Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061286.D
Acq On : 24 May 2024 13:49
Operator : MA/JU
Sample : P2548-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH612

Quant Time: May 24 23:48:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	17650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	79742	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	67868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	167697	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	162501	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	186497	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1543	4.892	ng/uL	0.00
4) Pyridine-d5	3.746	84	21883	19.503	ng/ul	0.00
7) Phenol-d5	7.066	99	46095	31.802	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	30744	33.746	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	36353	33.889	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	42505	34.392	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	20973	34.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	24291	33.806	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	48055	34.305	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	61710	33.673	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	191162	36.317	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	203348	37.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	21081	32.394	ng/ul	0.00
60) Fluorene-d10	15.515	176	170929	37.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	29768	29.349	ng/ul	0.00
73) Anthracene-d10	17.365	188	281074	38.018	ng/ul	0.00
81) Pyrene-d10	19.657	212	334485	40.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	346269	38.620	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	13299	1.634	ng/ul	95
74) Anthracene	17.307	178	13299	1.580	ng/ul	97
80) Fluoranthene	19.322	202	36671	3.664	ng/ul#	97
82) Pyrene	19.686	202	38378	3.694	ng/ul	99
85) Benzo(a)anthracene	21.560	228	24058	2.146	ng/ul	94
87) Chrysene	21.560	228	24058	2.330	ng/ul	96
90) Benzo(b)fluoranthene	23.634	252	30873	2.780	ng/ul#	95
91) Benzo(k)fluoranthene	23.693	252	11886	1.054	ng/ul#	97
93) Benzo(a)pyrene	24.457	252	24061	2.282	ng/ul	95

