

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0046

Manual Integrations
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mohammad
 7/28/2021 11:29:55 AM

Quant Time: Jul 28 04:37:27 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	8.050	152	22016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	98671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	72166	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	163081	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	144722	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	151519	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	1161	2.413	ng/uL	0.00
4) Pyridine-d5	3.867	84	11328m	8.196	ng/ul	0.01
7) Phenol-d5	7.204	99	29342	15.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	17006	15.415	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	22497	16.112	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	21548	14.676	ng/ul	0.00
21) Nitrobenzene-d5	9.219	128	11748	15.486	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	13446	15.125	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	22828	14.119	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	27586	12.242	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	87112	15.758	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	103014	16.044	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	11494	12.626	ng/ul	0.00
60) Fluorene-d10	15.692	176	78551	16.494	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	11436	11.316	ng/ul	0.00
73) Anthracene-d10	17.549	188	119151	15.720	ng/ul	0.00
81) Pyrene-d10	19.834	212	130742	17.668	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	124017	15.573	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.922	128	8286	1.630	ng/ul	97
36) 2-Methylnaphthalene	12.526	142	10147	2.728	ng/ul	94
37) 1-Methylnaphthalene	12.749	142	5597	1.489	ng/ul#	86
72) Phenanthrene	17.490	178	29266m	3.447	ng/ul	
80) Fluoranthene	19.499	202	62343	6.938	ng/ul	99
82) Pyrene	19.863	202	42715	4.788	ng/ul#	97
85) Benzo(a)anthracene	21.708	228	24640m	2.785	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.602	149	5899	1.144	ng/ul#	91
87) Chrysene	21.778	228	32264	3.810	ng/ul	92
90) Benzo(b)fluoranthene	23.963	252	36872	3.883	ng/ul#	91
91) Benzo(k)fluoranthene	24.022	252	13515m	1.454	ng/ul	
93) Benzo(a)pyrene	24.850	252	14481m	1.758	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.739	276	13293m	1.265	ng/ul	
96) Benzo(g,h,i)perylene	29.914	276	10452m	1.196	ng/ul	

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

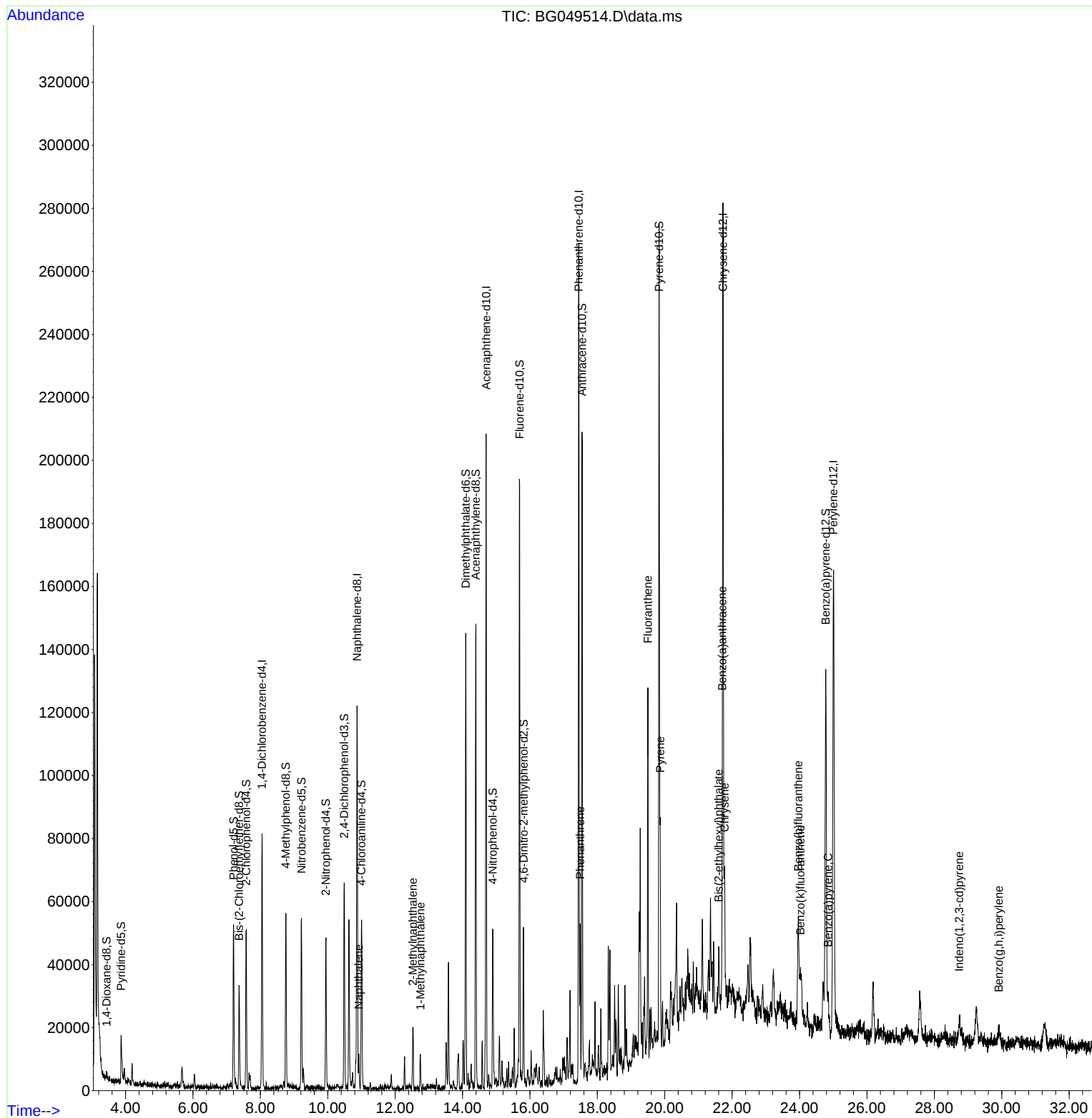
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Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

