

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
 Data File : BG049738.D
 Acq On : 9 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3208-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00E8

Manual Integrations
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Quant Time: Aug 09 14:49:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 09 11:39:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	28154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	112274	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	68596	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	133492	20.000	ng/ul	0.00
79) Chrysene-d12	21.736	240	125782	20.000	ng/ul	0.01
88) Perylene-d12	25.026	264	132730	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	2641m	4.386	ng/uL	0.00
4) Pyridine-d5	3.872	84	8777	4.857	ng/ul	0.02
7) Phenol-d5	7.203	99	110122	43.098	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	65025	44.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	85839	46.938	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	78799	40.447	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	44340	50.135	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	53063	52.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	89059	46.763	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	60728	23.293	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	264032	49.048	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	311233	48.597	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	36689	42.154	ng/ul	0.02
60) Fluorene-d10	15.691	176	221449	47.858	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	39325	43.769	ng/ul	0.00
73) Anthracene-d10	17.548	188	325529	51.660	ng/ul	0.00
81) Pyrene-d10	19.839	212	341421	49.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.797	264	361106	49.652	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.915	128	8113	1.384	ng/ul#	92
36) 2-Methylnaphthalene	12.519	142	8342	1.858	ng/ul	99
37) 1-Methylnaphthalene	12.742	142	7362	1.685	ng/ul#	90
72) Phenanthrene	17.495	178	85391	12.086	ng/ul	97
74) Anthracene	17.583	178	11380	1.610	ng/ul	93
77) Carbazole	17.853	167	11225	1.777	ng/ul#	90
80) Fluoranthene	19.504	202	131282	15.349	ng/ul#	98
82) Pyrene	19.868	202	106231	12.453	ng/ul#	98
85) Benzo(a)anthracene	21.718	228	68669	8.315	ng/ul#	94
87) Chrysene	21.783	228	93885	12.173	ng/ul#	95
90) Benzo(b)fluoranthene	23.974	252	97246	11.210	ng/ul	94
91) Benzo(k)fluoranthene	24.033	252	37370m	4.338	ng/ul	
93) Benzo(a)pyrene	24.867	252	63414	8.303	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.785	276	68826m	6.867	ng/ul	
95) Dibenzo(a,h)anthracene	28.809	278	29931m	3.580	ng/ul	
96) Benzo(g,h,i)perylene	29.978	276	32694m	3.923	ng/ul	

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

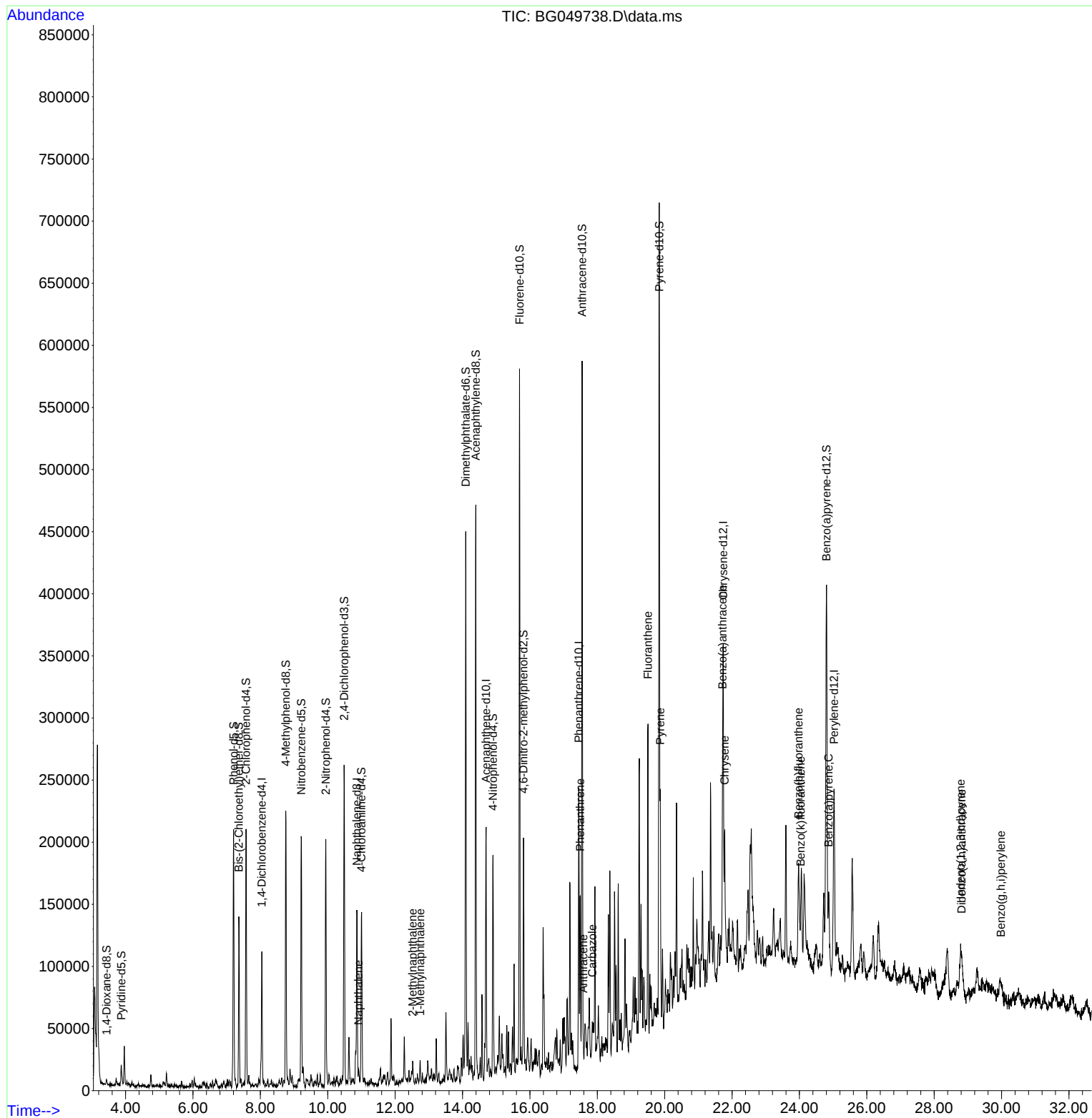
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 Data File : BG049738.D
 Acq On : 9 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3208-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