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

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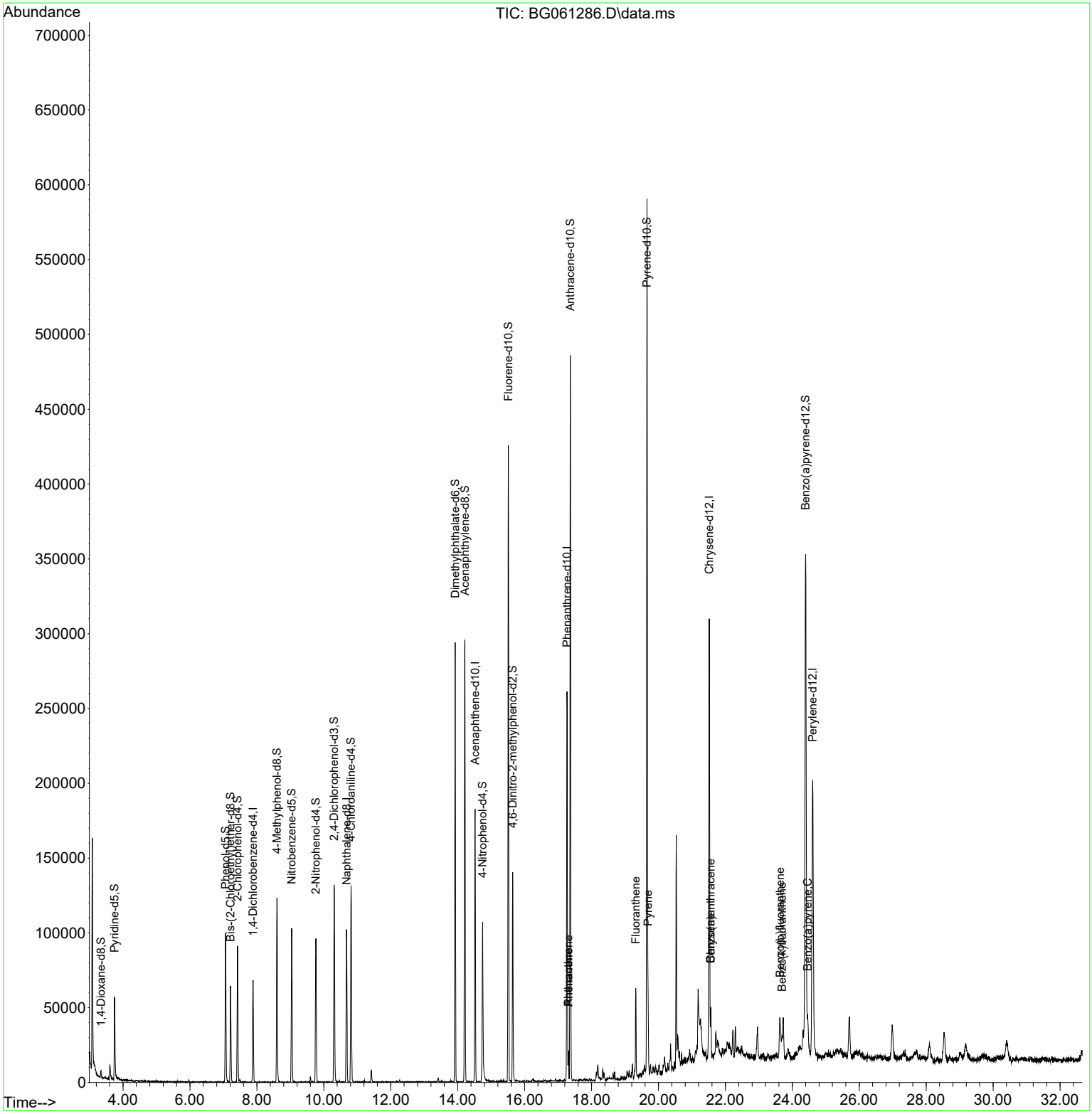
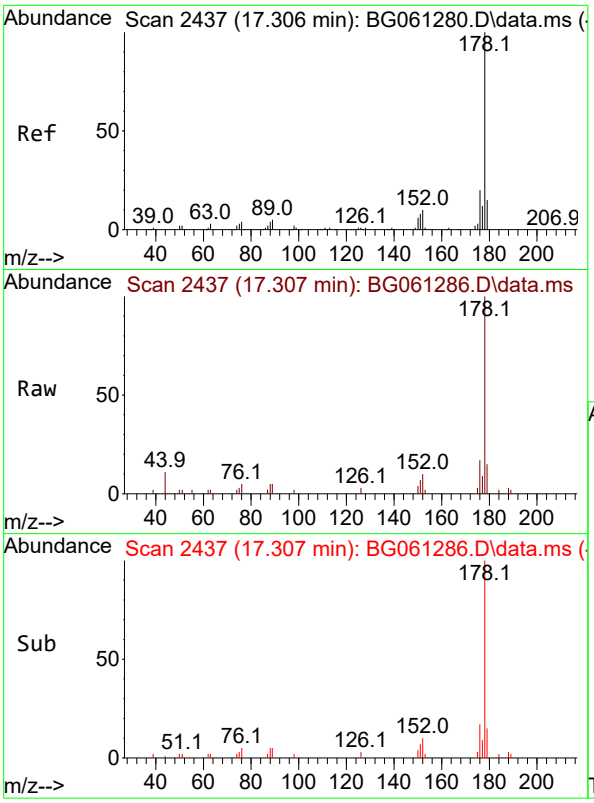
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



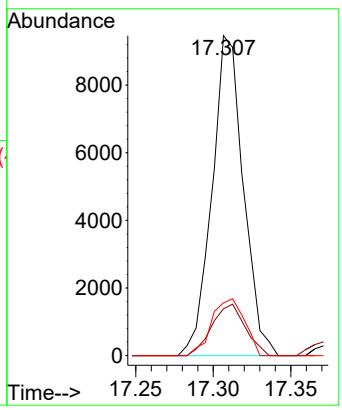


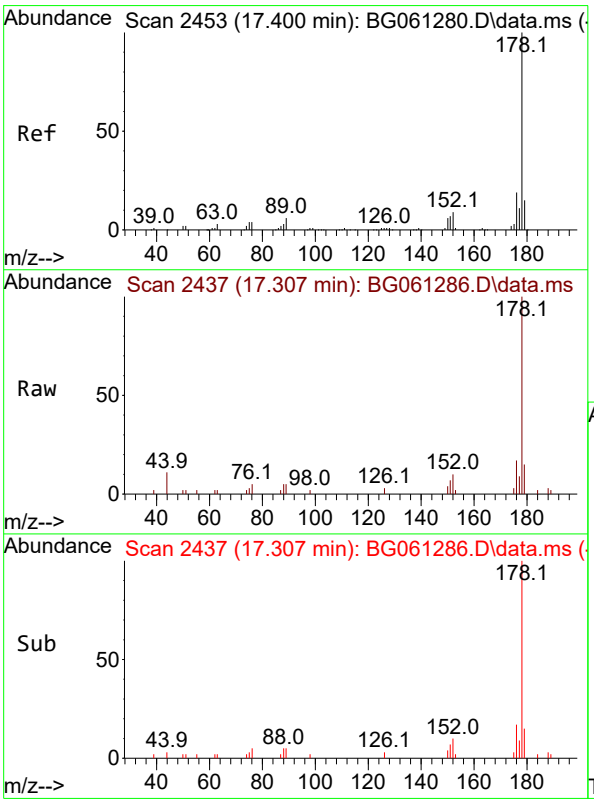
#72
Phenanthrene
Concen: 1.634 ng/ul
RT: 17.307 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Instrument :
BNA_G
ClientSampleId :
BH612

