

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049504.D
 Acq On : 27 Jul 2021 12:25
 Operator : CG/JU
 Sample : M3084-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0023

Manual Integrations
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Quant Time: Jul 27 13:23:47 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	8.051	152	23251	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	100927	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	74176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	161291m	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	142414	20.000	ng/ul	0.00
88) Perylene-d12	25.005	264	149111	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	1231	2.422	ng/uL	0.00
4) Pyridine-d5	3.869	84	11001m	7.536	ng/ul	0.01
7) Phenol-d5	7.206	99	27331	13.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.370	67	16783	14.405	ng/ul	0.00
11) 2-Chlorophenol-d4	7.582	132	21682	14.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	19854	12.804	ng/ul	0.00
21) Nitrobenzene-d5	9.220	128	11655	15.020	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	13555	14.907	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	23892	14.447	ng/ul	0.00
31) 4-Chloroaniline-d4	11.006	131	27631	11.988	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	89427	15.739	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	106174	16.088	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	10500	11.221	ng/ul	0.00
60) Fluorene-d10	15.688	176	82184	16.789	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	9492m	9.497	ng/ul	0.00
73) Anthracene-d10	17.545	188	126145	16.828	ng/ul	0.00
81) Pyrene-d10	19.830	212	143724	19.737	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	133574	17.044	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.492	178	17666m	2.104	ng/ul	
80) Fluoranthene	19.501	202	54798	6.197	ng/ul#	98
82) Pyrene	19.859	202	45934	5.232	ng/ul#	91
85) Benzo(a)anthracene	21.709	228	27599	3.170	ng/ul	96
87) Chrysene	21.774	228	26557m	3.187	ng/ul	
90) Benzo(b)fluoranthene	23.959	252	38719	4.143	ng/ul	96
91) Benzo(k)fluoranthene	24.018	252	13023m	1.424	ng/ul	
93) Benzo(a)pyrene	24.846	252	24458m	3.017	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.735	276	18543m	1.792	ng/ul	
96) Benzo(g,h,i)perylene	29.910	276	15209m	1.768	ng/ul	

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

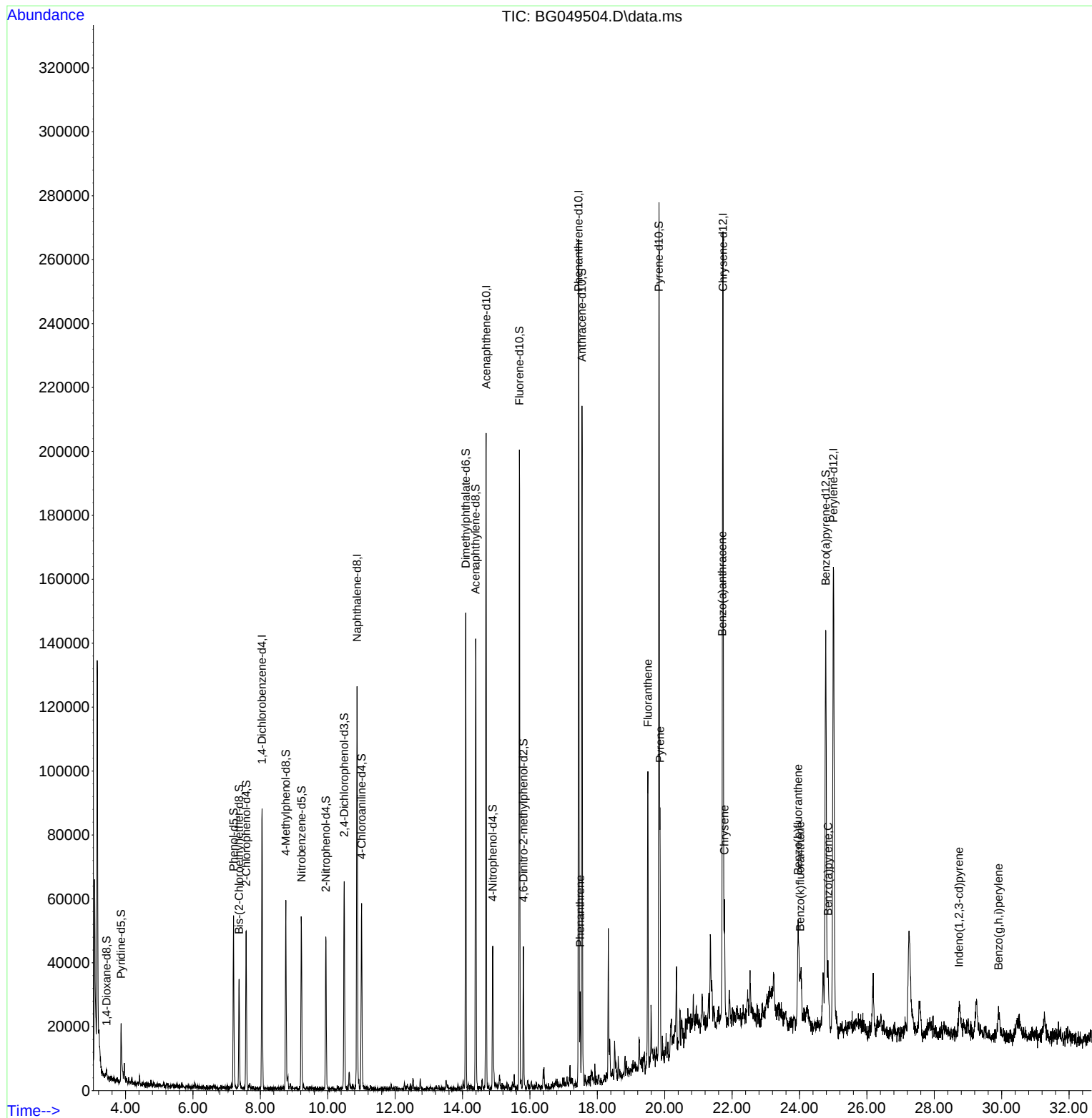
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049504.D
Acq On : 27 Jul 2021 12:25
Operator : CG/JU
Sample : M3084-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

