

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061781.D
 Acq On : 28 Jun 2024 21:05
 Operator : MA/JU
 Sample : P2934-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ1

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 04:23:42 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	71919	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	324486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	204751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.425	188	430268	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	320194	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	374332	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	8893m	4.467	ng/uL	0.00
4) Pyridine-d5	3.894	84	10824	1.798	ng/u1	0.02
7) Phenol-d5	7.207	99	198486	25.422	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	121425	24.948	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	141654	26.439	ng/u1	0.00
15) 4-Methylphenol-d8	8.753	113	150249	24.893	ng/u1	0.00
21) Nitrobenzene-d5	9.223	128	71103	32.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	80550	36.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	153055	28.967	ng/u1	0.00
31) 4-Chloroaniline-d4	11.003	131	32694	4.087	ng/u1	0.00
46) Dimethylphthalate-d6	14.088	166	447177	28.381	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	507065	29.365	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	62134	22.961	ng/u1	0.00
60) Fluorene-d10	15.674	176	389972	28.271	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	35602	19.350	ng/u1	0.00
73) Anthracene-d10	17.525	188	550644	28.037	ng/u1	0.00
81) Pyrene-d10	19.810	212	483042	27.008	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.693	264	321814	18.000	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.921	128	18739	1.032	ng/u1	97
72) Phenanthrene	17.472	178	171707	7.586	ng/u1	98
74) Anthracene	17.560	178	36853m	1.592	ng/u1	
80) Fluoranthene	19.475	202	311039	14.988	ng/u1	97
82) Pyrene	19.840	202	226718	10.275	ng/u1	95
85) Benzo(a)anthracene	21.673	228	168942m	7.517	ng/u1	
87) Chrysene	21.737	228	195854	9.209	ng/u1	95
90) Benzo(b)fluoranthene	23.888	252	259131	11.516	ng/u1#	98
91) Benzo(k)fluoranthene	23.947	252	90603	3.915	ng/u1#	90
93) Benzo(a)pyrene	24.763	252	94019	4.340	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.582	276	101948m	3.777	ng/u1	
95) Dibenzo(a,h)anthracene	28.635	278	39922m	1.778	ng/u1	