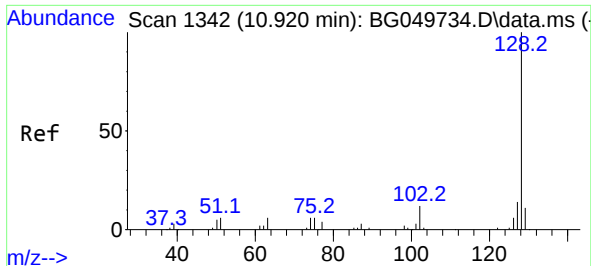
Instrument :
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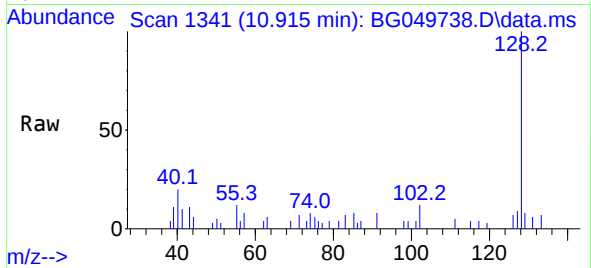
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 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 1.384 ng/ul
RT: 10.915 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

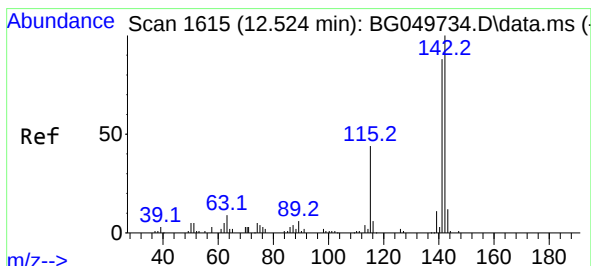
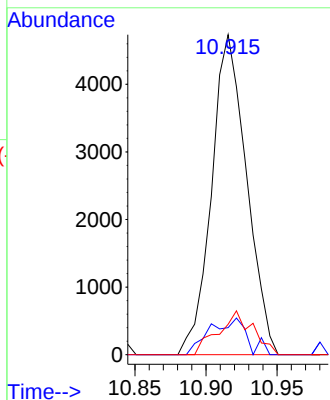
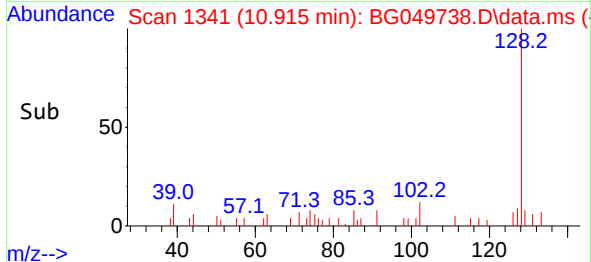
Instrument :
BNA_G
ClientSampled :
C00E8



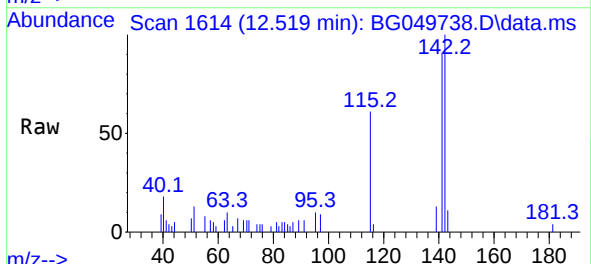
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Ion Ratio Lower Upper
128 100
129 8.5 8.7 13.1#
127 9.5 10.6 16.0#

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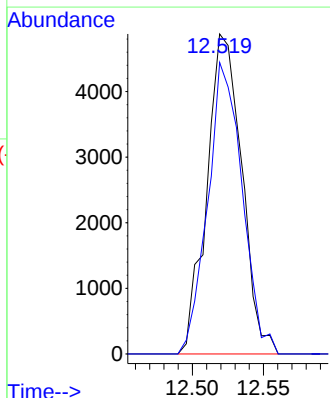
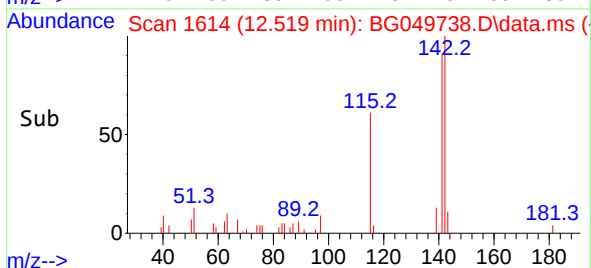
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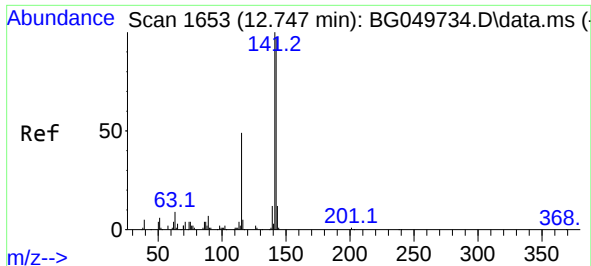


