

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061328.D
 Acq On : 29 May 2024 14:34
 Operator : MA/JU
 Sample : P2568-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH632

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 15:18:49 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	7.881	152	25175	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	105747	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	83248	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.264	188	187912	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.518	240	191130	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	215741	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1365	3.034	ng/uL	0.00
4) Pyridine-d5	3.751	84	1522	0.951	ng/u1	0.00
7) Phenol-d5	7.065	99	32359	15.652	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	23552	18.125	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	27329	17.862	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	16525	9.374	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	15397	18.911	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.761	143	17641	18.514	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	32322	17.400	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	18662	7.679	ng/u1	0.00
46) Dimethylphthalate-d6	13.921	166	114548	17.741	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	126186	18.799	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	5800m	7.266	ng/u1	0.01
60) Fluorene-d10	15.508	176	103616	18.588	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	10948	9.633	ng/u1	0.00
73) Anthracene-d10	17.364	188	166977	20.155	ng/u1	0.00
81) Pyrene-d10	19.656	212	198631	20.240	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.397	264	206801	19.939	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	91844	10.070	ng/u1	100
74) Anthracene	17.394	178	16025	1.699	ng/u1	98
77) Carbazole	17.670	167	8566	1.117	ng/u1#	93
80) Fluoranthene	19.321	202	247173	20.995	ng/u1	99
82) Pyrene	19.685	202	225164	18.426	ng/u1	99
83) Butylbenzylphthalate	20.578	149	10203	2.430	ng/u1	99
85) Benzo(a)anthracene	21.501	228	136875	10.379	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	106196	17.090	ng/u1	98
87) Chrysene	21.565	228	133906	11.027	ng/u1	99
90) Benzo(b)fluoranthene	23.628	252	183589	14.293	ng/u1	97
91) Benzo(k)fluoranthene	23.686	252	58722m	4.503	ng/u1	
93) Benzo(a)pyrene	24.462	252	120432	9.874	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.111	276	82160	5.570	ng/u1	96
95) Dibenzo(a,h)anthracene	28.140	278	25426m	2.091	ng/u1	
96) Benzo(g,h,i)perylene	29.203	276	76753	6.541	ng/u1	96

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

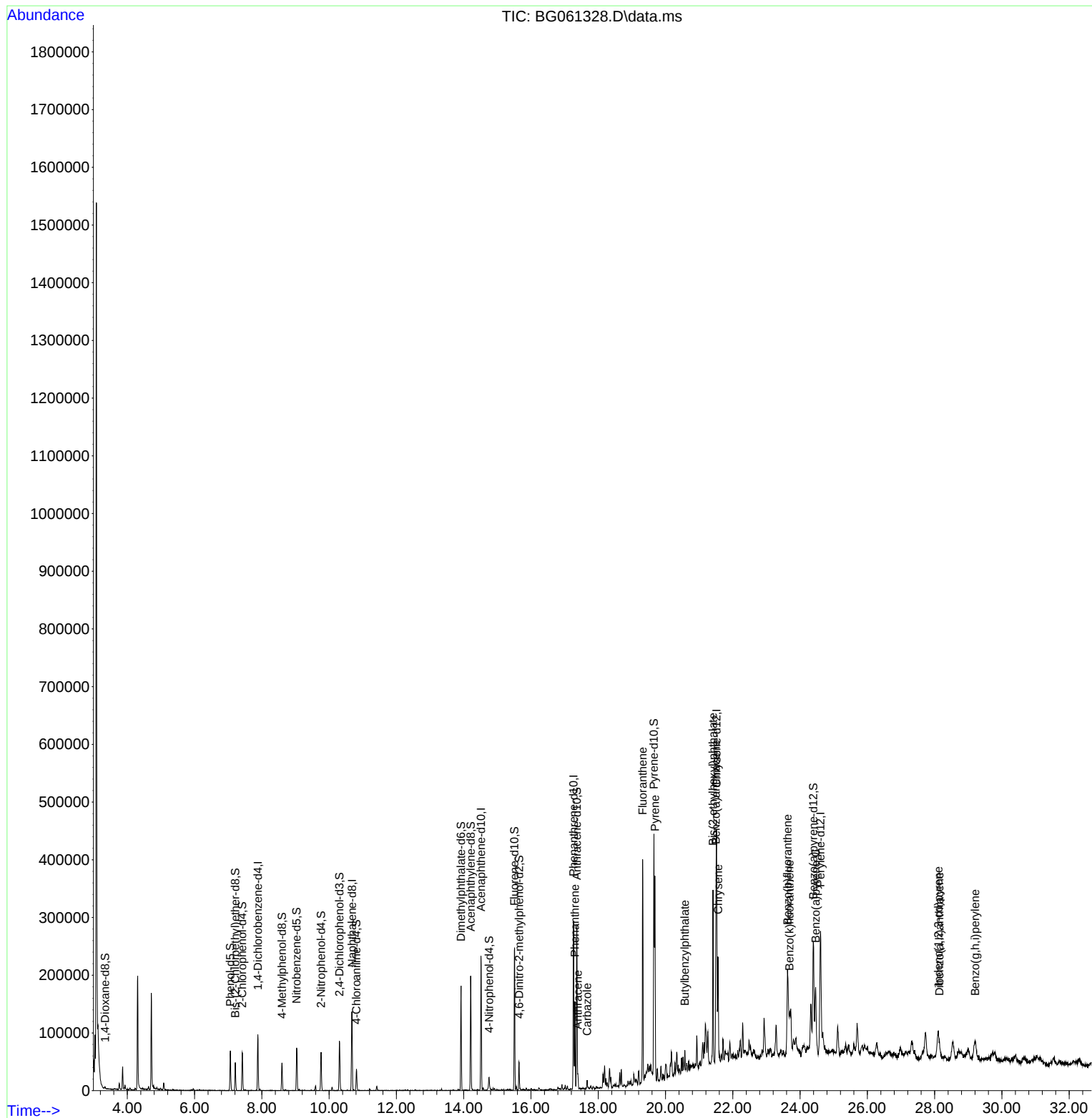
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
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ALS Vial : 10 Sample Multiplier: 1

