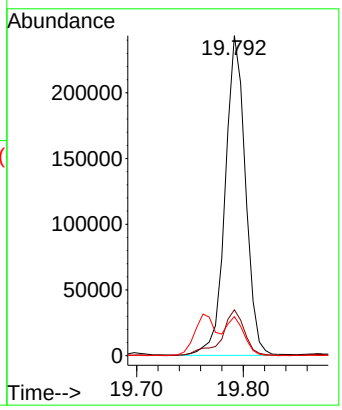


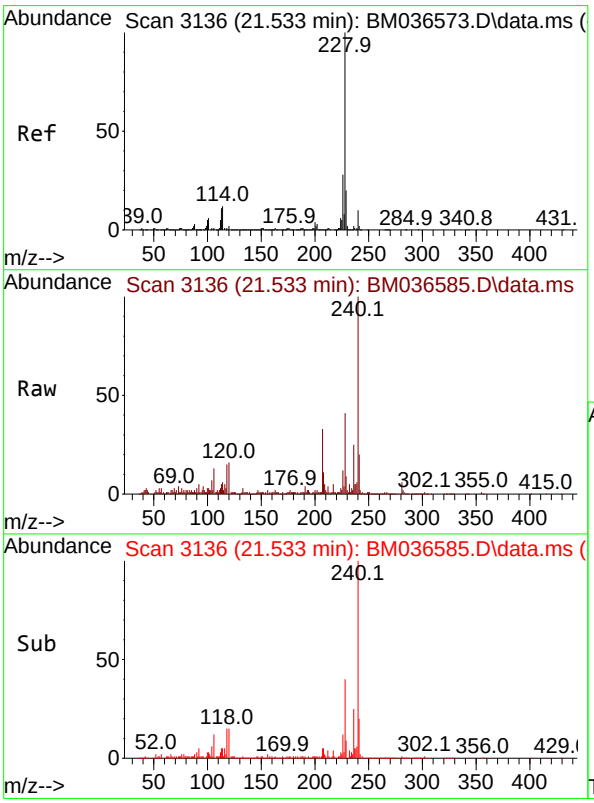
#82
Pyrene
Concen: 2.247 ng/ul
RT: 19.792 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 320877

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	12.2	8.7	13.1

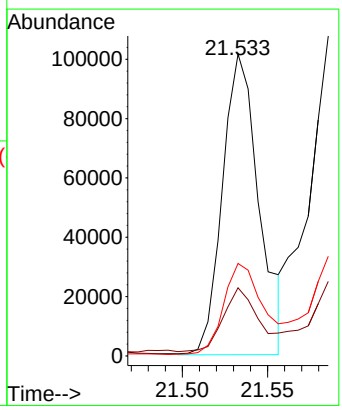


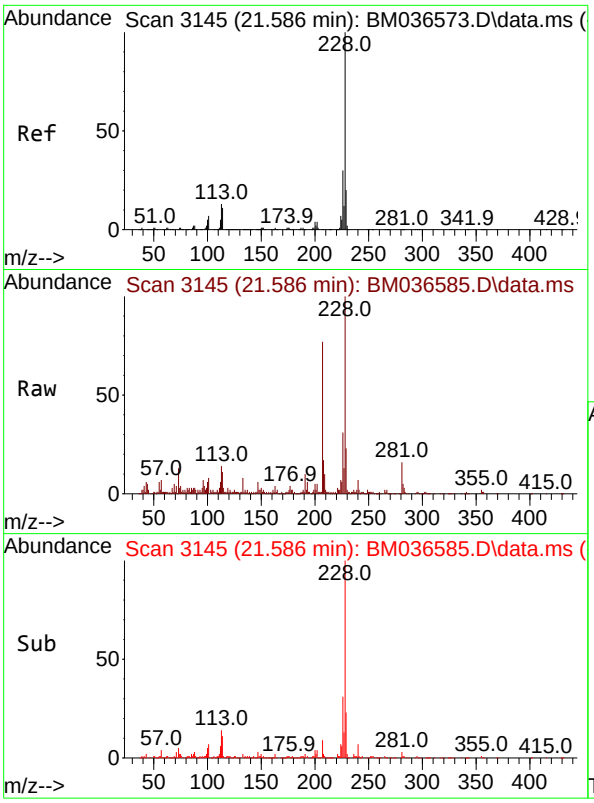


#85
Benzo(a)anthracene
Concen: 1.081 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Tgt Ion:228 Resp: 151589

