

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049501.D
 Acq On : 27 Jul 2021 10:22
 Operator : CG/JU
 Sample : M3084-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0028

Manual Integrations
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Quant Time: Jul 27 11:14:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	23967	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	96556	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	67004	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	123385	20.000	ng/ul	0.00
79) Chrysene-d12	21.735	240	113552	20.000	ng/ul	# 0.01
88) Perylene-d12	25.031	264	119973	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.436	96	1050	2.004	ng/uL	0.00
4) Pyridine-d5	3.865	84	11164	7.420	ng/ul	0.01
7) Phenol-d5	7.202	99	29318	13.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	17215	14.334	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	23774	15.641	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	24000	15.016	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	12089	16.285	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	14490	16.657	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	25164	15.905	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	25128	11.396	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	90316	17.597	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	107146	17.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	8755	10.358	ng/ul	0.01
60) Fluorene-d10	15.690	176	76128	17.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	4279	5.597	ng/ul	0.00
73) Anthracene-d10	17.547	188	111287	19.406	ng/ul	0.00
81) Pyrene-d10	19.838	212	119409	20.565	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.796	264	116149	18.420	ng/ul	0.03
Target Compounds					Qvalue	
30) Naphthalene	10.920	128	11676	2.348	ng/ul	96
36) 2-Methylnaphthalene	12.524	142	14134	3.883	ng/ul	94
37) 1-Methylnaphthalene	12.747	142	8808	2.395	ng/ul#	88
56) Dibenzofuran	15.097	168	8814	1.599	ng/ul	99
61) Fluorene	15.743	166	11697	2.499	ng/ul#	97
72) Phenanthrene	17.488	178	79022	12.302	ng/ul	98
74) Anthracene	17.582	178	14531m	2.232	ng/ul	
80) Fluoranthene	19.503	202	64058	9.086	ng/ul#	97
82) Pyrene	19.867	202	58856	8.408	ng/ul	98
85) Benzo(a)anthracene	21.717	228	30422	4.382	ng/ul#	64
87) Chrysene	21.776	228	42979	6.468	ng/ul#	79
90) Benzo(b)fluoranthene	23.973	252	34744	4.620	ng/ul#	43
91) Benzo(k)fluoranthene	24.038	252	12544	1.705	ng/ul#	75
93) Benzo(a)pyrene	24.872	252	23942	3.670	ng/ul#	75
94) Indeno(1,2,3-cd)pyrene	28.796	276	15447m	1.856	ng/ul	
95) Dibenzo(a,h)anthracene	28.825	278	8283m	1.203	ng/ul	
96) Benzo(g,h,i)perylene	29.959	276	15674m	2.265	ng/ul	

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

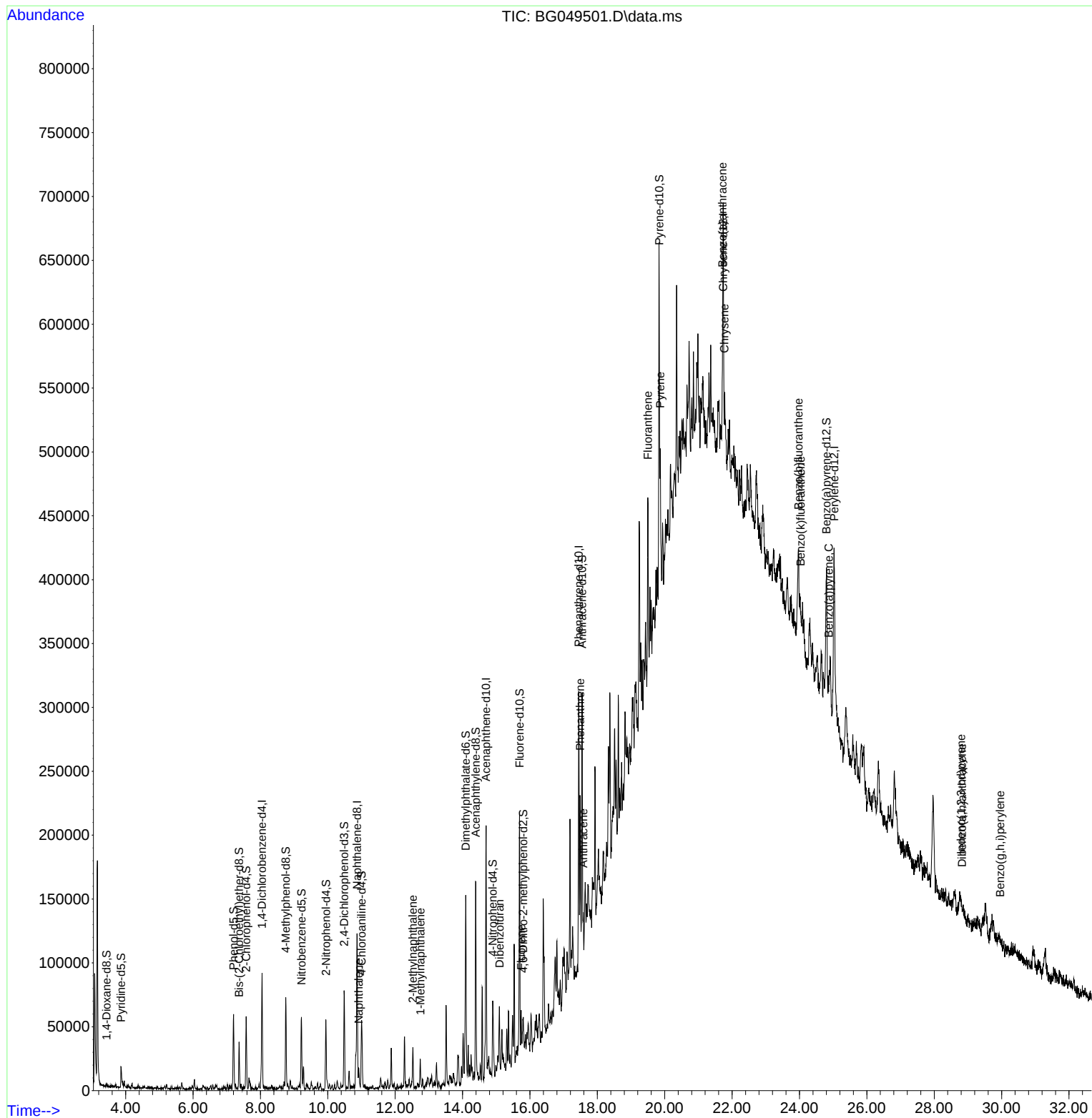
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049501.D
 Acq On : 27 Jul 2021 10:22
 Operator : CG/JU
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 ALS Vial : 31 Sample Multiplier: 1

