

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
 Data File : BG050952.D
 Acq On : 10 Nov 2021 21:04
 Operator : CG/JU
 Sample : M4419-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0HF2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/11/2021
 Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 11 01:38:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 14:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	37515	20.000	ng/u1	0.00
20) Naphthalene-d8	11.049	136	164436	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.851	164	105405	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.595	188	190790	20.000	ng/u1	-0.01
79) Chrysene-d12	21.907	240	163842	20.000	ng/u1	# 0.00
88) Perylene-d12	25.309	264	172564	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	2431	2.091	ng/uL	0.00
4) Pyridine-d5	4.016	84	19597	5.636	ng/u1	0.00
7) Phenol-d5	7.371	99	51827	12.950	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	35507	13.734	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	39855	14.369	ng/u1	-0.01
15) 4-Methylphenol-d8	8.922	113	40221	12.766	ng/u1	-0.01
21) Nitrobenzene-d5	9.398	128	21633	15.481	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.127	143	23435	15.083	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.662	165	38091	14.553	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.184	131	52101	13.145	ng/u1	0.00
46) Dimethylphthalate-d6	14.240	166	127942	15.866	ng/u1	-0.01
49) Acenaphthylene-d8	14.545	160	169175	16.838	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.039	143	13160	9.000	ng/u1	0.00
60) Fluorene-d10	15.838	176	115434	16.159	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.955	200	13525	11.693	ng/u1	0.00
73) Anthracene-d10	17.694	188	164109	18.193	ng/u1	-0.01
81) Pyrene-d10	19.974	212	173747	16.419	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.074	264	154906	16.238	ng/u1	0.00
Target Compounds						
					Qvalue	
37) 1-Methylnaphthalene	12.912	142	8174	1.317	ng/u1#	97
43) 1,1'-Biphenyl	13.687	154	11601	1.506	ng/u1#	96
52) Acenaphthene	14.915	153	21648	3.270	ng/u1	94
61) Fluorene	15.891	166	23896	3.186	ng/u1	99
72) Phenanthrene	17.636	178	131561	12.918	ng/u1	97
80) Fluoranthene	19.639	202	29072	2.289	ng/u1#	91
82) Pyrene	20.004	202	42193	3.400	ng/u1#	81
87) Chrysene	21.954	228	15066m	1.390	ng/u1	

