

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061287.D
 Acq On : 24 May 2024 14:30
 Operator : MA/JU
 Sample : P2548-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH613

Quant Time: May 24 23:48:39 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)

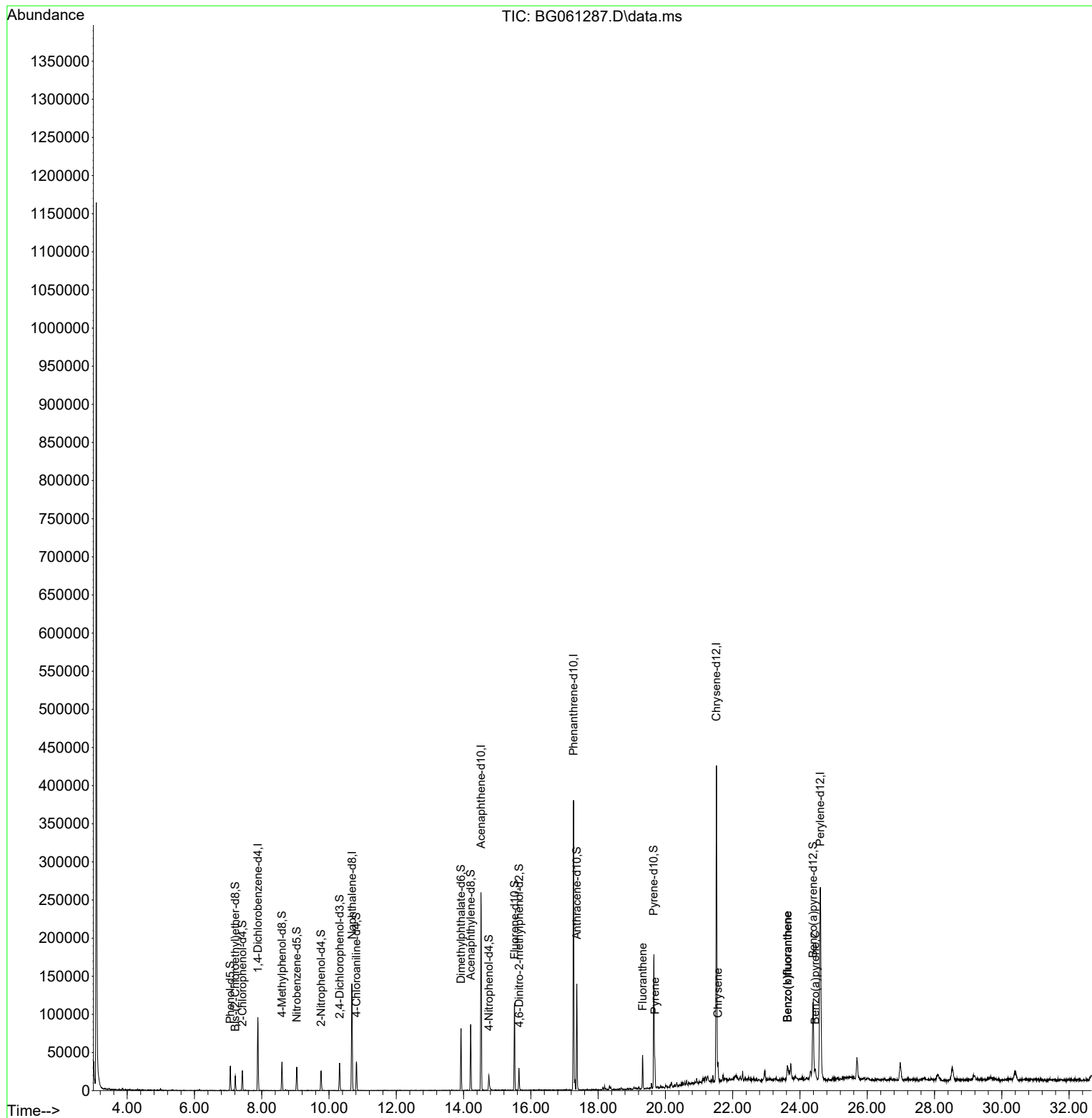
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	23718	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	106002	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164	91827	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	236272	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	240102	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	269292	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	339	0.800	ng/uL	0.00
4) Pyridine-d5	3.760	84	635	0.421	ng/ul	0.01
7) Phenol-d5	7.062	99	13513	6.938	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	8751	7.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	10679	7.408	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	12170	7.328	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	6137	7.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.765	143	7426	7.775	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	13062	7.015	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	17891	7.344	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	52705	7.400	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	56957	7.693	ng/ul	0.00
54) 4-Nitrophenol-d4	14.753	143	4997	5.675	ng/ul	0.00
60) Fluorene-d10	15.517	176	48206	7.840	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	6494	4.544	ng/ul	0.00
73) Anthracene-d10	17.367	188	84928	8.153	ng/ul	0.00
81) Pyrene-d10	19.653	212	98887	8.021	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.389	264	100703	7.778	ng/ul	0.00
Target Compounds						Qvalue
80) Fluoranthene	19.324	202	28098	1.900	ng/ul	98
82) Pyrene	19.688	202	27176	1.770	ng/ul	96
87) Chrysene	21.563	228	15426	1.011	ng/ul	95
90) Benzo(b)fluoranthene	23.631	252	21462	1.339	ng/ul	93
91) Benzo(k)fluoranthene	23.631	252	21462	1.319	ng/ul	96
93) Benzo(a)pyrene	24.453	252	16999	1.117	ng/ul	95