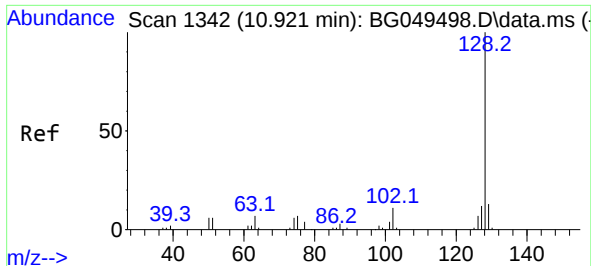
Instrument :
 BNA_G
 ClientSampleId :
 C0028

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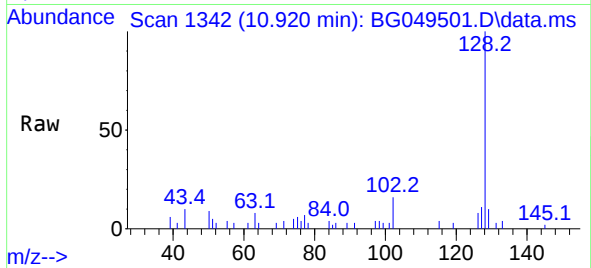
Quant Time: Jul 27 11:14:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 2.348 ng/ul
RT: 10.920 min Scan# 1342
Delta R.T. 0.004 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

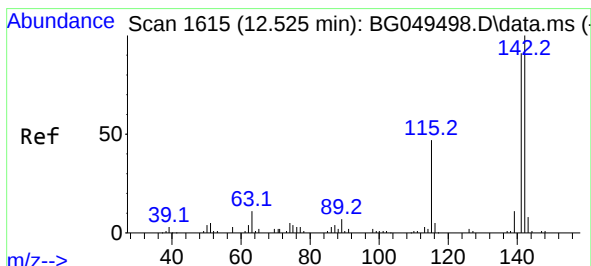
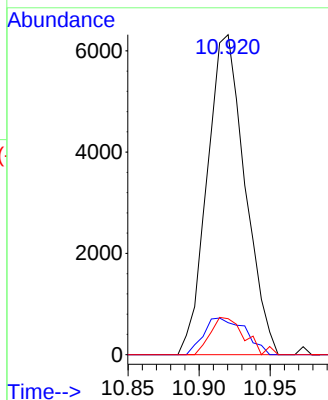
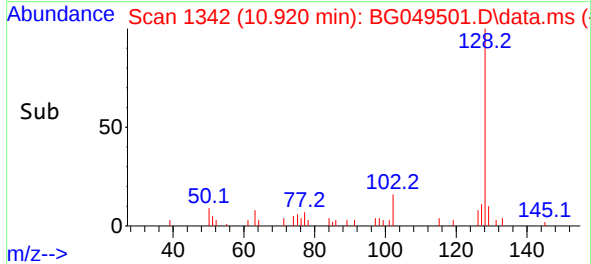
Instrument :
BNA_G
ClientSampleId :
C0028



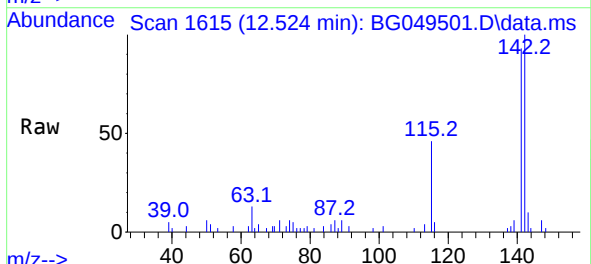
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Ion Ratio Lower Upper
128 100
129 10.0 7.8 11.8
127 11.3 11.0 16.6

Manual Integrations
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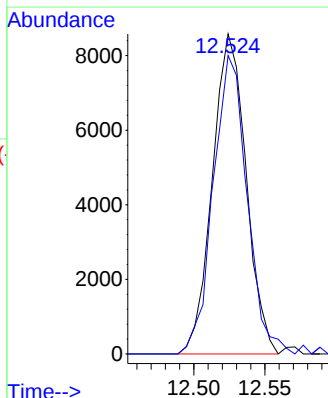
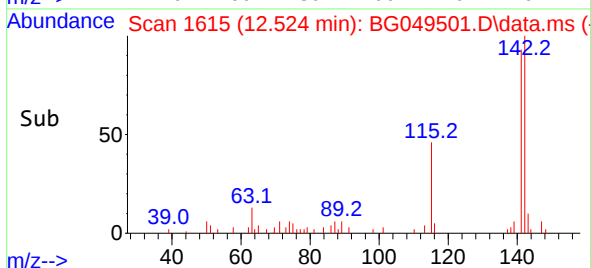
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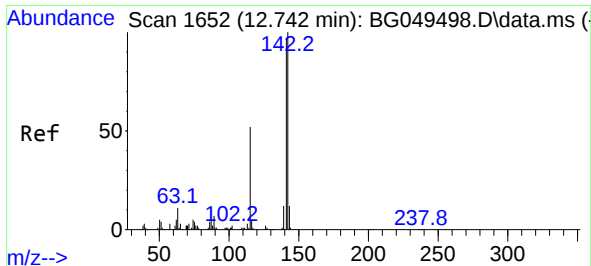


#36
2-Methylnaphthalene
Concen: 3.883 ng/ul
RT: 12.524 min Scan# 1615
Delta R.T. -0.002 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22