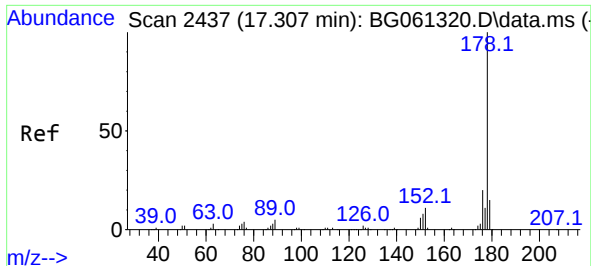
Instrument :
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BH632

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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





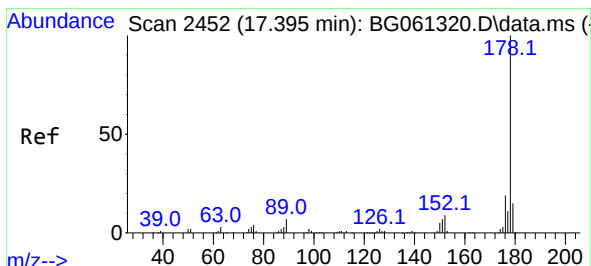
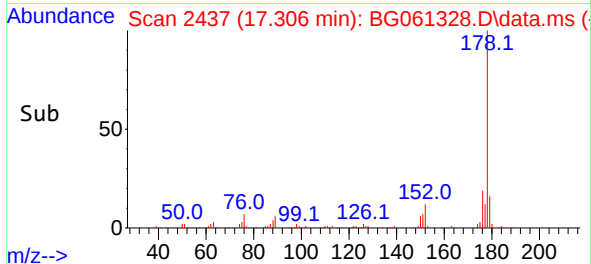
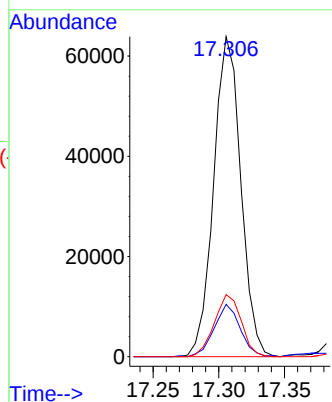
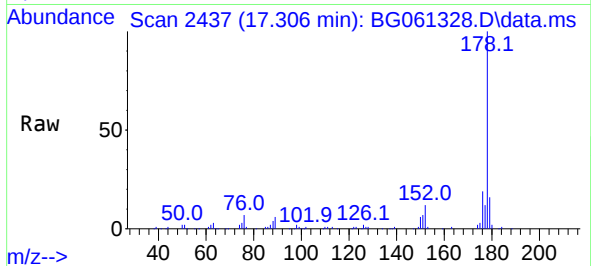
#72
Phenanthrene
Concen: 10.070 ng/u1
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

Instrument :
BNA_G
ClientSampleId :
BH632

Tgt Ion:178 Resp: 91844
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 19.4 15.5 23.3

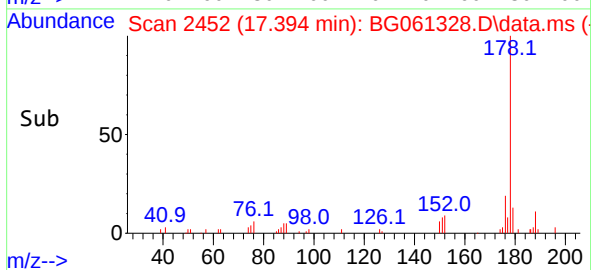
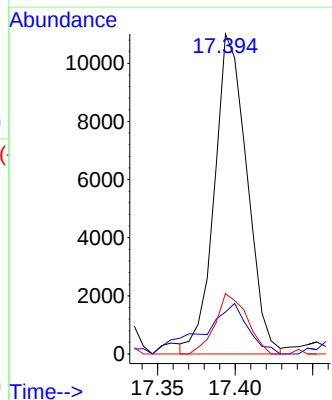
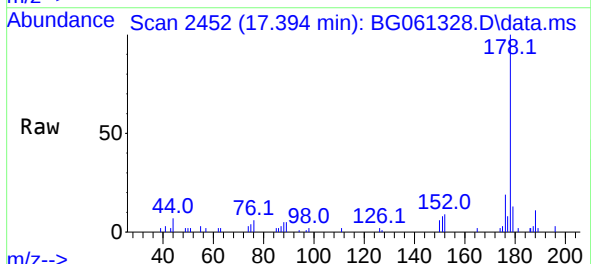
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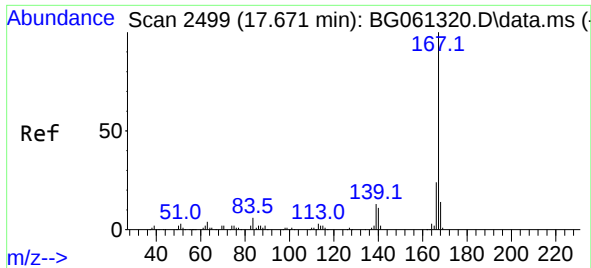
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#74
Anthracene
Concen: 1.699 ng/u1
RT: 17.394 min Scan# 2452
Delta R.T. -0.007 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