#36
2-Methylnaphthalene
Concen: 1.858 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27



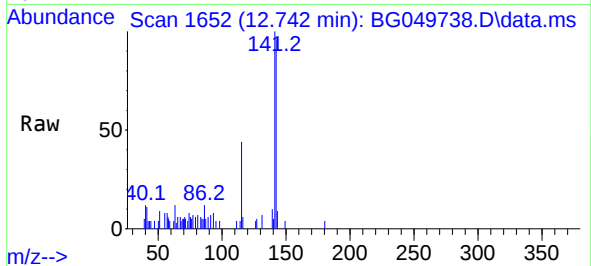
Tgt Ion:142 Resp: 8342
Ion Ratio Lower Upper
142 100
141 91.1 71.8 107.8





#37
1-Methylnaphthalene
Concen: 1.685 ng/ul
RT: 12.742 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

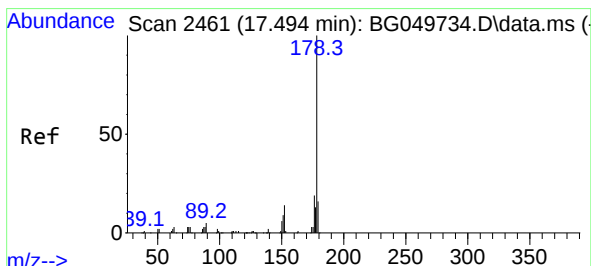
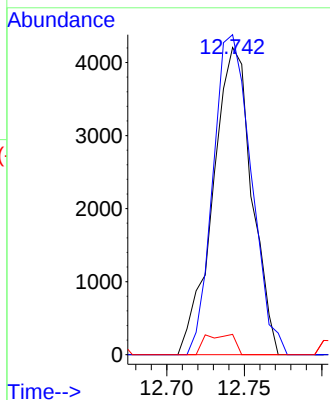
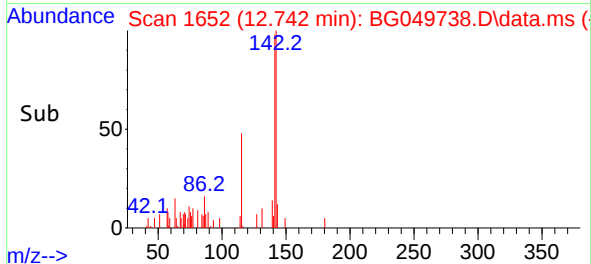
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BNA_G
ClientSampled :
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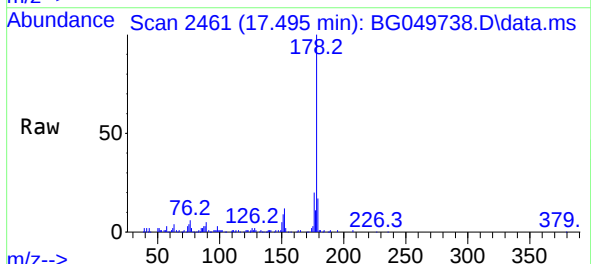
Tgt Ion:142 Resp: 7362
Ion Ratio Lower Upper
142 100
141 104.2 75.4 113.0
116 6.6 4.2 6.2#

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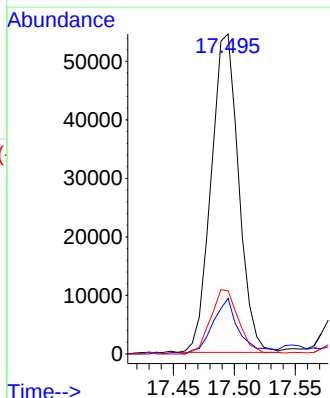
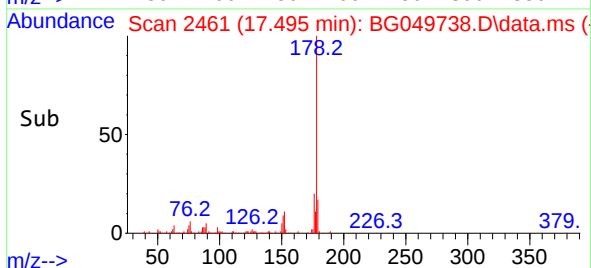
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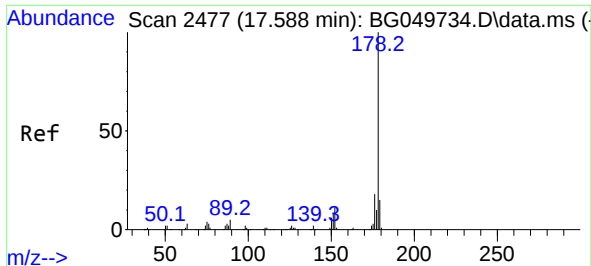


#72
Phenanthrene
Concen: 12.086 ng/ul
RT: 17.495 min Scan# 2461
Delta R.T. 0.006 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27