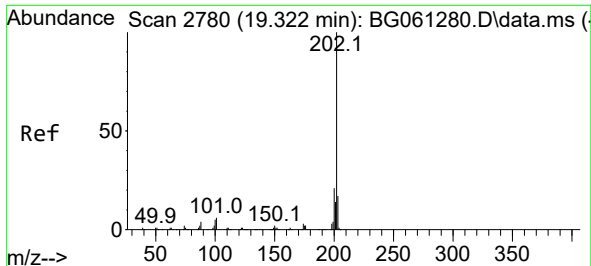
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

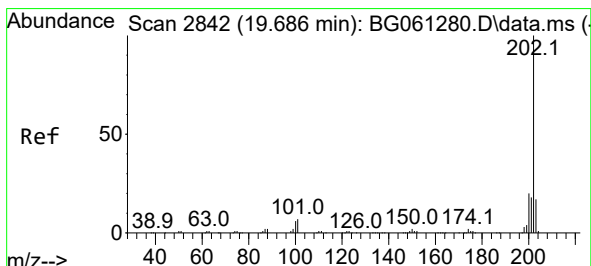
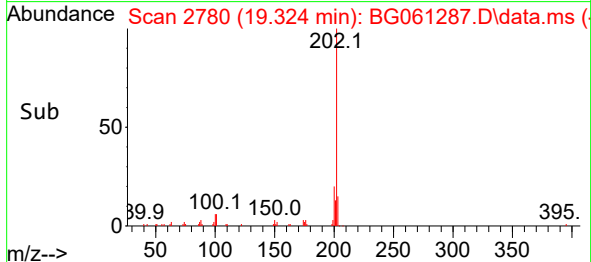
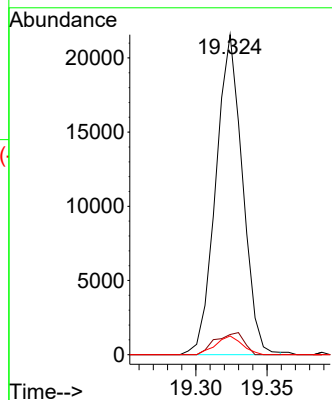
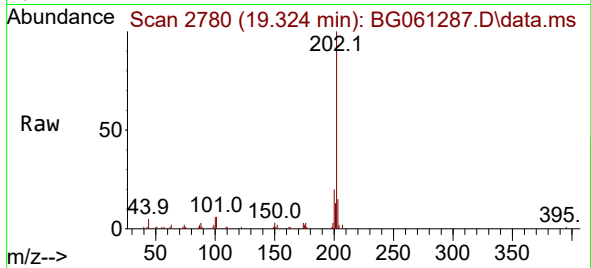




#80
Fluoranthene
Concen: 1.900 ng/ul
RT: 19.324 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061287.D
Acq: 24 May 2024 14:30

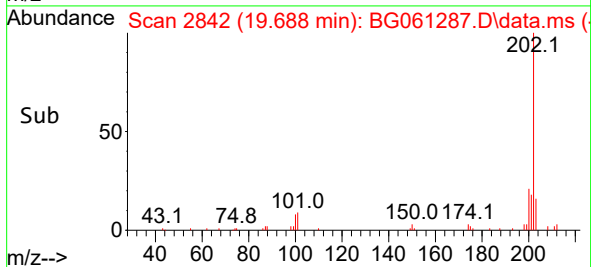
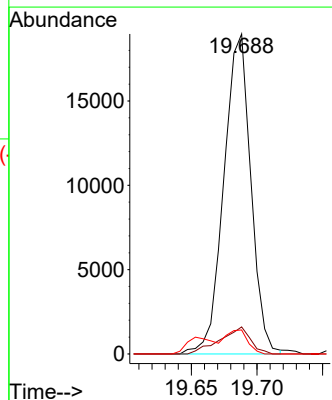
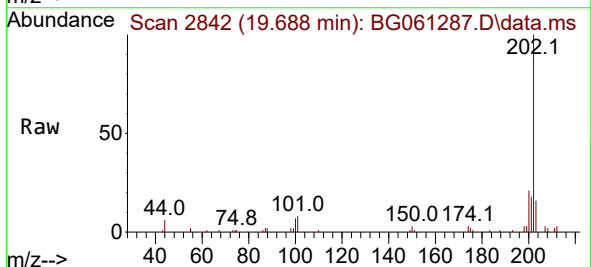
Instrument :
BNA_G
ClientSampleId :
BH613