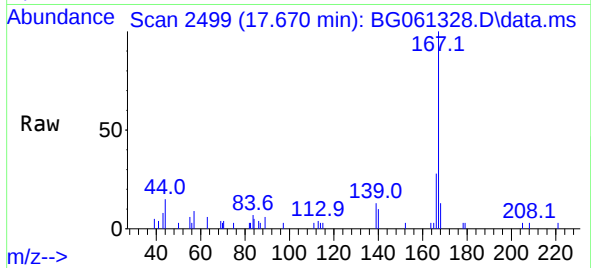
Tgt Ion:178 Resp: 16025
Ion Ratio Lower Upper
178 100
179 13.1 11.8 17.6
176 18.9 14.9 22.3





#77
 Carbazole
 Concen: 1.117 ng/ul
 RT: 17.670 min Scan# 2499
 Delta R.T. -0.007 min
 Lab File: BG061328.D
 Acq: 29 May 2024 14:34

Instrument :
 BNA_G
 ClientSampleId :
 BH632

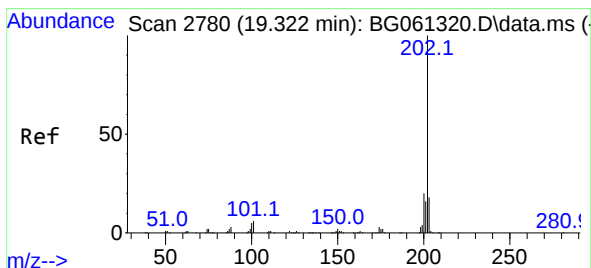
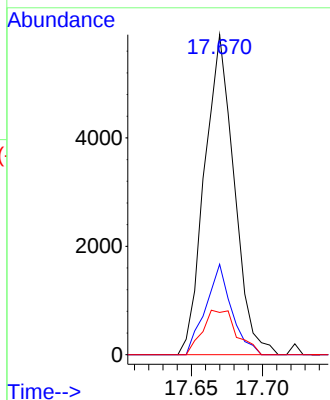
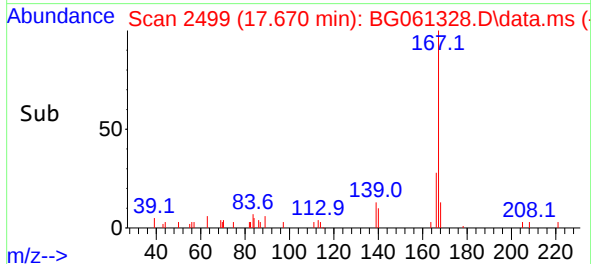


Tgt Ion:167 Resp: 8560

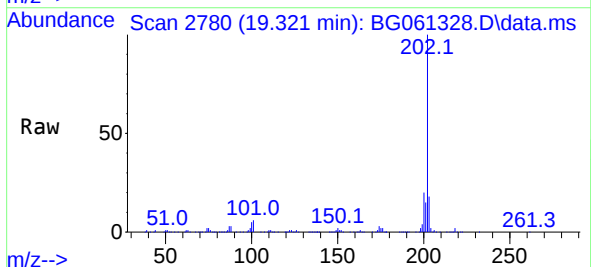
Ion	Ratio	Lower	Upper
167	100		
166	28.3	18.6	28.0
139	13.2	10.6	15.8

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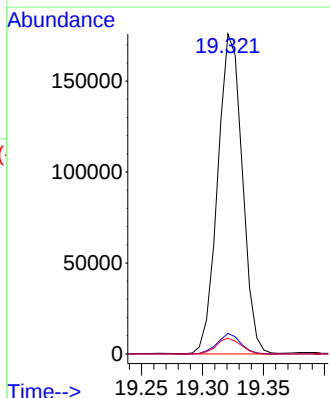
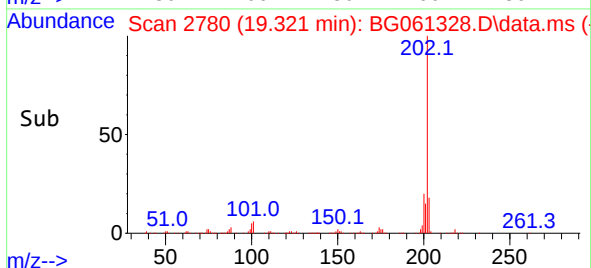