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

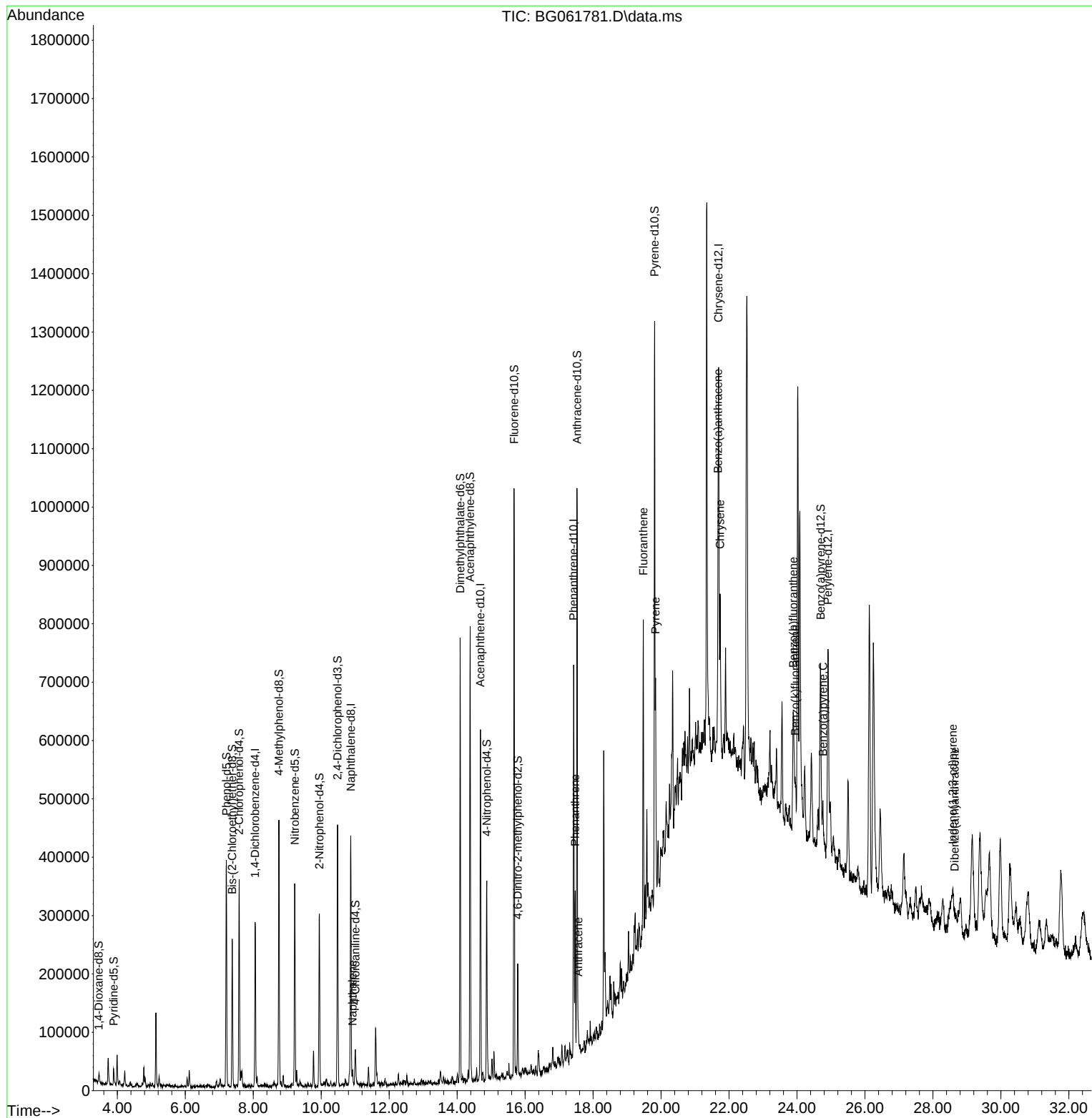
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061781.D
 Acq On : 28 Jun 2024 21:05
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 ALS Vial : 9 Sample Multiplier: 1

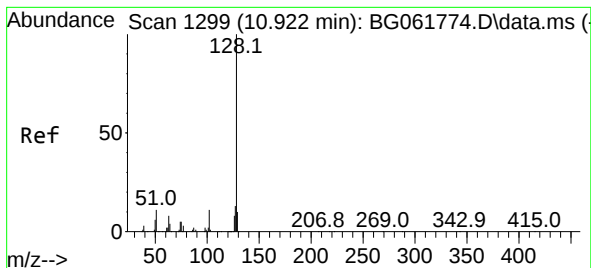
Instrument :
 BNA_G
 ClientSampleId :
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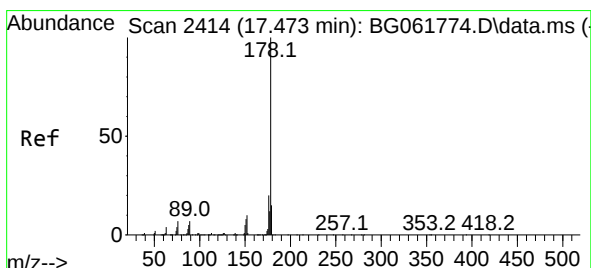
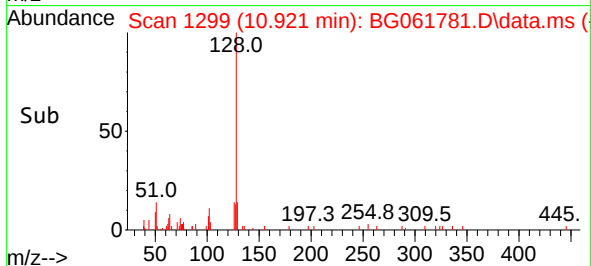
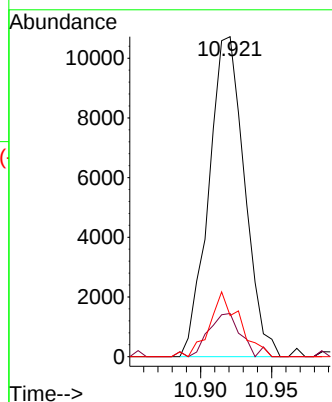
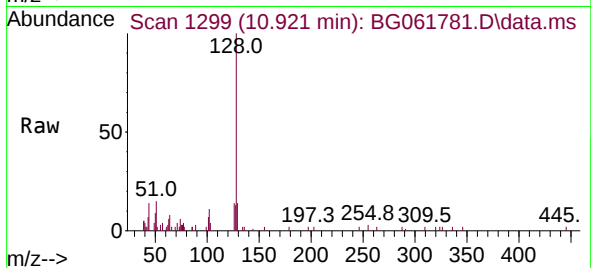
#30
Naphthalene
Concen: 1.032 ng/u1
RT: 10.921 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Tgt Ion:128 Resp: 18739
Ion Ratio Lower Upper
128 100
129 13.5 9.0 13.6
127 12.9 10.5 15.7