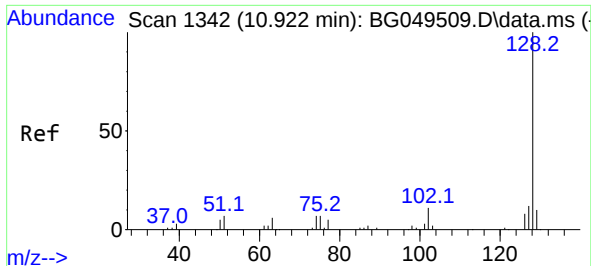
Instrument :
BNA_G
ClientSampleId :
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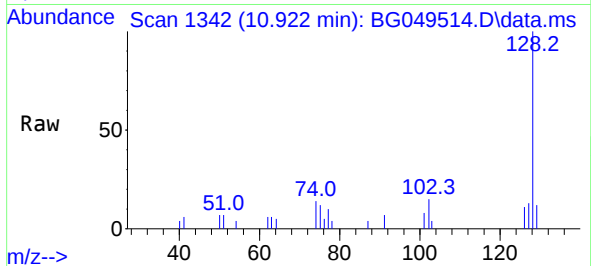
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.630 ng/ul
RT: 10.922 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

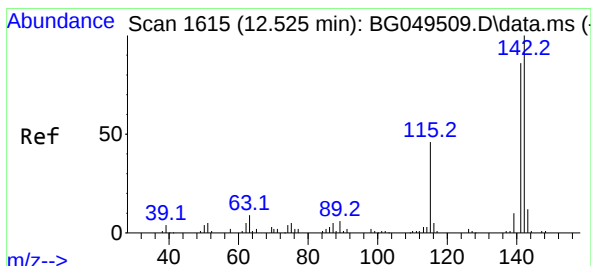
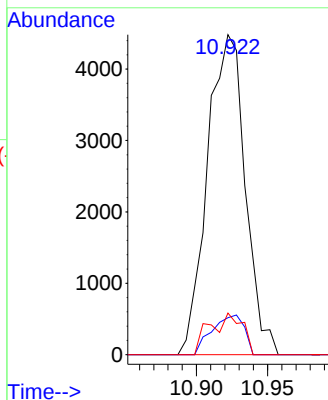
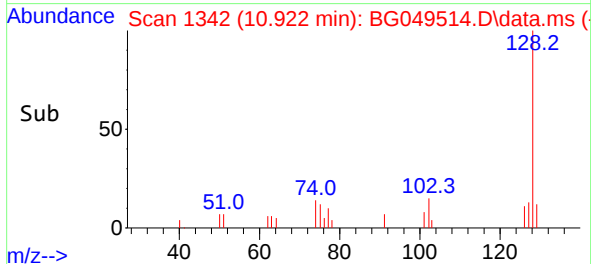
Instrument :
BNA_G
ClientSampleId :
C0046



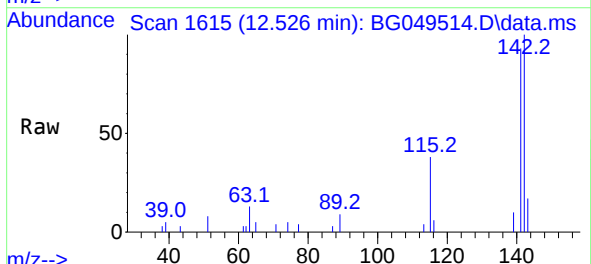
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Ion Ratio Lower Upper
128 100
129 11.6 7.8 11.8
127 13.0 11.0 16.6