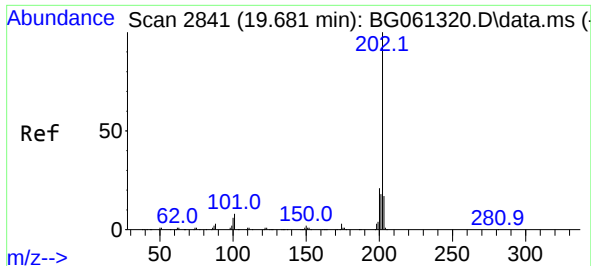
#80
 Fluoranthene
 Concen: 20.995 ng/ul
 RT: 19.321 min Scan# 2780
 Delta R.T. -0.007 min
 Lab File: BG061328.D
 Acq: 29 May 2024 14:34



Tgt Ion:202 Resp: 247173

Ion	Ratio	Lower	Upper
202	100		
101	6.4	4.8	7.2
100	5.0	4.1	6.1





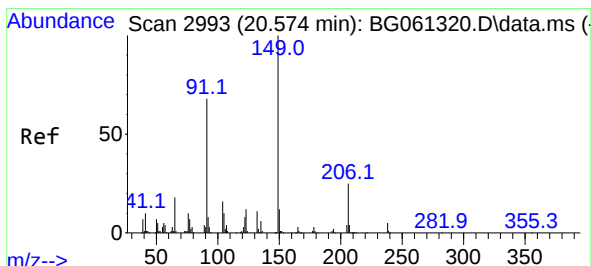
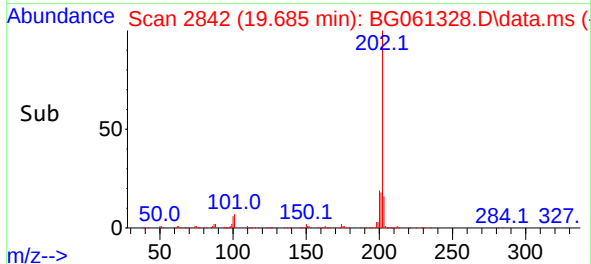
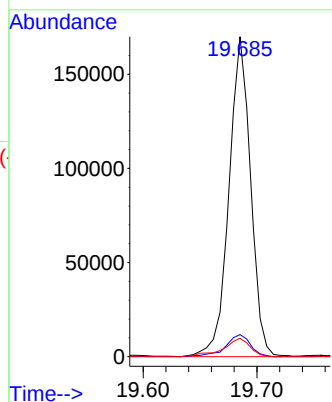
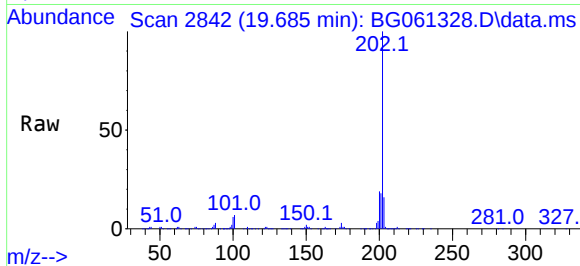
#82
Pyrene
Concen: 18.426 ng/ul
RT: 19.685 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

Instrument :
BNA_G
ClientSampleId :
BH632

Tgt Ion:202 Resp: 225164
Ion Ratio Lower Upper
202 100
101 6.9 5.7 8.5
100 5.7 5.1 7.7

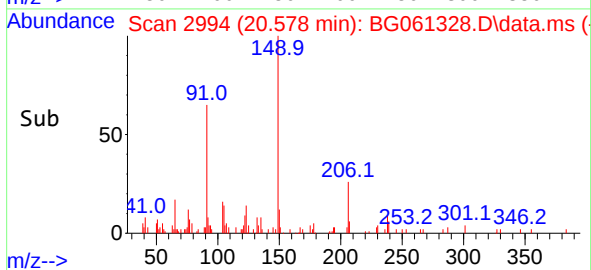
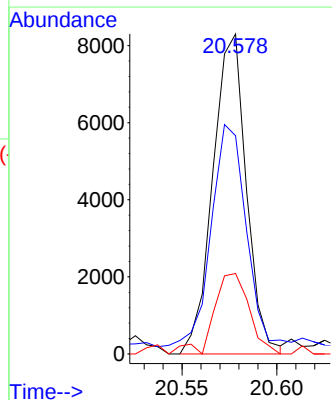
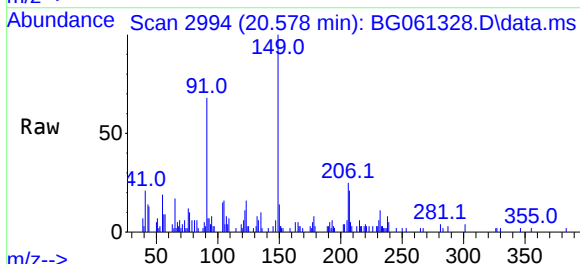
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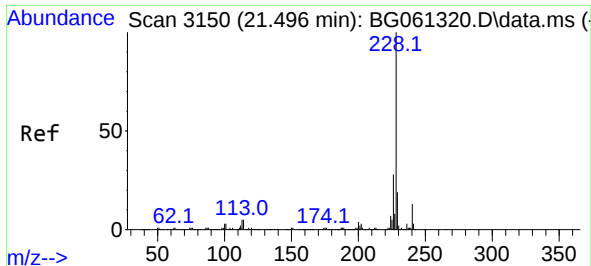
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#83
Butylbenzylphthalate
Concen: 2.430 ng/ul
RT: 20.578 min Scan# 2994
Delta R.T. -0.001 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