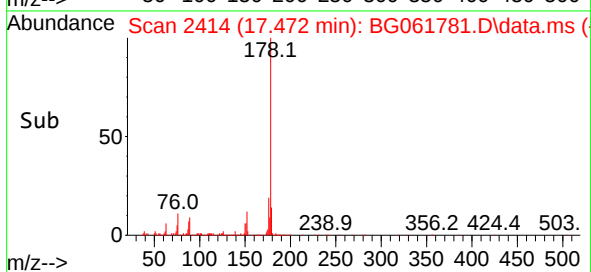
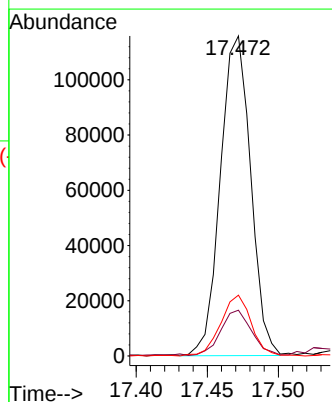
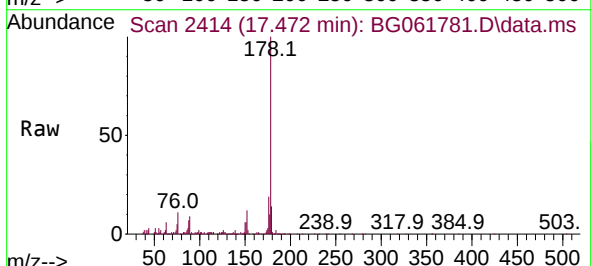
Manual Integrations
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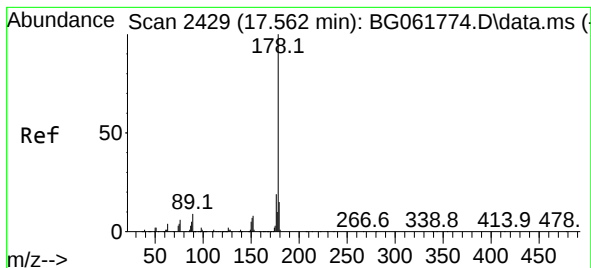
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#72
Phenanthrene
Concen: 7.586 ng/u1
RT: 17.472 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

Tgt Ion:178 Resp: 171707
Ion Ratio Lower Upper
178 100
179 14.3 12.0 18.0
176 19.0 16.2 24.2





#74

Anthracene

Concen: 1.592 ng/ul m

RT: 17.560 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Instrument :

BNA_G

ClientSampleId :

