

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061780.D
 Acq On : 28 Jun 2024 20:24
 Operator : MA/JU
 Sample : P2934-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CP5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 04:22:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	77047	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	354435	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	226409	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	496629	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	365929	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	422790	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.465	96	8149m	3.821	ng/uL	0.01
4) Pyridine-d5	3.888	84	18330	2.843	ng/u1	0.02
7) Phenol-d5	7.207	99	176194	21.065	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	116571	22.357	ng/u1	0.00
11) 2-Chlorophenol-d4	7.589	132	126710	22.076	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	115295	17.831	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	65120	27.059	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	72081	29.573	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	136604	23.669	ng/u1	0.00
31) 4-Chloroaniline-d4	10.997	131	108455	12.412	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	428550	24.597	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	487281	25.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	58628	19.593	ng/u1	0.00
60) Fluorene-d10	15.674	176	378906	24.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	30073	14.161	ng/u1	0.00
73) Anthracene-d10	17.530	188	552258	24.362	ng/u1	0.00
81) Pyrene-d10	19.810	212	512738	25.085	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.687	264	356931	17.676	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.876	105	10870	1.021	ng/u1#	85
72) Phenanthrene	17.472	178	127224	4.869	ng/u1	95
80) Fluoranthene	19.475	202	257460	10.856	ng/u1	98
82) Pyrene	19.839	202	190540	7.556	ng/u1#	96
85) Benzo(a)anthracene	21.673	228	114118	4.443	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.584	149	570001	42.234	ng/u1	97
87) Chrysene	21.737	228	122885	5.056	ng/u1	98
90) Benzo(b)fluoranthene	23.882	252	181696m	7.149	ng/u1	
91) Benzo(k)fluoranthene	23.952	252	43549	1.666	ng/u1	97
93) Benzo(a)pyrene	24.751	252	62911	2.571	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.576	276	60580m	1.987	ng/u1	

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

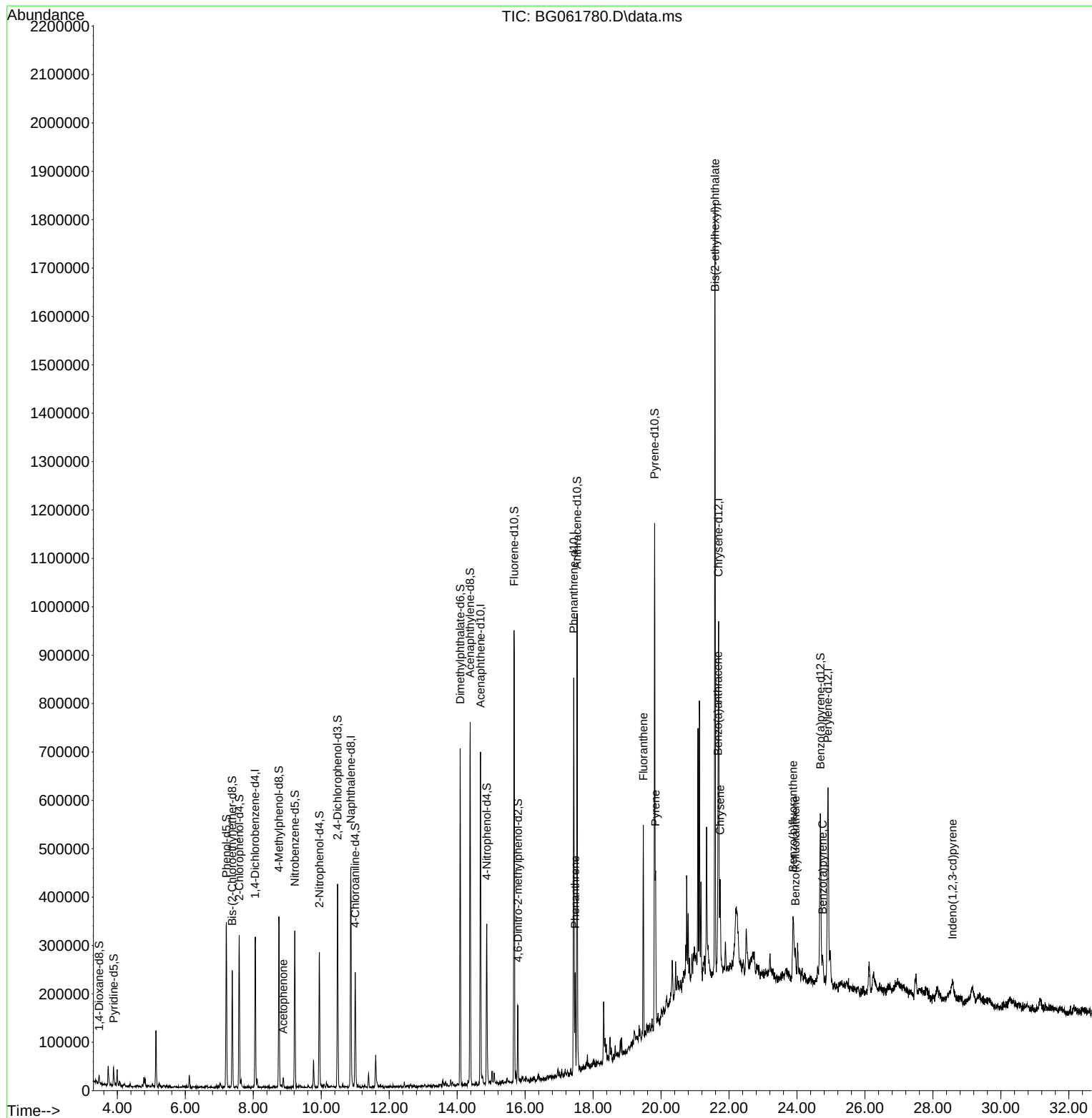
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061780.D
Acq On : 28 Jun 2024 20:24
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ALS Vial : 8 Sample Multiplier: 1

