

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
 Data File : BG049534.D
 Acq On : 28 Jul 2021 15:43
 Operator : CG/JU
 Sample : M3106-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGD08

Manual Integrations
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 7/29/2021 1:42:02 PM

Quant Time: Jul 28 16:22:24 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	22027	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	94055	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	66686	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	146271	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	127199	20.000	ng/ul	0.00
88) Perylene-d12	25.005	264	134370	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	1396	2.899	ng/uL	0.00
4) Pyridine-d5	3.869	84	10740m	7.766	ng/ul	0.01
7) Phenol-d5	7.205	99	27183	13.948	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	16494	14.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	21087	15.095	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	22046	15.008	ng/ul	0.00
21) Nitrobenzene-d5	9.220	128	12037	16.646	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	12725	15.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	22037	14.299	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	27861	12.971	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	79881	15.638	ng/ul	0.00
49) Acenaphthylene-d8	14.396	160	93221	15.712	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	8041	9.559	ng/ul	0.00
60) Fluorene-d10	15.694	176	69789	15.858	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	6420	7.083	ng/ul	0.00
73) Anthracene-d10	17.550	188	107495	15.812	ng/ul	0.00
81) Pyrene-d10	19.835	212	113981	17.524	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.782	264	97793	13.847	ng/ul	0.01
Target Compounds						
					Qvalue	
80) Fluoranthene	19.500	202	37627	4.764	ng/ul#	97
82) Pyrene	19.865	202	29382	3.747	ng/ul	99
85) Benzo(a)anthracene	21.715	228	22949	2.951	ng/ul	93
87) Chrysene	21.780	228	17699	2.378	ng/ul	95
90) Benzo(b)fluoranthene	23.965	252	23520	2.793	ng/ul#	71
93) Benzo(a)pyrene	24.858	252	14555	1.992	ng/ul	96

