Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063834.D
Acq On : 26 Dec 2024 14:31
Operator : RC/JU
Sample : P5333-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2911

Quant Time: Dec 27 01:20:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	69154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	320327	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	264239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.188	188	614715	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	610610	20.000	ng/ul	0.00
88) Perylene-d12	24.456	264	648024	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	10450	5.922	ng/uL	0.00
4) Pyridine-d5	3.663	84	136730	24.561	ng/ul	0.00
7) Phenol-d5	6.983	99	158520	24.889	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	100659	22.883	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	103496	25.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	121035	24.477	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	55545	24.286	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	64513	25.163	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.226	165	117737	23.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	67107	10.648	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	433811	24.127	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	442199	21.574	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	52800	20.726	ng/ul	0.01
60) Fluorene-d10	15.438	176	310841	19.553	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	56326	17.648	ng/ul	0.00
73) Anthracene-d10	17.288	188	513594	19.433	ng/ul	0.00
81) Pyrene-d10	19.592	212	513377	16.157	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	419948	13.800	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.012	94	8367	1.233	ng/ul#	86
72) Phenanthrene	17.235	178	53430	1.804	ng/ul#	92
80) Fluoranthene	19.257	202	96768	2.679	ng/ul#	95
82) Pyrene	19.621	202	87777	2.284	ng/ul#	88
85) Benzo(a)anthracene	21.419	228	45625	1.192	ng/ul	98
87) Chrysene	21.483	228	43105	1.182	ng/ul	95
90) Benzo(b)fluoranthene	23.516	252	54271	1.474	ng/ul#	92
93) Benzo(a)pyrene	24.315	252	40625	1.175	ng/ul#	82