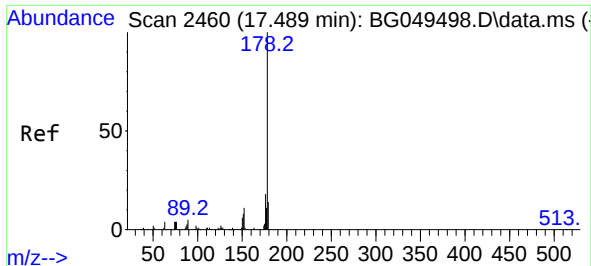
Instrument :
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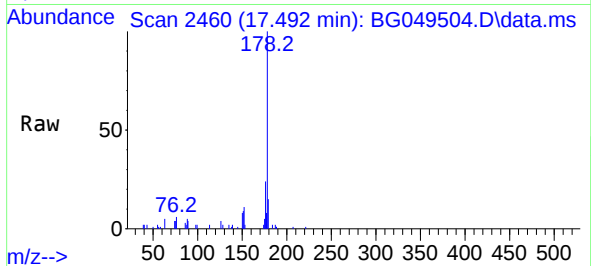
Quant Time: Jul 27 13:23:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.104 ng/ul m
RT: 17.492 min Scan# 2460
Delta R.T. 0.002 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25

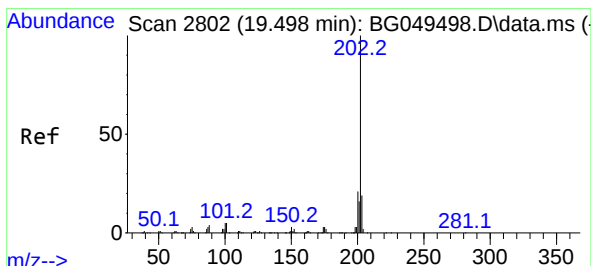
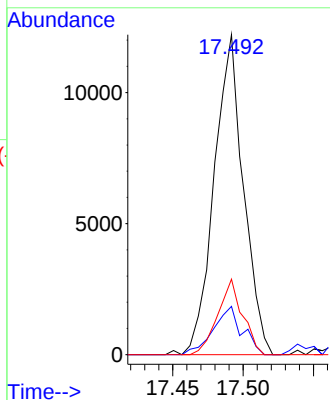
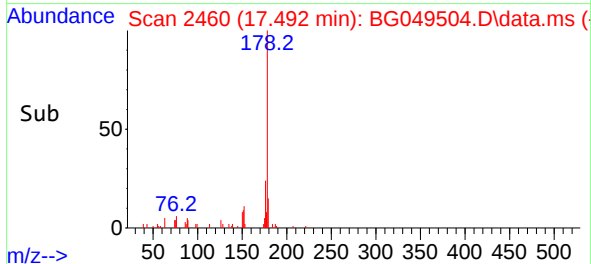
Instrument :
BNA_G
ClientSampled :
C0023



