

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061297.D
 Acq On : 28 May 2024 12:31
 Operator : MA/JU
 Sample : P2568-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 13:07:35 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	21821	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	97801	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.516	164	83063	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	195497	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	197123	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	224025	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2577	6.609	ng/uL	0.00
4) Pyridine-d5	3.746	84	42806	30.858	ng/u1	0.00
7) Phenol-d5	7.066	99	59610	33.265	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	37283	33.102	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	48062	36.241	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	52728	34.508	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	25306	33.607	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	30979	35.153	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	60420	35.168	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	76086	33.851	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	229153	35.571	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	251266	37.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	28591	35.897	ng/u1	0.00
60) Fluorene-d10	15.514	176	207418	37.293	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	38603	32.648	ng/u1	0.00
73) Anthracene-d10	17.365	188	333585	38.704	ng/u1	0.00
81) Pyrene-d10	19.657	212	402013	39.719	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	427208	39.666	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.322	202	31450	2.590	ng/u1	99
82) Pyrene	19.686	202	30413	2.413	ng/u1#	94
85) Benzo(a)anthracene	21.502	228	19730m	1.451	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.413	149	11777	1.838	ng/u1#	93
87) Chrysene	21.560	228	18677	1.491	ng/u1	99
90) Benzo(b)fluoranthene	23.623	252	25329	1.899	ng/u1	98
93) Benzo(a)pyrene	24.451	252	19032	1.503	ng/u1	97
96) Benzo(g,h,i)perylene	29.181	276	13220m	1.085	ng/u1	

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

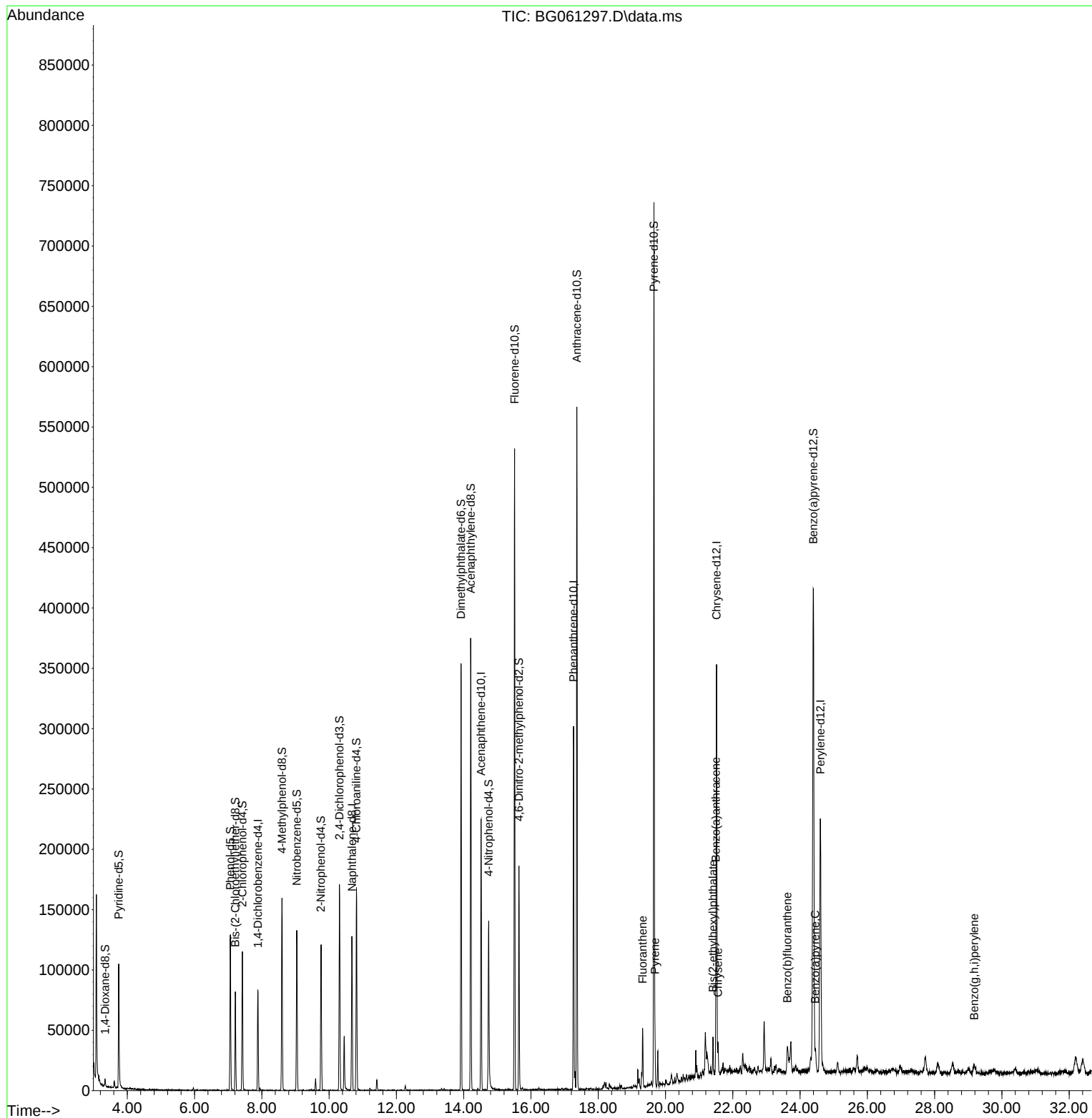
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061297.D
 Acq On : 28 May 2024 12:31
 Operator : MA/JU
 Sample : P2568-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