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

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Quant Title : SVOA CALIBRATION
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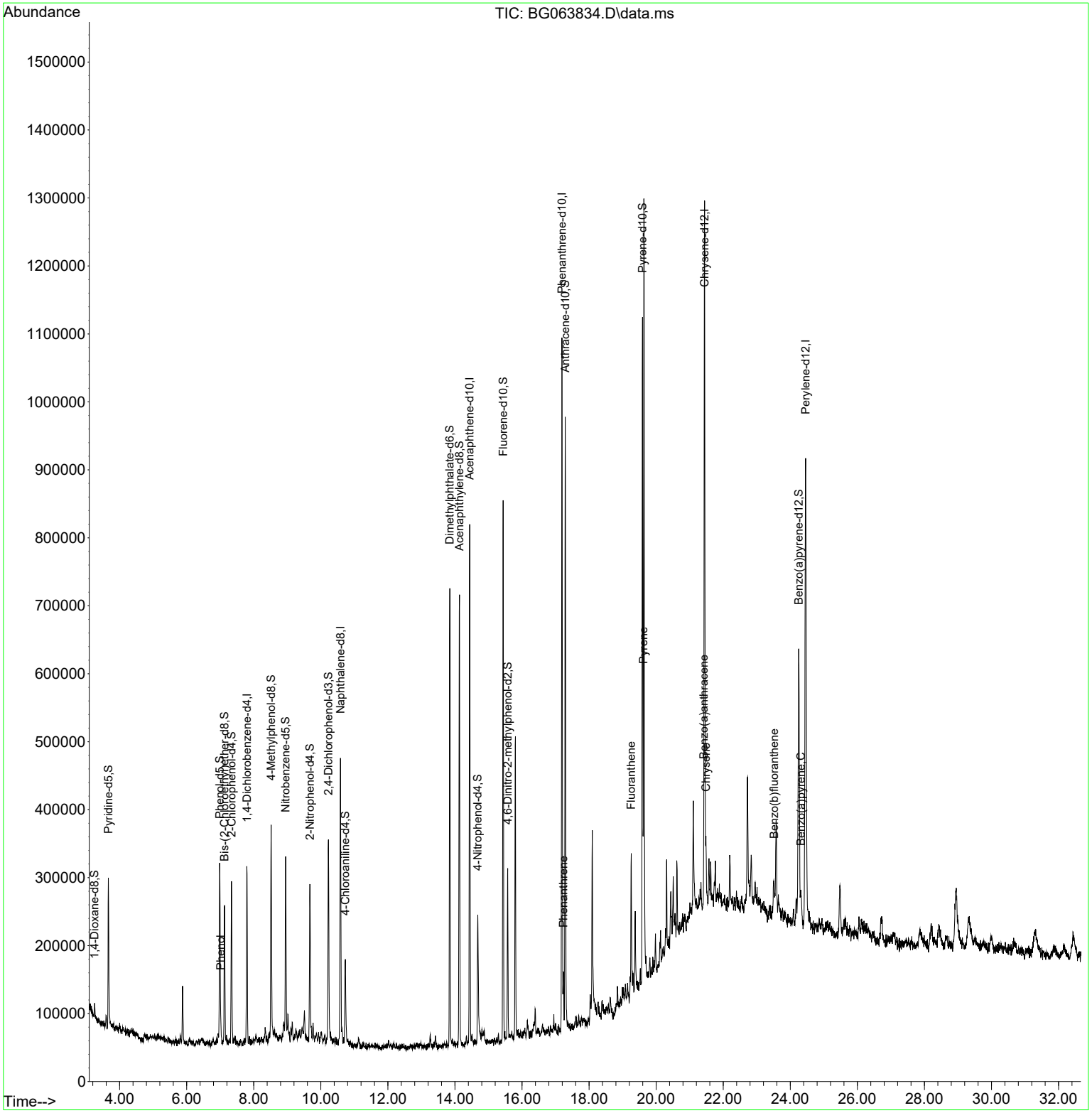
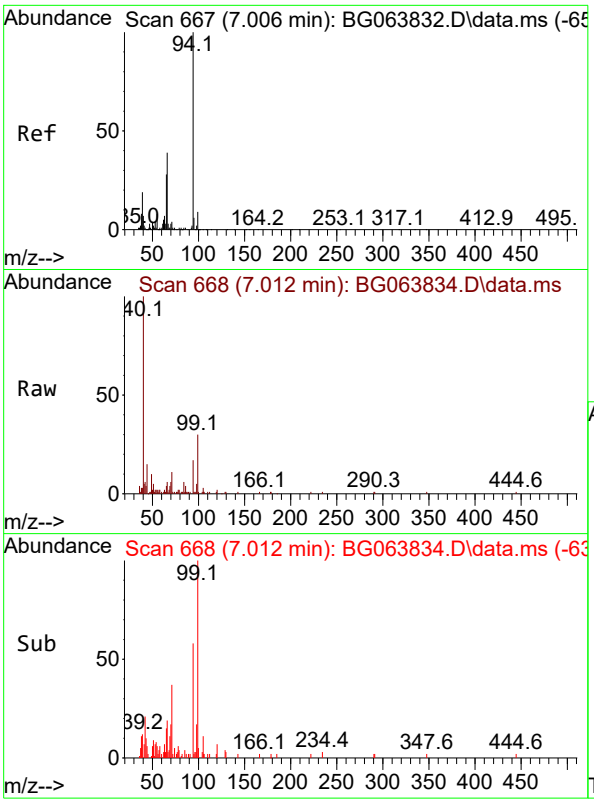