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

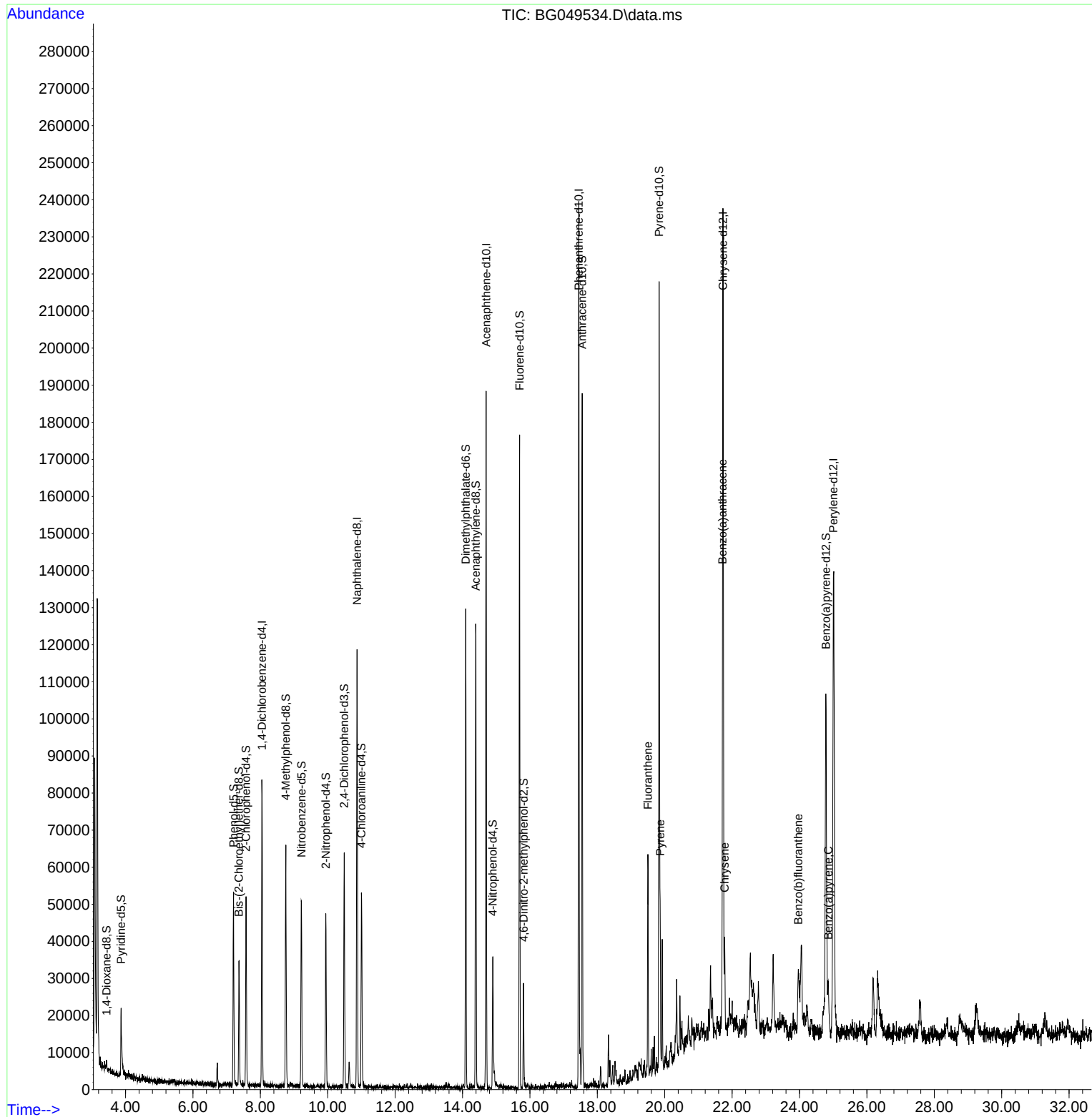
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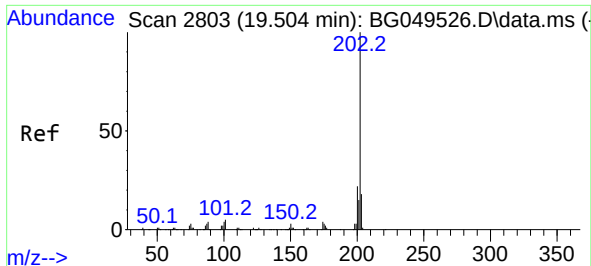
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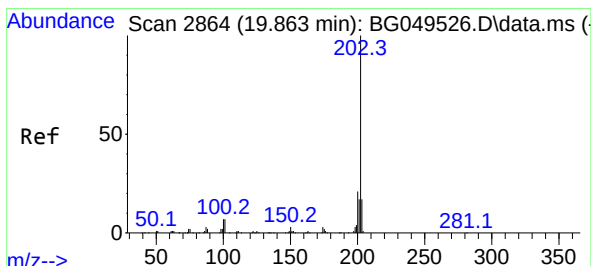
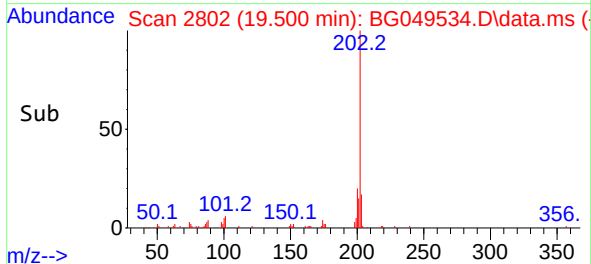
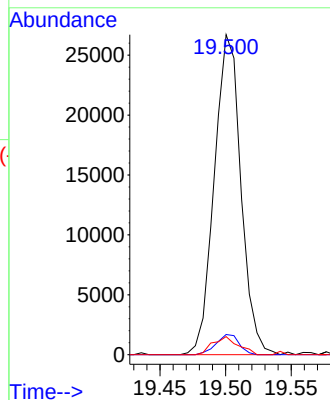
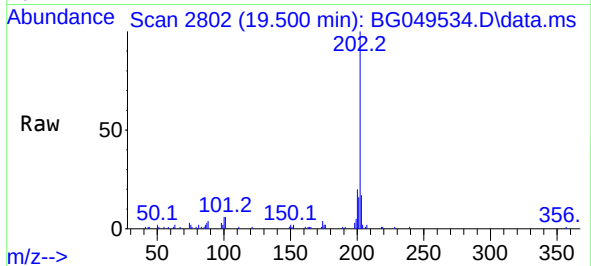
#80
Fluoranthene
Concen: 4.764 ng/ul
RT: 19.500 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049534.D
Acq: 28 Jul 2021 15:43

Tgt Ion:202 Resp: 37627
Ion Ratio Lower Upper
202 100
101 6.3 4.3 6.5
100 5.7 3.8 5.6#