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

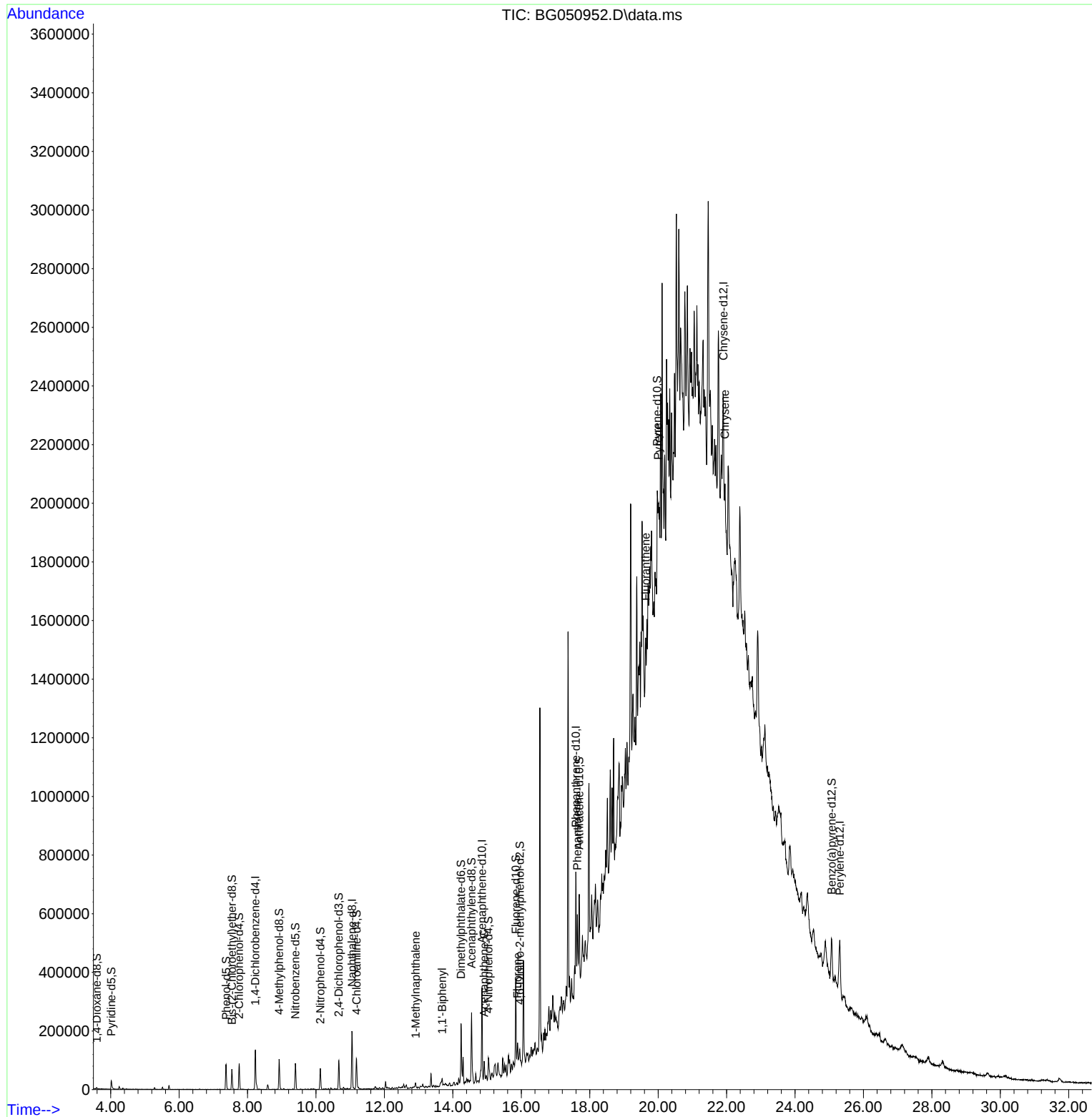
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
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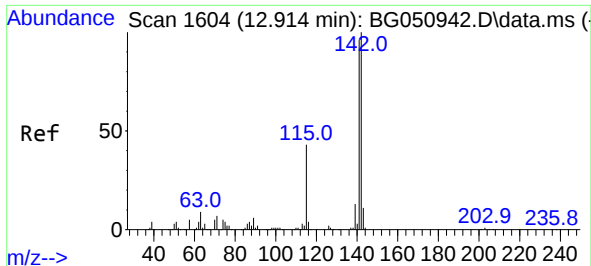
Instrument :
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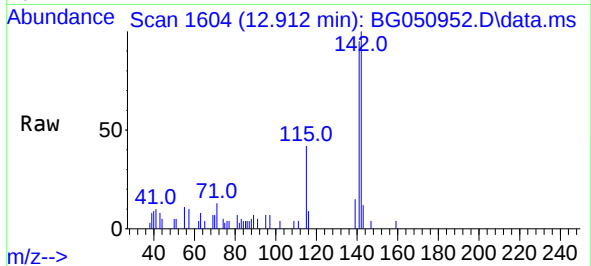
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021





#37
1-Methylnaphthalene
Concen: 1.317 ng/ul
RT: 12.912 min Scan# 1604
Delta R.T. -0.005 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04