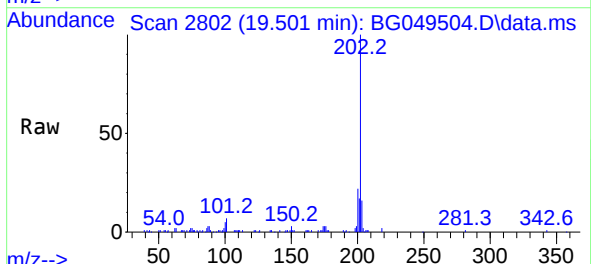
Tgt Ion:178 Resp: 17666
Ion Ratio Lower Upper
178 100
179 15.1 13.2 19.8
176 23.6 15.0 22.6#

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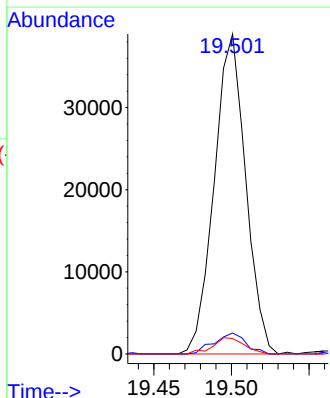
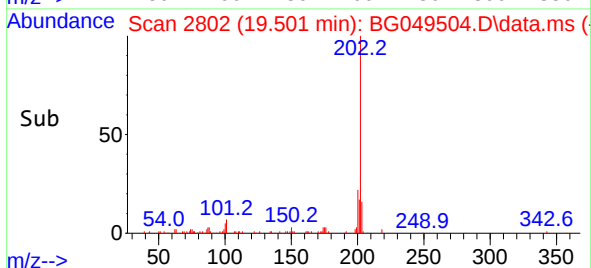
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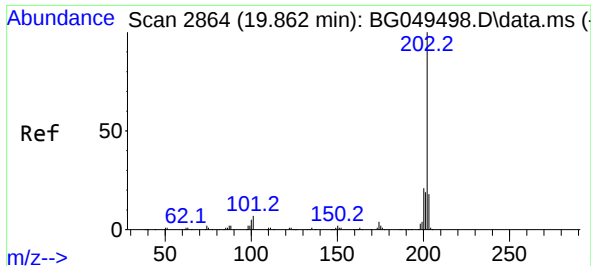


#80
Fluoranthene
Concen: 6.197 ng/ul
RT: 19.501 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25



Tgt Ion:202 Resp: 54798
Ion Ratio Lower Upper
202 100
101 6.6 4.3 6.5#
100 4.8 3.8 5.6