Manual Integrations
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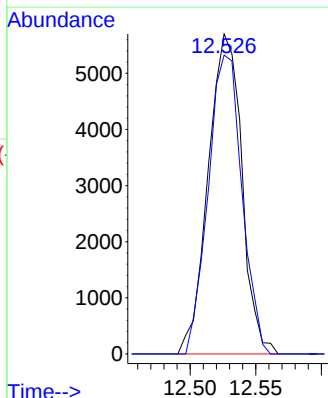
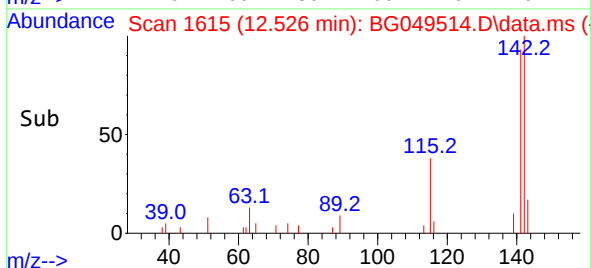
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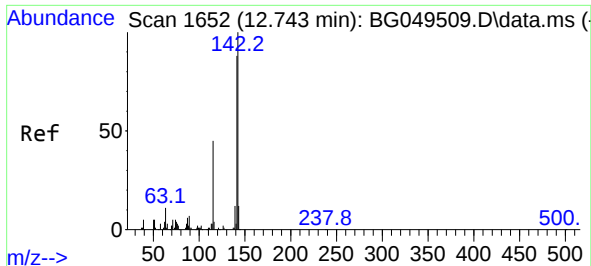


#36
2-Methylnaphthalene
Concen: 2.728 ng/ul
RT: 12.526 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22



Tgt Ion:142 Resp: 10147
Ion Ratio Lower Upper
142 100
141 93.4 69.9 104.9





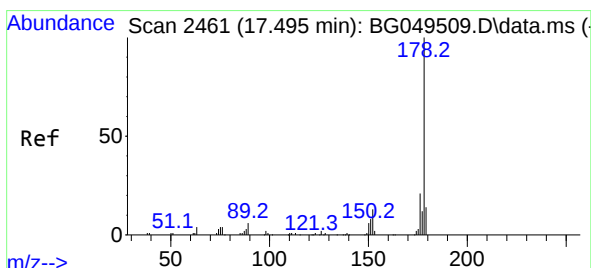
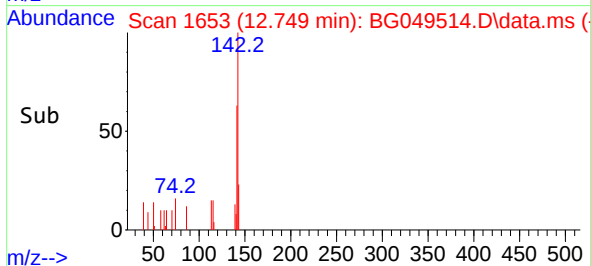
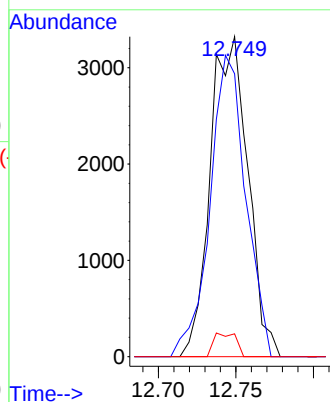
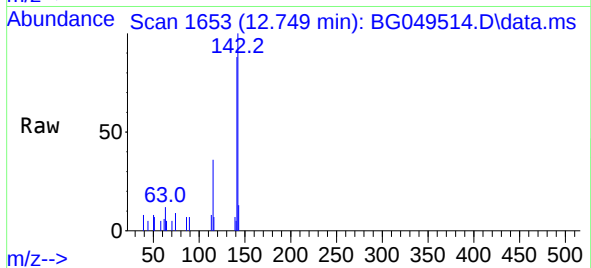
#37
1-Methylnaphthalene
Concen: 1.489 ng/ul
RT: 12.749 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:142 Resp: 5597
Ion Ratio Lower Upper
142 100
141 88.4 82.1 123.1
116 7.1 3.8 5.6#