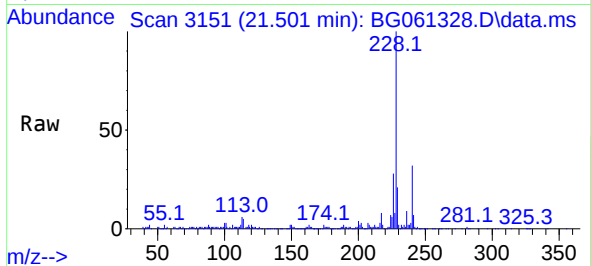
Tgt Ion:149 Resp: 10203
Ion Ratio Lower Upper
149 100
91 68.2 54.8 82.2
206 25.2 19.4 29.0





#85
Benzo(a)anthracene
Concen: 10.379 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. -0.001 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

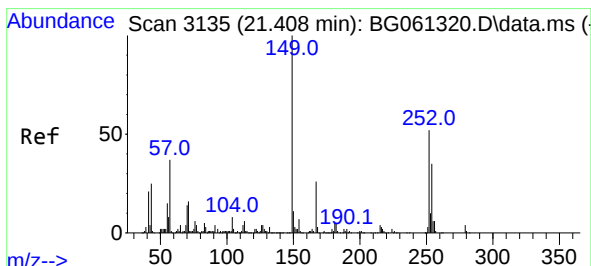
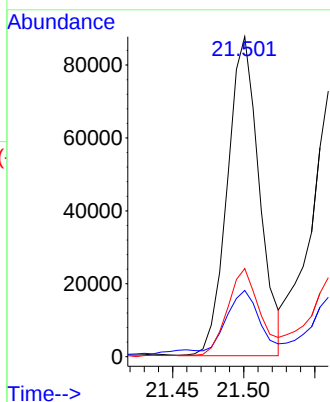
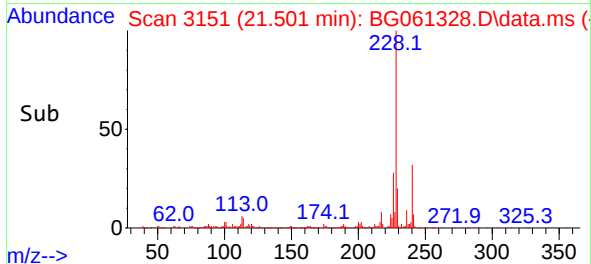
Instrument :
BNA_G
ClientSampleId :
BH632



Tgt Ion:228 Resp: 136879
Ion Ratio Lower Upper
228 100
229 20.7 15.2 22.8
226 27.5 21.4 32.2

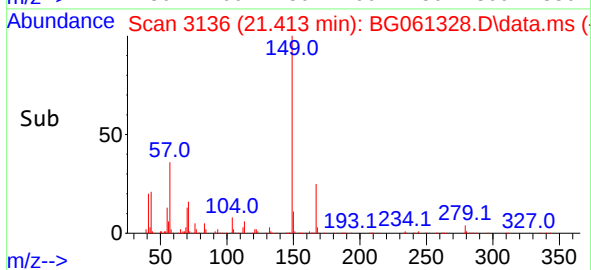
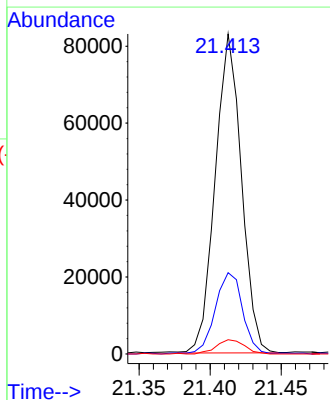
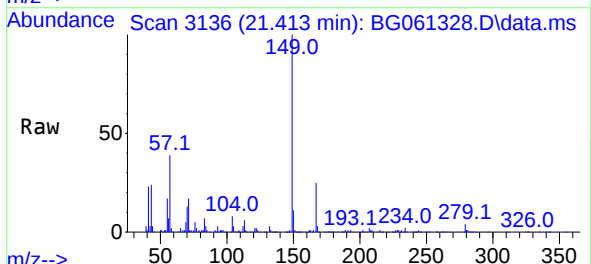
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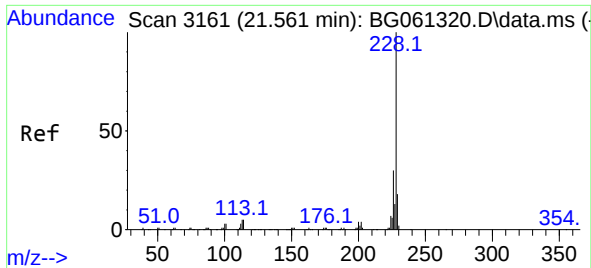
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 17.090 ng/ul
RT: 21.413 min Scan# 3136
Delta R.T. -0.001 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