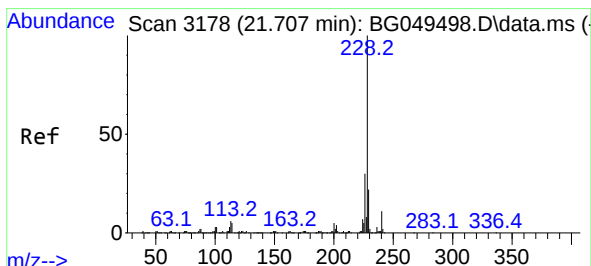
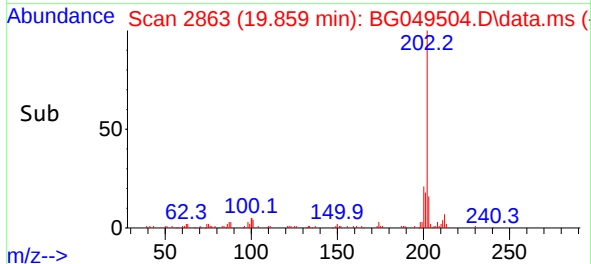
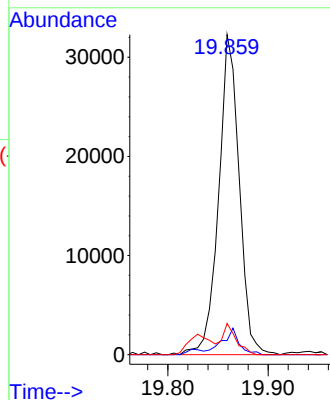
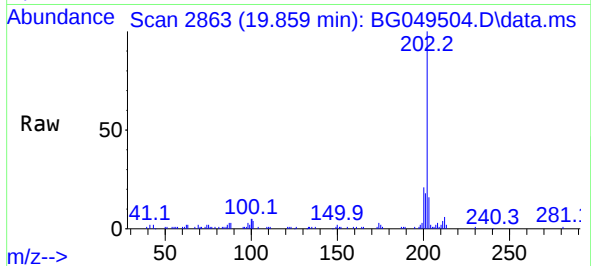
#82
Pyrene
Concen: 5.232 ng/u1
RT: 19.859 min Scan# 2863
Delta R.T. -0.004 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25

Tgt Ion:202 Resp: 45934
Ion Ratio Lower Upper
202 100
101 4.4 5.3 7.9#
100 9.7 4.7 7.1#

Instrument :
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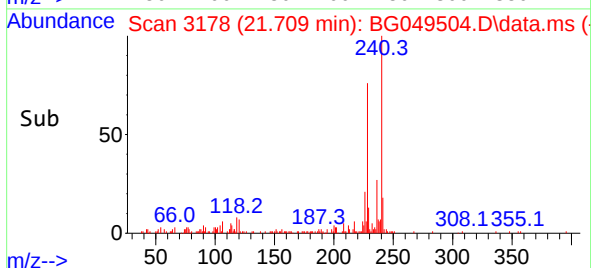
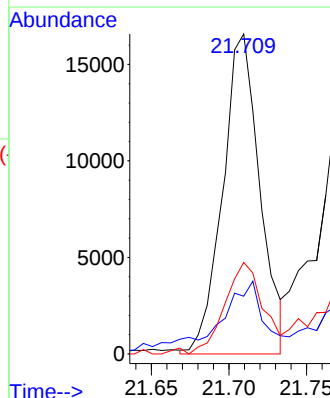
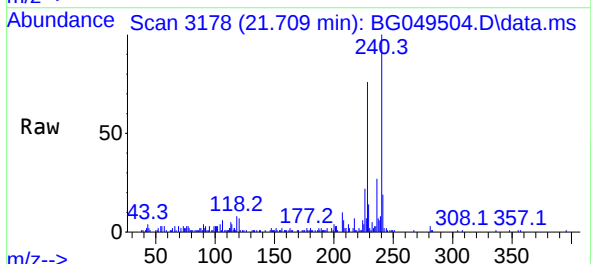
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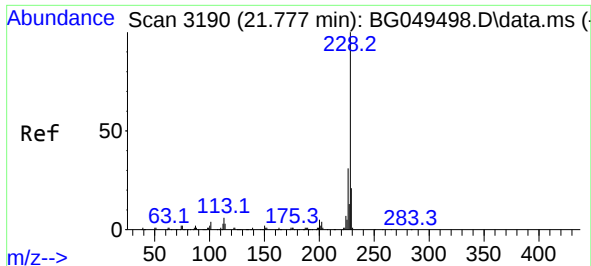
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#85
Benzo(a)anthracene
Concen: 3.170 ng/u1
RT: 21.709 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25

Tgt Ion:228 Resp: 27599
Ion Ratio Lower Upper
228 100
229 18.0 15.4 23.2
226 28.6 21.1 31.7