Tgt Ion:178 Resp: 13299

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.7	19.1
176	16.5	15.5	23.3

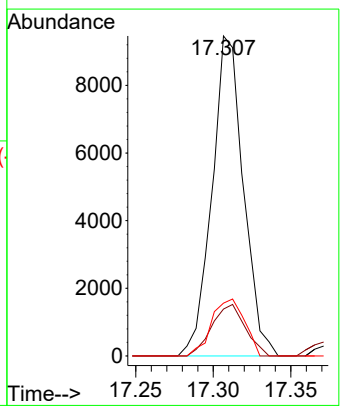


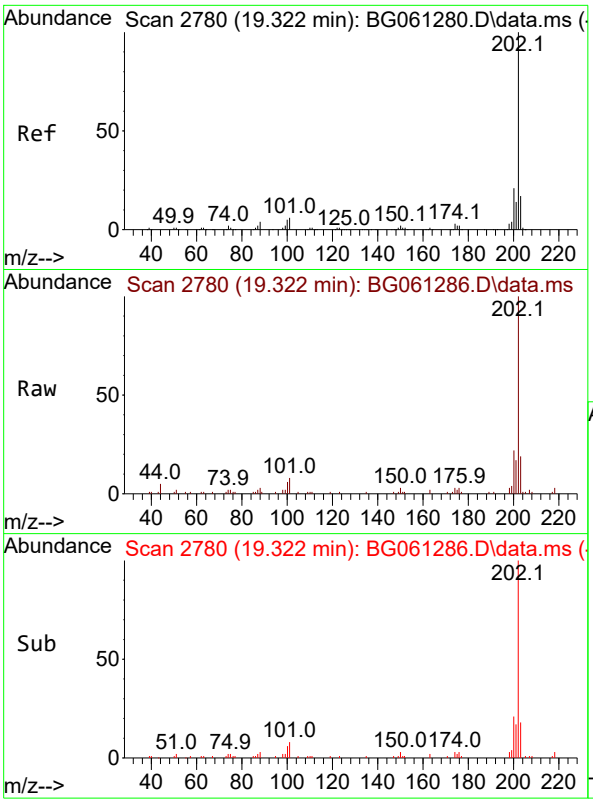


#74
Anthracene
Concen: 1.580 ng/ul
RT: 17.307 min Scan# 2437
Delta R.T. -0.094 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Tgt Ion:178 Resp: 13299