Instrument :
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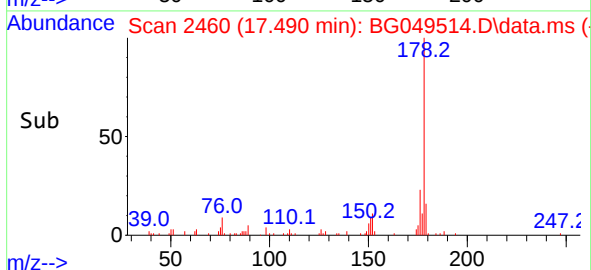
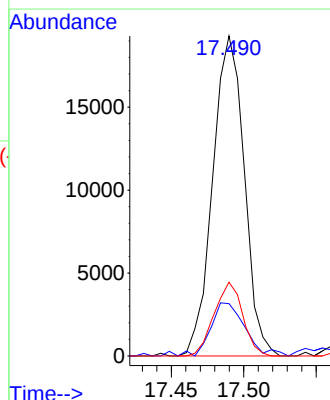
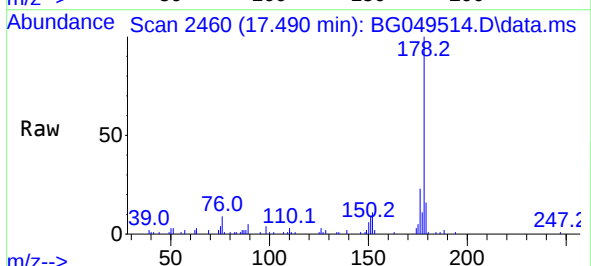
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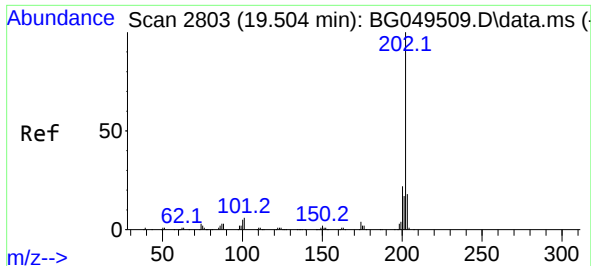
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#72
Phenanthrene
Concen: 3.447 ng/ul m
RT: 17.490 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:178 Resp: 29266
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 23.1 15.0 22.6#





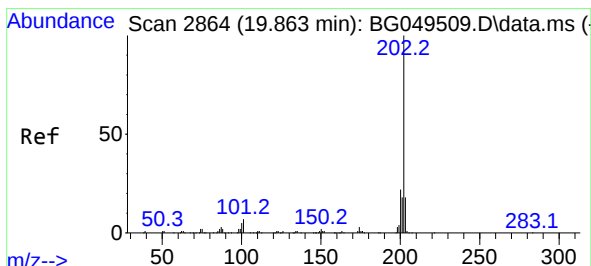
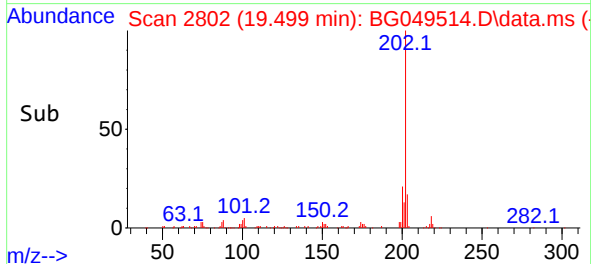
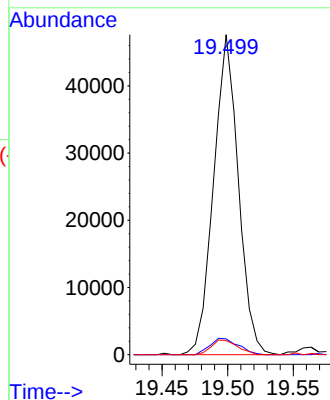
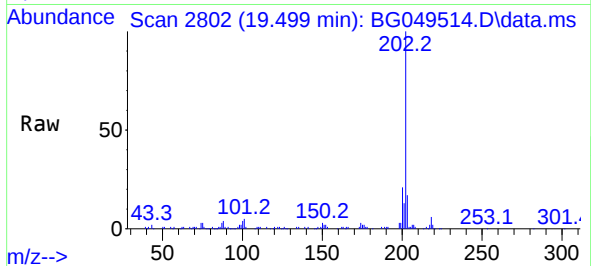
#80
Fluoranthene
Concen: 6.938 ng/ul
RT: 19.499 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:	202	Resp:	62343
Ion Ratio	Lower	Upper	
202	100		
101	5.0	4.3	6.5
100	4.4	3.8	5.6