Tgt Ion:142 Resp: 14134
Ion Ratio Lower Upper
142 100
141 93.3 69.9 104.9





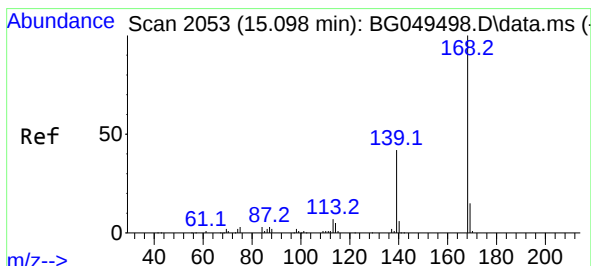
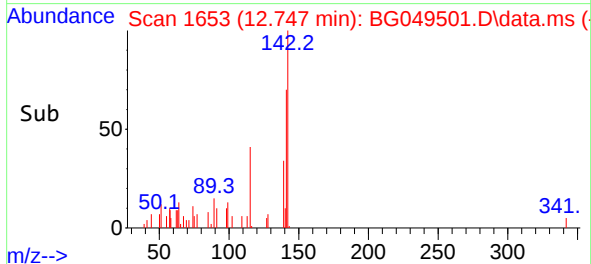
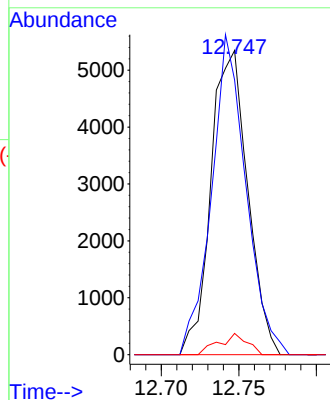
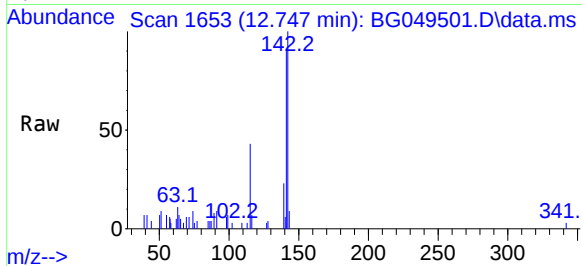
#37
1-Methylnaphthalene
Concen: 2.395 ng/ul
RT: 12.747 min Scan# 1653
Delta R.T. 0.004 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

Tgt Ion:142 Resp: 8808
Ion Ratio Lower Upper
142 100
141 90.3 82.1 123.1
116 7.0 3.8 5.6#

Instrument :
BNA_G
ClientSampled :
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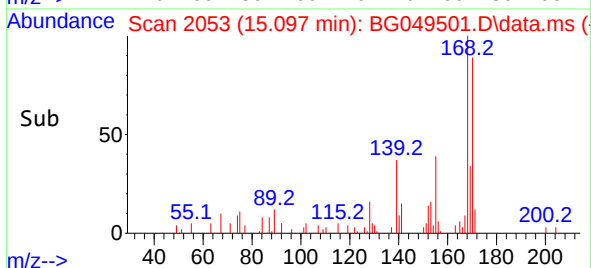
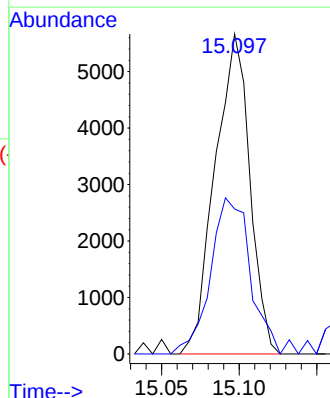
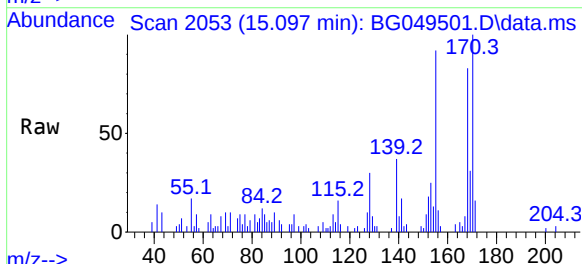
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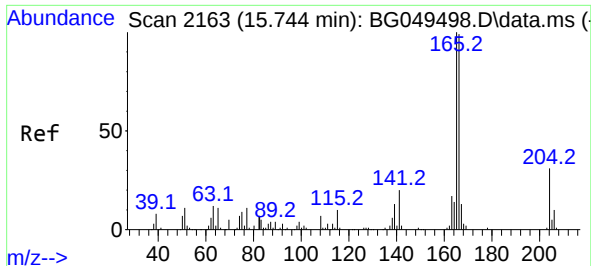
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#56
Dibenzofuran
Concen: 1.599 ng/ul
RT: 15.097 min Scan# 2053
Delta R.T. 0.004 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

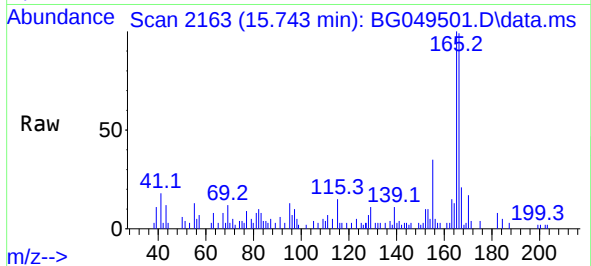
Tgt Ion:168 Resp: 8814
Ion Ratio Lower Upper
168 100
139 45.3 35.5 53.3





#61
Fluorene
Concen: 2.499 ng/u1
RT: 15.743 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