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.6
176	16.5	14.9	22.3



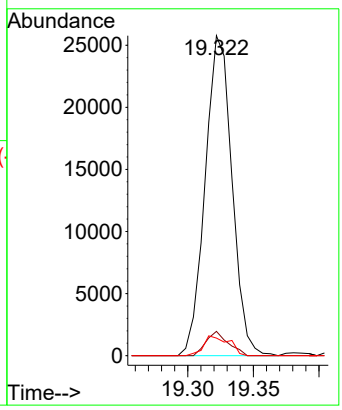


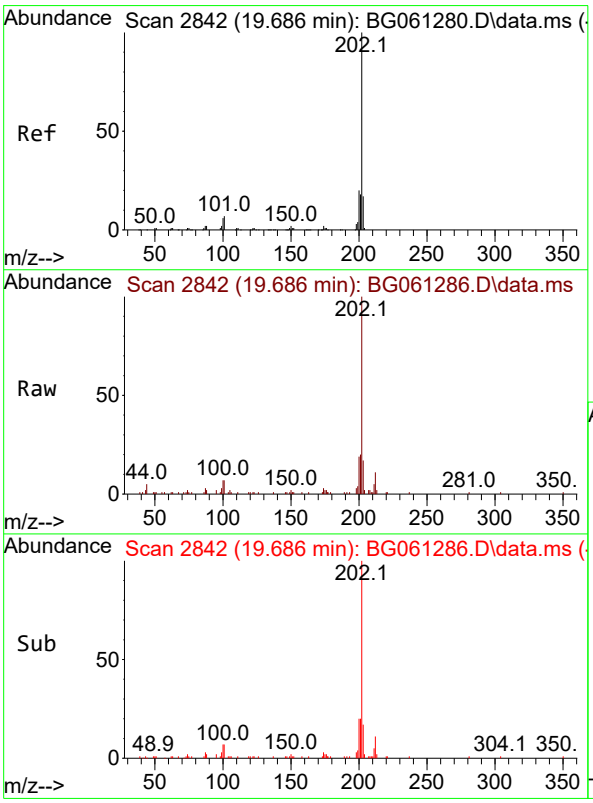
#80
Fluoranthene
Concen: 3.664 ng/ul
RT: 19.322 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Instrument :
BNA_G
ClientSampleId :
BH612

Tgt Ion:202 Resp: 36671

Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.8	7.2#
100	5.5	4.1	6.1

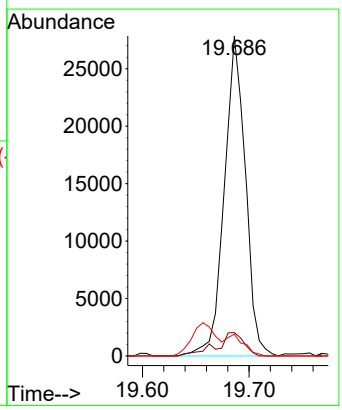


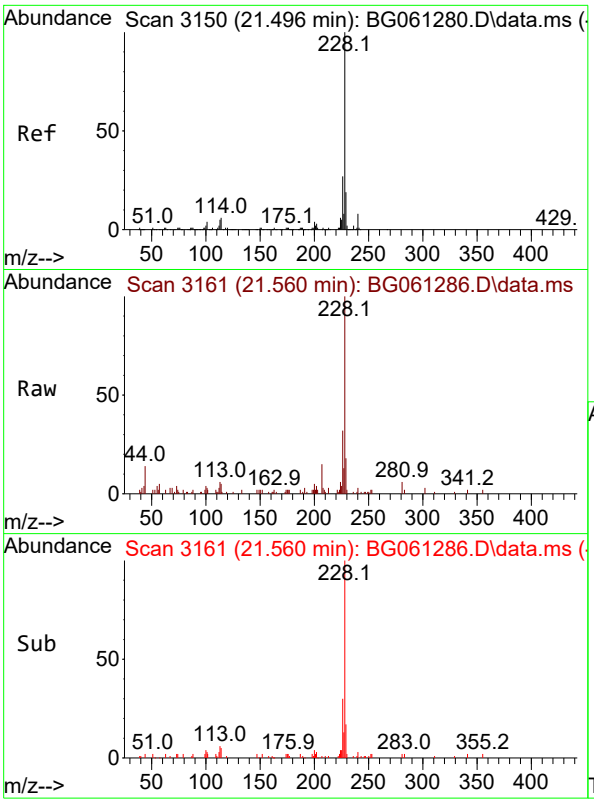


#82
Pyrene
Concen: 3.694 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Tgt Ion:202 Resp: 38378

Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.7	8.5
100	6.8	5.1	7.7



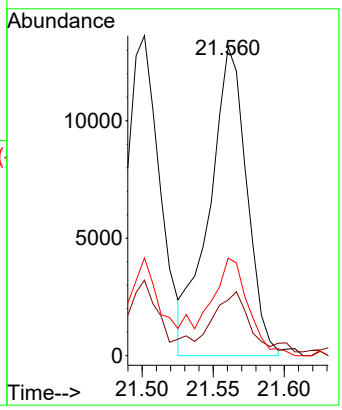


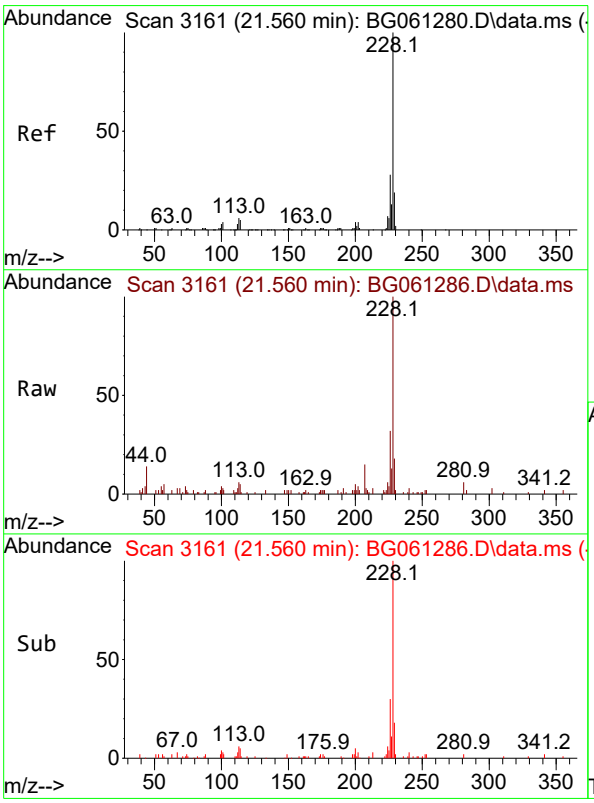
#85
Benzo(a)anthracene
Concen: 2.146 ng/ul
RT: 21.560 min Scan# 3
Delta R.T. 0.058 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Instrument :
BNA_G
ClientSampleId :
BH612

Tgt Ion:228 Resp: 24058

Ion	Ratio	Lower	Upper
228	100		
229	18.0	15.2	22.8
226	31.6	21.4	32.2

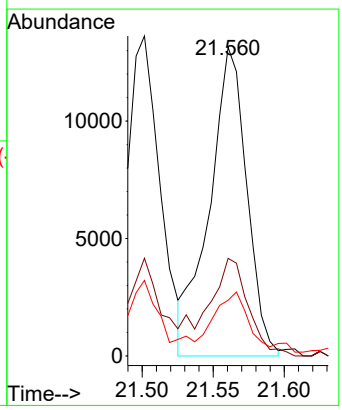


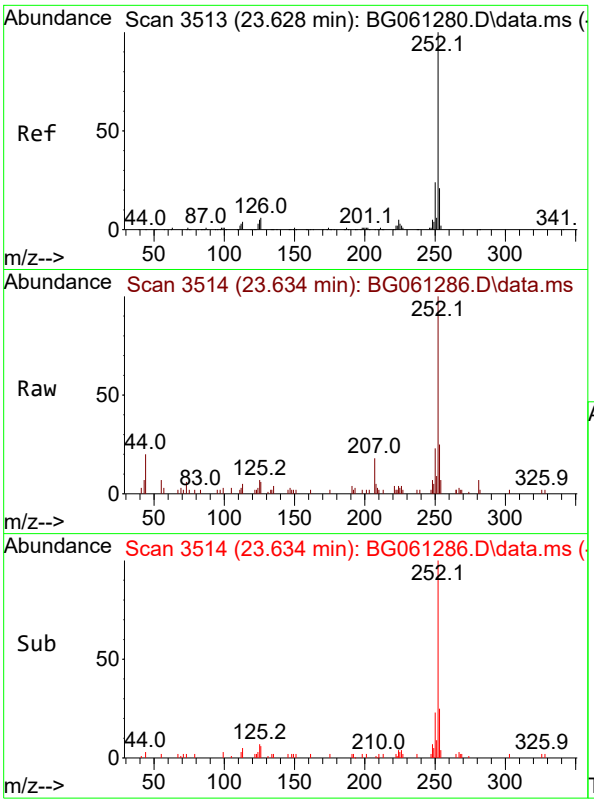


#87
Chrysene
Concen: 2.330 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Tgt Ion:228 Resp: 24058