Instrument :
BNA_G
ClientSampled :
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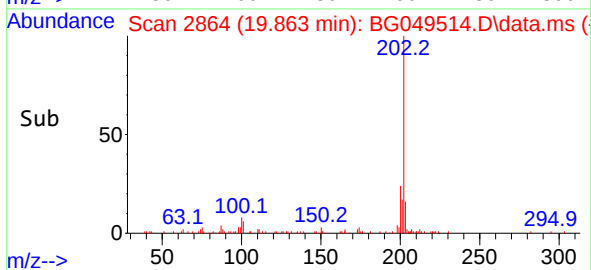
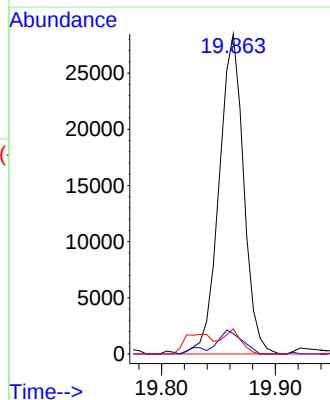
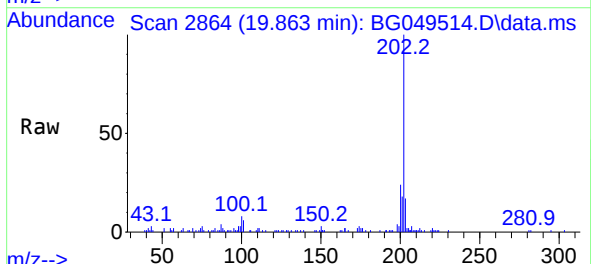
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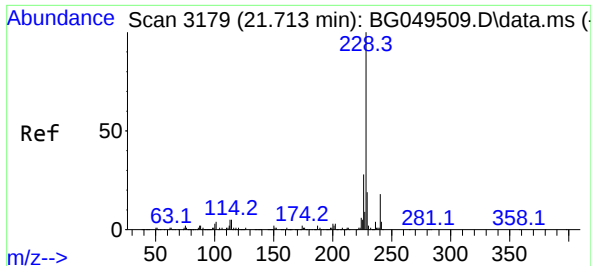
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#82
Pyrene
Concen: 4.788 ng/ul
RT: 19.863 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:	202	Resp:	42715
Ion Ratio	Lower	Upper	
202	100		
101	6.3	5.3	7.9
100	7.8	4.7	7.1#





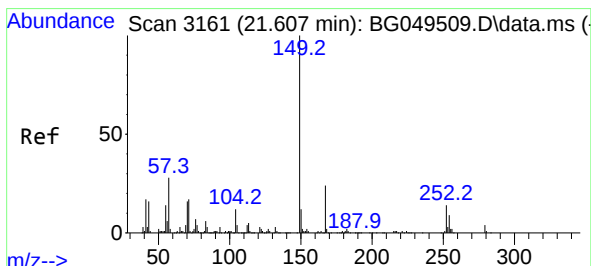
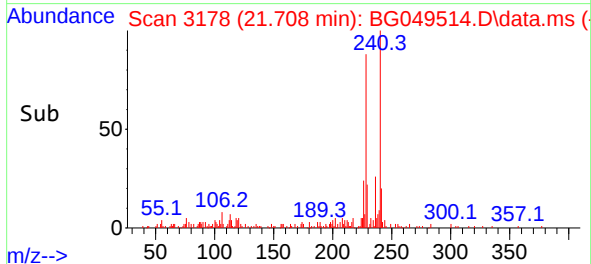
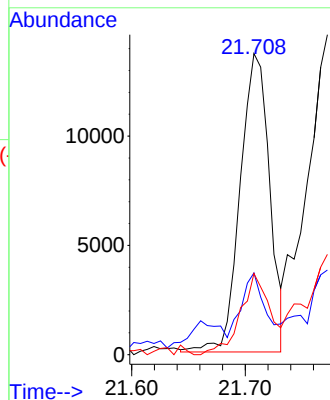
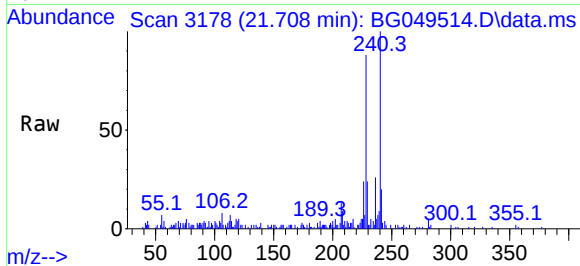
#85
Benzo(a)anthracene
Concen: 2.785 ng/ul m
RT: 21.708 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:228 Resp: 24640
Ion Ratio Lower Upper
228 100
229 27.1 15.4 23.2#
226 27.0 21.1 31.7