A4CQ1

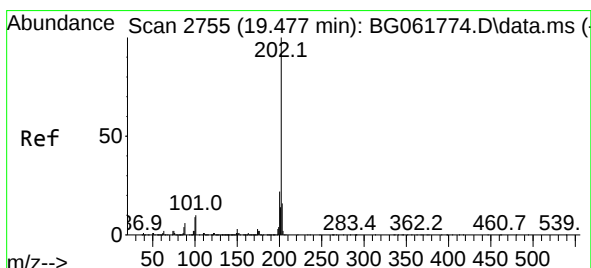
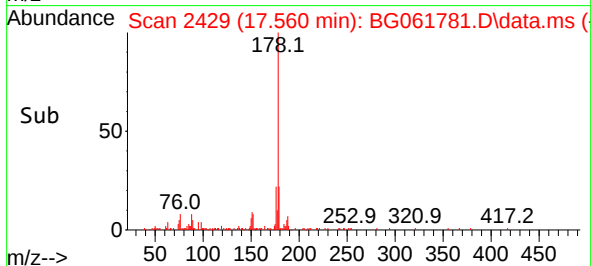
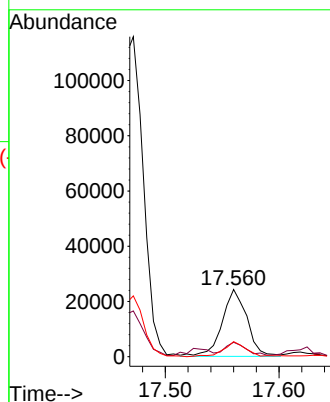
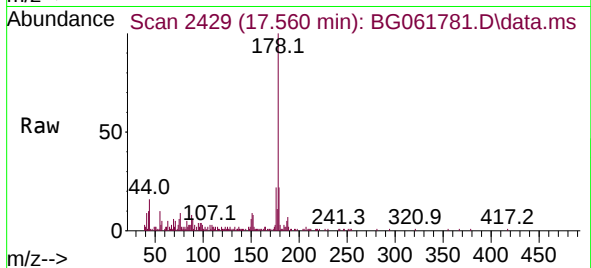
Tgt Ion:178	Resp:	3685
Ion Ratio	Lower	Upper
178	100	
179	21.5	11.4 17.2
176	22.4	14.7 22.1

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#80

Fluoranthene

Concen: 14.988 ng/ul

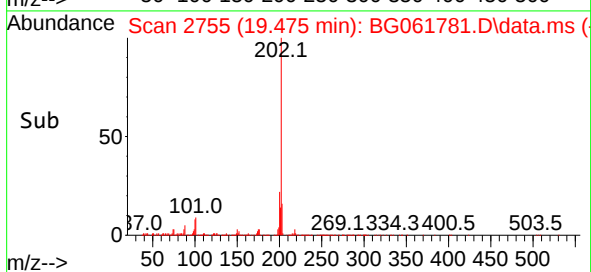
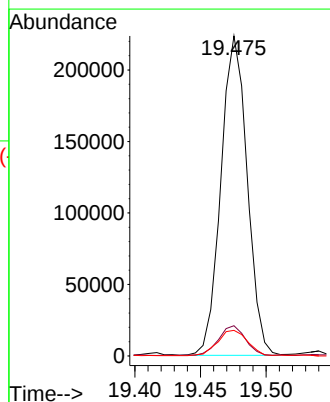
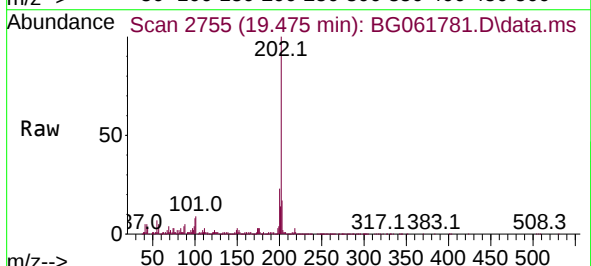
RT: 19.475 min Scan# 2755

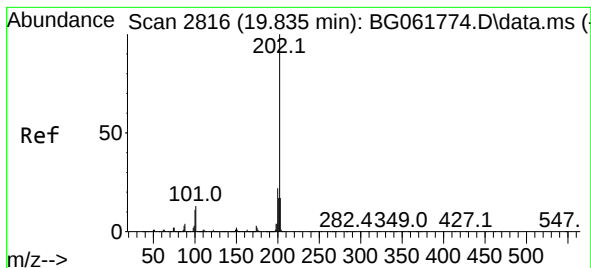
Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Tgt Ion:202	Resp:	311039
Ion Ratio	Lower	Upper
202	100	
101	9.4	7.8 11.6
100	8.0	7.7 11.5





#82

Pyrene

Concen: 10.275 ng/ul

RT: 19.840 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Instrument :

BNA_G

ClientSampleId :

