

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050370.D
 Acq On : 2 Oct 2021 00:35
 Operator : CG/JU
 Sample : M3874-13
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7T7

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:34 AM

Quant Time: Oct 02 01:30:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	46345	20.00	ng/ul	0.00
20) Naphthalene-d8	11.091	136	187741	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.887	164	123932	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	262999	20.00	ng/ul	0.00
79) Chrysene-d12	21.932	240	247771	20.00	ng/ul	-0.02
88) Perylene-d12	25.357	264	252153	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	3349	2.65	ng/uL	0.00
4) Pyridine-d5	4.070	84	18186	4.84	ng/ul	0.00
7) Phenol-d5	7.402	99	62712	15.49	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.584	67	45196	17.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	46397	16.35	ng/ul	0.00
15) 4-Methylphenol-d8	8.959	113	37896	12.36	ng/ul	0.00
21) Nitrobenzene-d5	9.435	128	24657	18.77	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	26022	18.46	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.698	165	44387	15.95	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	48053	12.08	ng/ul	0.00
46) Dimethylphthalate-d6	14.282	166	156255	18.42	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	185812	17.44	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.046	143	24018	14.70	ng/ul	-0.01
60) Fluorene-d10	15.874	176	140630	18.40	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.974	200	22287	16.99	ng/ul	-0.01
73) Anthracene-d10	17.725	188	200980	18.09	ng/ul	-0.01
81) Pyrene-d10	19.999	212	261210	19.83	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.116	264	241241	19.03	ng/ul	-0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.952	153	18138	2.54	ng/ul	92
61) Fluorene	15.927	166	18101	2.19	ng/ul	99
72) Phenanthrene	17.672	178	337949	25.74	ng/ul	99
74) Anthracene	17.760	178	82399	6.34	ng/ul	99
77) Carbazole	18.025	167	15004	1.29	ng/ul#	95
80) Fluoranthene	19.670	202	569646	34.43	ng/ul	99
82) Pyrene	20.034	202	552383	33.86	ng/ul	98
85) Benzo(a)anthracene	21.908	228	285060	19.08	ng/ul	99
87) Chrysene	21.979	228	241589	16.88	ng/ul	98
90) Benzo(b)fluoranthene	24.264	252	280694	18.28	ng/ul	98
91) Benzo(k)fluoranthene	24.329	252	91272m	6.39	ng/ul	
93) Benzo(a)pyrene	25.193	252	218894	14.94	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.282	276	119639	7.27	ng/ul	97
95) Dibenzo(a,h)anthracene	29.329	278	35704m	2.55	ng/ul	
96) Benzo(g,h,i)perylene	30.492	276	106132m	7.65	ng/ul	

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

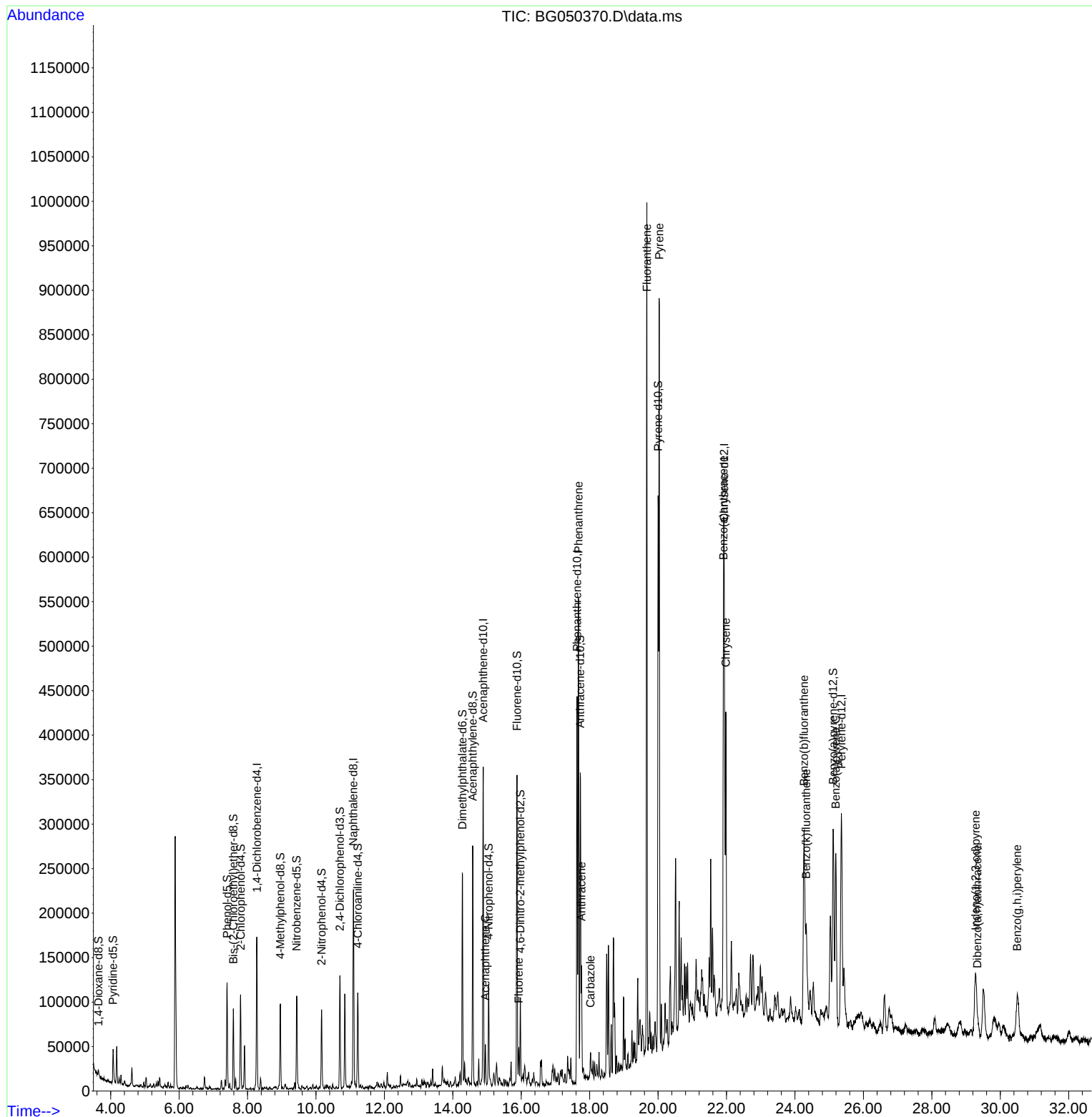
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050370.D
Acq On : 2 Oct 2021 00:35
Operator : CG/JU
Sample : M3874-13
Misc :
ALS Vial : 54 Sample Multiplier: 1