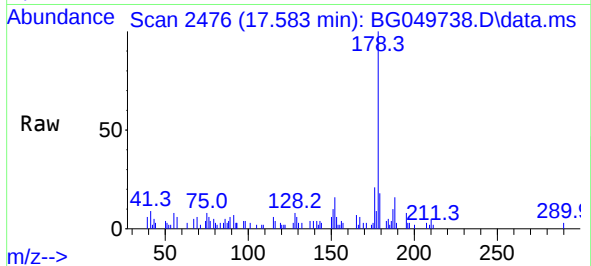
Tgt Ion:178 Resp: 85391
Ion Ratio Lower Upper
178 100
179 17.3 12.4 18.6
176 19.8 15.4 23.2





#74
 Anthracene
 Concen: 1.610 ng/u1
 RT: 17.583 min Scan# 2476
 Delta R.T. 0.006 min
 Lab File: BG049738.D
 Acq: 9 Aug 2021 13:27

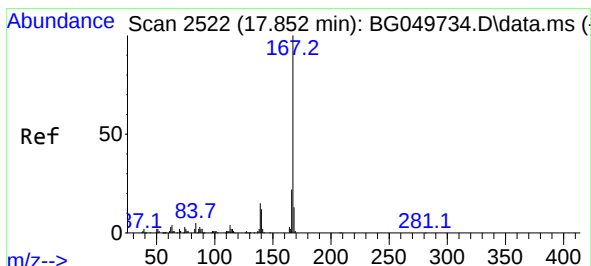
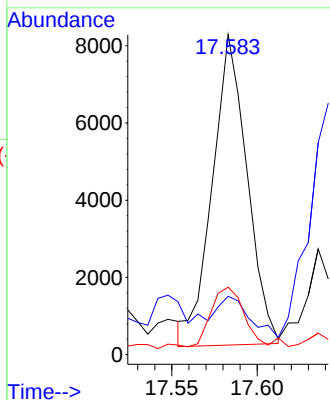
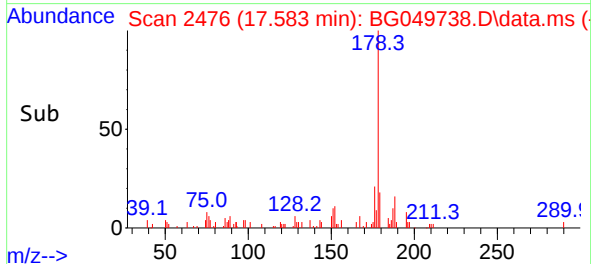
Instrument :
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 ClientSampled :
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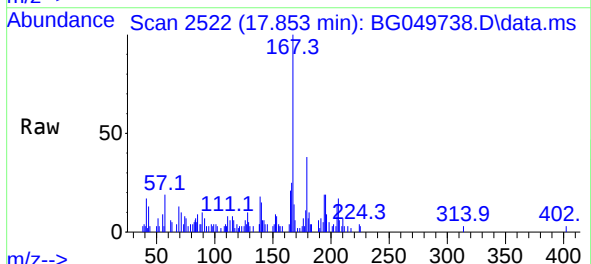
Tgt Ion:178 Resp: 11380
 Ion Ratio Lower Upper
 178 100
 179 18.2 12.4 18.6
 176 21.1 14.6 21.8

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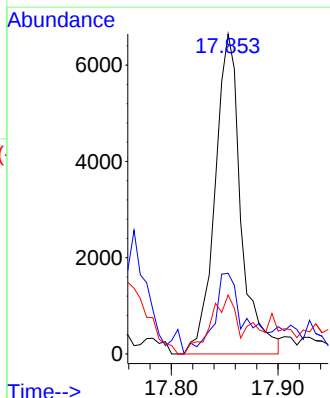
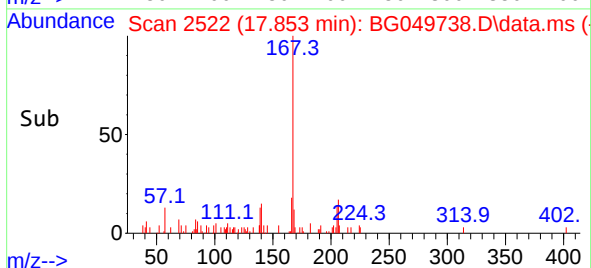
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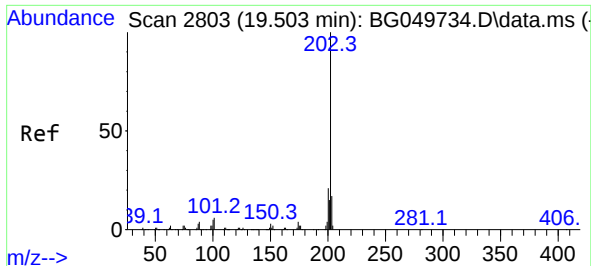


#77
 Carbazole
 Concen: 1.777 ng/u1
 RT: 17.853 min Scan# 2522
 Delta R.T. 0.006 min
 Lab File: BG049738.D
 Acq: 9 Aug 2021 13:27



Tgt Ion:167 Resp: 11225
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.3 25.9
 139 18.4 10.4 15.6#