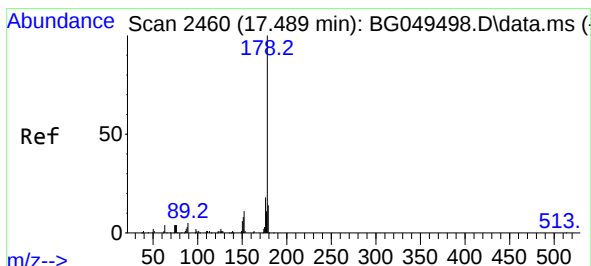
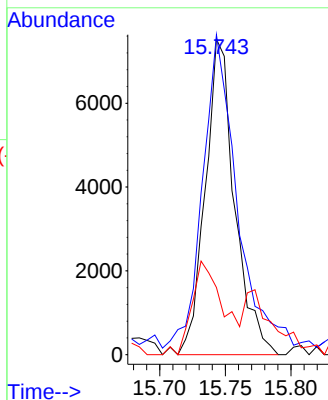
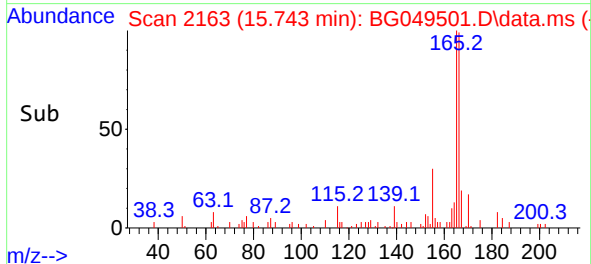
Instrument :
BNA_G
ClientSampled :
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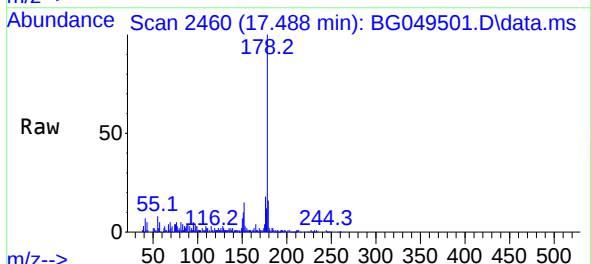
Tgt Ion:166 Resp: 11697
Ion Ratio Lower Upper
166 100
165 101.4 81.8 122.8
167 21.3 11.0 16.4#

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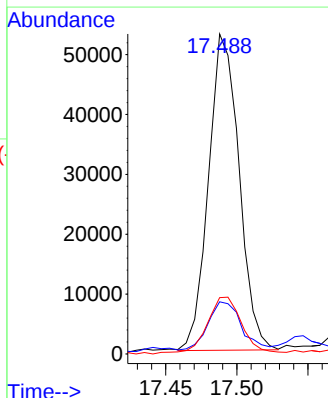
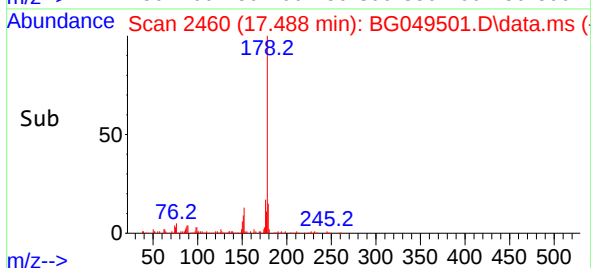
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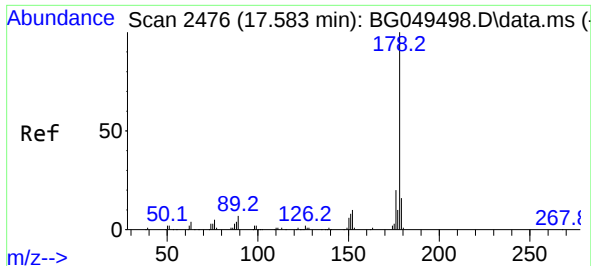


#72
Phenanthrene
Concen: 12.302 ng/u1
RT: 17.488 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22



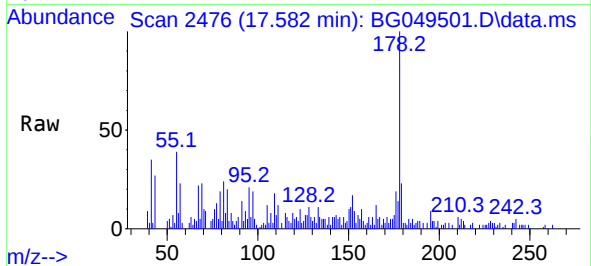
Tgt Ion:178 Resp: 79022
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 17.6 15.0 22.6





#74
 Anthracene
 Concen: 2.232 ng/ul m
 RT: 17.582 min Scan# 2476
 Delta R.T. -0.002 min
 Lab File: BG049501.D
 Acq: 27 Jul 2021 10:22

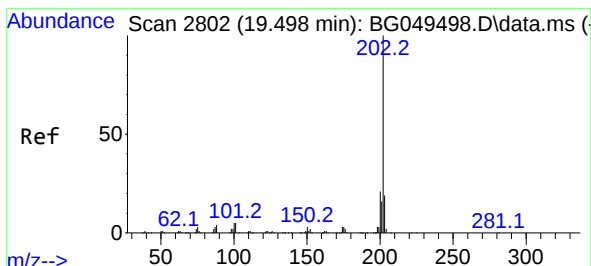
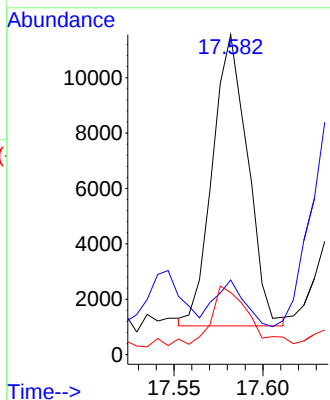
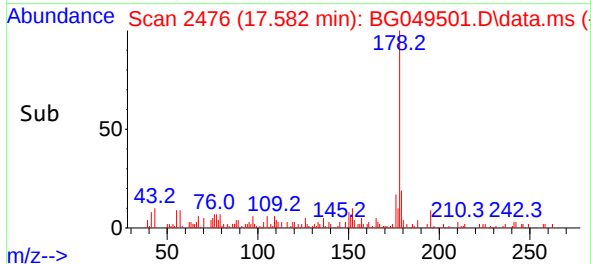
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 ClientSampled :
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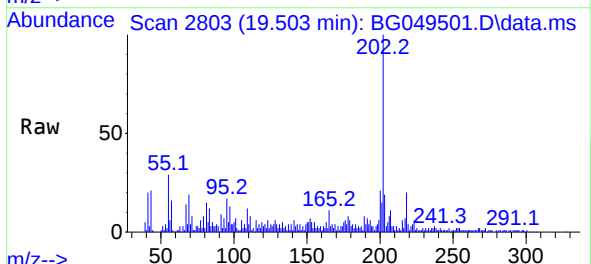
Tgt Ion:178 Resp: 14531
 Ion Ratio Lower Upper
 178 100
 179 23.4 12.0 18.0#
 176 19.5 15.6 23.4