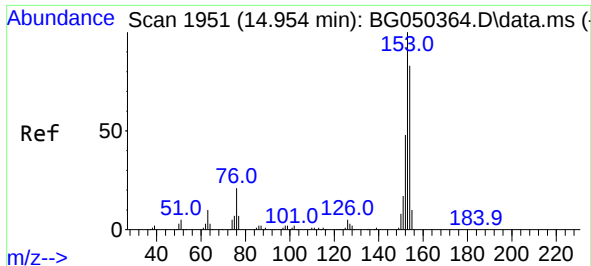
Instrument :
BNA_G
ClientSampleId :
EW7T7

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
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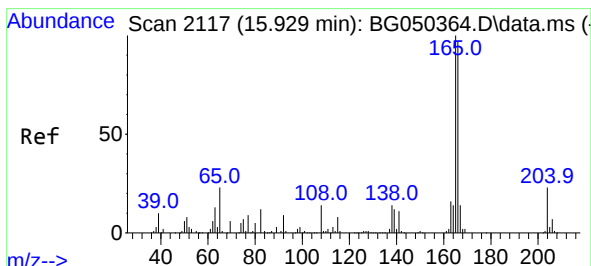
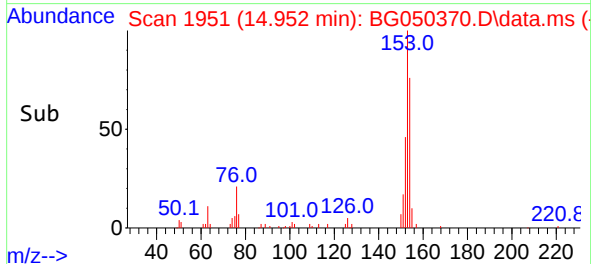
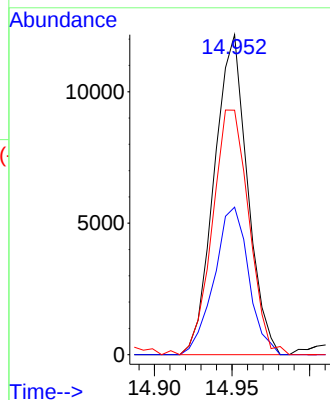
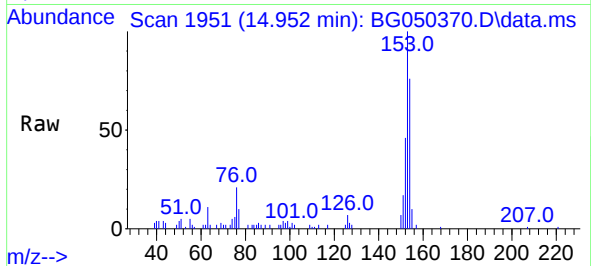
#52
Acenaphthene
Concen: 2.54 ng/ul
RT: 14.952 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

Instrument :
BNA_G
ClientSampleId :
EW7T7

Tgt Ion:153 Resp: 18138
Ion Ratio Lower Upper
153 100
152 46.1 40.2 60.2
154 76.4 68.2 102.2