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.8
226	30.6	21.9	32.9



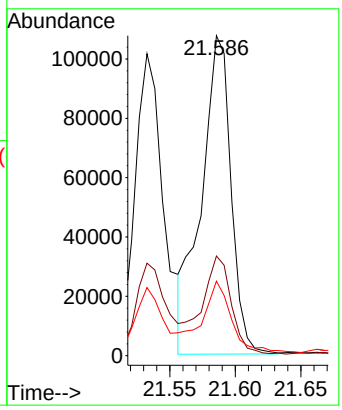


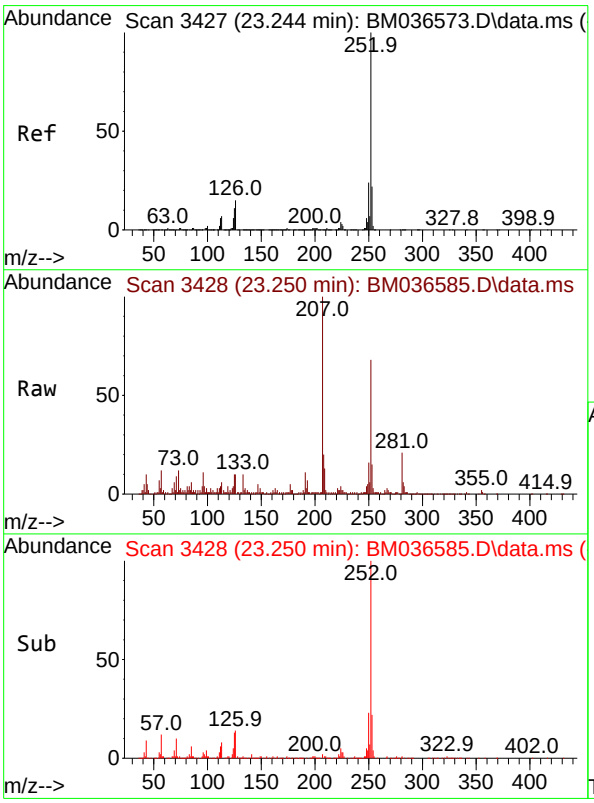
#87
Chrysene
Concen: 1.278 ng/ul
RT: 21.586 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 170121