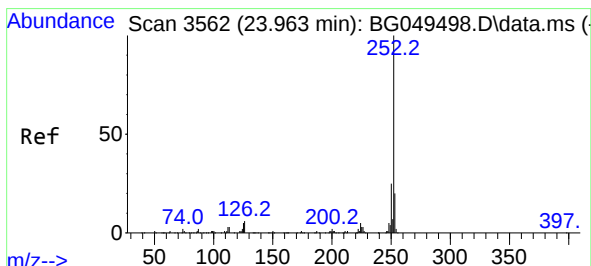
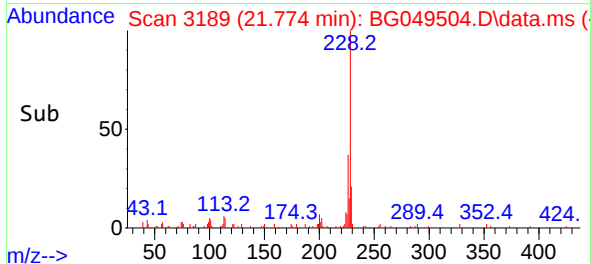
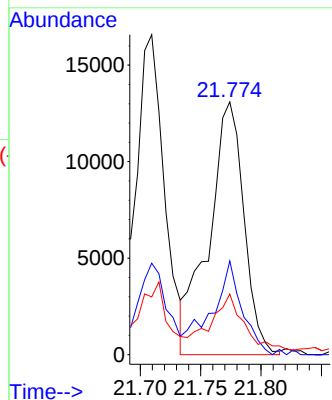
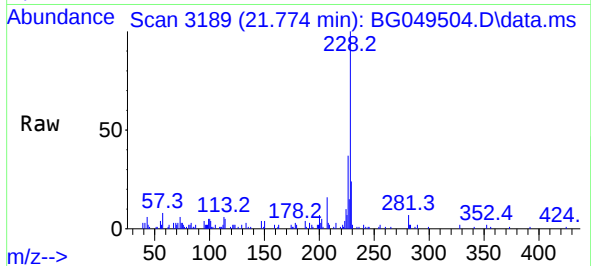
#87
Chrysene
Concen: 3.187 ng/ul m
RT: 21.774 min Scan# 3189
Delta R.T. 0.002 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25

Tgt Ion:	228	Resp:	26557
Ion Ratio	Lower	Upper	
228	100		
226	37.1	24.6	37.0#
229	24.0	14.9	22.3#

Instrument :
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ClientSampled :
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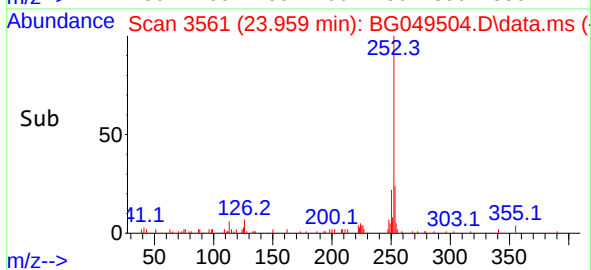
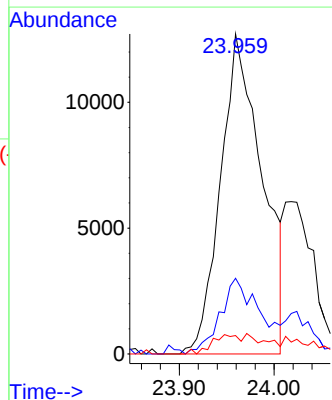
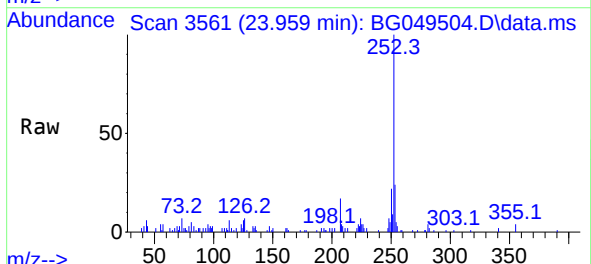
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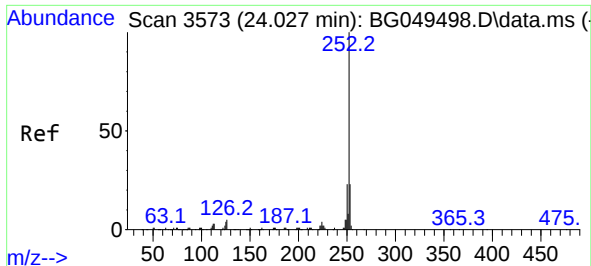
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#90
Benzo(b)fluoranthene
Concen: 4.143 ng/ul
RT: 23.959 min Scan# 3561
Delta R.T. 0.002 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25