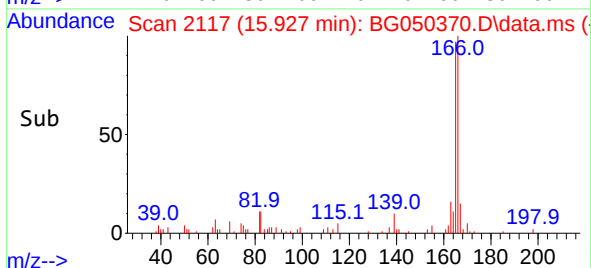
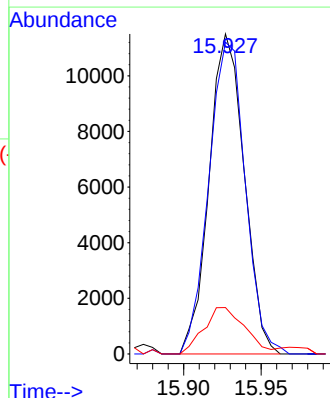
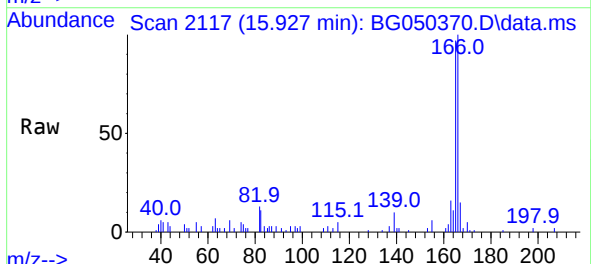
Manual Integrations
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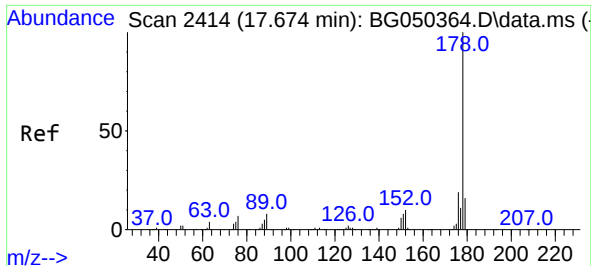
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#61
Fluorene
Concen: 2.19 ng/ul
RT: 15.927 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

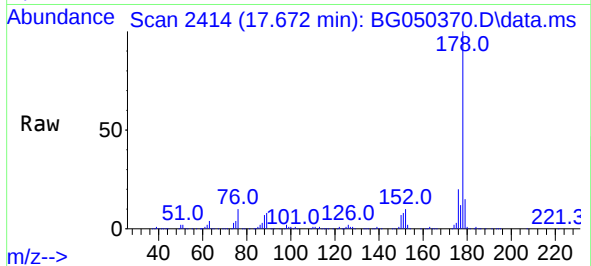
Tgt Ion:166 Resp: 18101
Ion Ratio Lower Upper
166 100
165 97.5 78.6 118.0
167 14.5 10.9 16.3





#72
Phenanthrene
Concen: 25.74 ng/ul
RT: 17.672 min Scan# 2414
Delta R.T. -0.011 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

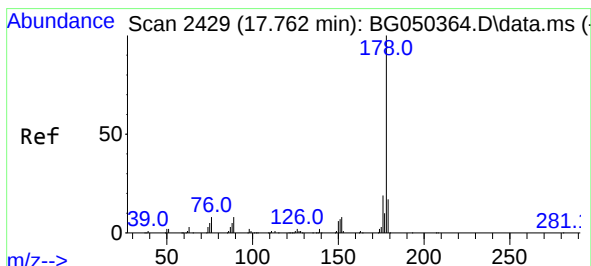
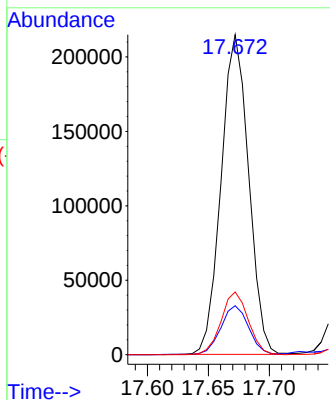
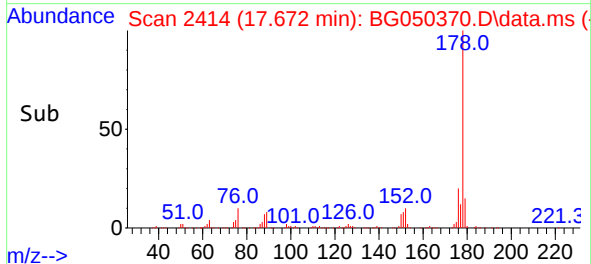
Instrument :
BNA_G
ClientSampled :
EW7T7



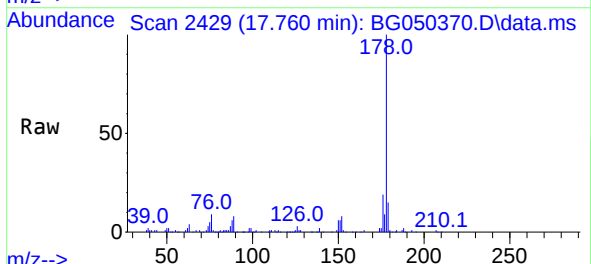
Tgt Ion:178 Resp: 337949
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.6 16.2 24.2

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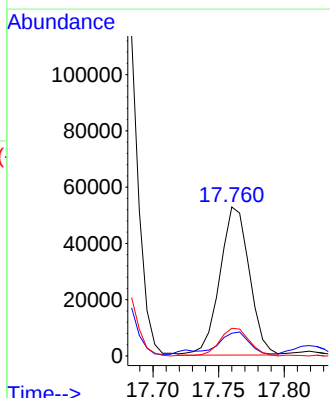
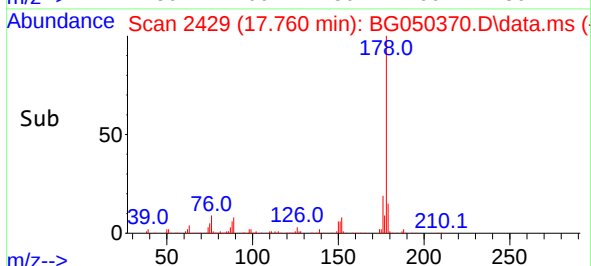
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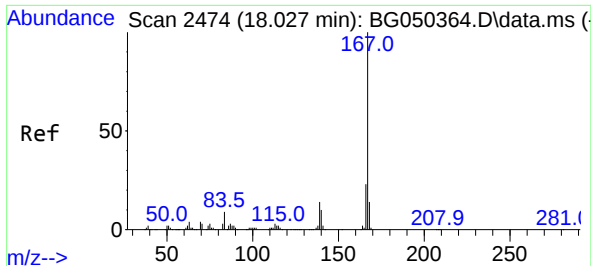