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	18.0	15.4	23.2



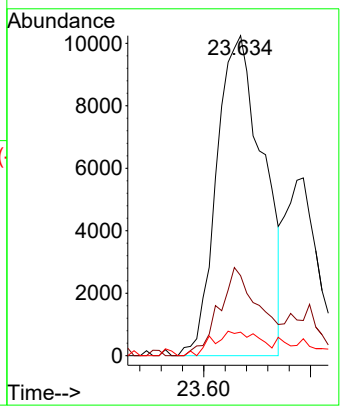


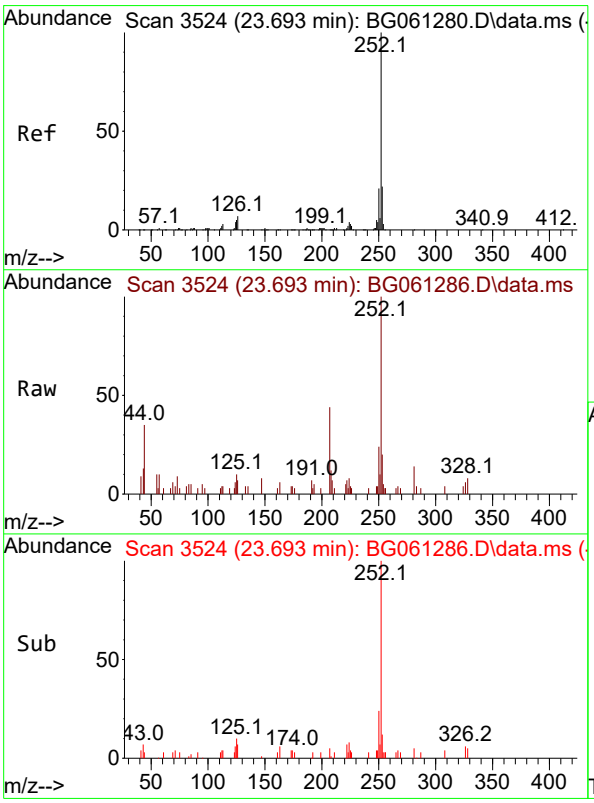
#90
Benzo(b)fluoranthene
Concen: 2.780 ng/ul
RT: 23.634 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Instrument :
BNA_G
ClientSampleId :
BH612

Tgt Ion:252 Resp: 30873

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	7.3	4.6	6.8#

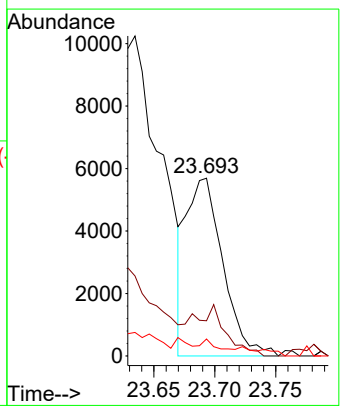


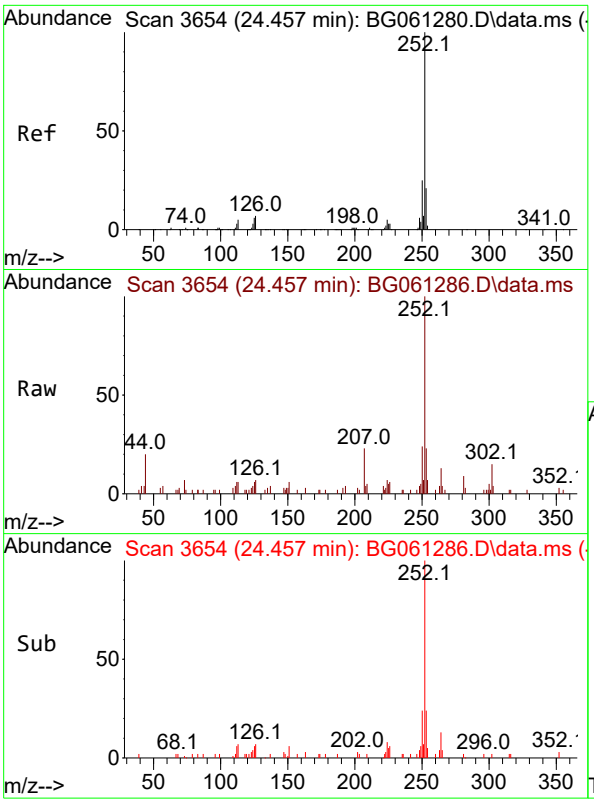


#91
Benzo(k)fluoranthene
Concen: 1.054 ng/ul
RT: 23.693 min Scan# 3524
Delta R.T. -0.000 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Tgt Ion:252 Resp: 11886

Ion	Ratio	Lower	Upper
252	100		
253	19.8	16.0	24.0
125	9.5	4.3	6.5#





#93
Benzo(a)pyrene
Concen: 2.282 ng/ul
RT: 24.457 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Instrument :
BNA_G
ClientSampleId :
BH612

Tgt Ion:252 Resp: 24061

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.4	24.6
125	6.0	4.3	6.5