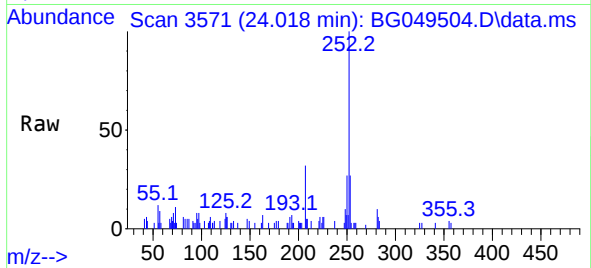
Tgt Ion:	252	Resp:	38719
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	5.7	4.5	6.7





#91
Benzo(k)fluoranthene
Concen: 1.424 ng/ul m
RT: 24.018 min Scan# 3571
Delta R.T. -0.004 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25

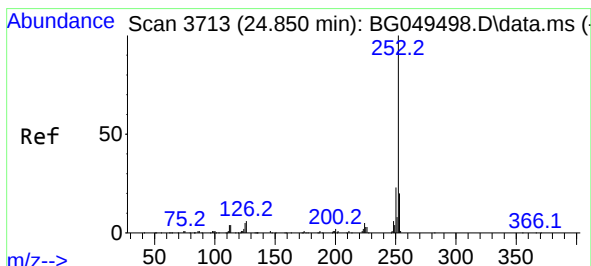
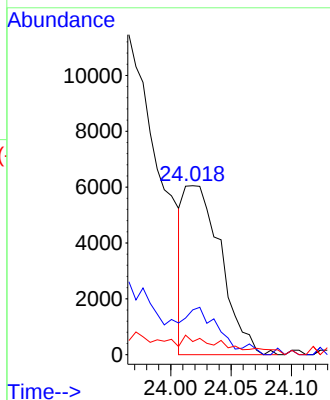
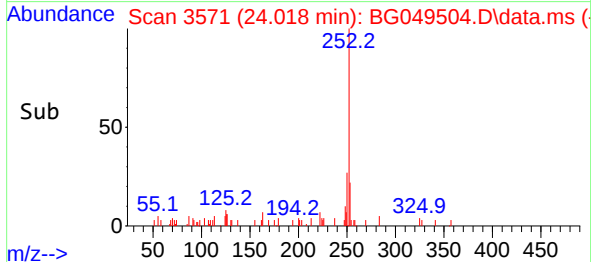
Instrument :
BNA_G
ClientSampled :
C0023



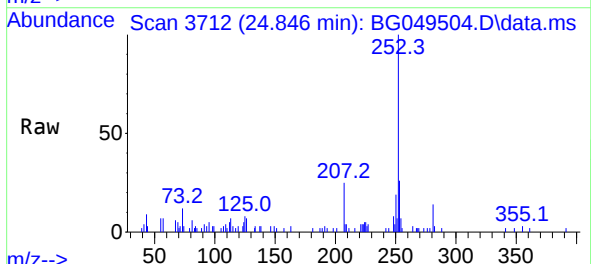
Tgt Ion:252 Resp: 13023
Ion Ratio Lower Upper
252 100
253 26.6 17.3 25.9#
125 7.8 4.6 7.0#

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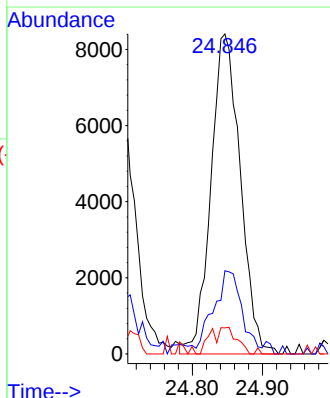
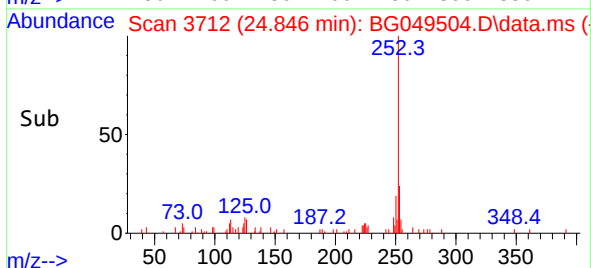
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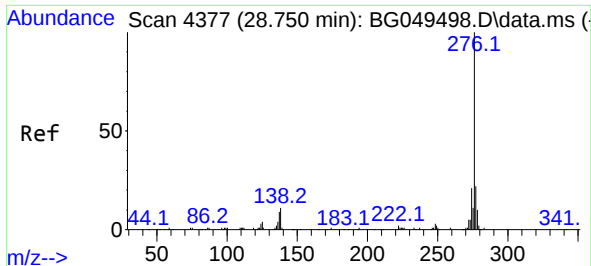