#74
Anthracene
Concen: 6.34 ng/ul
RT: 17.760 min Scan# 2429
Delta R.T. -0.011 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35



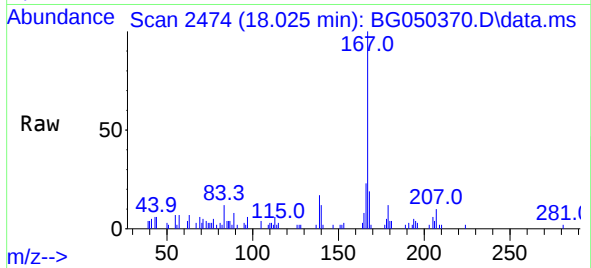
Tgt Ion:178 Resp: 82399
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 18.6 15.0 22.4





#77
 Carbazole
 Concen: 1.29 ng/ul
 RT: 18.025 min Scan# 2474
 Delta R.T. -0.011 min
 Lab File: BG050370.D
 Acq: 2 Oct 2021 00:35

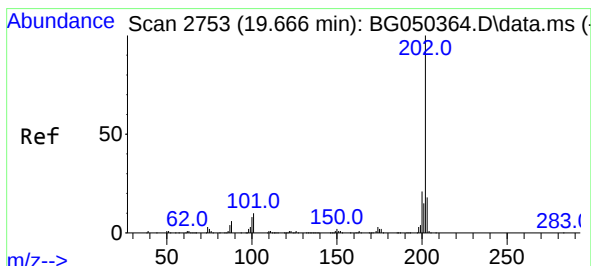
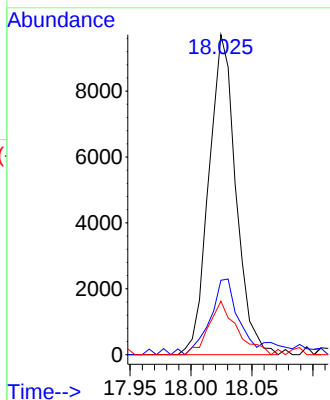
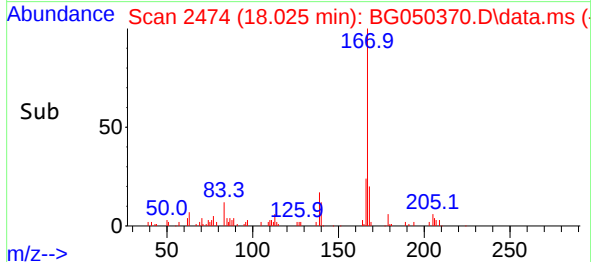
Instrument :
 BNA_G
 ClientSampleId :
 EW7T7



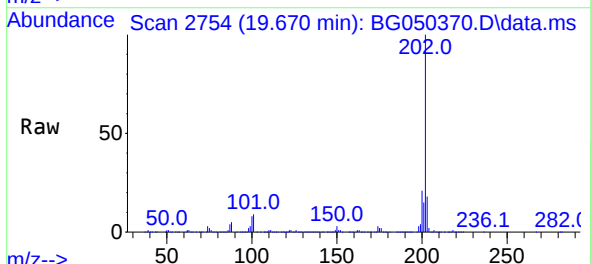
Tgt Ion:	167	Resp:	15004
Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	16.7	10.5	15.7#

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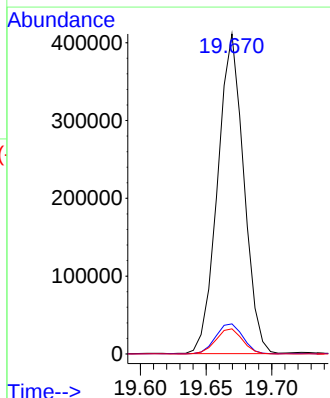
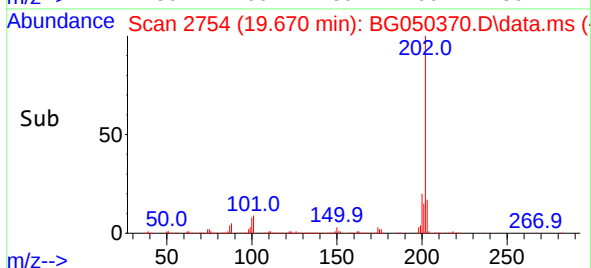
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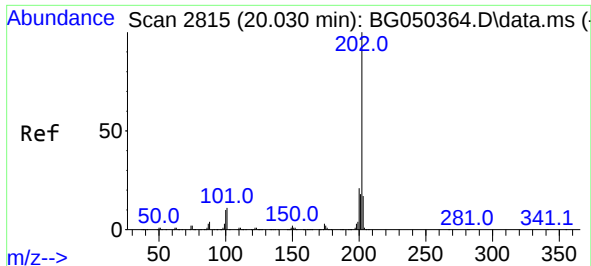


#80
 Fluoranthene
 Concen: 34.43 ng/ul
 RT: 19.670 min Scan# 2754
 Delta R.T. -0.005 min
 Lab File: BG050370.D
 Acq: 2 Oct 2021 00:35