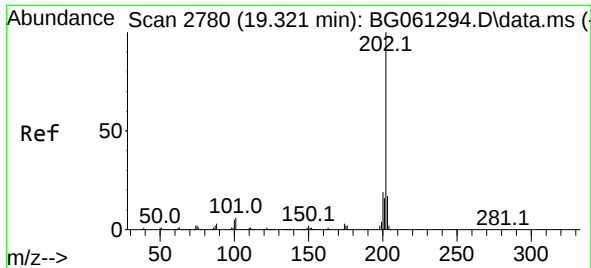
Instrument :
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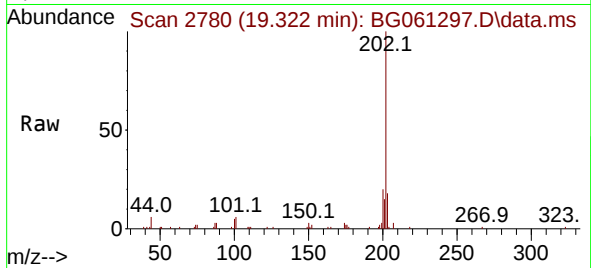
Quant Time: May 28 13:07:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration





#80
Fluoranthene
Concen: 2.590 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061297.D
Acq: 28 May 2024 12:31

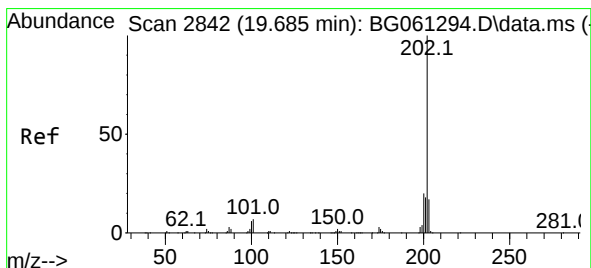
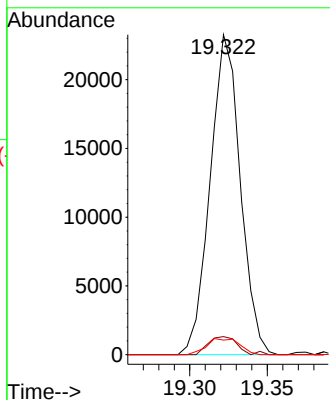
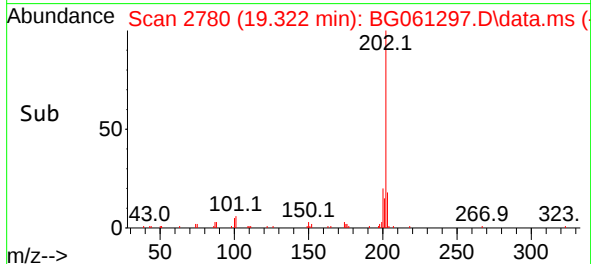
Instrument :
BNA_G
ClientSampleId :
BH5Q7