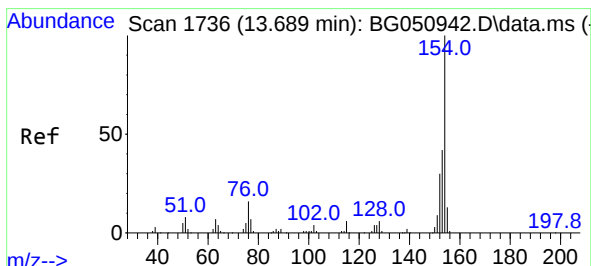
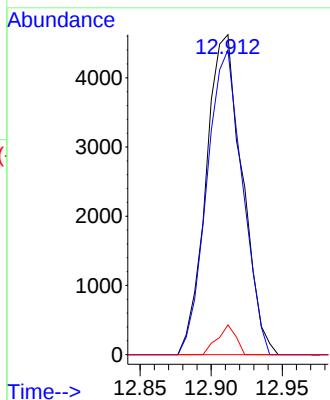
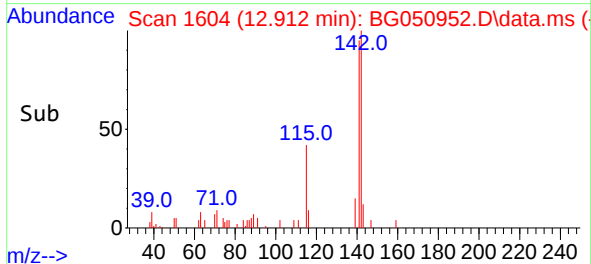
Instrument :
BNA_G
ClientSampleId :
C0HF2



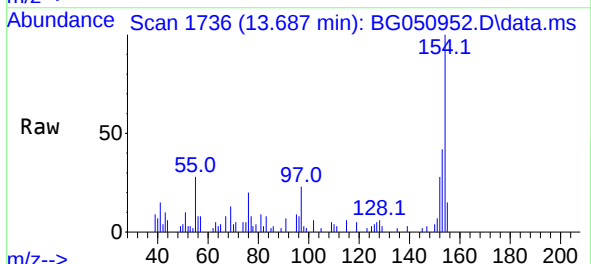
Tgt Ion:142 Resp: 8174
Ion Ratio Lower Upper
142 100
141 95.2 77.8 116.8
116 9.3 3.3 4.9

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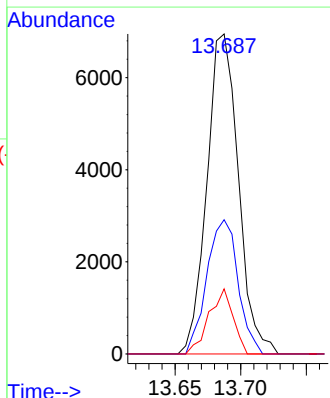
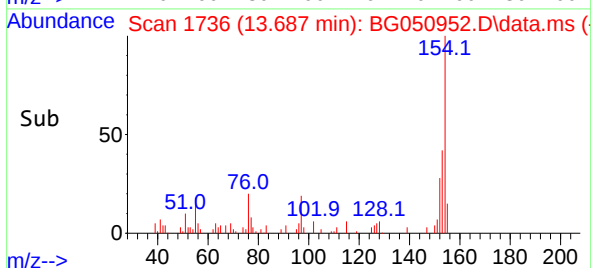
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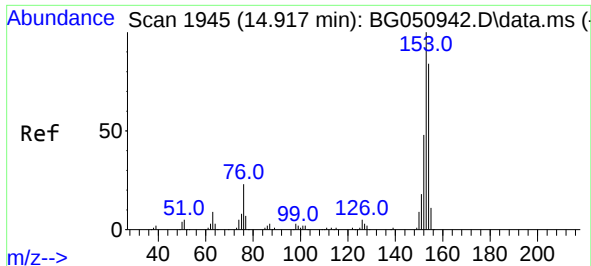


#43
1,1'-Biphenyl
Concen: 1.506 ng/ul
RT: 13.687 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04



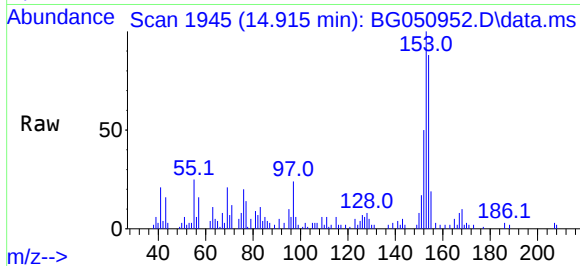
Tgt Ion:154 Resp: 11601
Ion Ratio Lower Upper
154 100
153 41.9 34.5 51.7
76 20.3 13.1 19.7





#52
Acenaphthene
Concen: 3.270 ng/uI
RT: 14.915 min Scan# 1945
Delta R.T. -0.011 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04