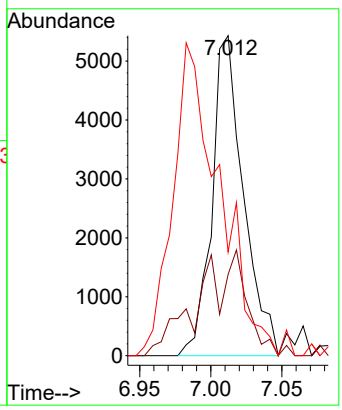


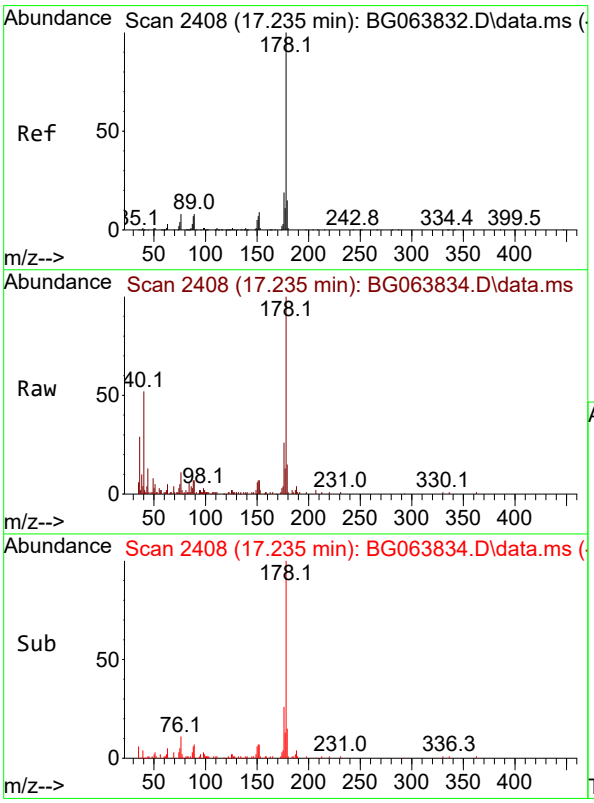
#8
Phenol
Concen: 1.233 ng/ul
RT: 7.012 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Instrument :
BNA_G
ClientSampleId :
E2911

Tgt Ion: 94 Resp: 8367

Ion	Ratio	Lower	Upper
94	100		
65	25.4	25.6	38.4#
66	32.4	34.2	51.2#

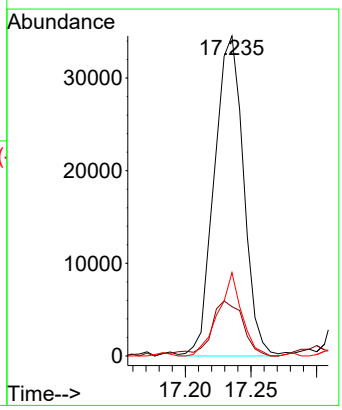


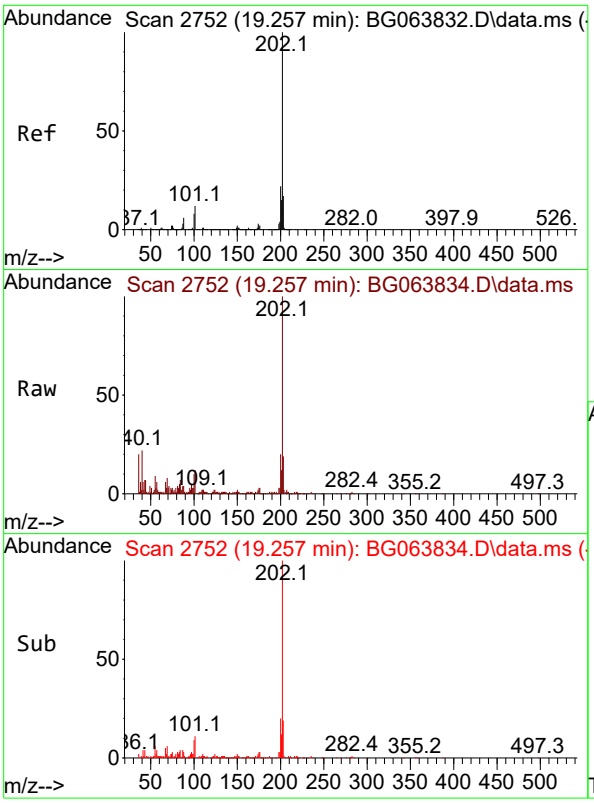


#72
Phenanthrene
Concen: 1.804 ng/ul
RT: 17.235 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Tgt Ion:178 Resp: 53430