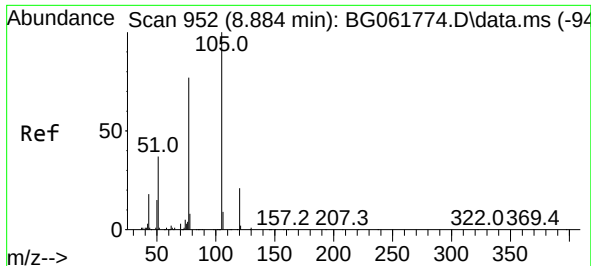
Instrument :
BNA_G
ClientSampleId :
A4CP5

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





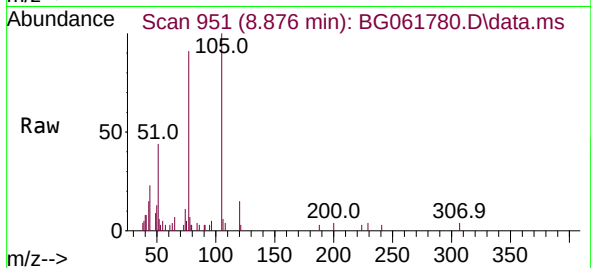
#16
Acetophenone
Concen: 1.021 ng/ul
RT: 8.876 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG061780.D
Acq: 28 Jun 2024 20:24

Instrument :

BNA_G

ClientSampleId :