Instrument :
BNA_G
ClientSampled :
BGD08

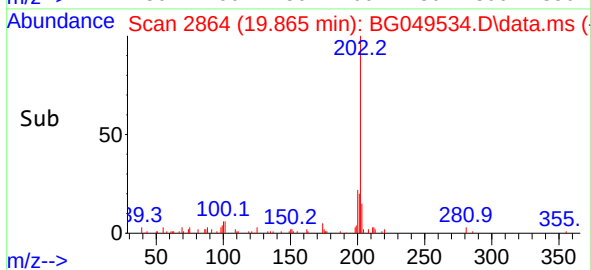
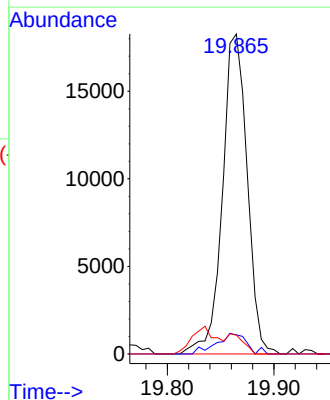
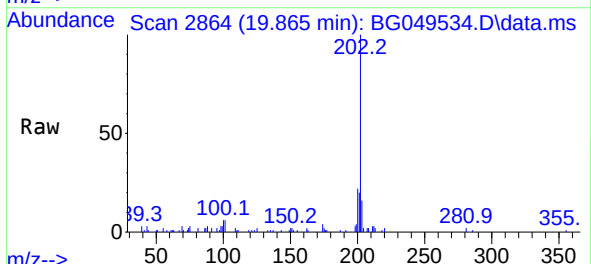
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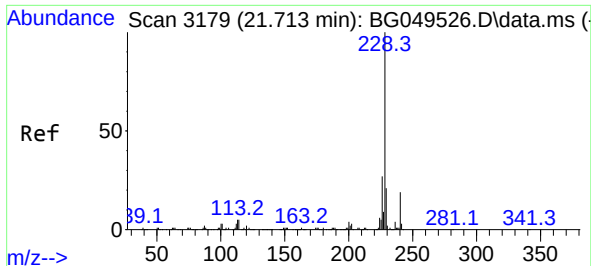
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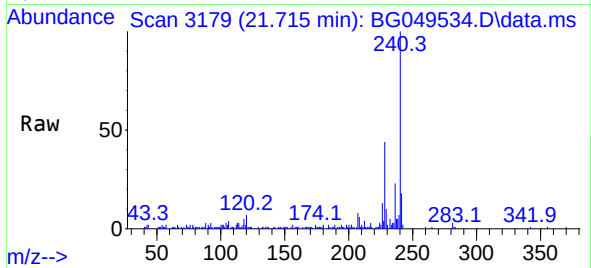
#82
Pyrene
Concen: 3.747 ng/ul
RT: 19.865 min Scan# 2864
Delta R.T. 0.002 min
Lab File: BG049534.D
Acq: 28 Jul 2021 15:43

Tgt Ion:202 Resp: 29382
Ion Ratio Lower Upper
202 100
101 6.0 5.3 7.9
100 5.9 4.7 7.1

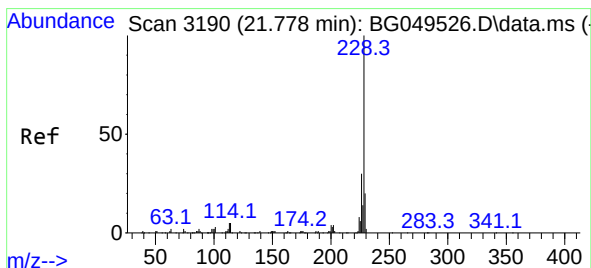
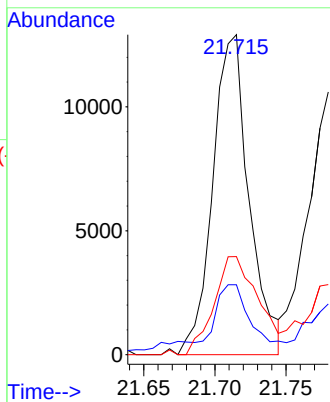
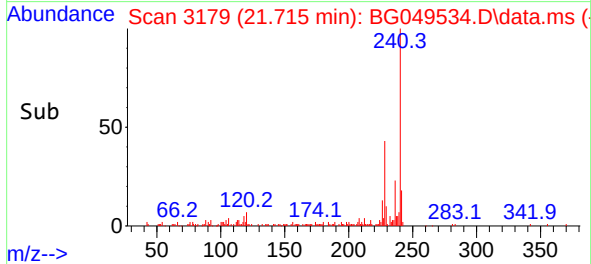




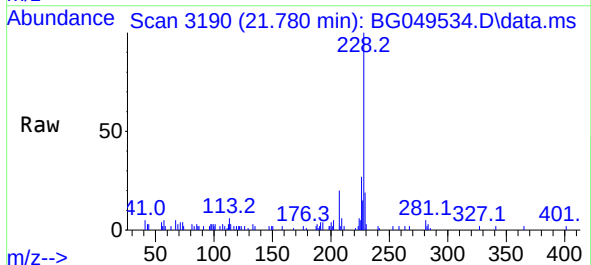
#85
Benzo(a)anthracene
Concen: 2.951 ng/ul
RT: 21.715 min Scan# 3179
Delta R.T. 0.008 min
Lab File: BG049534.D
Acq: 28 Jul 2021 15:43