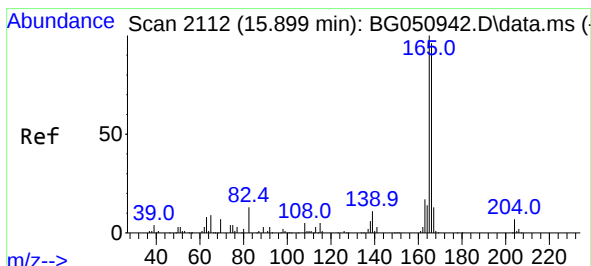
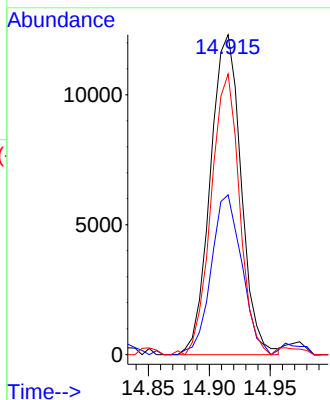
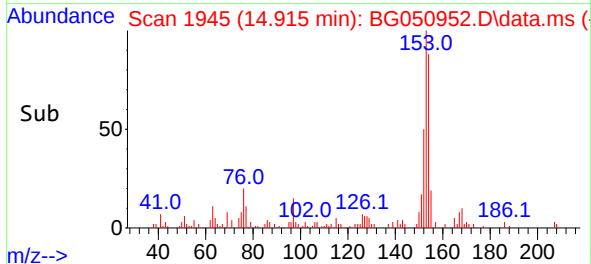
Instrument :
BNA_G
ClientSampleId :
C0HF2



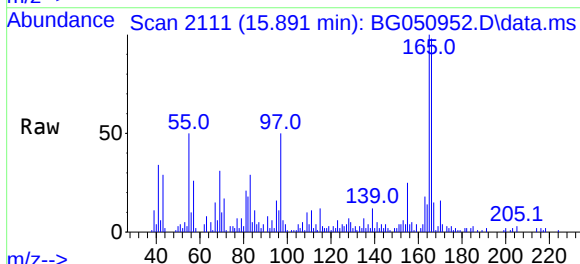
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Ion Ratio Lower Upper
153 100
152 50.0 36.5 54.7
154 87.7 65.8 98.6

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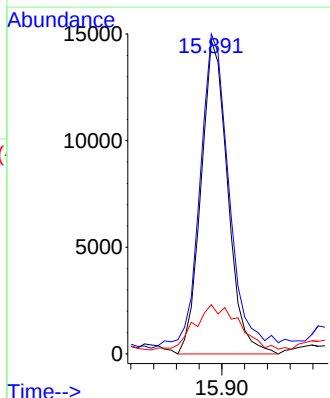
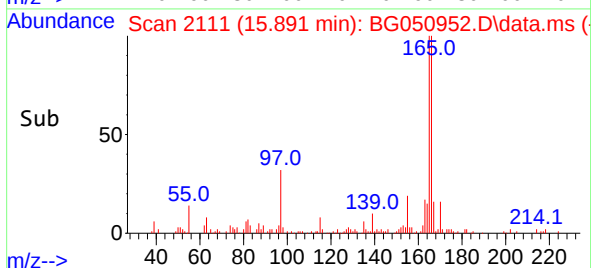
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

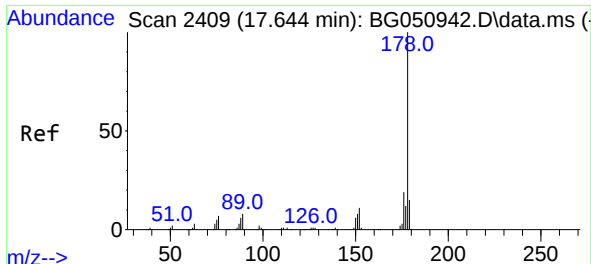


#61
Fluorene
Concen: 3.186 ng/uI
RT: 15.891 min Scan# 2111
Delta R.T. -0.017 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04