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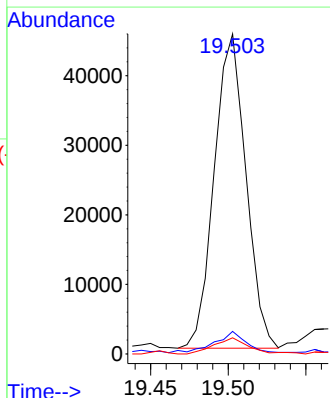
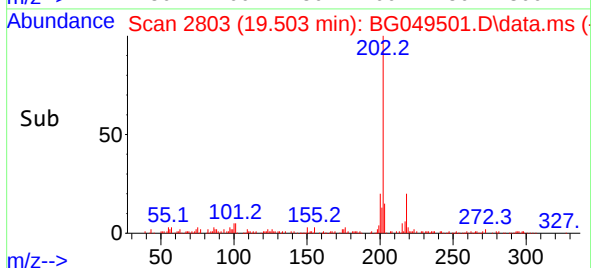
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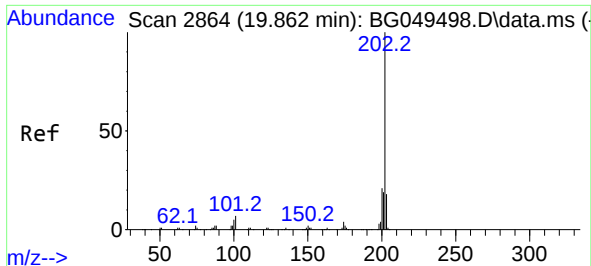


#80
 Fluoranthene
 Concen: 9.086 ng/ul
 RT: 19.503 min Scan# 2803
 Delta R.T. 0.004 min
 Lab File: BG049501.D
 Acq: 27 Jul 2021 10:22

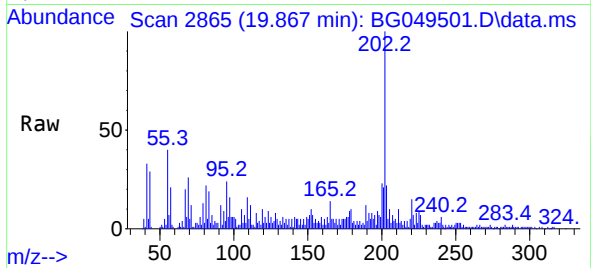


Tgt Ion:202 Resp: 64058
 Ion Ratio Lower Upper
 202 100
 101 7.1 4.3 6.5#
 100 5.0 3.8 5.6

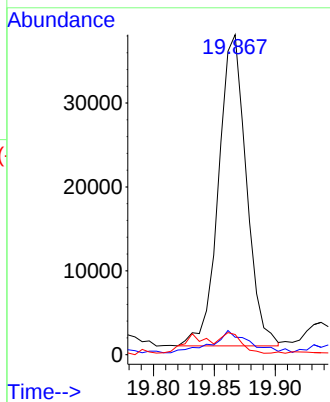
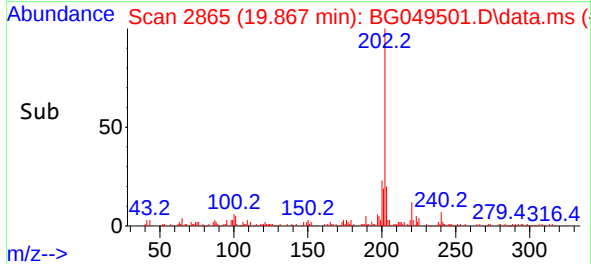




#82
Pyrene
Concen: 8.408 ng/ul
RT: 19.867 min Scan# 2865
Delta R.T. 0.004 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22



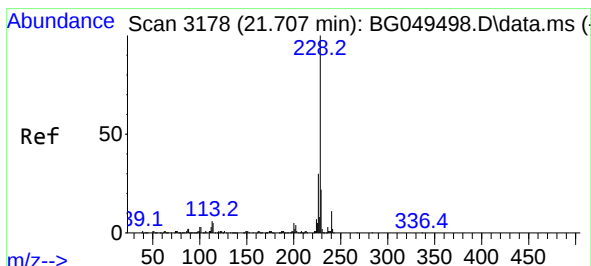
Tgt Ion:202 Resp: 58856
Ion Ratio Lower Upper
202 100
101 5.4 5.3 7.9
100 6.3 4.7 7.1



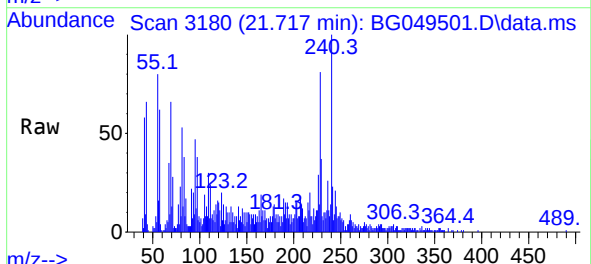
Instrument :
BNA_G
ClientSampled :
C0028