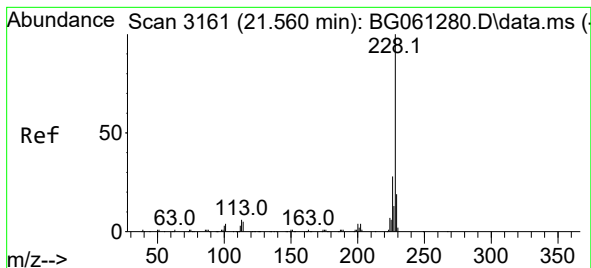
Tgt Ion:202 Resp: 28098
Ion Ratio Lower Upper
202 100
101 6.3 4.8 7.2
100 5.9 4.1 6.1



#82
Pyrene
Concen: 1.770 ng/ul
RT: 19.688 min Scan# 2842
Delta R.T. 0.002 min
Lab File: BG061287.D
Acq: 24 May 2024 14:30

Tgt Ion:202 Resp: 27176
Ion Ratio Lower Upper
202 100
101 8.4 5.7 8.5
100 7.5 5.1 7.7





#87

Chrysene

Concen: 1.011 ng/ul

RT: 21.563 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BG061287.D

Acq: 24 May 2024 14:30

Instrument :

BNA_G

ClientSampleId :

BH613

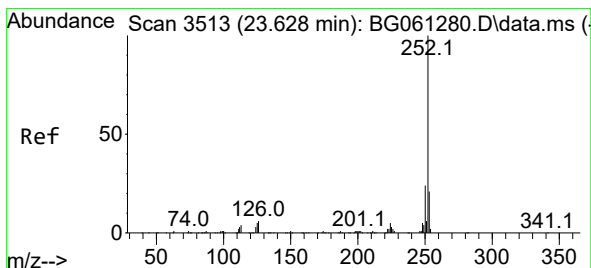
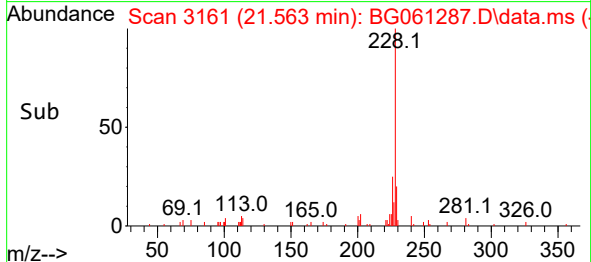
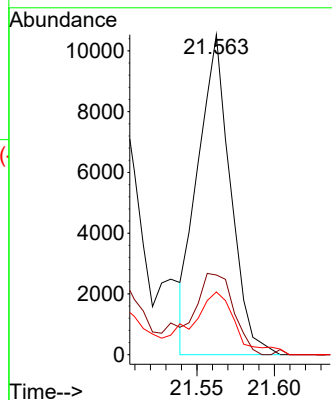
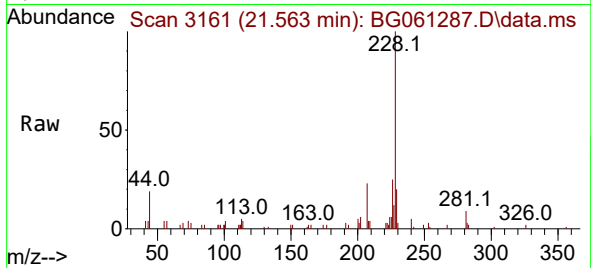
Tgt Ion:228 Resp: 15426