A4CP5



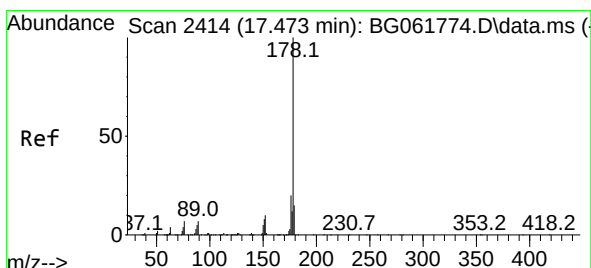
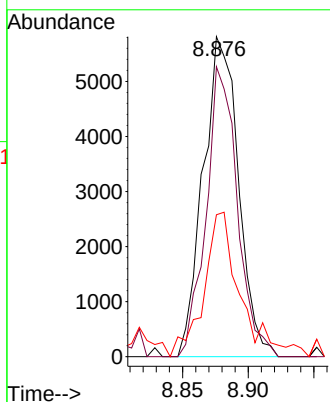
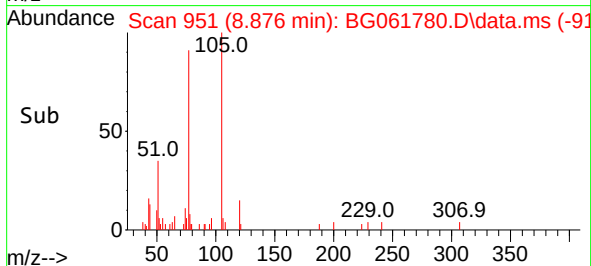
Tgt Ion:105 Resp: 10870
Ion Ratio Lower Upper
105 100
77 90.6 60.4 90.6
51 44.3 31.1 46.7

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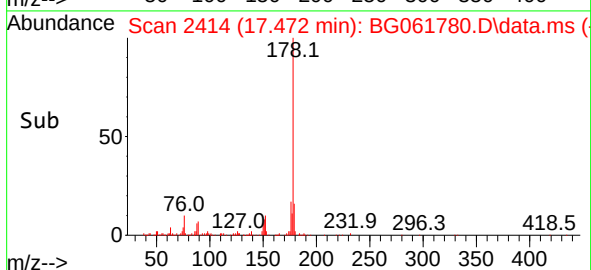
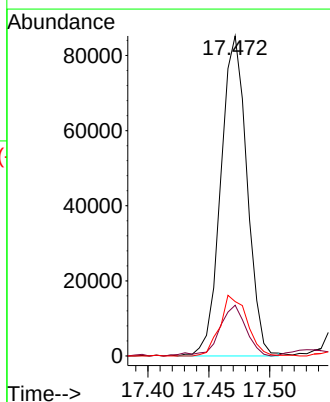
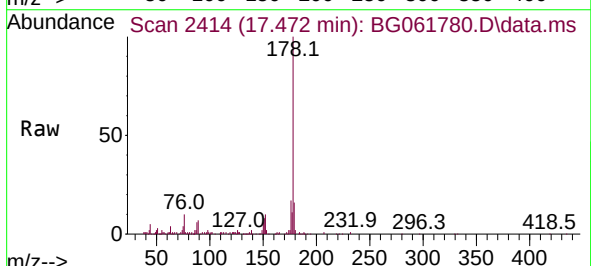
Reviewed By :Yogesh Patel 06/29/2024

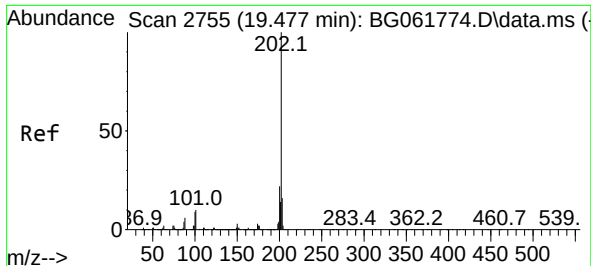
Supervised By :mohammad ahmed 06/29/2024



#72
Phenanthrene
Concen: 4.869 ng/ul
RT: 17.472 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG061780.D
Acq: 28 Jun 2024 20:24

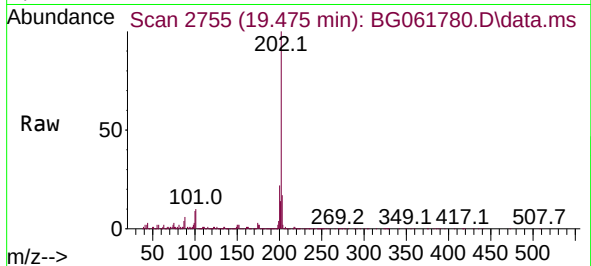
Tgt Ion:178 Resp: 127224
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 17.0 16.2 24.2