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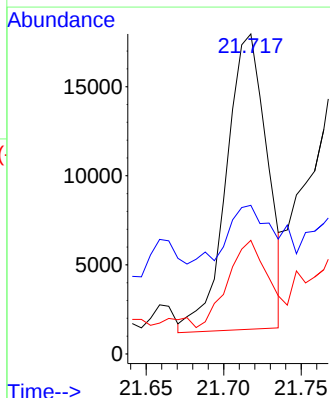
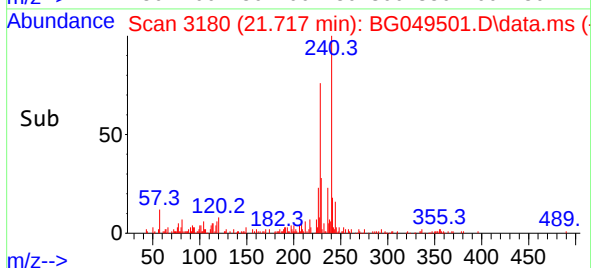
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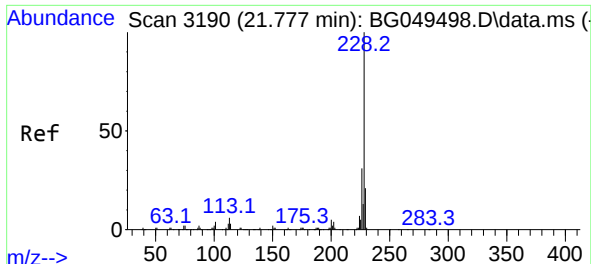


#85
Benzo(a)anthracene
Concen: 4.382 ng/ul
RT: 21.717 min Scan# 3180
Delta R.T. 0.010 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22



Tgt Ion:228 Resp: 30422
Ion Ratio Lower Upper
228 100
229 46.5 15.4 23.2#
226 35.5 21.1 31.7#





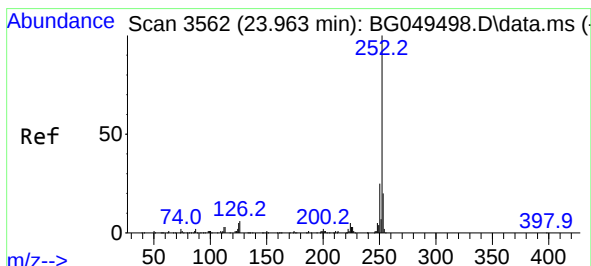
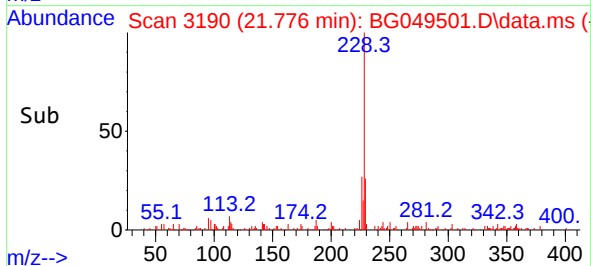
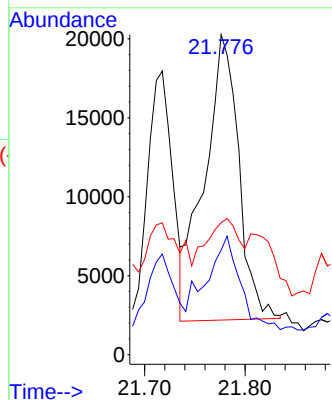
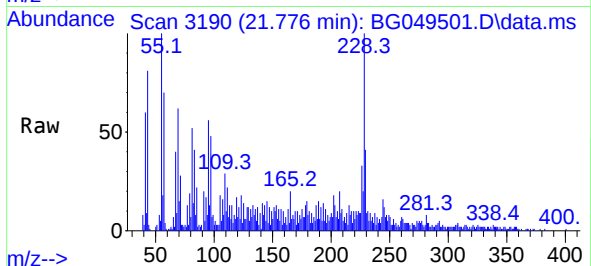
#87
Chrysene
Concen: 6.468 ng/ul
RT: 21.776 min Scan# 3190
Delta R.T. 0.004 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

Tgt Ion:228 Resp: 42979
Ion Ratio Lower Upper
228 100
226 32.7 24.6 37.0
229 41.2 14.9 22.3#

Instrument :
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ClientSampled :
C0028

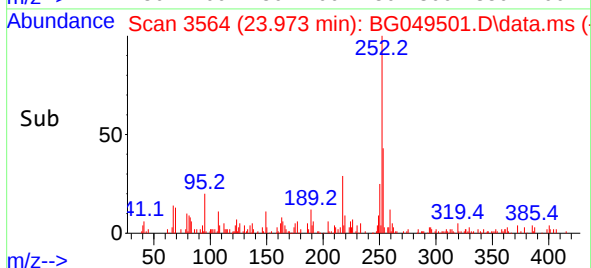
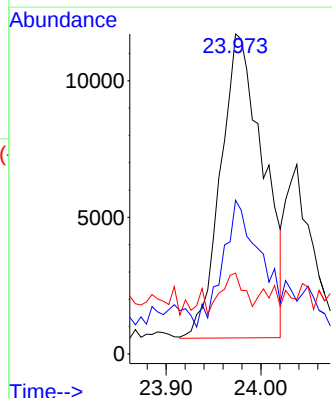
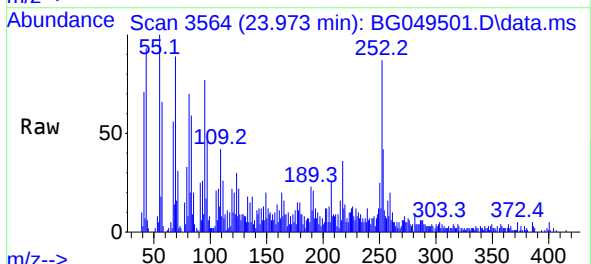
Manual Integrations
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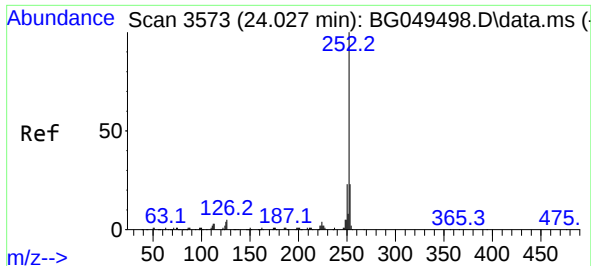
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#90
Benzo(b)fluoranthene
Concen: 4.620 ng/ul
RT: 23.973 min Scan# 3564
Delta R.T. 0.016 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