A4CQ1

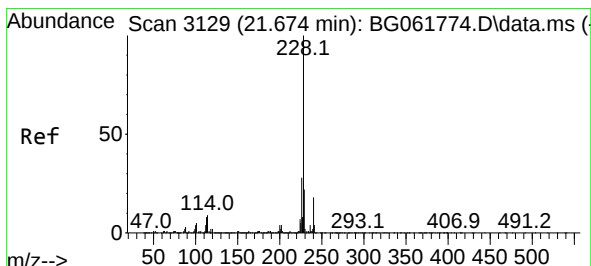
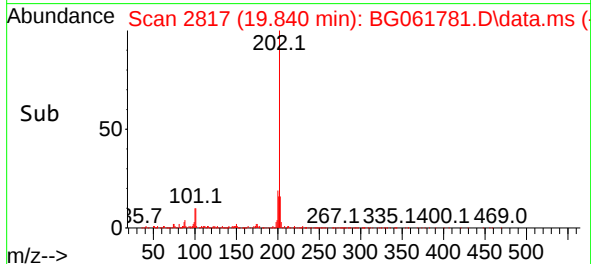
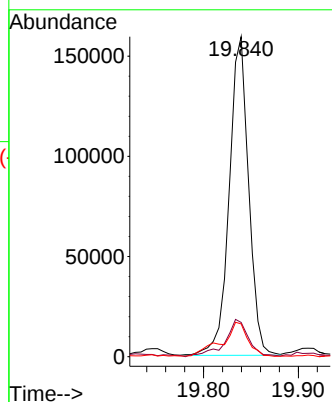
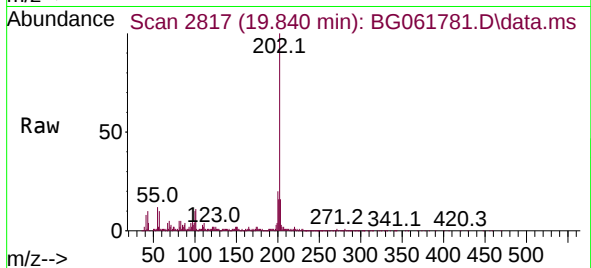
Tgt Ion:202 Resp: 226718
 Ion Ratio Lower Upper
 202 100
 101 10.7 10.1 15.1
 100 10.3 9.9 14.9

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#85

Benzo(a)anthracene

Concen: 7.517 ng/ul m

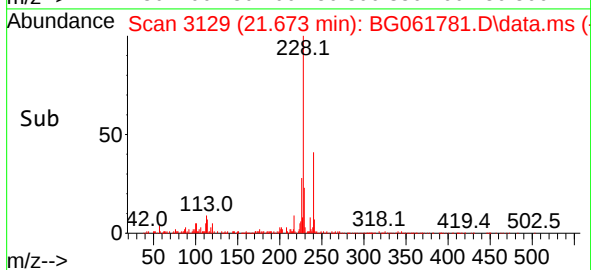
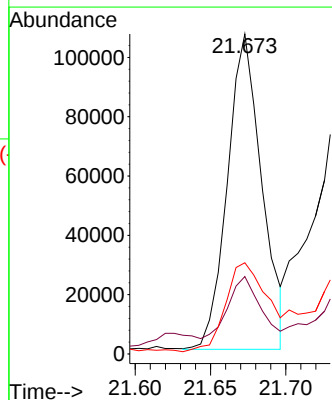
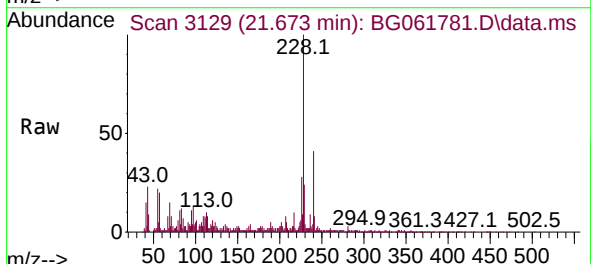
RT: 21.673 min Scan# 3129