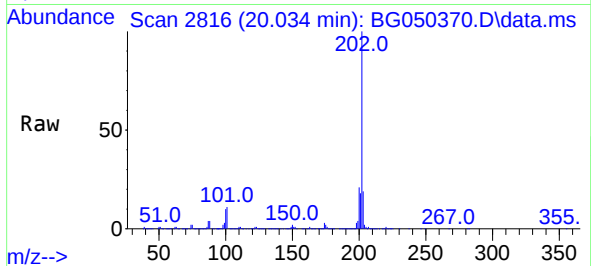
Tgt Ion:	202	Resp:	569646
Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.7	11.5
100	7.9	6.6	10.0





#82
Pyrene
Concen: 33.86 ng/ul
RT: 20.034 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

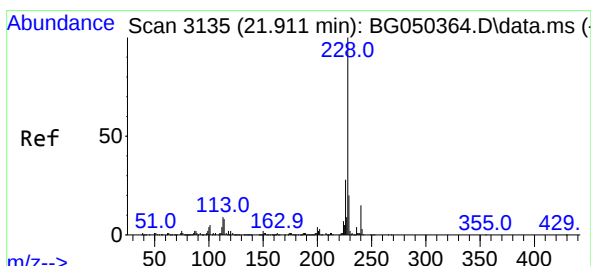
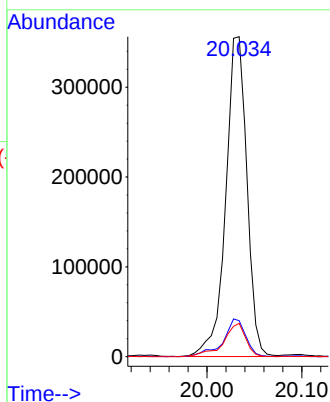
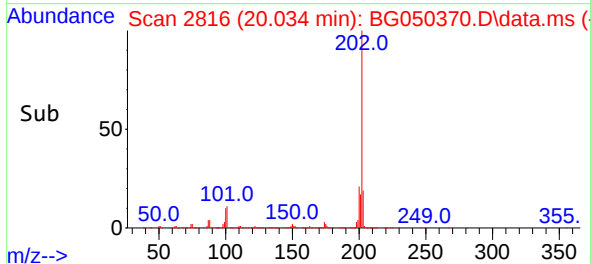
Instrument :
BNA_G
ClientSampled :
EW7T7



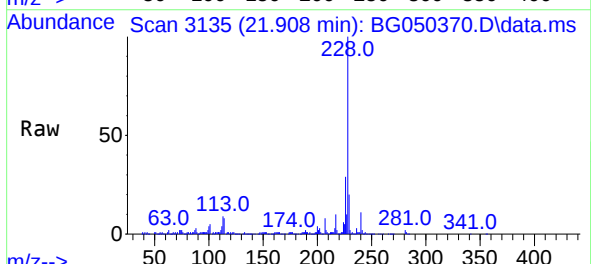
Tgt Ion:202 Resp: 552383
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 10.4 7.6 11.4

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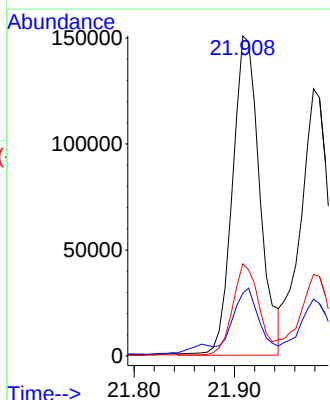
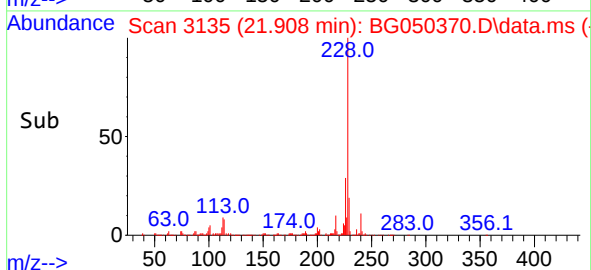
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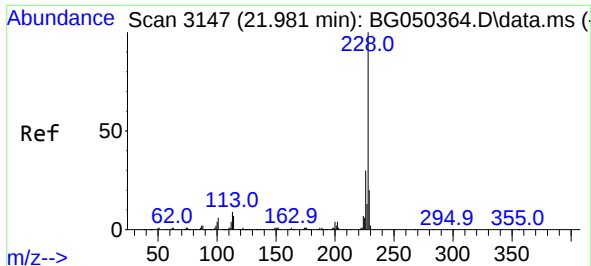


#85
Benzo(a)anthracene
Concen: 19.08 ng/ul
RT: 21.908 min Scan# 3135
Delta R.T. -0.017 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35



Tgt Ion:228 Resp: 285060
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 28.8 22.2 33.2