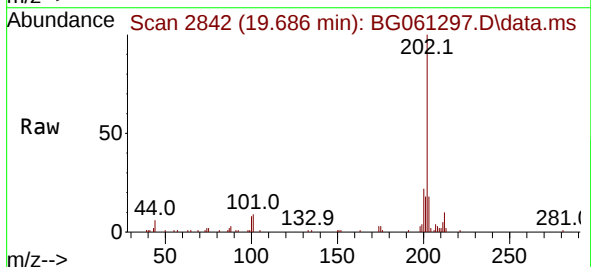
Tgt Ion:202 Resp: 31450
Ion Ratio Lower Upper
202 100
101 5.7 4.8 7.2
100 4.5 4.1 6.1

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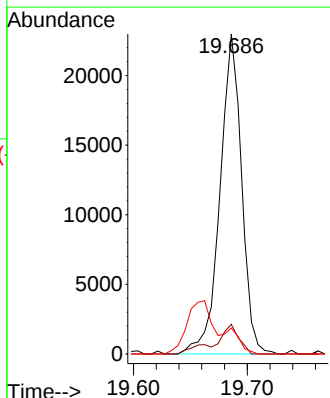
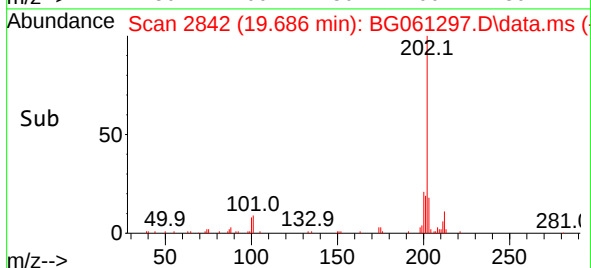
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

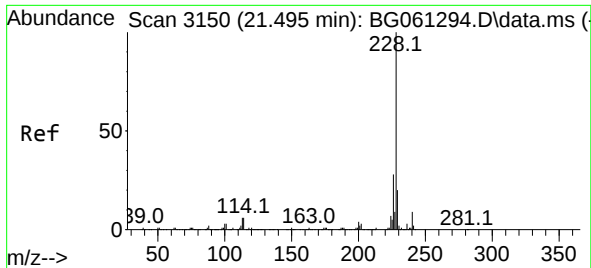


#82
Pyrene
Concen: 2.413 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061297.D
Acq: 28 May 2024 12:31



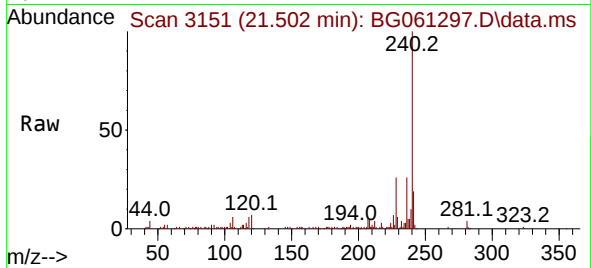
Tgt Ion:202 Resp: 30413
Ion Ratio Lower Upper
202 100
101 9.3 5.7 8.5#
100 8.1 5.1 7.7#





#85
Benzo(a)anthracene
Concen: 1.451 ng/ul m
RT: 21.502 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BG061297.D
Acq: 28 May 2024 12:31