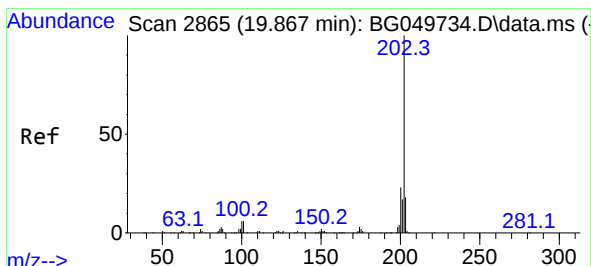
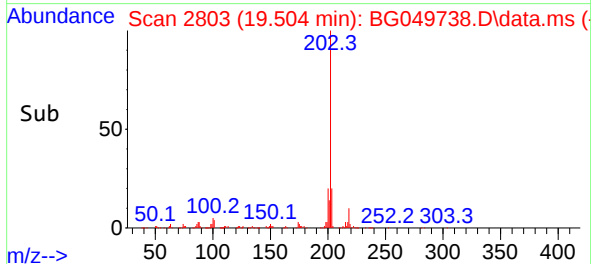
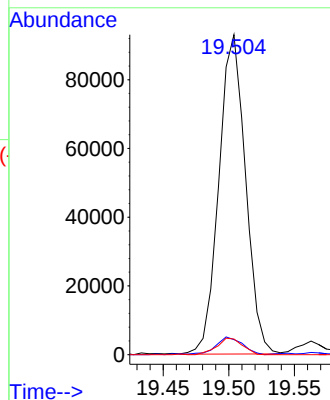
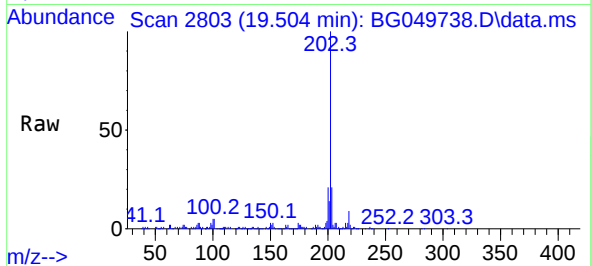
#80
Fluoranthene
Concen: 15.349 ng/ul
RT: 19.504 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

Instrument :
BNA_G
ClientSampled :
C00E8

Tgt Ion:202 Resp: 131282
Ion Ratio Lower Upper
202 100
101 4.7 4.8 7.2#
100 4.9 3.9 5.9

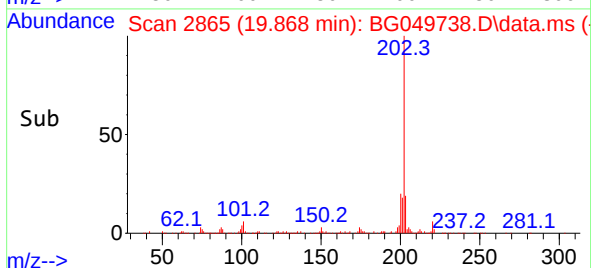
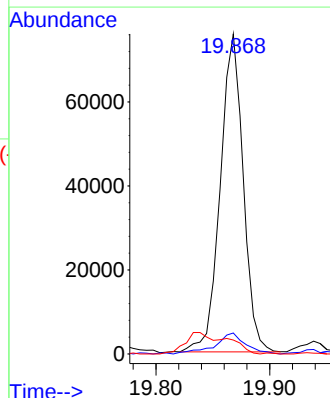
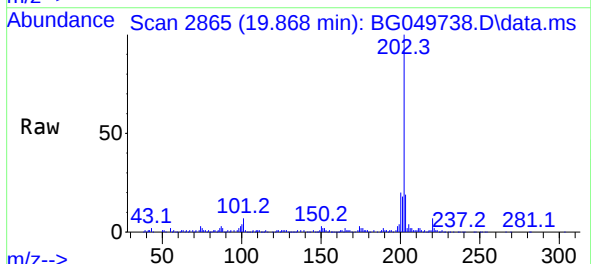
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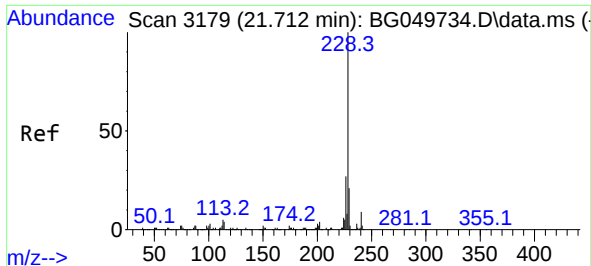
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#82
Pyrene
Concen: 12.453 ng/ul
RT: 19.868 min Scan# 2865
Delta R.T. 0.006 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

Tgt Ion:202 Resp: 106231
Ion Ratio Lower Upper
202 100
101 6.5 5.2 7.8
100 4.4 4.8 7.2#





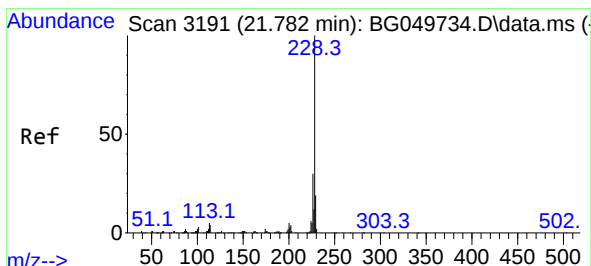
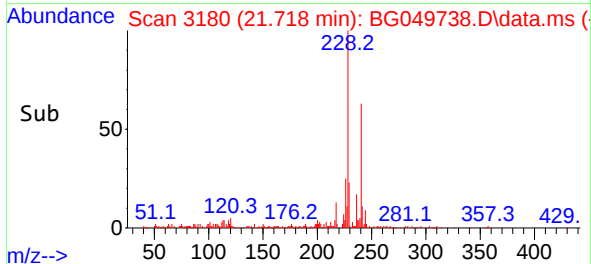
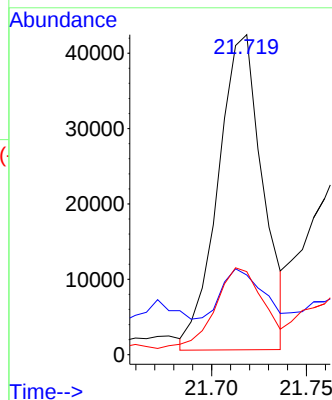
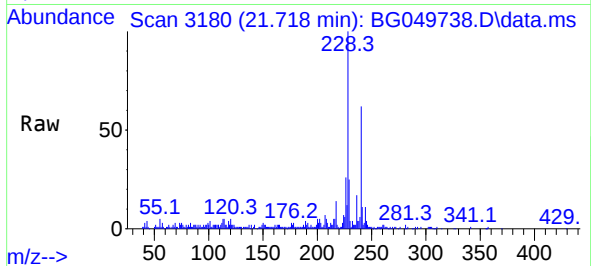
#85
Benzo(a)anthracene
Concen: 8.315 ng/u1
RT: 21.718 min Scan# 3180
Delta R.T. 0.012 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