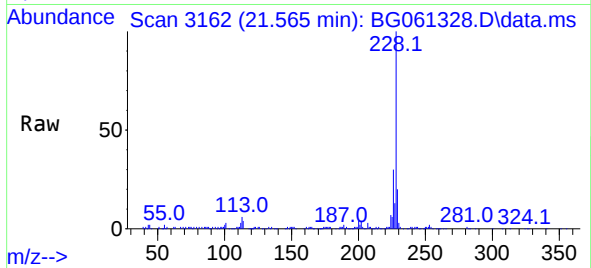
Tgt Ion:149 Resp: 106196
Ion Ratio Lower Upper
149 100
167 25.4 21.1 31.7
279 4.4 3.3 4.9





#87
Chrysene
Concen: 11.027 ng/u1
RT: 21.565 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

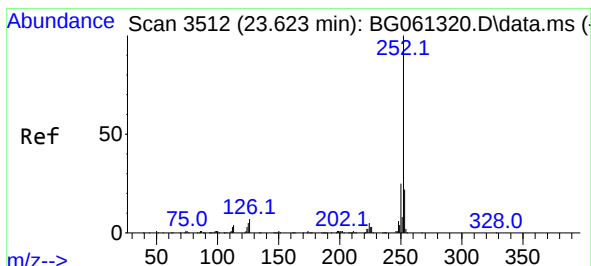
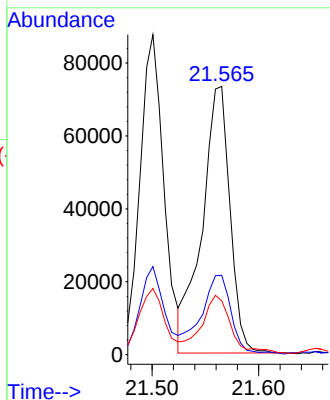
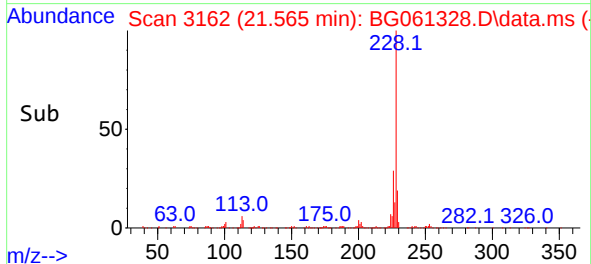
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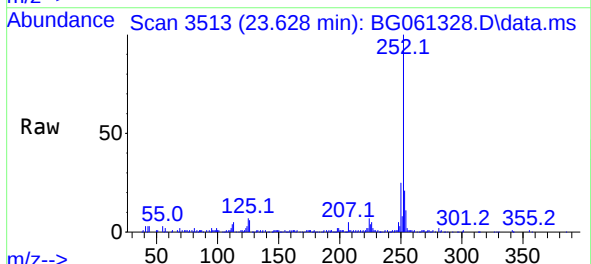
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Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.0
229 20.1 15.4 23.2

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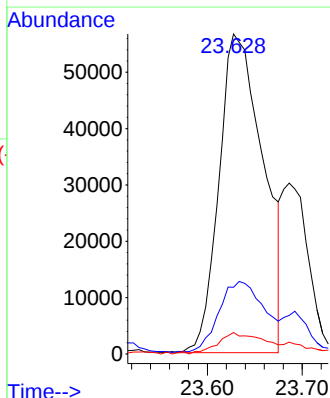
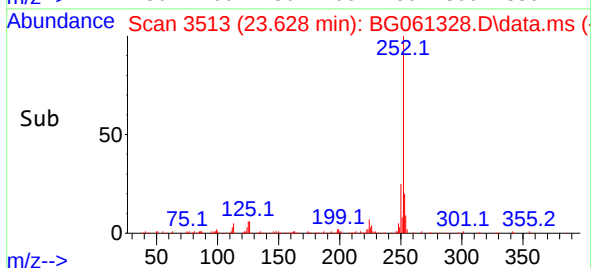
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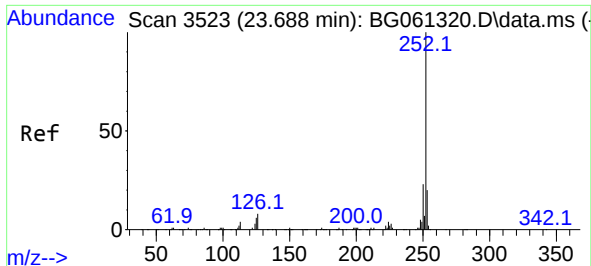


#90
Benzo(b)fluoranthene
Concen: 14.293 ng/u1
RT: 23.628 min Scan# 3513
Delta R.T. -0.001 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34



Tgt Ion:252 Resp: 183589
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 6.7 4.6 6.8