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	26.1	15.8	23.6#



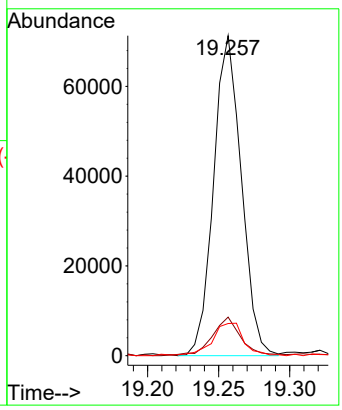


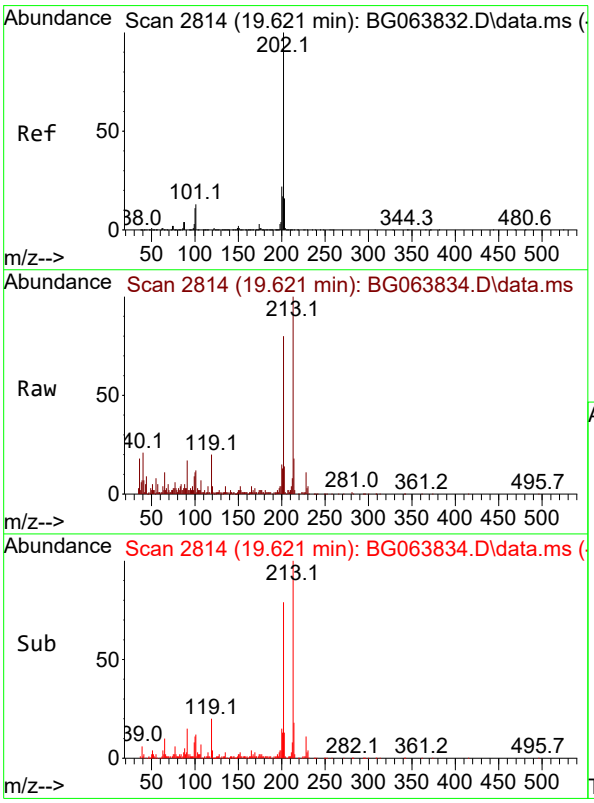
#80
Fluoranthene
Concen: 2.679 ng/ul
RT: 19.257 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Instrument :
BNA_G
ClientSampleId :
E2911

Tgt Ion:202 Resp: 96768

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.1	12.1
100	10.1	6.5	9.7#

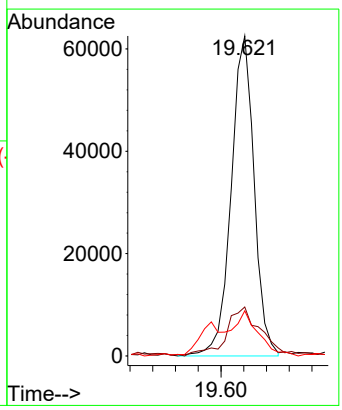


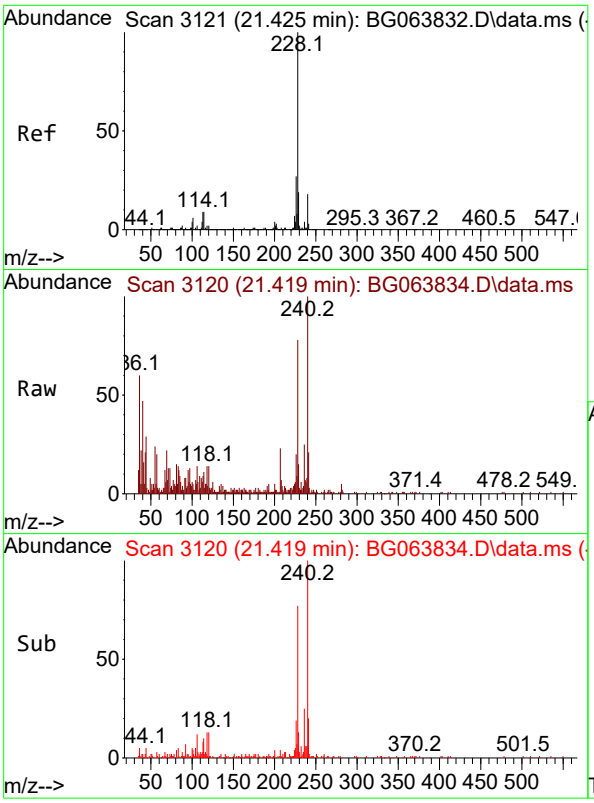


#82
Pyrene
Concen: 2.284 ng/ul
RT: 19.621 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Tgt Ion:202 Resp: 87777