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	23.3	15.6	23.4

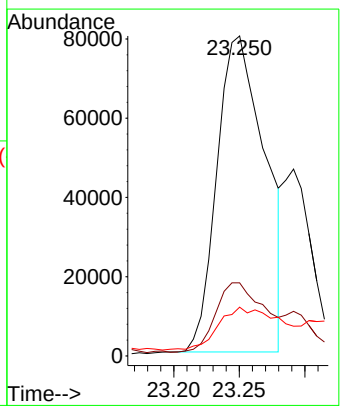


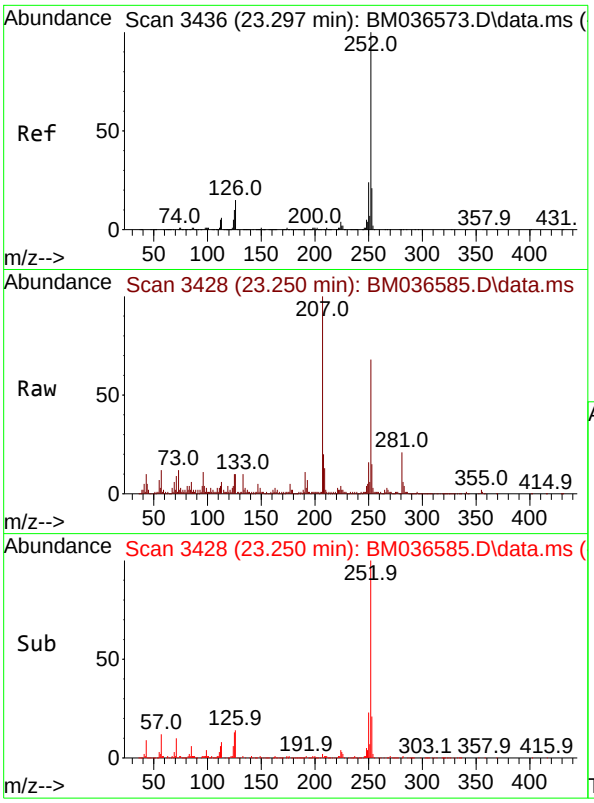


#90
Benzo(b)fluoranthene
Concen: 1.651 ng/ul
RT: 23.250 min Scan# 3428
Delta R.T. -0.000 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Tgt Ion:252 Resp: 202890

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	15.3	9.1	13.7#



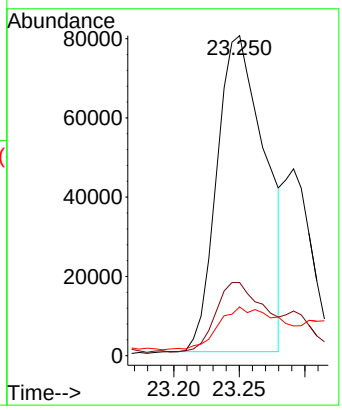


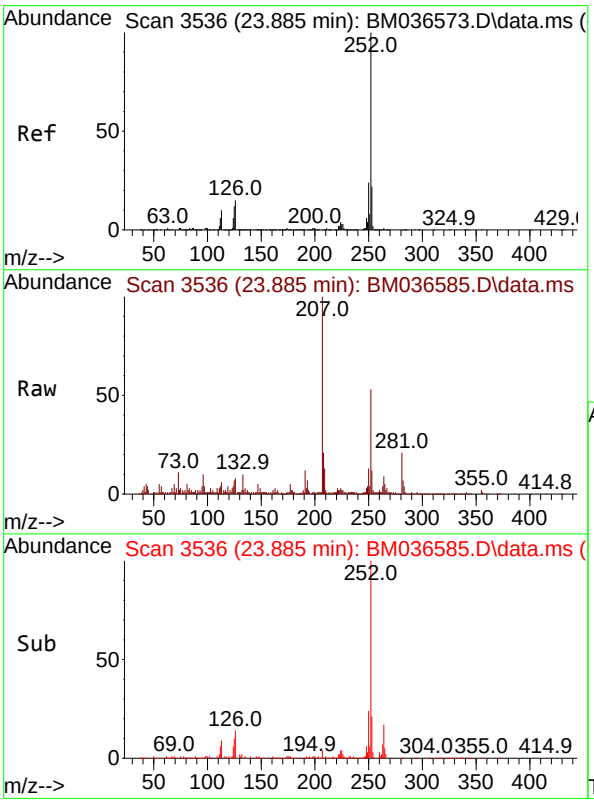
#91
Benzo(k)fluoranthene
Concen: 1.652 ng/ul
RT: 23.250 min Scan# 34
Delta R.T. -0.053 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 202890

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	15.3	8.2	12.4#





#93
Benzo(a)pyrene
Concen: 1.156 ng/ul
RT: 23.885 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BM036585.D
Acq: 19 Sep 2022 18:10

Tgt Ion:252 Resp: 124831

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.7	9.5	14.3