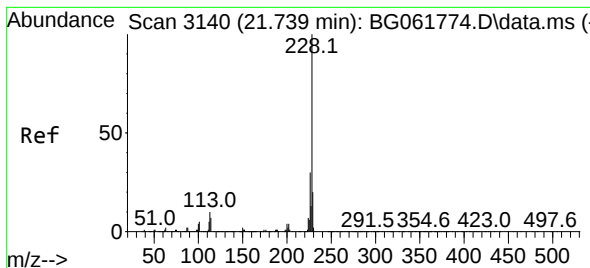
Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Tgt Ion:228 Resp: 168942
 Ion Ratio Lower Upper
 228 100
 229 24.2 15.8 23.8#
 226 28.5 21.4 32.2





#87

Chrysene

Concen: 9.209 ng/u1

RT: 21.737 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Instrument :

BNA_G

ClientSampleId :

A4CQ1

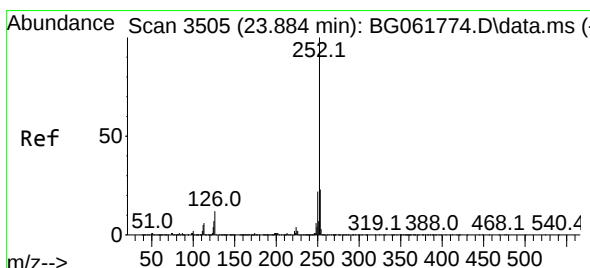
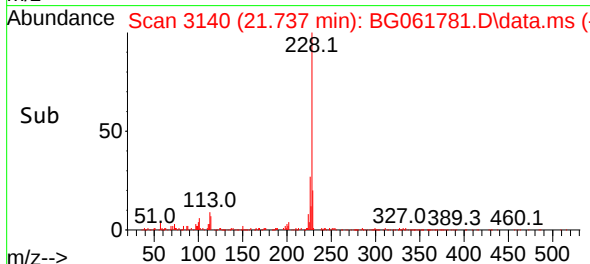
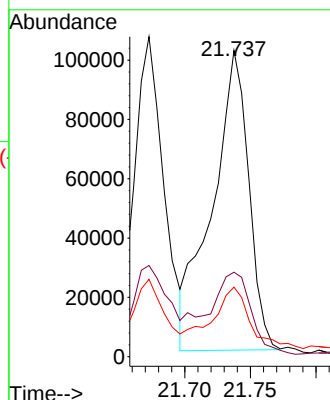
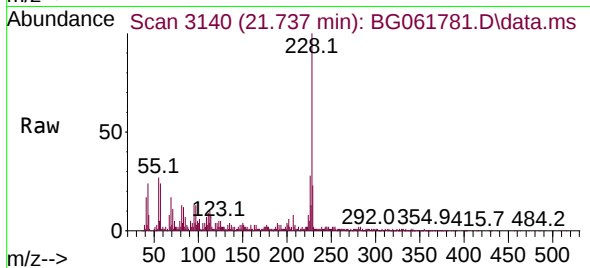
Tgt Ion:	228	Resp:	195854
Ion Ratio	Lower	Upper	
228	100		
226	27.6	24.2	36.2
229	22.7	16.5	24.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 11.516 ng/u1

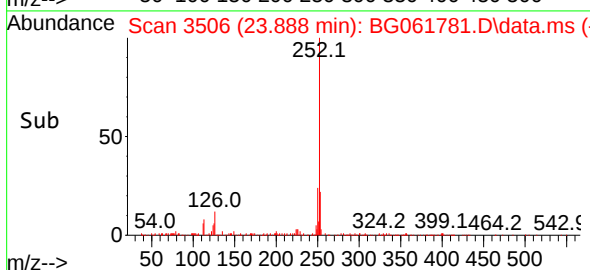
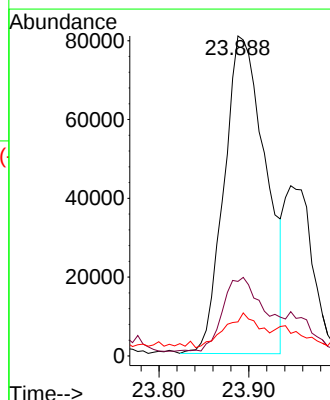
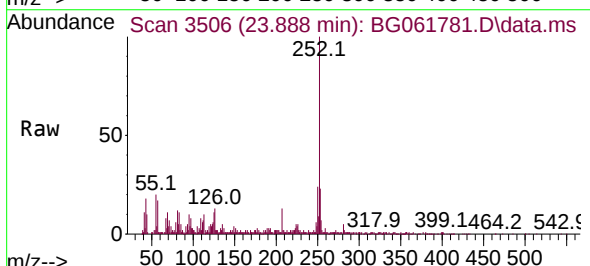
RT: 23.888 min Scan# 3506