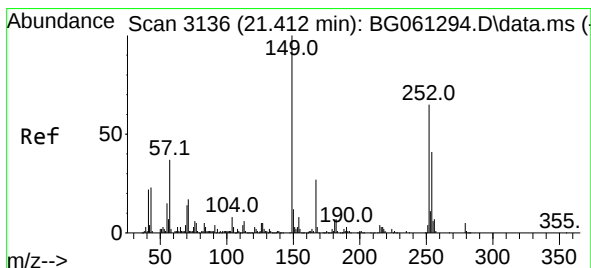
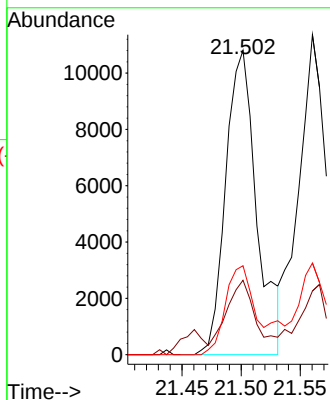
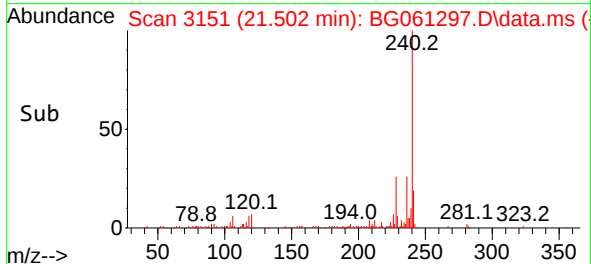
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 19730
Ion Ratio Lower Upper
228 100
229 24.5 15.2 22.8
226 29.2 21.4 32.2

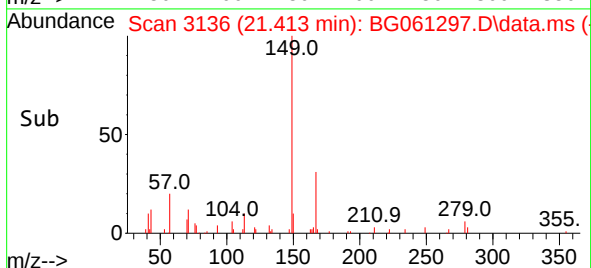
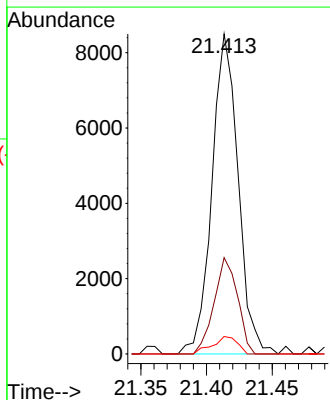
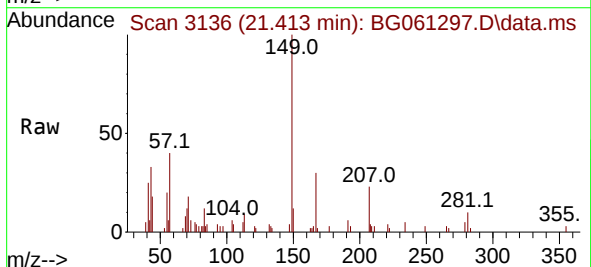
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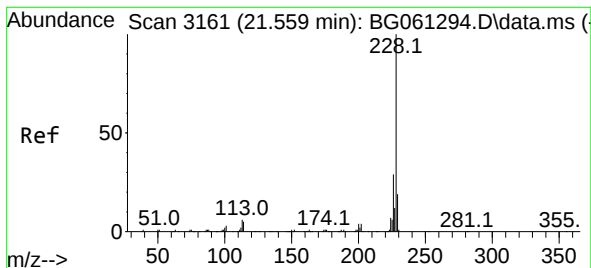
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.838 ng/ul
RT: 21.413 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG061297.D
Acq: 28 May 2024 12:31