#93
Benzo(a)pyrene
Concen: 3.017 ng/ul m
RT: 24.846 min Scan# 3712
Delta R.T. 0.008 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25



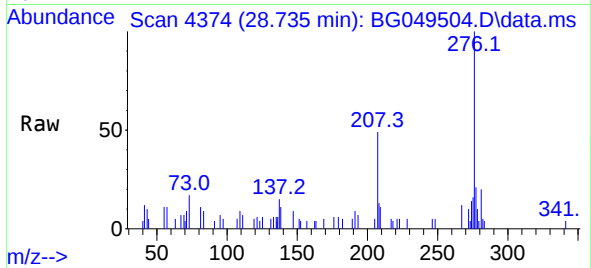
Tgt Ion:252 Resp: 24458
Ion Ratio Lower Upper
252 100
253 26.0 16.4 24.6#
125 8.1 4.6 6.8#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.792 ng/ul m
RT: 28.735 min Scan# 4374
Delta R.T. -0.004 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25

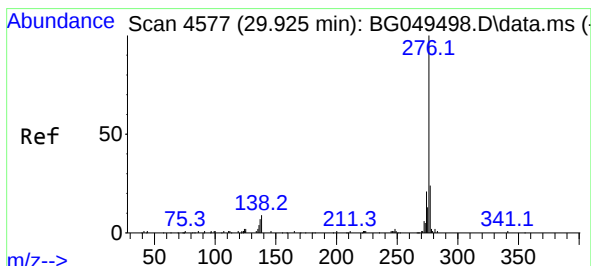
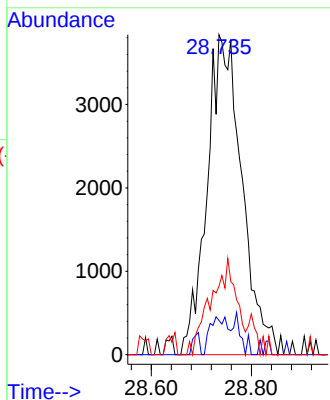
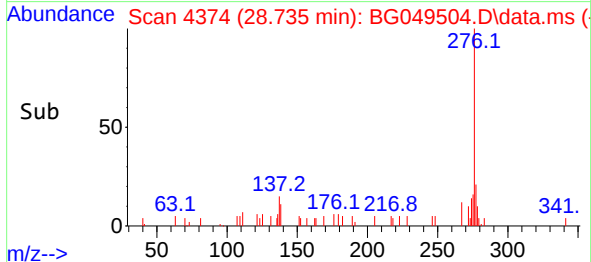
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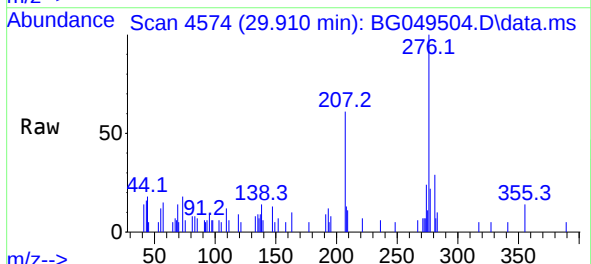
Tgt Ion:276 Resp: 18543
Ion Ratio Lower Upper
276 100
138 10.7 7.3 10.9
277 21.4 19.2 28.8

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.768 ng/ul m
RT: 29.910 min Scan# 4574
Delta R.T. 0.008 min
Lab File: BG049504.D
Acq: 27 Jul 2021 12:25



Tgt Ion:276 Resp: 15209
Ion Ratio Lower Upper
276 100
138 14.4 10.8 16.2
277 22.2 20.6 31.0