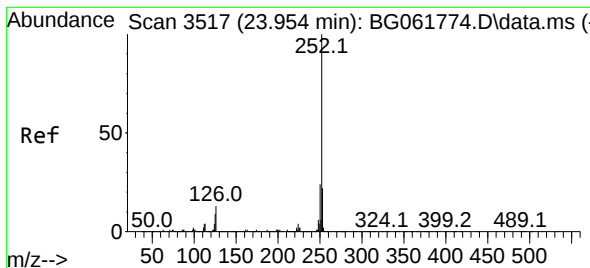
Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Tgt Ion:	252	Resp:	259131
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.6	27.8
125	10.6	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 3.915 ng/uI

RT: 23.947 min Scan# 3517

Delta R.T. -0.012 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Instrument :

BNA_G

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A4CQ1

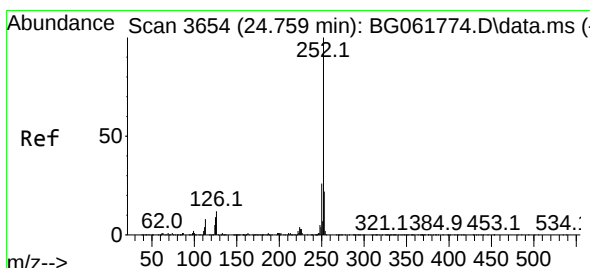
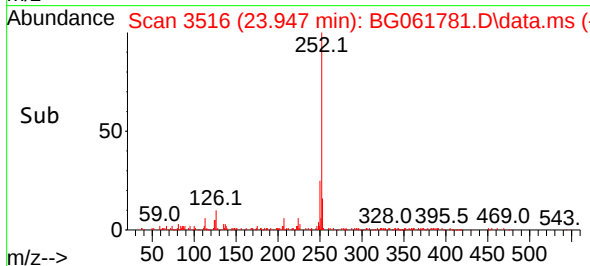
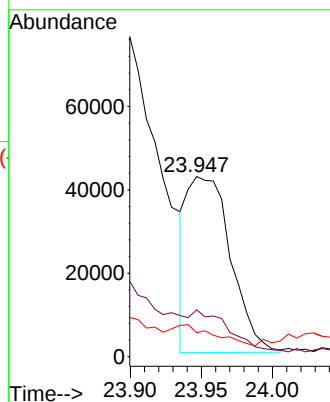
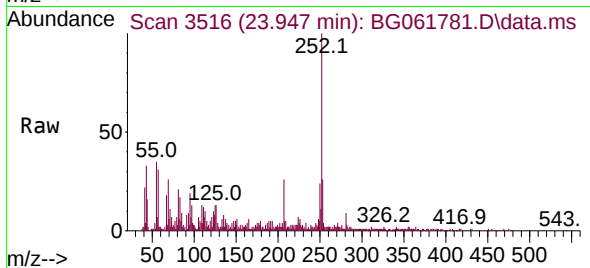
Tgt Ion:252 Resp: 90600
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.6
125 13.3 6.2 9.2