Tgt Ion:228 Resp: 68669
Ion Ratio Lower Upper
228 100
229 24.9 15.3 22.9#
226 25.9 21.0 31.6

Instrument :
BNA_G
ClientSampled :
C00E8

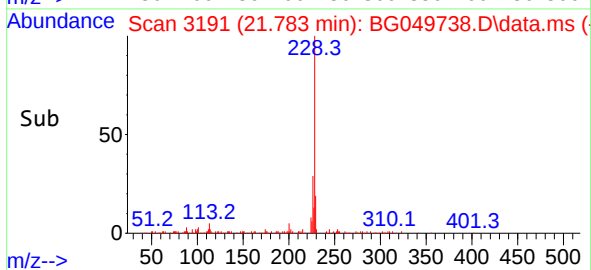
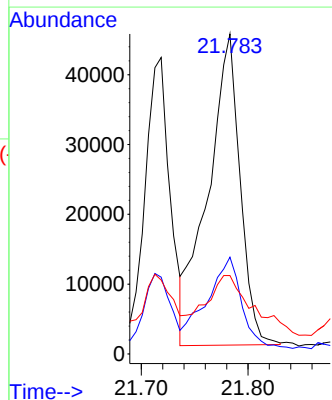
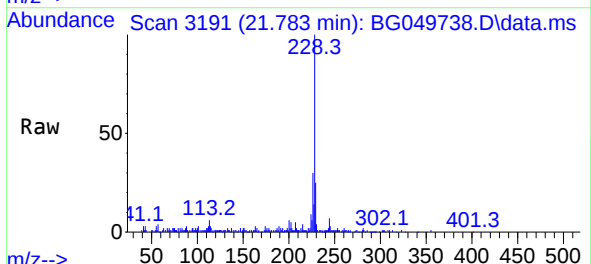
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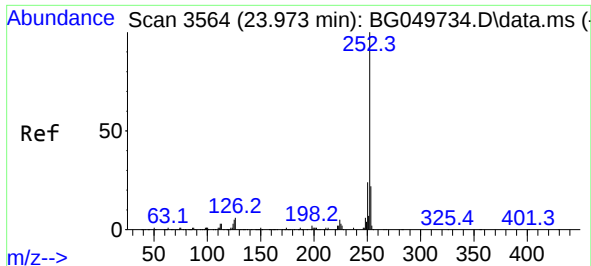
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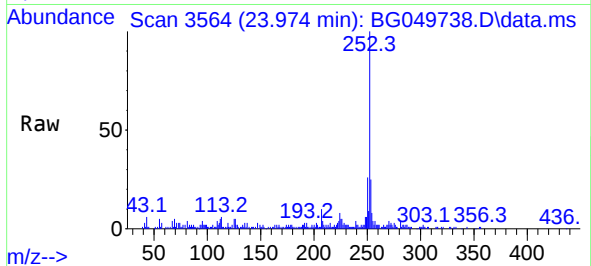
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Chrysene
Concen: 12.173 ng/u1
RT: 21.783 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

Tgt Ion:228 Resp: 93885
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 24.5 15.4 23.2#

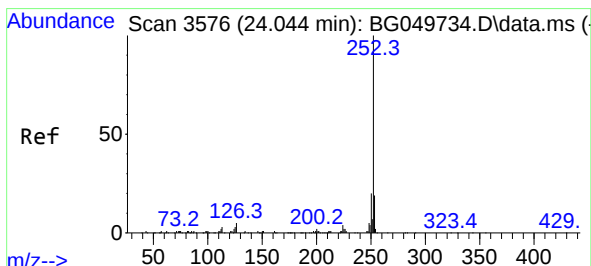
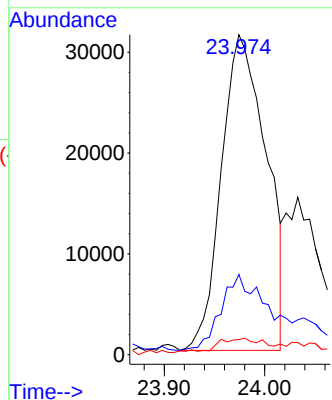
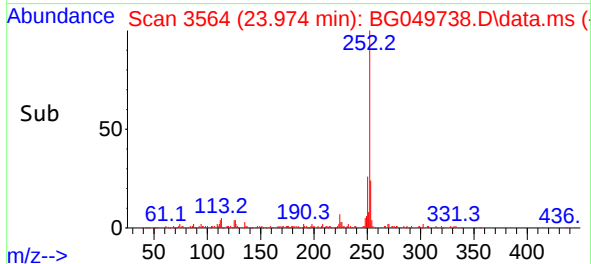