Tgt Ion:149 Resp: 11777
Ion Ratio Lower Upper
149 100
167 30.1 21.1 31.7
279 5.4 3.3 4.9





#87

Chrysene

Concen: 1.491 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG061297.D

Acq: 28 May 2024 12:31

Instrument :

BNA_G

ClientSampleId :

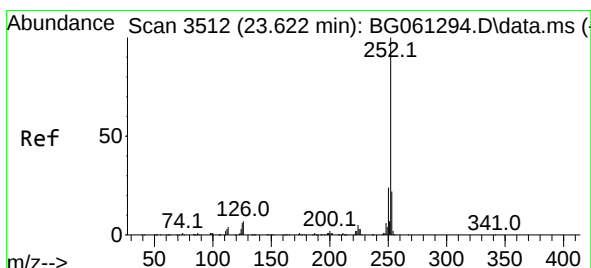
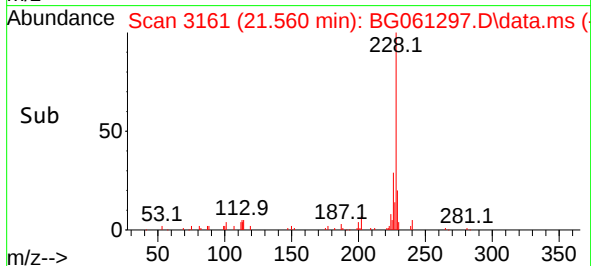
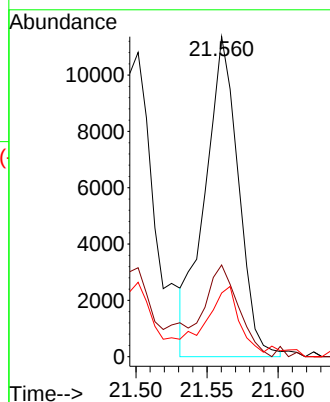
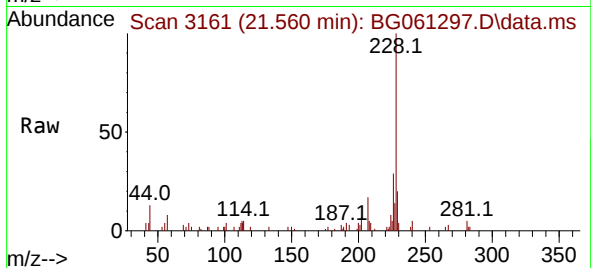
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Tgt Ion:	228	Resp:	1867
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.0
229	19.9	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 1.899 ng/ul

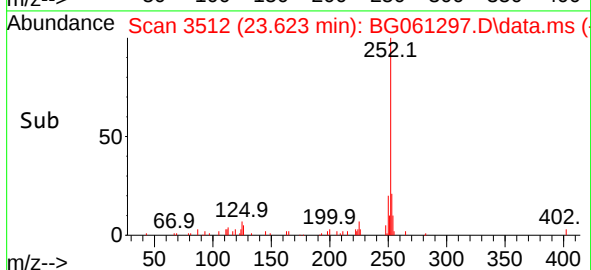
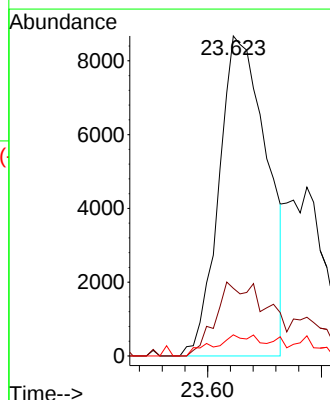
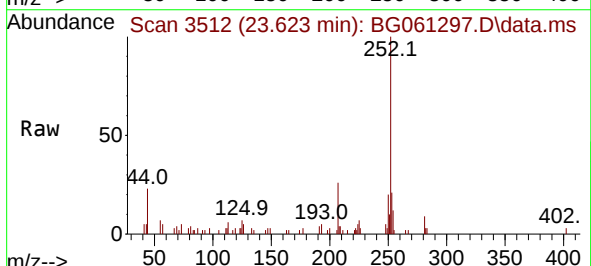
RT: 23.623 min Scan# 3512