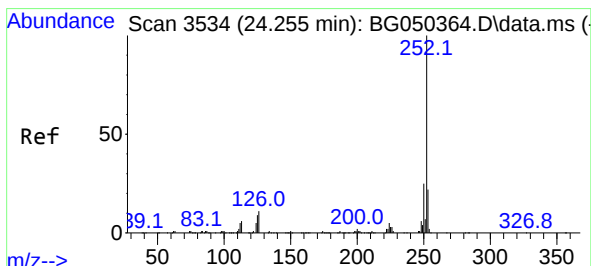
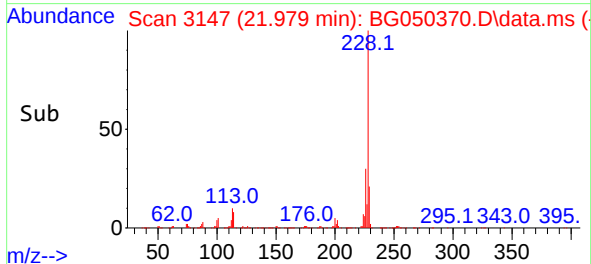
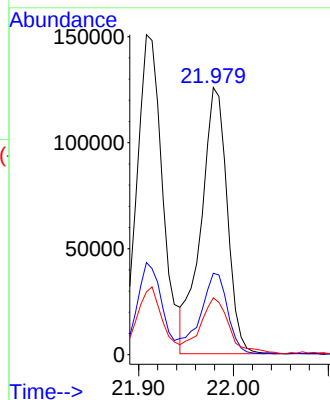
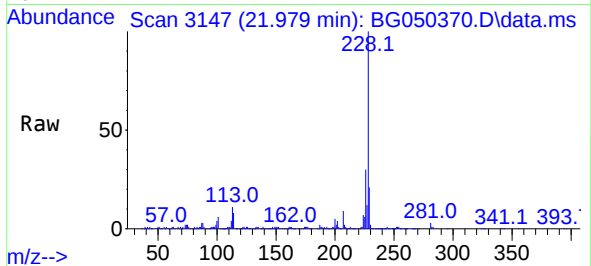
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Chrysene
Concen: 16.88 ng/ul
RT: 21.979 min Scan# 3147
Delta R.T. -0.017 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

Tgt Ion:228 Resp: 241589
Ion Ratio Lower Upper
228 100
226 30.5 25.4 38.0
229 21.2 16.2 24.2

Instrument :
BNA_G
ClientSampled :
EW7T7

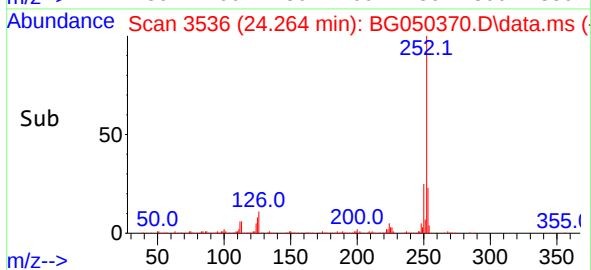
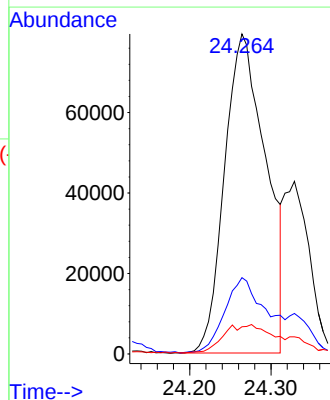
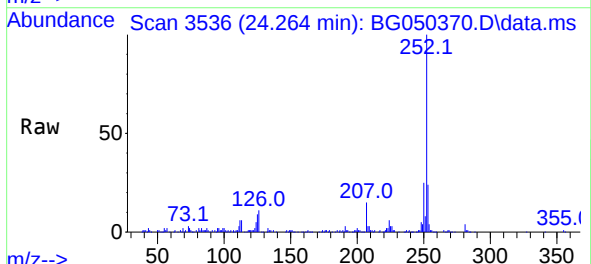
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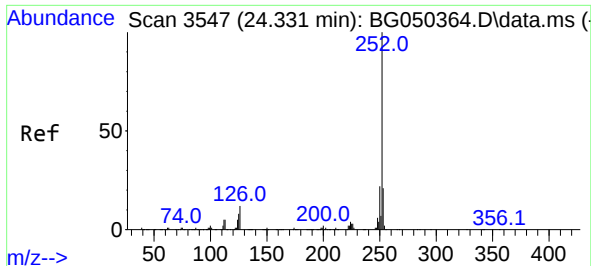
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#90
Benzo(b)fluoranthene
Concen: 18.28 ng/ul
RT: 24.264 min Scan# 3536
Delta R.T. -0.017 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

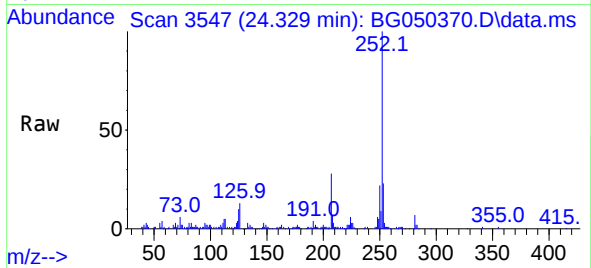
Tgt Ion:252 Resp: 280694
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 8.5 6.7 10.1





#91
Benzo(k)fluoranthene
Concen: 6.39 ng/ul m
RT: 24.329 min Scan# 3547
Delta R.T. -0.023 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