Ion Ratio Lower Upper

228 100

226 24.9 23.4 35.0

229 19.6 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 1.339 ng/ul

RT: 23.631 min Scan# 3513

Delta R.T. 0.002 min

Lab File: BG061287.D

Acq: 24 May 2024 14:30

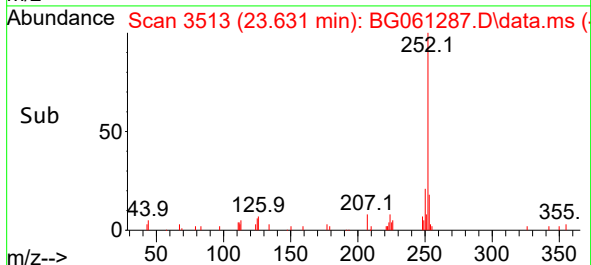
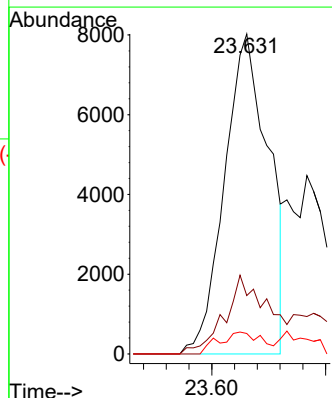
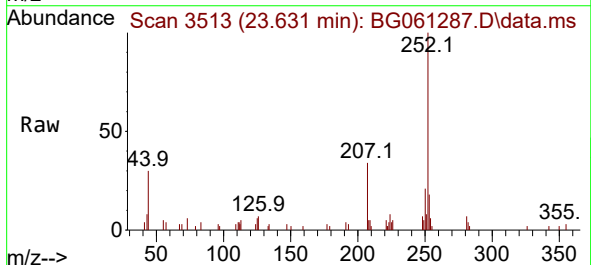
Tgt Ion:252 Resp: 21462

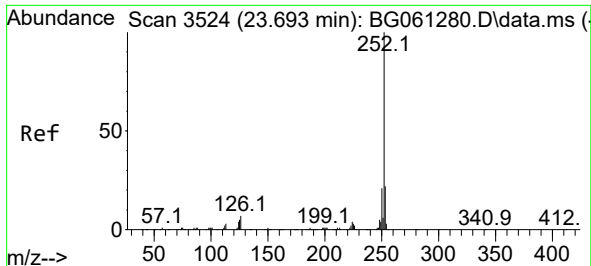
Ion Ratio Lower Upper

252 100

253 18.2 17.8 26.8

125 6.4 4.6 6.8

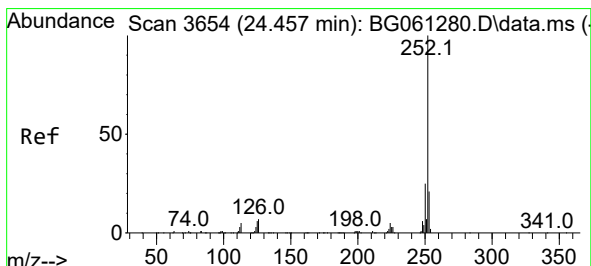
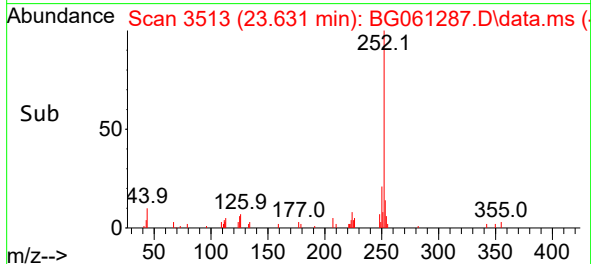
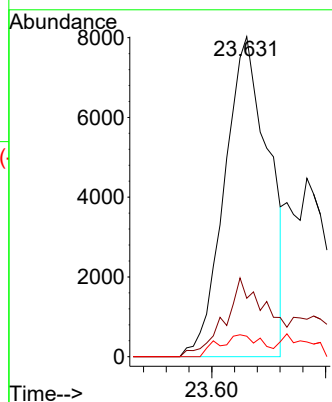
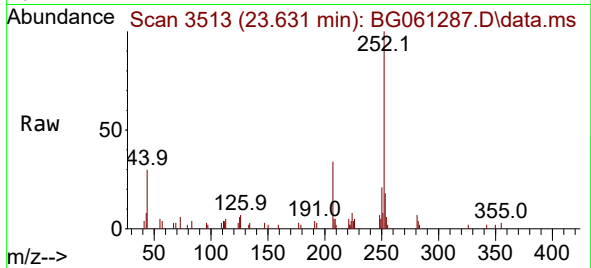




#91
Benzo(k)fluoranthene
Concen: 1.319 ng/ul
RT: 23.631 min Scan# 311
Delta R.T. -0.063 min
Lab File: BG061287.D
Acq: 24 May 2024 14:30

Instrument :
BNA_G
ClientSampleId :
BH613

Tgt Ion:252 Resp: 21462
Ion Ratio Lower Upper
252 100
253 18.2 16.0 24.0
125 6.4 4.3 6.5



#93
Benzo(a)pyrene
Concen: 1.117 ng/ul
RT: 24.453 min Scan# 3653
Delta R.T. -0.010 min
Lab File: BG061287.D
Acq: 24 May 2024 14:30

Tgt Ion:252 Resp: 16999
Ion Ratio Lower Upper
252 100
253 17.7 16.4 24.6
125 6.1 4.3 6.5