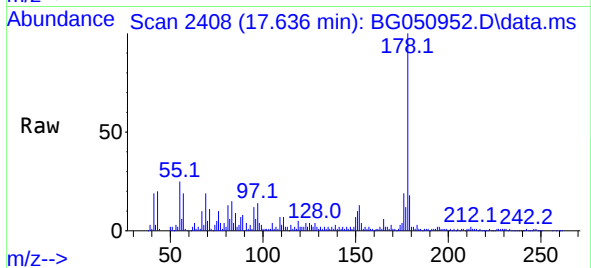
Tgt Ion:166 Resp: 23896
Ion Ratio Lower Upper
166 100
165 102.0 81.0 121.6
167 15.7 11.0 16.4





#72
Phenanthrene
Concen: 12.918 ng/u1
RT: 17.636 min Scan# 2409
Delta R.T. -0.011 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04

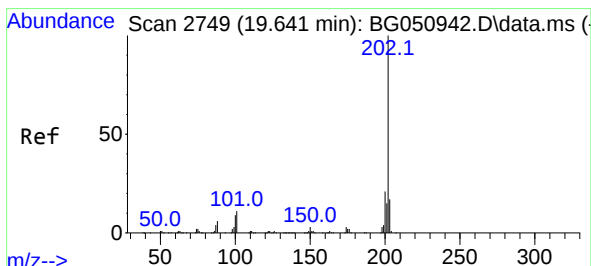
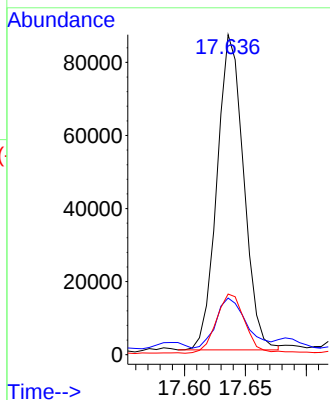
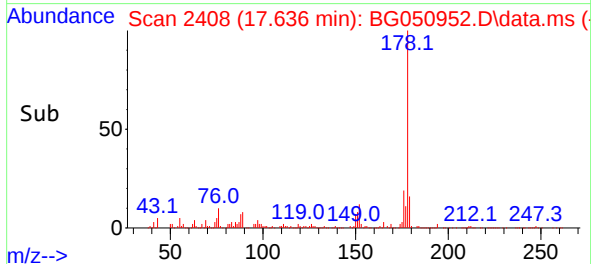
Instrument :
BNA_G
ClientSampleId :
C0HF2



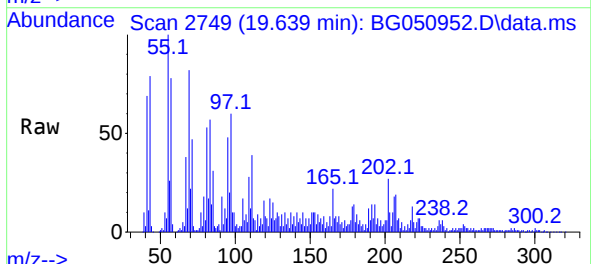
Tgt Ion:178 Resp: 13156
Ion Ratio Lower Upper
178 100
179 17.7 12.3 18.5
176 19.0 15.5 23.3

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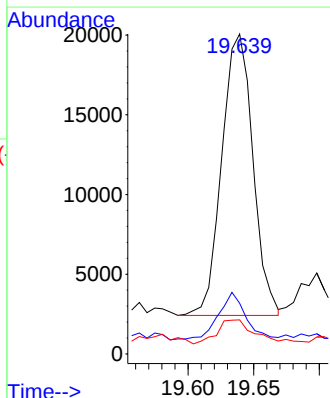
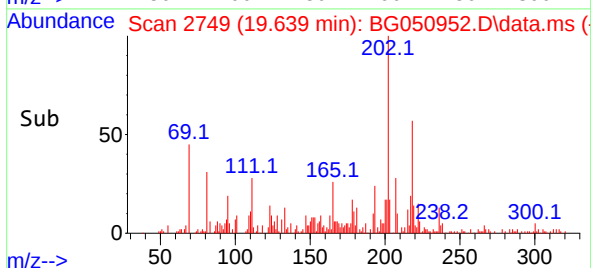
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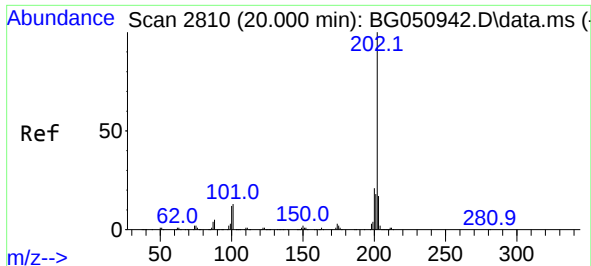