#80
Fluoranthene
Concen: 10.856 ng/u1
RT: 19.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061780.D
Acq: 28 Jun 2024 20:24

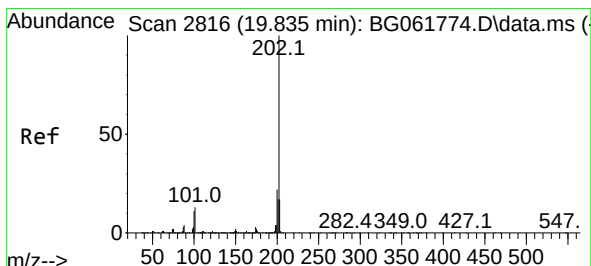
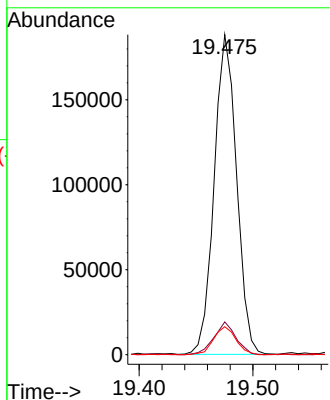
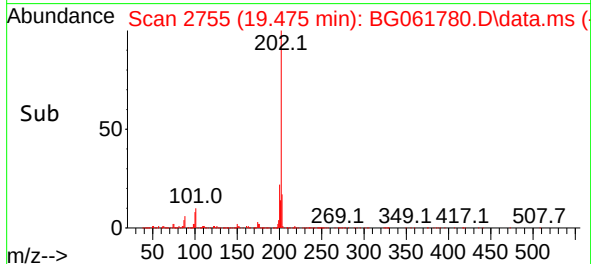
Instrument :
BNA_G
ClientSampleId :
A4CP5



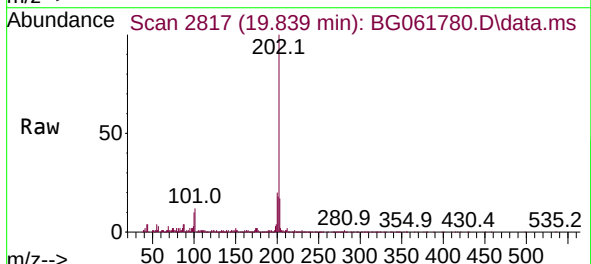
Tgt Ion:202 Resp: 257460
Ion Ratio Lower Upper
202 100
101 10.3 7.8 11.6
100 8.7 7.7 11.5

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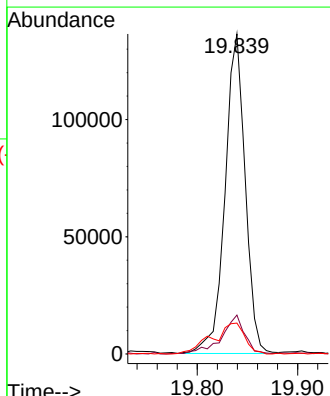
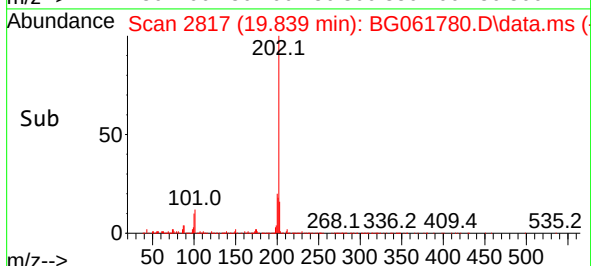
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

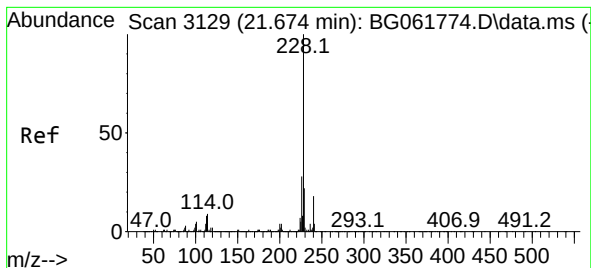


#82
Pyrene
Concen: 7.556 ng/u1
RT: 19.839 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BG061780.D
Acq: 28 Jun 2024 20:24