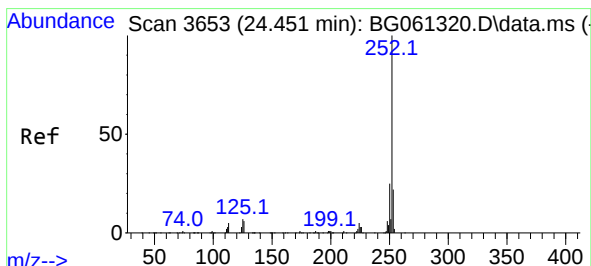
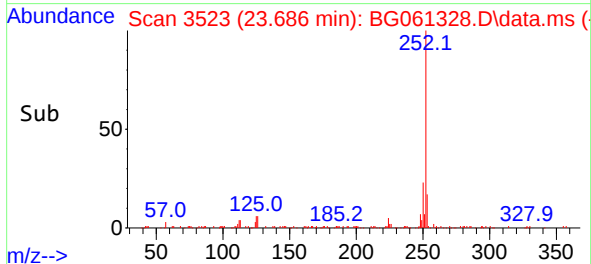
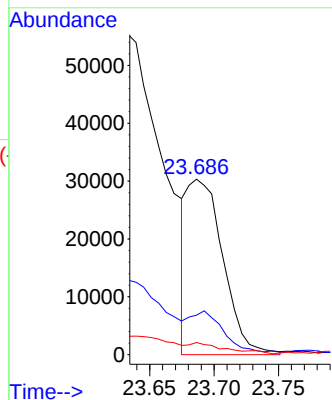
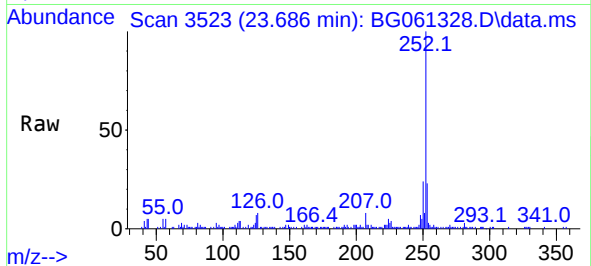
#91
Benzo(k)fluoranthene
Concen: 4.503 ng/ul m
RT: 23.686 min Scan# 3523
Delta R.T. -0.007 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

Instrument :
BNA_G
ClientSampleId :
BH632

Tgt Ion:252 Resp: 5872
Ion Ratio Lower Upper
252 100
253 22.6 16.0 24.0
125 7.0 4.3 6.5

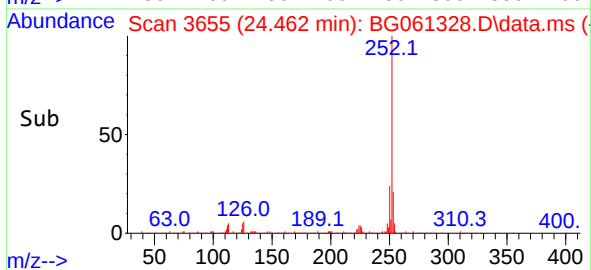
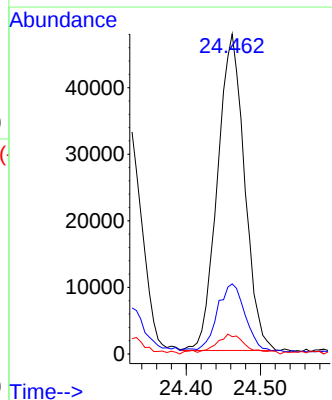
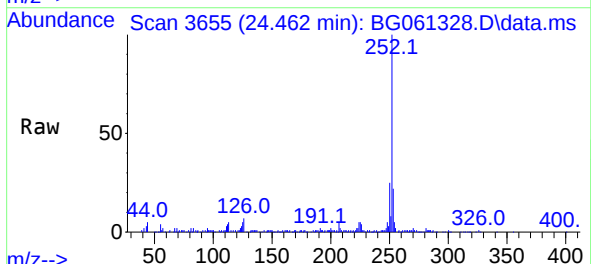
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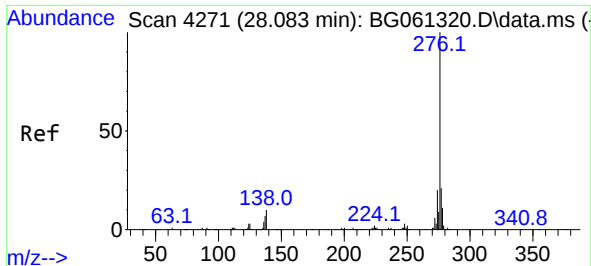
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#93
Benzo(a)pyrene
Concen: 9.874 ng/ul
RT: 24.462 min Scan# 3655
Delta R.T. -0.001 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

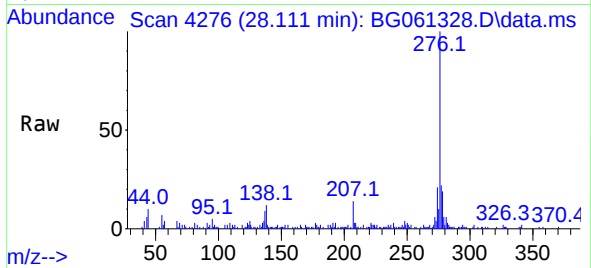
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Ion Ratio Lower Upper
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253 21.9 16.4 24.6
125 5.4 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.570 ng/ul
RT: 28.111 min Scan# 4276
Delta R.T. 0.005 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34