Ion	Ratio	Lower	Upper
202	100		
101	15.3	8.7	13.1#
100	14.1	7.8	11.6#



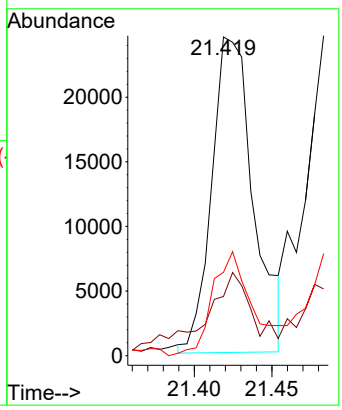


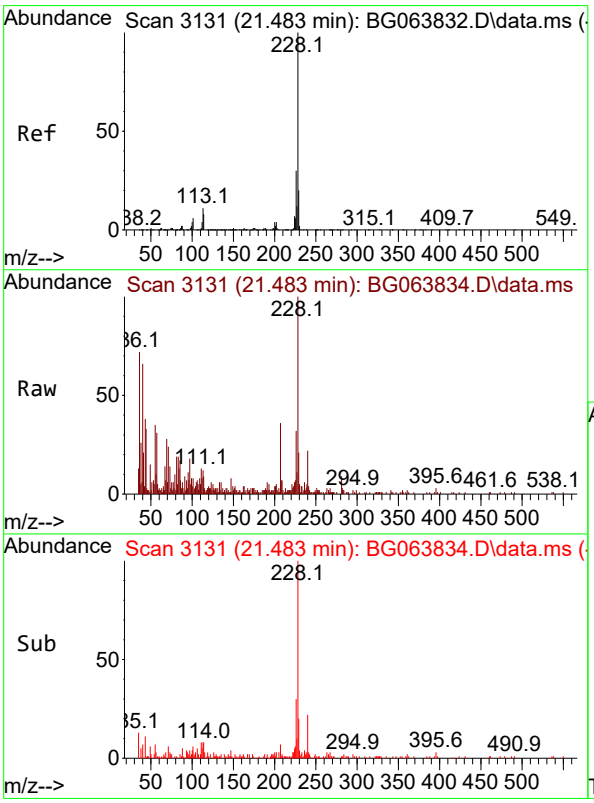
#85
Benzo(a)anthracene
Concen: 1.192 ng/ul
RT: 21.419 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Instrument :
BNA_G
ClientSampleId :
E2911