Tgt Ion:202 Resp: 190540
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.6 9.9 14.9#





#85

Benzo(a)anthracene

Concen: 4.443 ng/ul

RT: 21.673 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BG061780.D

Acq: 28 Jun 2024 20:24

Instrument :

BNA_G

ClientSampleId :

A4CP5

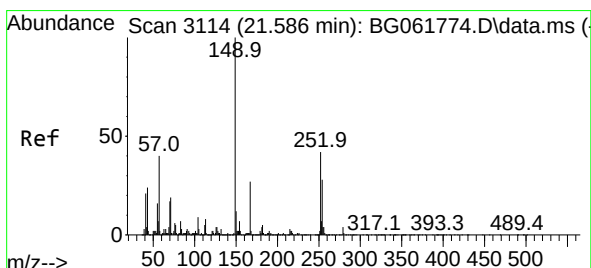
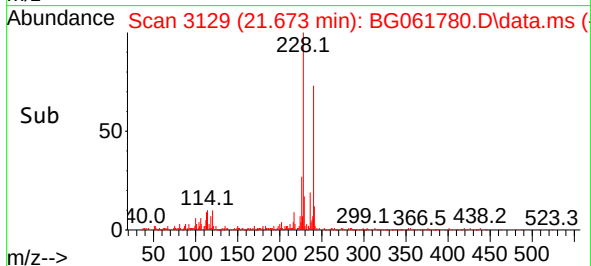
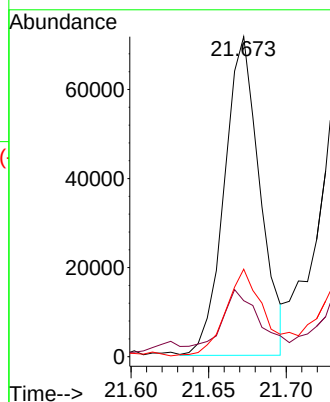
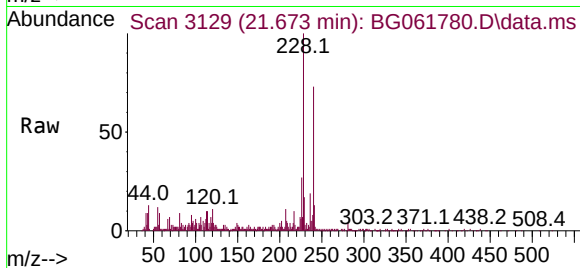
Tgt Ion:228	Resp: 114118
Ion Ratio	Lower Upper
228 100	
229 17.5	15.8 23.8
226 27.3	21.4 32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 42.234 ng/ul

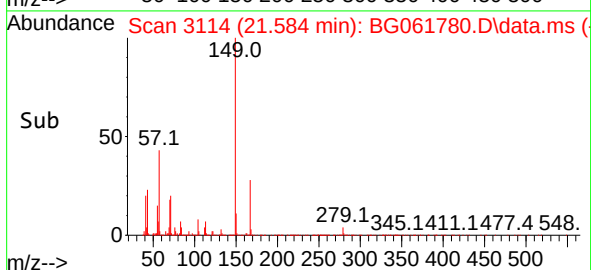
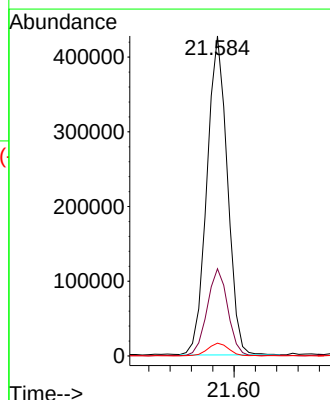
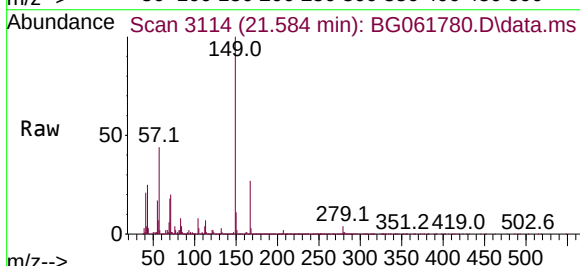
RT: 21.584 min Scan# 3114