Instrument :
BNA_G
ClientSampled :
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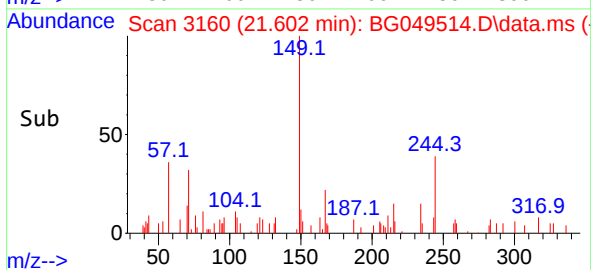
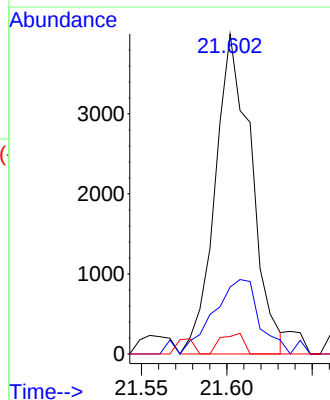
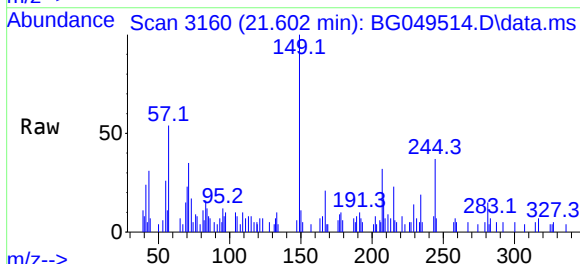
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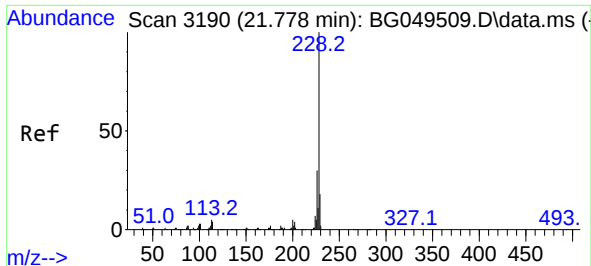
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.144 ng/ul
RT: 21.602 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:149 Resp: 5899
Ion Ratio Lower Upper
149 100
167 20.9 20.9 31.3
279 5.5 3.6 5.4#





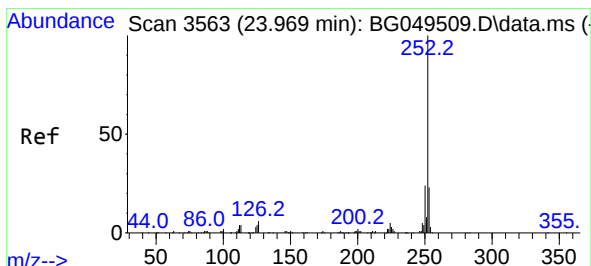
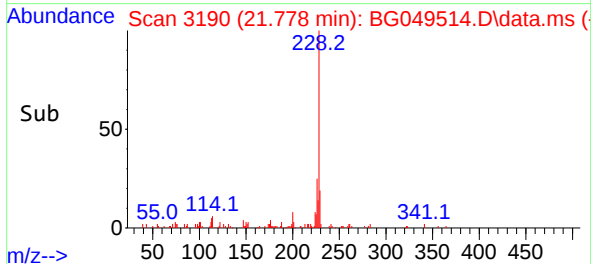
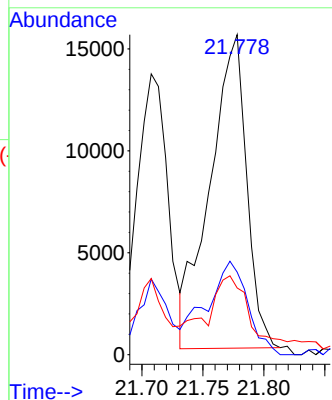
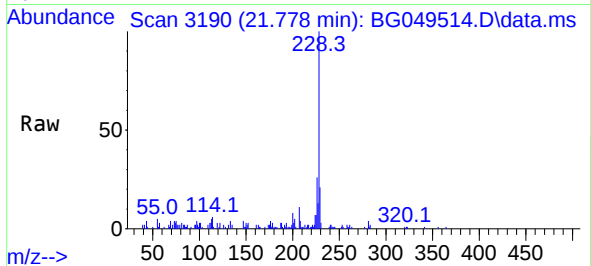
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Chrysene
Concen: 3.810 ng/u1
RT: 21.778 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:228	Resp:	32264
Ion Ratio	Lower	Upper
228	100	
226	25.8	24.6 37.0
229	20.8	14.9 22.3