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#93

Benzo(a)pyrene

Concen: 4.340 ng/uI

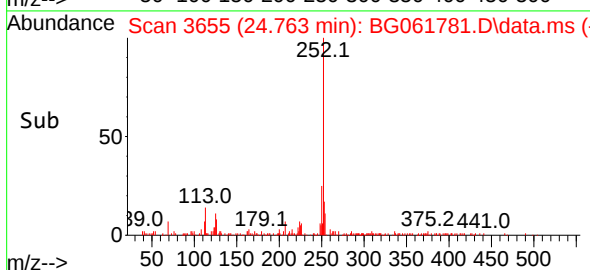
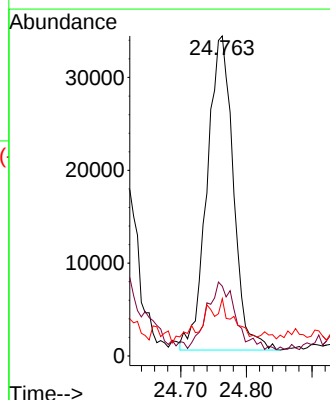
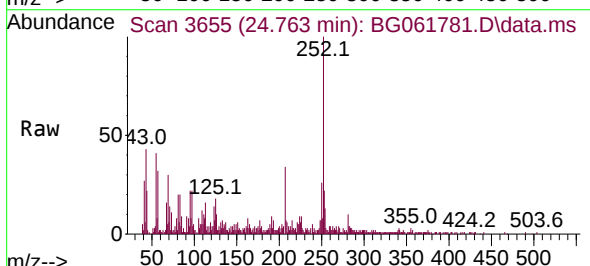
RT: 24.763 min Scan# 3655

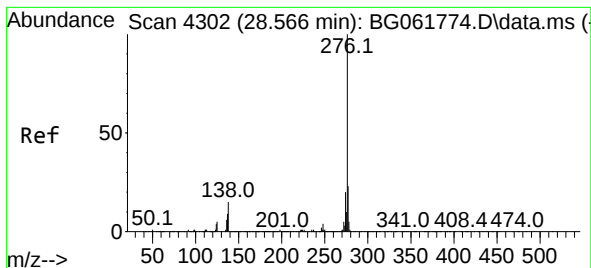
Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Tgt Ion:252 Resp: 94019
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 17.9 6.5 9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.777 ng/ul m

RT: 28.582 min Scan# 4314

Delta R.T. 0.018 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Instrument :

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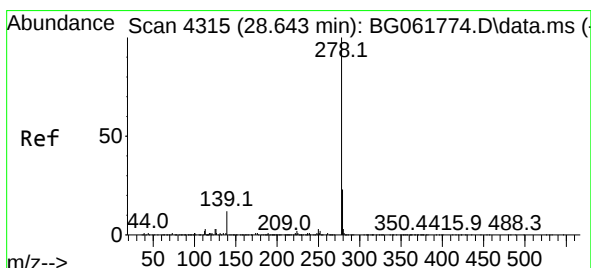
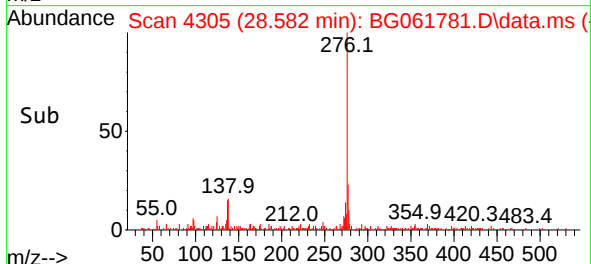
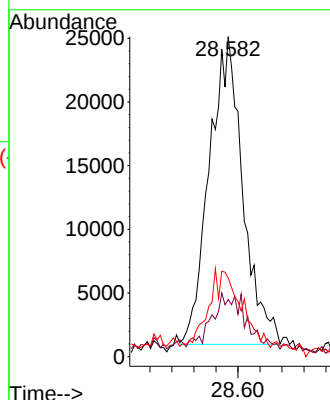
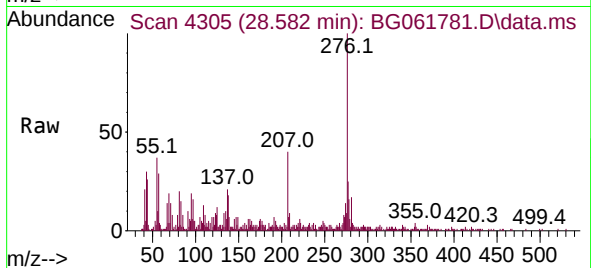
Tgt Ion:	276	Resp:	10194
Ion Ratio	Lower	Upper	
276	100		
138	17.9	12.2	18.4
277	24.6	19.7	29.5

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.778 ng/ul m

RT: 28.635 min Scan# 4314

Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Tgt Ion:	278	Resp:	39922
Ion Ratio	Lower	Upper	
278	100		
139	20.4	9.1	13.7#
279	36.3	18.6	28.0#