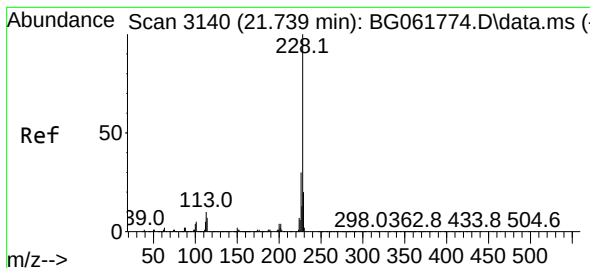
Delta R.T. -0.006 min

Lab File: BG061780.D

Acq: 28 Jun 2024 20:24

Tgt Ion:149	Resp: 570001
Ion Ratio	Lower Upper
149 100	
167 27.2	20.5 30.7
279 4.0	2.9 4.3





#87

Chrysene

Concen: 5.056 ng/ul

RT: 21.737 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BG061780.D

Acq: 28 Jun 2024 20:24

Instrument :

BNA_G

ClientSampleId :

A4CP5

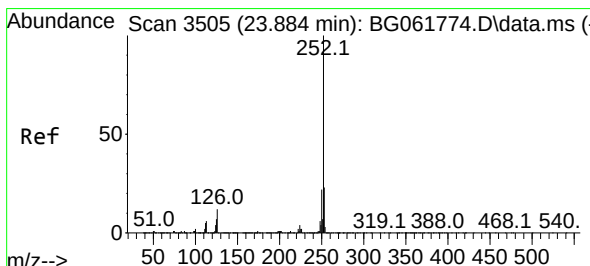
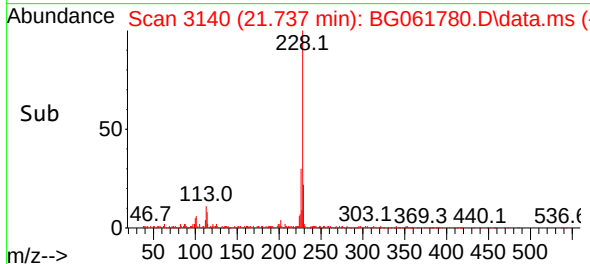
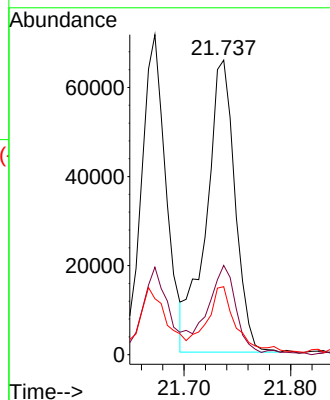
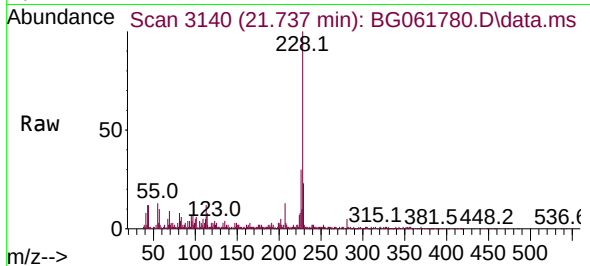
Tgt Ion:228	Resp: 12288
Ion Ratio	Lower Upper
228 100	
226 30.3	24.2 36.2
229 23.1	16.5 24.7