Instrument :
BNA_G
ClientSampled :
C0046

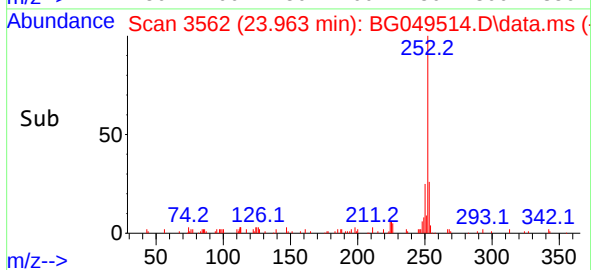
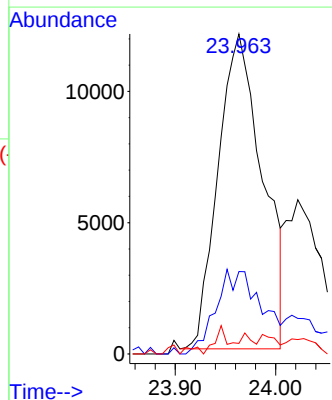
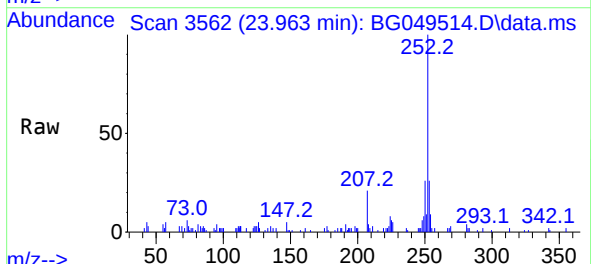
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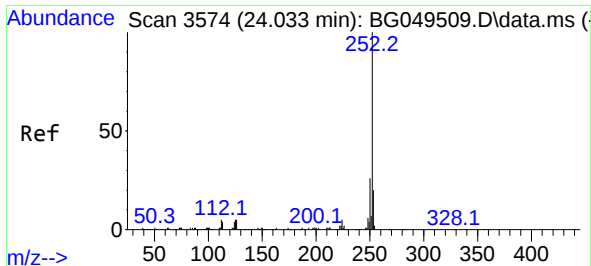
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#90
Benzo(b)fluoranthene
Concen: 3.883 ng/u1
RT: 23.963 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:252	Resp:	36872
Ion Ratio	Lower	Upper
252	100	
253	25.8	17.1 25.7#
125	3.3	4.5 6.7#





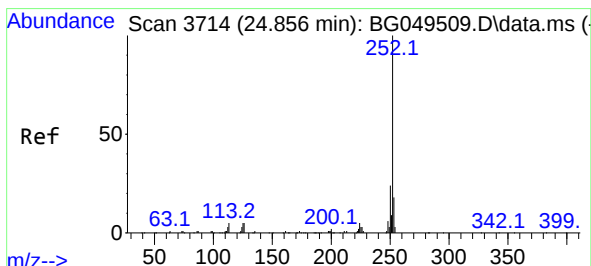
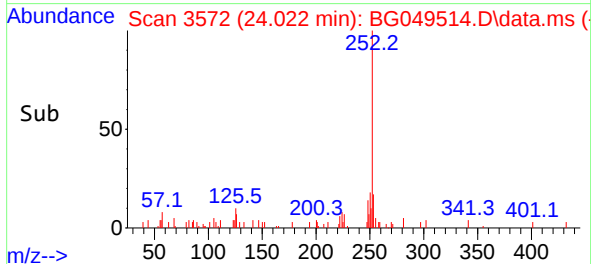
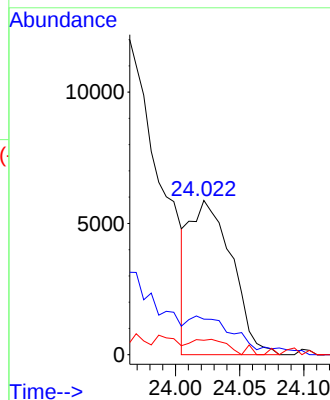
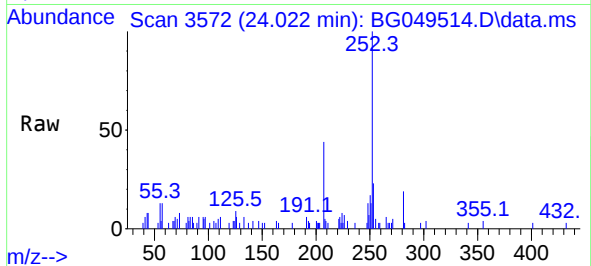
#91
Benzo(k)fluoranthene
Concen: 1.454 ng/ul m
RT: 24.022 min Scan# 3572
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

Tgt Ion:252 Resp: 13515
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.3 4.6 7.0#