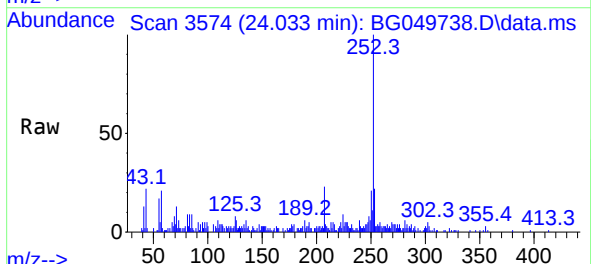
#90
Benzo(b)fluoranthene
Concen: 11.210 ng/ul
RT: 23.974 min Scan# 3564
Delta R.T. 0.017 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27



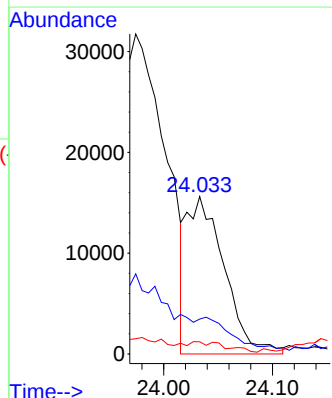
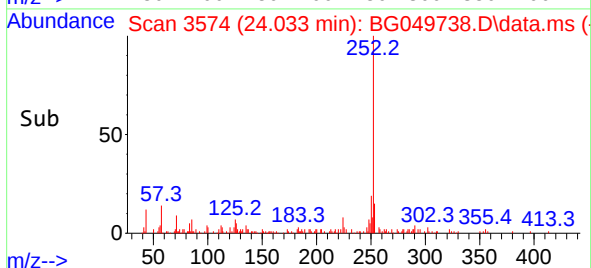
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Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 4.7 3.7 5.5



#91
Benzo(k)fluoranthene
Concen: 4.338 ng/ul m
RT: 24.033 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27



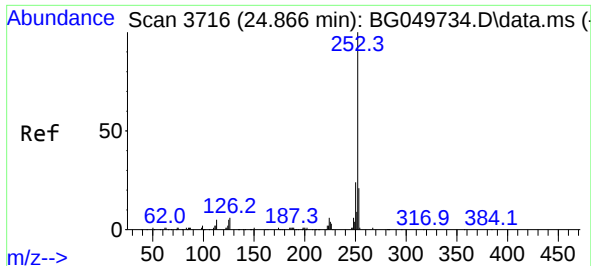
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Ion Ratio Lower Upper
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253 22.2 17.8 26.8
125 7.7 3.8 5.8#



Instrument :
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ClientSampleId :
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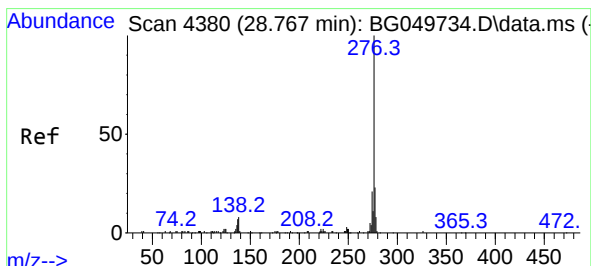
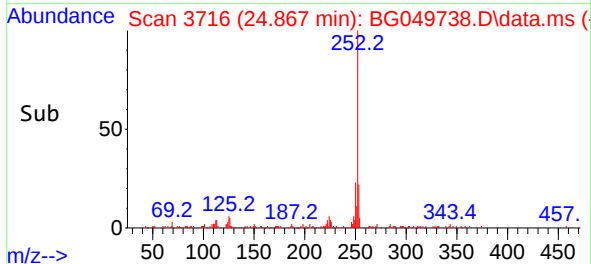
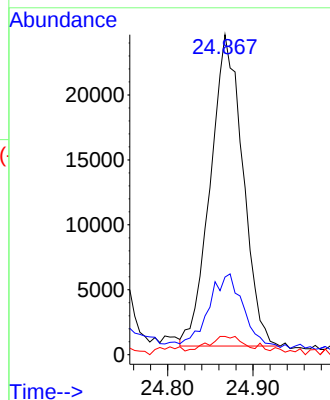
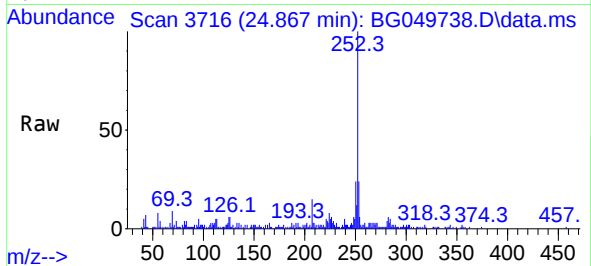
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Benzo(a)pyrene
Concen: 8.303 ng/ul
RT: 24.867 min Scan# 3716
Delta R.T. 0.017 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

Tgt Ion:252 Resp: 63414
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 5.7 4.6 7.0