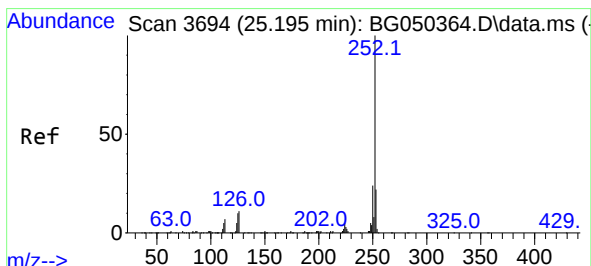
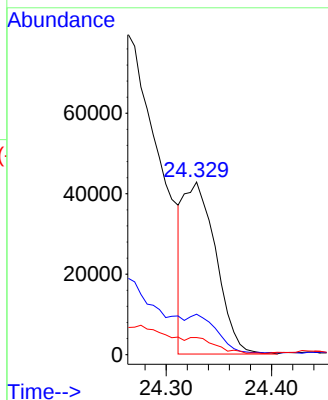
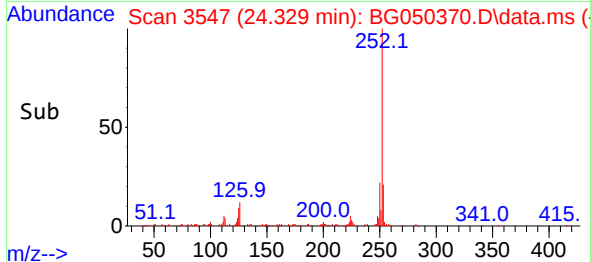
Instrument :
BNA_G
ClientSampleId :
EW7T7



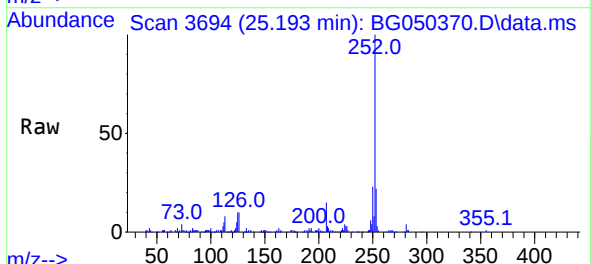
Tgt Ion:252 Resp: 91272
Ion Ratio Lower Upper
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253 23.4 17.1 25.7
125 9.9 7.4 11.0

Manual Integrations
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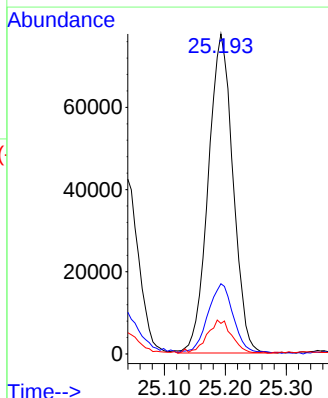
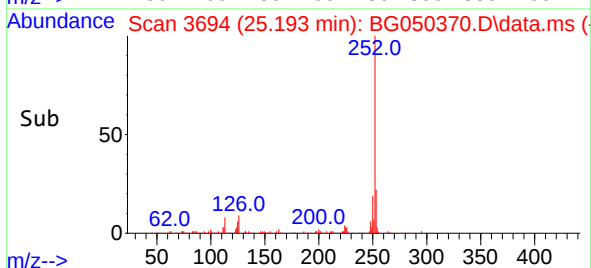
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10/4/2021 11:50:34 AM

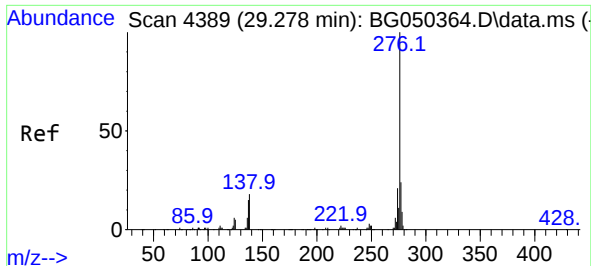


#93
Benzo(a)pyrene
Concen: 14.94 ng/ul
RT: 25.193 min Scan# 3694
Delta R.T. -0.023 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35



Tgt Ion:252 Resp: 218894
Ion Ratio Lower Upper
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253 22.0 17.8 26.6
125 9.5 8.3 12.5





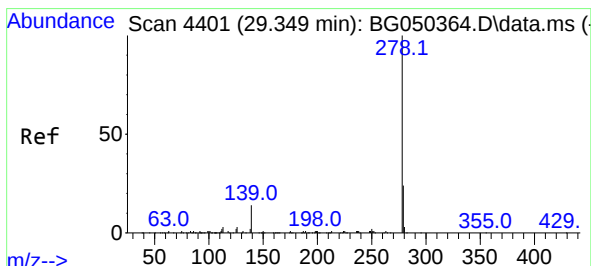
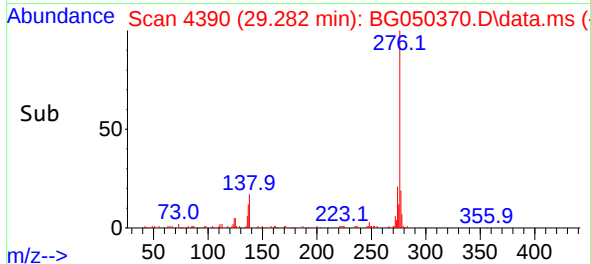
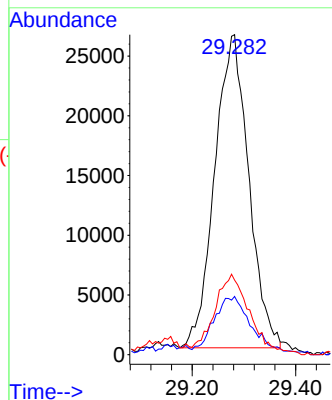
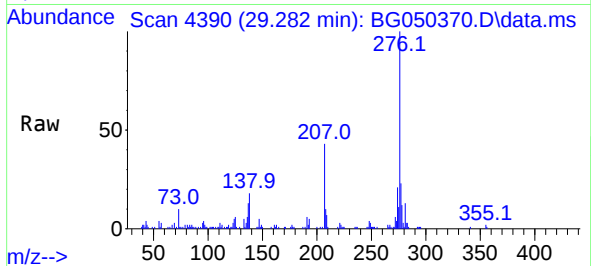
#94
Indeno(1,2,3-cd)pyrene
Concen: 7.27 ng/ul
RT: 29.282 min Scan# 4390
Delta R.T. -0.034 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