Instrument :
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ClientSampled :
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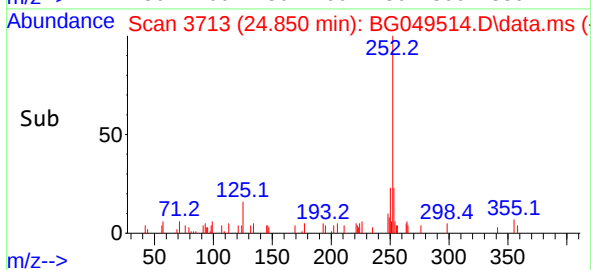
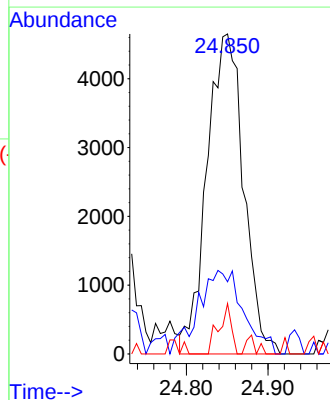
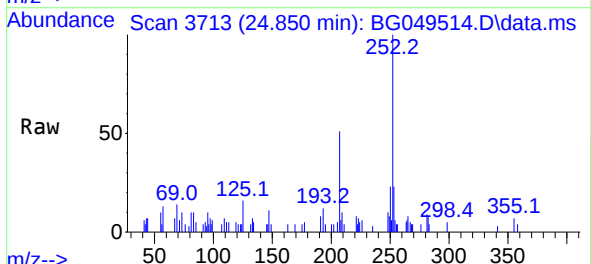
Manual Integrations
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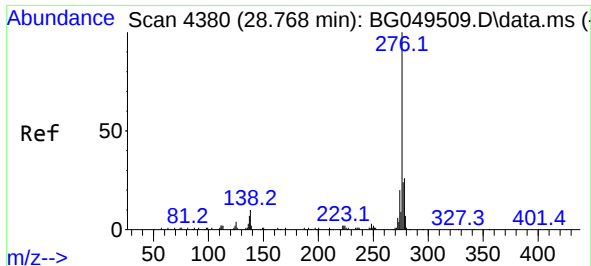
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#93
Benzo(a)pyrene
Concen: 1.758 ng/ul m
RT: 24.850 min Scan# 3713
Delta R.T. 0.012 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

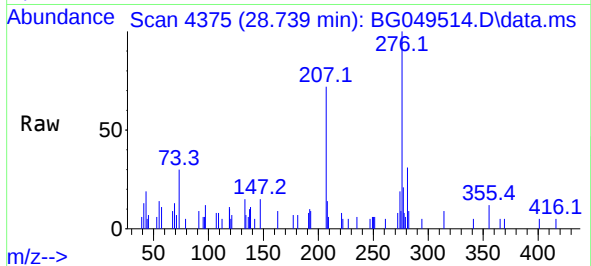
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Ion Ratio Lower Upper
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253 22.5 16.4 24.6
125 15.7 4.6 6.8#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.265 ng/ul m
RT: 28.739 min Scan# 4375
Delta R.T. 0.000 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22

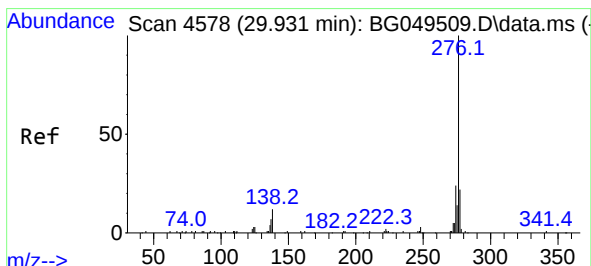
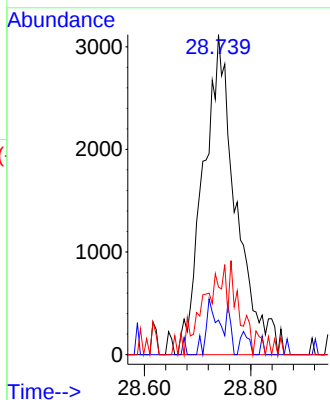
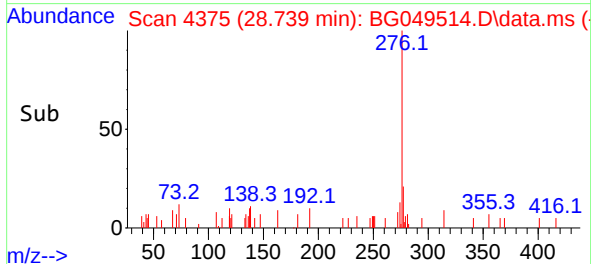
Instrument :
BNA_G
ClientSampleId :
C0046



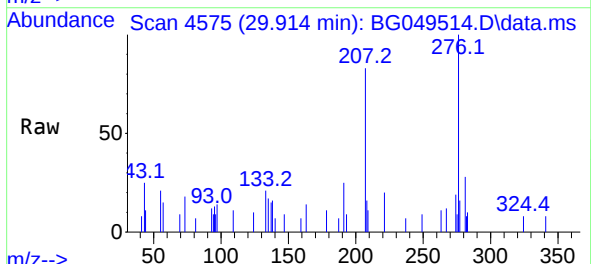
Tgt Ion:276 Resp: 13293
Ion Ratio Lower Upper
276 100
138 10.8 7.3 10.9
277 21.1 19.2 28.8

Manual Integrations
APPROVED

mohammad
7/28/2021 11:29:55 AM



#96
Benzo(g,h,i)perylene
Concen: 1.196 ng/ul m
RT: 29.914 min Scan# 4575
Delta R.T. 0.012 min
Lab File: BG049514.D
Acq: 27 Jul 2021 19:22



Tgt Ion:276 Resp: 10452
Ion Ratio Lower Upper
276 100
138 16.3 10.8 16.2#
277 15.6 20.6 31.0#