#80
Fluoranthene
Concen: 2.289 ng/u1
RT: 19.639 min Scan# 2749
Delta R.T. -0.005 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04



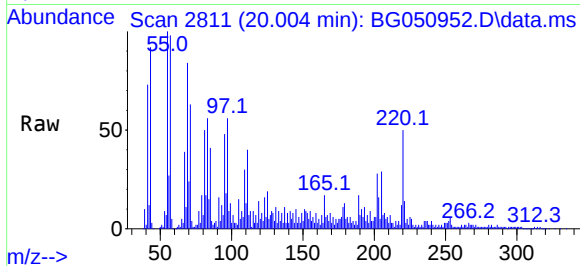
Tgt Ion:202 Resp: 29072
Ion Ratio Lower Upper
202 100
101 15.9 9.3 13.9#
100 10.7 7.0 10.6#





#82
Pyrene
Concen: 3.400 ng/ul
RT: 20.004 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04

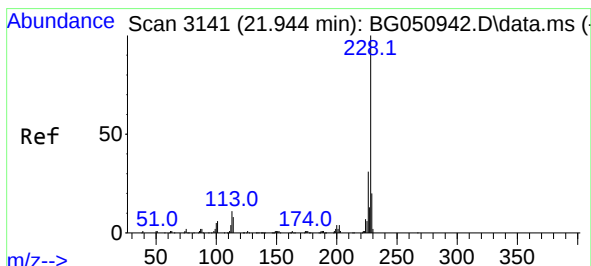
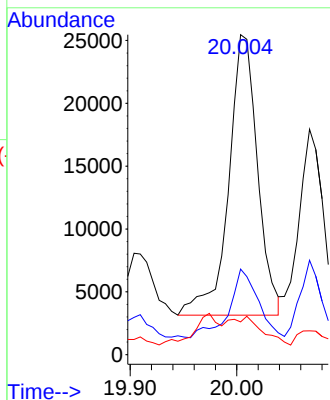
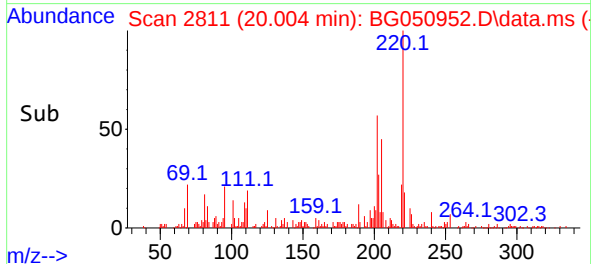
Instrument :
BNA_G
ClientSampleId :
COHF2



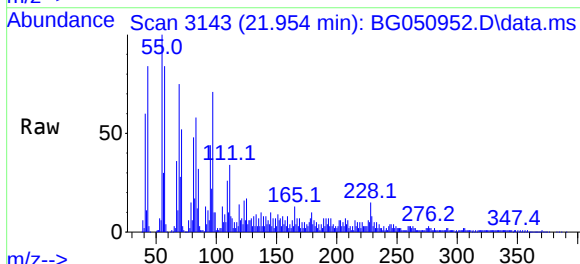
Tgt Ion:202 Resp: 4219
Ion Ratio Lower Upper
202 100
101 26.7 10.7 16.1
100 10.3 9.0 13.6

Manual Integrations
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#87
Chrysene
Concen: 1.390 ng/ul m
RT: 21.954 min Scan# 3143
Delta R.T. 0.001 min
Lab File: BG050952.D
Acq: 10 Nov 2021 21:04



Tgt Ion:228 Resp: 15066
Ion Ratio Lower Upper
228 100
226 39.4 24.8 37.2#
229 56.9 15.8 23.6#