Instrument :
BNA_G
ClientSampled :
EW7T7

Tgt Ion:276 Resp: 119639
Ion Ratio Lower Upper
276 100
138 18.2 12.4 18.6
277 23.3 18.5 27.7

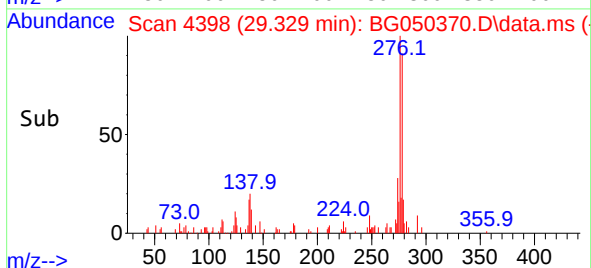
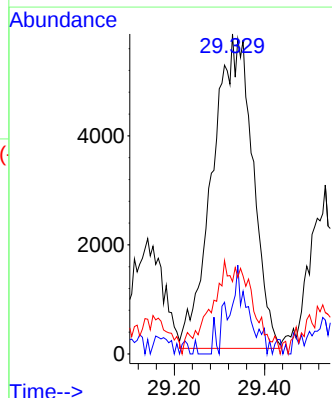
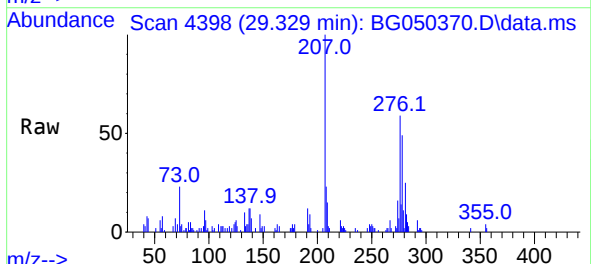
Manual Integrations
APPROVED

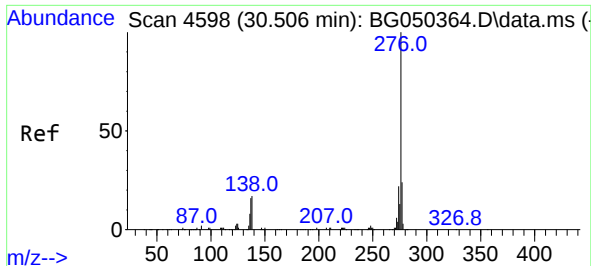
mohammad
10/4/2021 11:50:34 AM



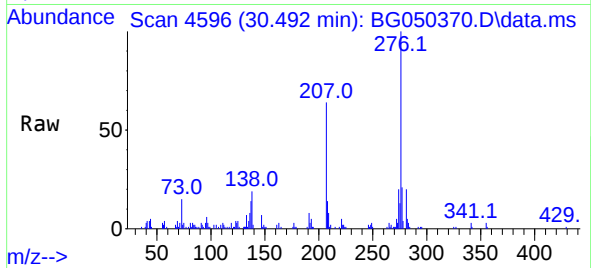
#95
Dibenzo(a,h)anthracene
Concen: 2.55 ng/ul m
RT: 29.329 min Scan# 4398
Delta R.T. -0.064 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35

Tgt Ion:278 Resp: 35704
Ion Ratio Lower Upper
278 100
139 15.2 11.3 16.9
279 22.6 18.3 27.5

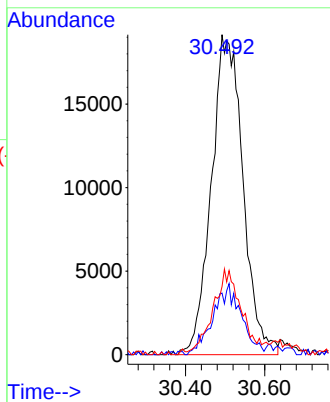
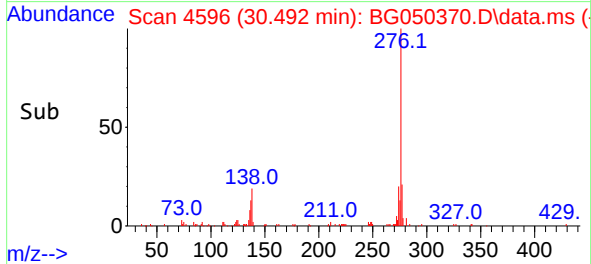




#96
Benzo(g,h,i)perylene
Concen: 7.65 ng/ul m
RT: 30.492 min Scan# 4596
Delta R.T. -0.064 min
Lab File: BG050370.D
Acq: 2 Oct 2021 00:35



Tgt Ion:276 Resp: 106132
Ion Ratio Lower Upper
276 100
138 19.2 14.1 21.1
277 21.3 17.9 26.9



Instrument :
BNA_G
ClientSampleId :
EW7T7

Manual Integrations
APPROVED

mohammad
10/4/2021 11:50:34 AM