Instrument :
BNA_G
ClientSampled :
C00E8

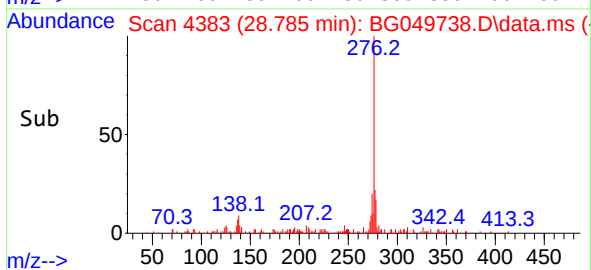
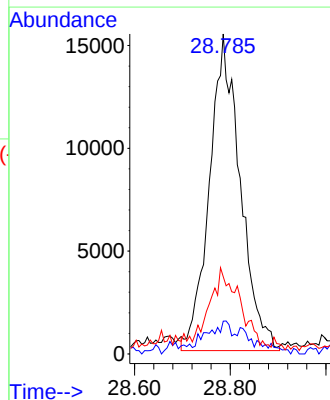
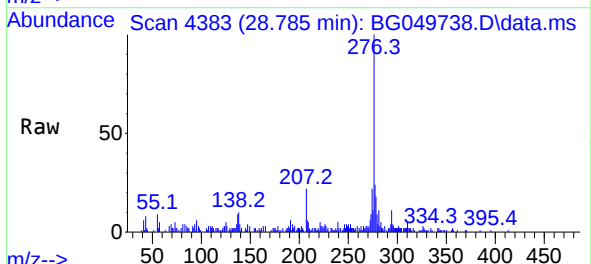
Manual Integrations
APPROVED

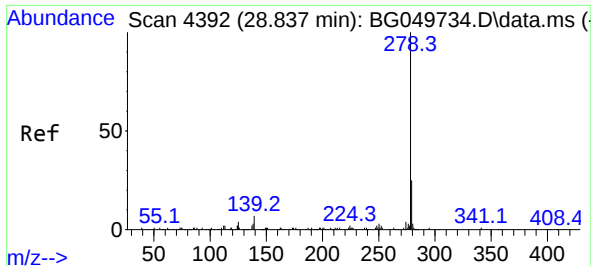
mohammad
8/10/2021 4:33:13 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.867 ng/ul m
RT: 28.785 min Scan# 4383
Delta R.T. 0.041 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

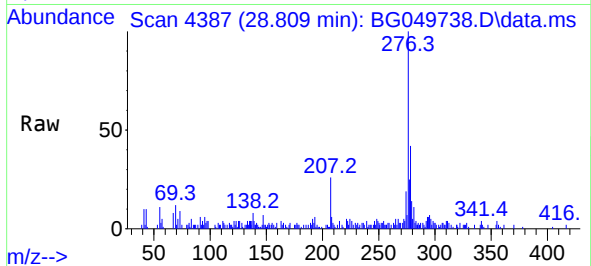
Tgt Ion:276 Resp: 68826
Ion Ratio Lower Upper
276 100
138 10.2 6.6 10.0#
277 24.1 19.4 29.2





#95
Dibenzo(a,h)anthracene
Concen: 3.580 ng/ul m
RT: 28.809 min Scan# 4387
Delta R.T. -0.012 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27

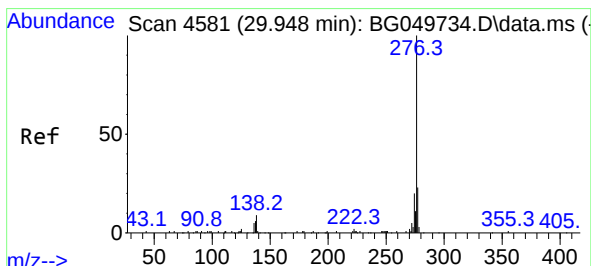
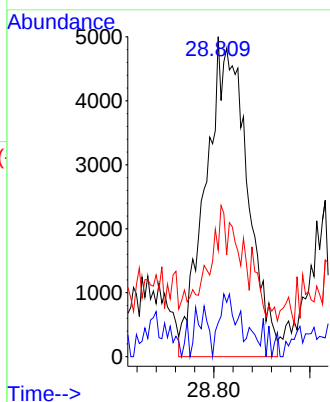
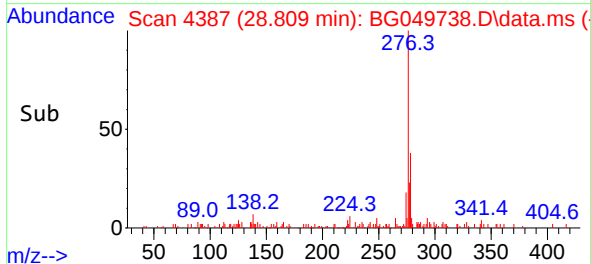
Instrument :
BNA_G
ClientSampled :
C00E8



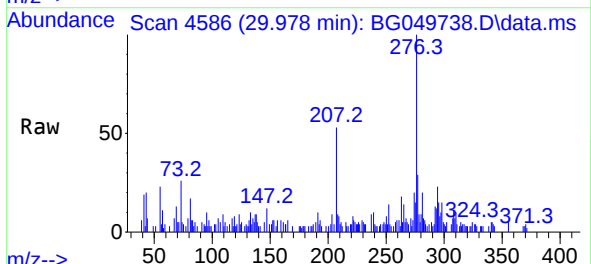
Tgt Ion: 278 Resp: 29931
Ion Ratio Lower Upper
278 100
139 10.6 6.3 9.5#
279 33.3 18.9 28.3#

Manual Integrations
APPROVED

mohammad
8/10/2021 4:33:13 PM



#96
Benzo(g,h,i)perylene
Concen: 3.923 ng/ul m
RT: 29.978 min Scan# 4586
Delta R.T. 0.059 min
Lab File: BG049738.D
Acq: 9 Aug 2021 13:27



Tgt Ion: 276 Resp: 32694
Ion Ratio Lower Upper
276 100
138 8.9 7.2 10.8
277 29.1 19.5 29.3