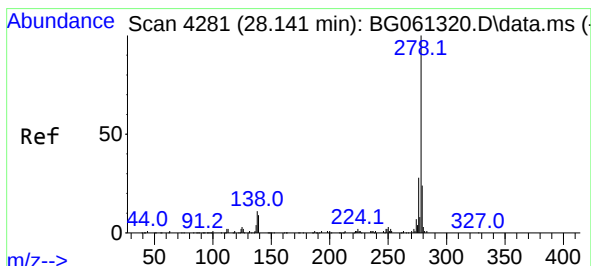
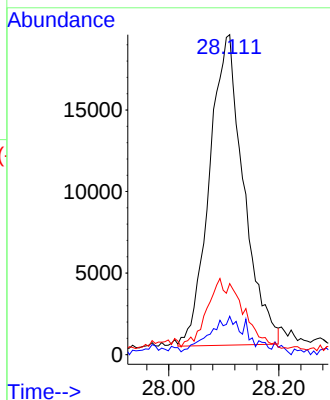
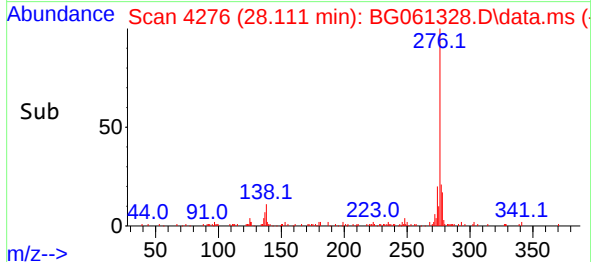
Instrument :
BNA_G
ClientSampleId :
BH632



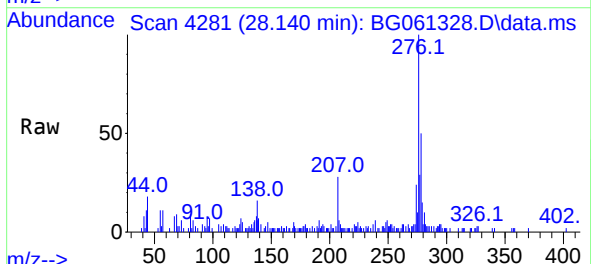
Tgt Ion: 276 Resp: 82160
Ion Ratio Lower Upper
276 100
138 12.0 8.6 13.0
277 22.2 19.7 29.5

Manual Integrations
APPROVED

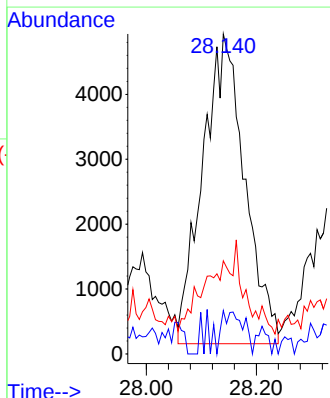
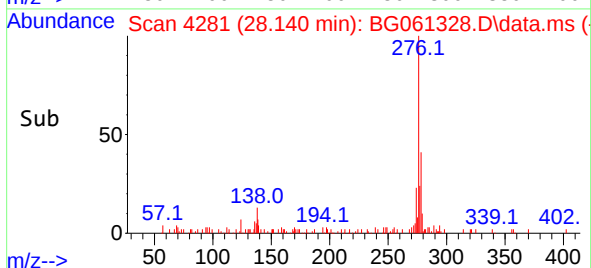
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

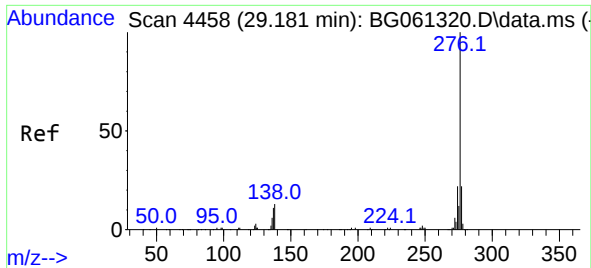


#95
Dibenzo(a,h)anthracene
Concen: 2.091 ng/ul m
RT: 28.140 min Scan# 4281
Delta R.T. -0.019 min
Lab File: BG061328.D
Acq: 29 May 2024 14:34



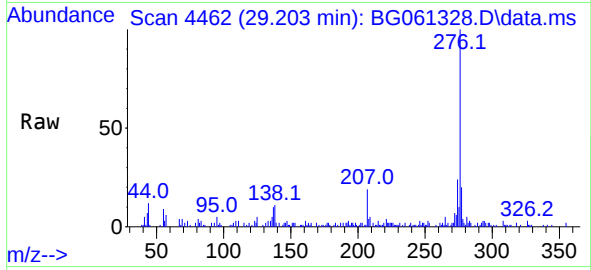
Tgt Ion: 278 Resp: 25426
Ion Ratio Lower Upper
278 100
139 13.5 6.4 9.6#
279 29.1 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 6.541 ng/ul
 RT: 29.203 min Scan# 44
 Delta R.T. 0.010 min
 Lab File: BG061328.D
 Acq: 29 May 2024 14:34

Instrument :
 BNA_G
 ClientSampleId :
 BH632



Tgt Ion: 276 Resp: 7675
 Ion Ratio Lower Upper
 276 100
 138 10.8 8.7 13.1
 277 20.1 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