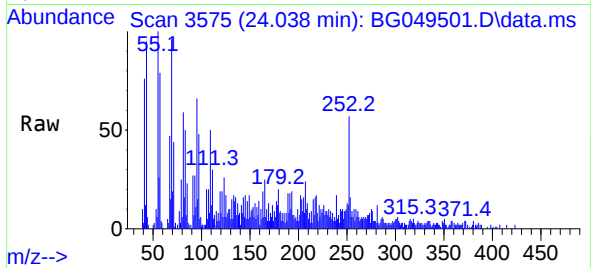
Tgt Ion:252 Resp: 34744
Ion Ratio Lower Upper
252 100
253 48.0 17.1 25.7#
125 25.3 4.5 6.7#





#91
Benzo(k)fluoranthene
Concen: 1.705 ng/ul
RT: 24.038 min Scan# 3575
Delta R.T. 0.016 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

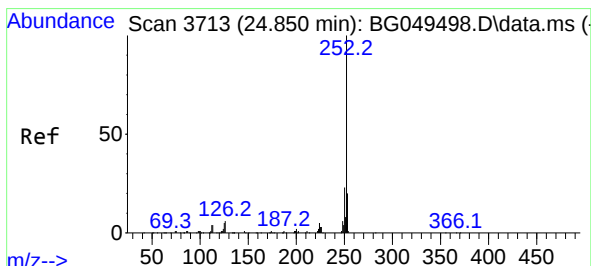
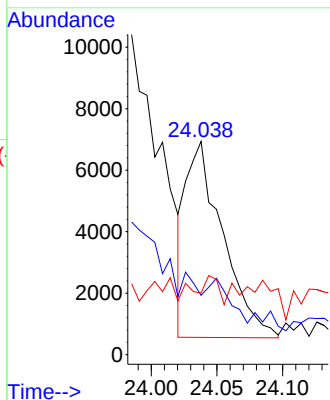
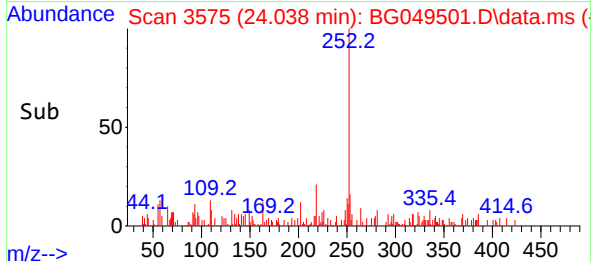
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BNA_G
ClientSampled :
C0028



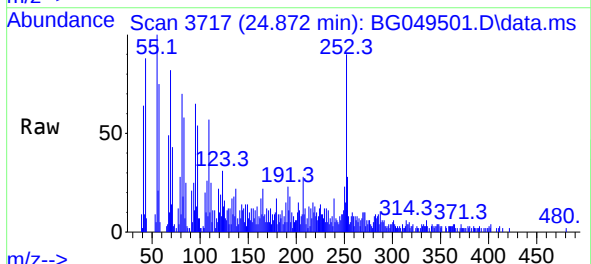
Tgt Ion:252 Resp: 12544
Ion Ratio Lower Upper
252 100
253 27.9 17.3 25.9#
125 28.9 4.6 7.0#

Manual Integrations
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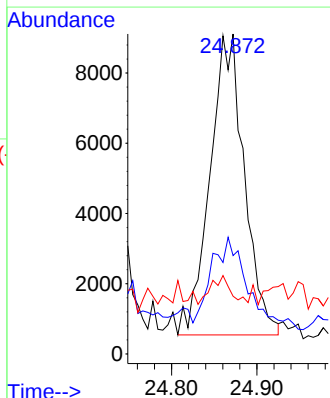
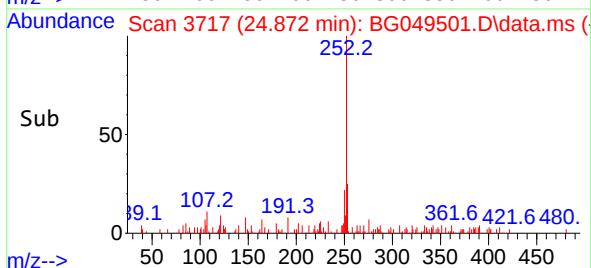
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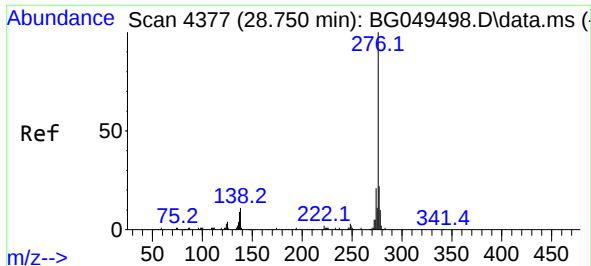


#93
Benzo(a)pyrene
Concen: 3.670 ng/ul
RT: 24.872 min Scan# 3717
Delta R.T. 0.034 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22



Tgt Ion:252 Resp: 23942
Ion Ratio Lower Upper
252 100
253 30.7 16.4 24.6#
125 18.1 4.6 6.8#