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#90

Benzo(b)fluoranthene

Concen: 7.149 ng/ul m

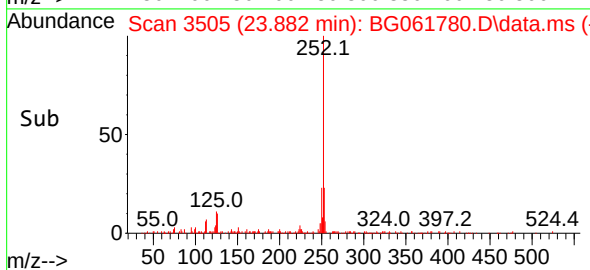
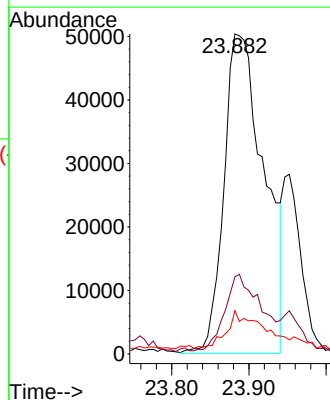
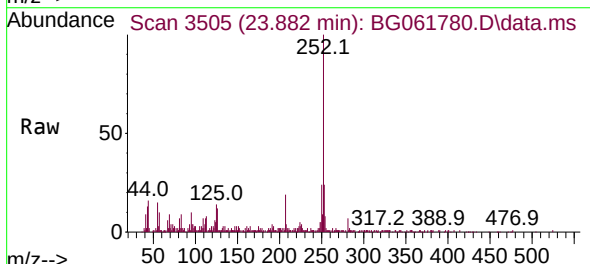
RT: 23.882 min Scan# 3505

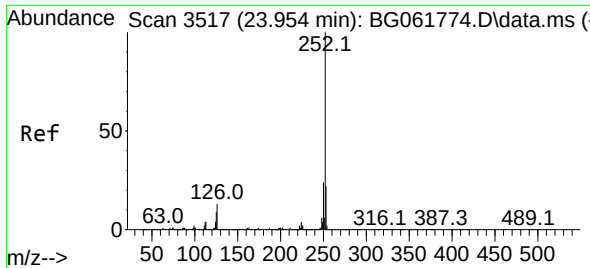
Delta R.T. -0.006 min

Lab File: BG061780.D

Acq: 28 Jun 2024 20:24

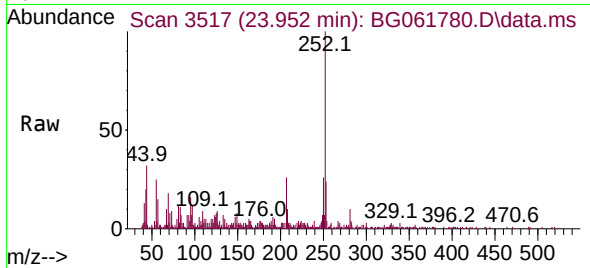
Tgt Ion:252	Resp: 181696
Ion Ratio	Lower Upper
252 100	
253 24.1	18.6 27.8
125 13.5	7.0 10.6





#91
Benzo(k)fluoranthene
Concen: 1.666 ng/ul
RT: 23.952 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BG061780.D
Acq: 28 Jun 2024 20:24

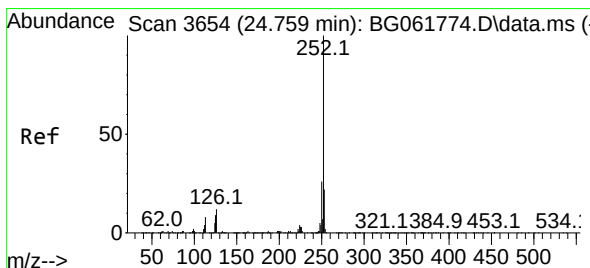
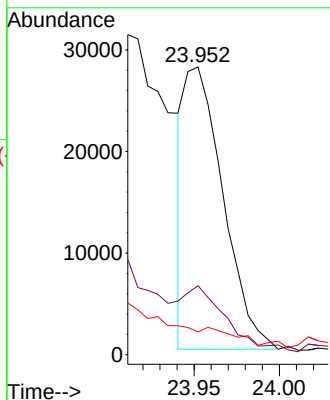
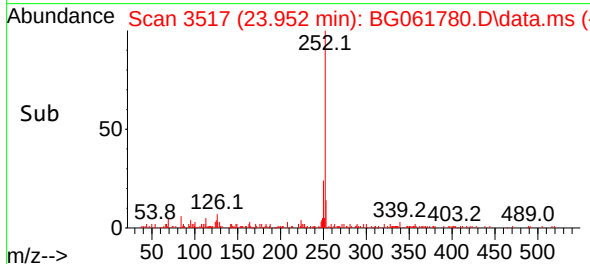
Instrument :
BNA_G
ClientSampleId :
A4CP5