Tgt Ion:228 Resp: 45625

Ion	Ratio	Lower	Upper
228	100		
229	18.6	15.7	23.5
226	26.2	22.0	33.0

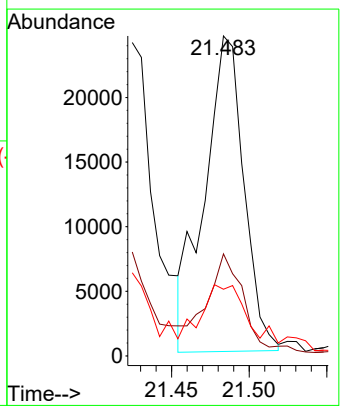


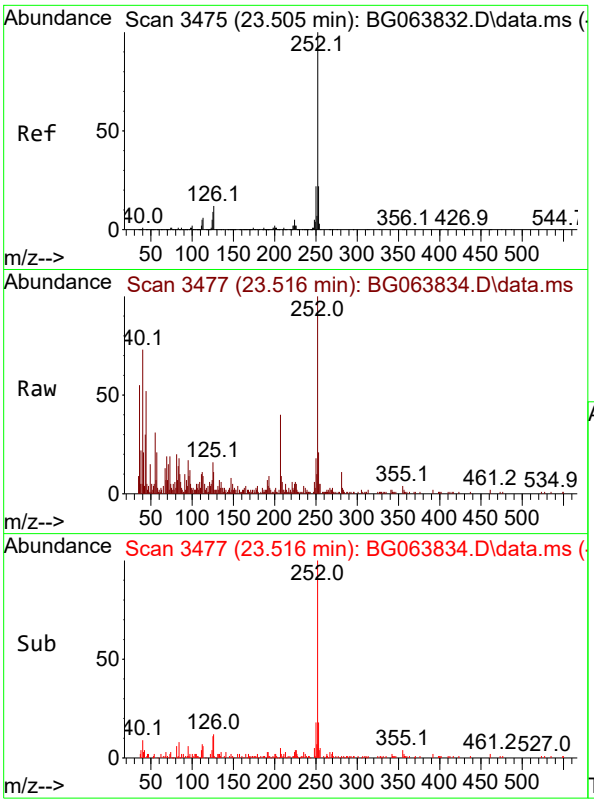


#87
Chrysene
Concen: 1.182 ng/ul
RT: 21.483 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Tgt Ion:228 Resp: 43105

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	20.8	14.8	22.2



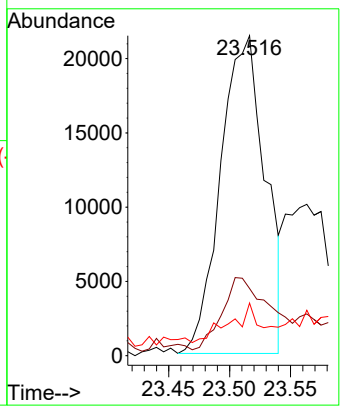


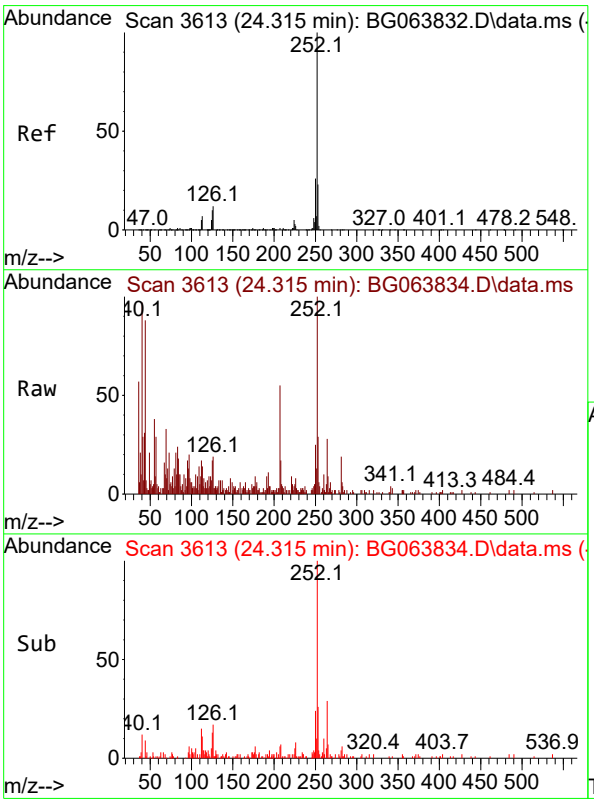
#90
Benzo(b)fluoranthene
Concen: 1.474 ng/ul
RT: 23.516 min Scan# 34
Delta R.T. 0.017 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Instrument :
BNA_G
ClientSampleId :
E2911

Tgt Ion:252 Resp: 54271

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.7	26.5
125	16.4	7.0	10.4#





#93
Benzo(a)pyrene
Concen: 1.175 ng/ul
RT: 24.315 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BG063834.D
Acq: 26 Dec 2024 14:31

Tgt Ion:252 Resp: 40625

Ion	Ratio	Lower	Upper
252	100		
253	29.0	16.6	24.8#
125	16.8	8.0	12.0#