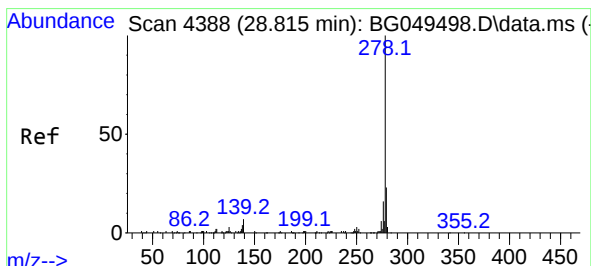
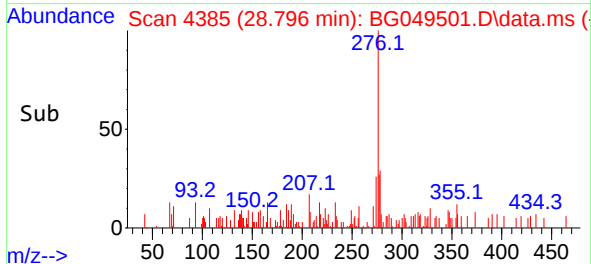
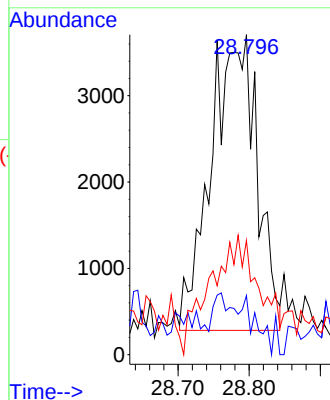
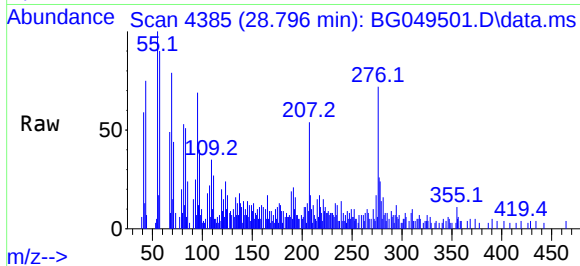
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.856 ng/ul m
RT: 28.796 min Scan# 4385
Delta R.T. 0.057 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

Tgt Ion: 276 Resp: 15447
Ion Ratio Lower Upper
276 100
138 18.5 7.3 10.9#
277 35.7 19.2 28.8#

Instrument :
BNA_G
ClientSampled :
C0028

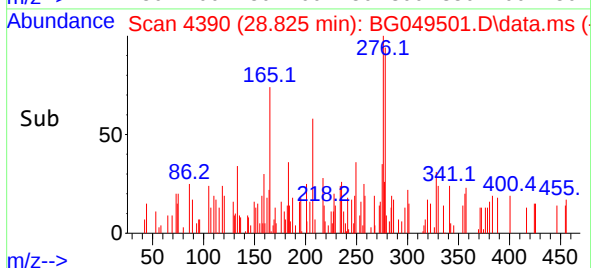
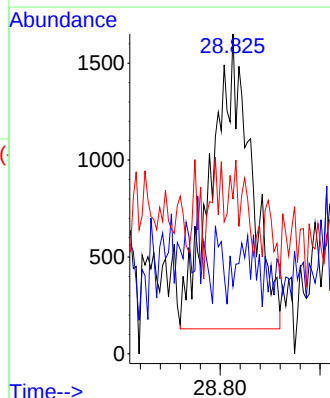
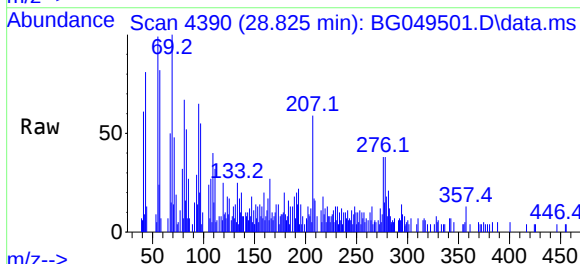
Manual Integrations
APPROVED

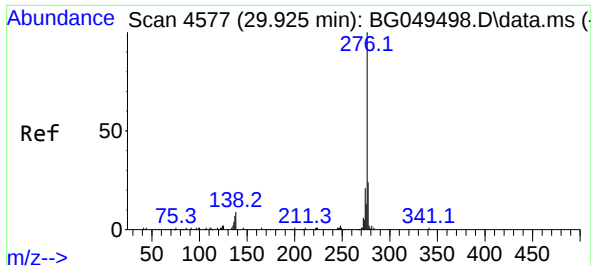
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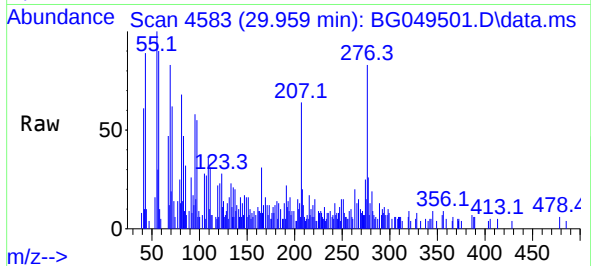
#95
Dibenzo(a,h)anthracene
Concen: 1.203 ng/ul m
RT: 28.825 min Scan# 4390
Delta R.T. 0.028 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22

Tgt Ion: 278 Resp: 8283
Ion Ratio Lower Upper
278 100
139 21.1 6.8 10.2#
279 48.4 19.7 29.5#

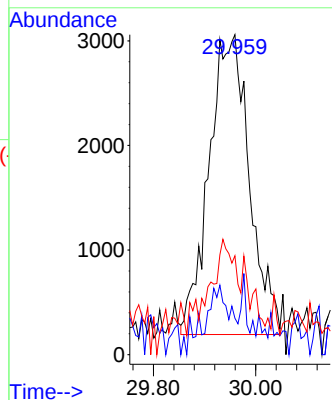
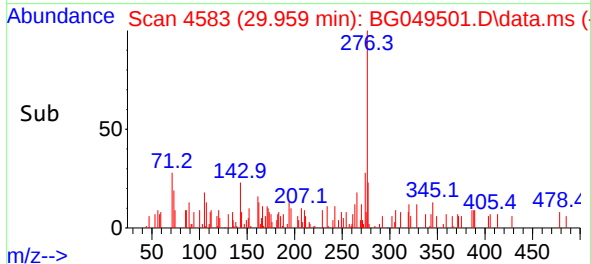




#96
Benzo(g,h,i)perylene
Concen: 2.265 ng/ul m
RT: 29.959 min Scan# 4583
Delta R.T. 0.057 min
Lab File: BG049501.D
Acq: 27 Jul 2021 10:22



Tgt Ion: 276 Resp: 15674
Ion Ratio Lower Upper
276 100
138 11.4 10.8 16.2
277 30.9 20.6 31.0



Instrument :
BNA_G
ClientSampleId :
C0028

Manual Integrations
APPROVED

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