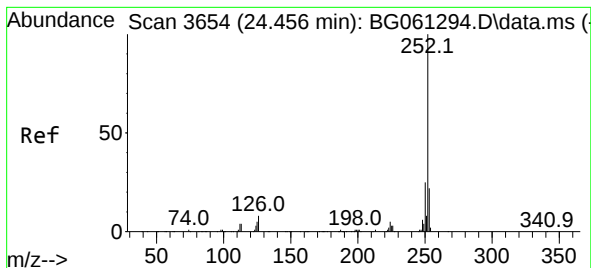
Delta R.T. -0.006 min

Lab File: BG061297.D

Acq: 28 May 2024 12:31

Tgt Ion:	252	Resp:	25329
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.8
125	6.6	4.6	6.8





#93

Benzo(a)pyrene

Concen: 1.503 ng/ul

RT: 24.451 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG061297.D

Acq: 28 May 2024 12:31

Instrument :

BNA_G

ClientSampleId :

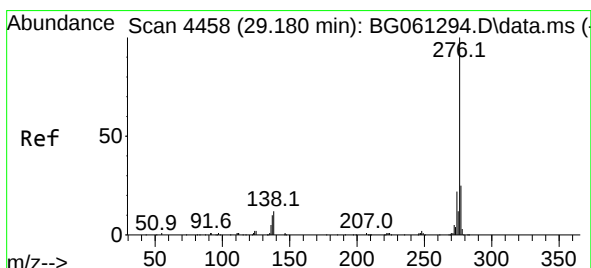
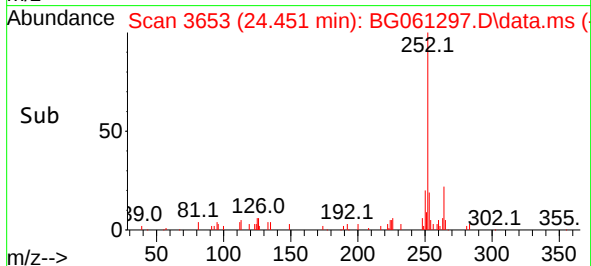
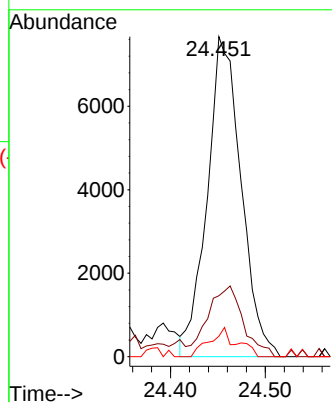
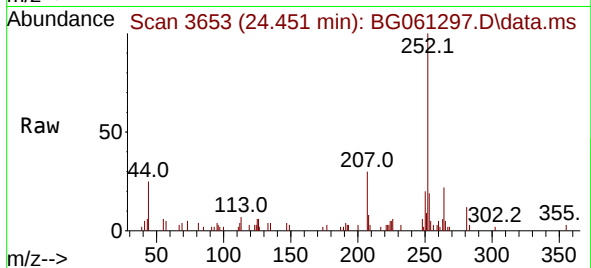
BH5Q7

Tgt Ion:	252	Resp:	1903
Ion Ratio	Lower	Upper	
252	100		
253	19.0	16.4	24.6
125	6.4	4.3	6.5

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#96

Benzo(g,h,i)perylene

Concen: 1.085 ng/ul m

RT: 29.181 min Scan# 4458

Delta R.T. -0.012 min

Lab File: BG061297.D

Acq: 28 May 2024 12:31

Tgt Ion:	276	Resp:	13220
Ion Ratio	Lower	Upper	
276	100		
138	15.6	8.7	13.1#
277	23.8	18.2	27.2