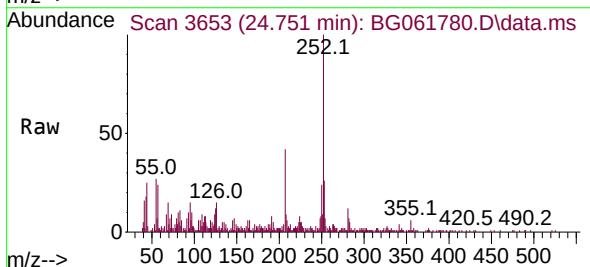
Tgt Ion:252 Resp: 43549
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 7.9 6.2 9.2

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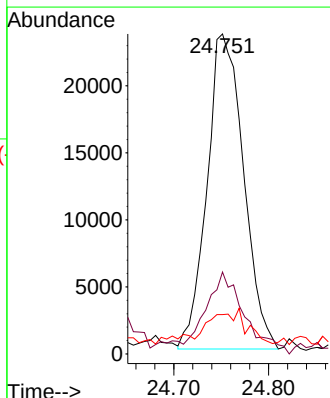
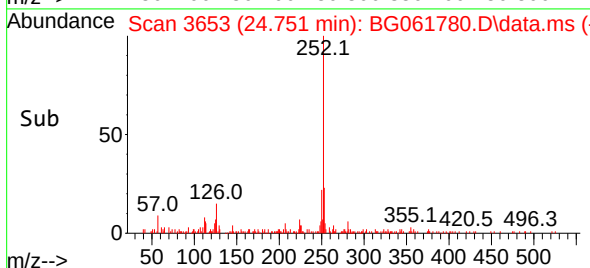
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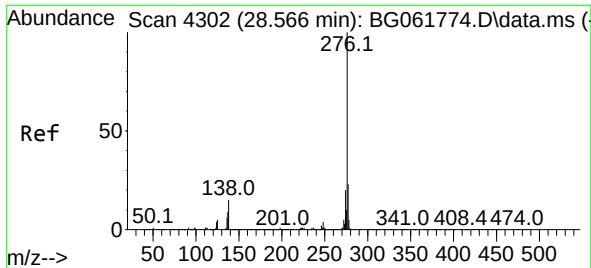


#93
Benzo(a)pyrene
Concen: 2.571 ng/ul
RT: 24.751 min Scan# 3653
Delta R.T. -0.012 min
Lab File: BG061780.D
Acq: 28 Jun 2024 20:24



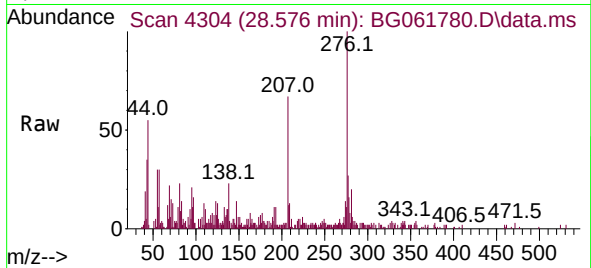
Tgt Ion:252 Resp: 62911
Ion Ratio Lower Upper
252 100
253 25.6 16.8 25.2#
125 12.3 6.5 9.7#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.987 ng/ul m
 RT: 28.576 min Scan# 4304
 Delta R.T. 0.012 min
 Lab File: BG061780.D
 Acq: 28 Jun 2024 20:24

Instrument :
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Tgt Ion: 276 Resp: 60580
 Ion Ratio Lower Upper
 276 100
 138 23.1 12.2 18.4
 277 27.0 19.7 29.5

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