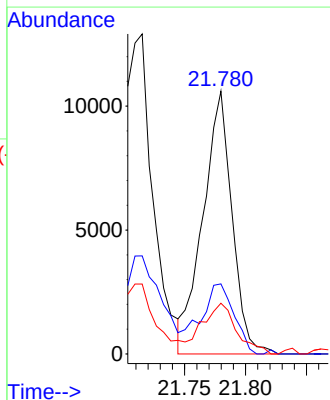
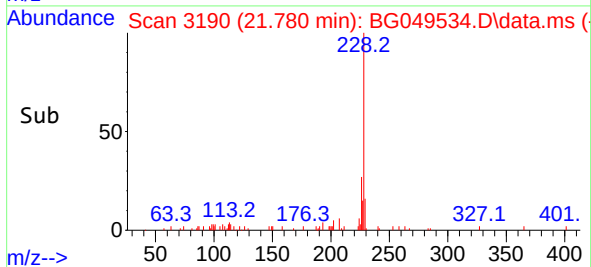
Tgt Ion:228 Resp: 22949
Ion Ratio Lower Upper
228 100
229 21.9 15.4 23.2
226 30.7 21.1 31.7



#87
Chrysene
Concen: 2.378 ng/ul
RT: 21.780 min Scan# 3190
Delta R.T. 0.008 min
Lab File: BG049534.D
Acq: 28 Jul 2021 15:43



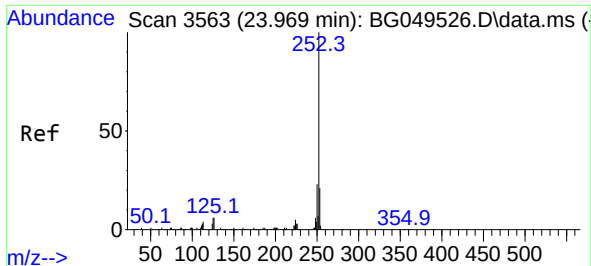
Tgt Ion:228 Resp: 17699
Ion Ratio Lower Upper
228 100
226 26.7 24.6 37.0
229 19.3 14.9 22.3



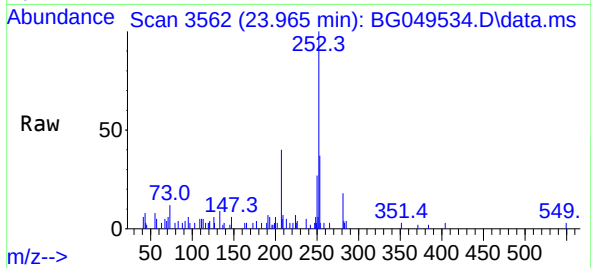
Instrument :
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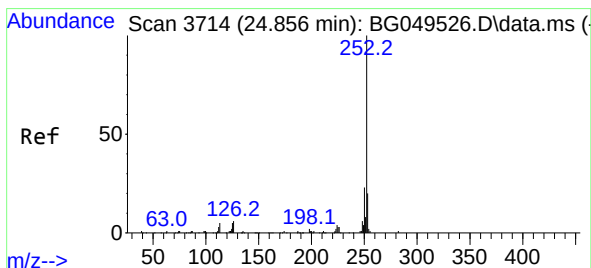
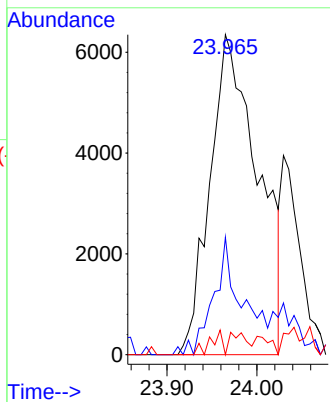
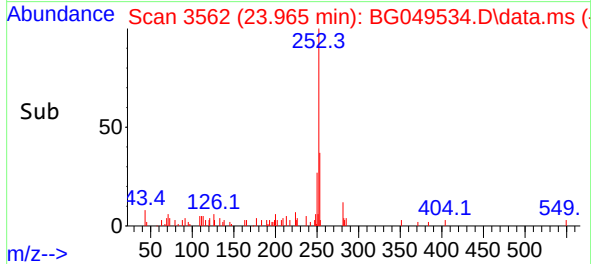
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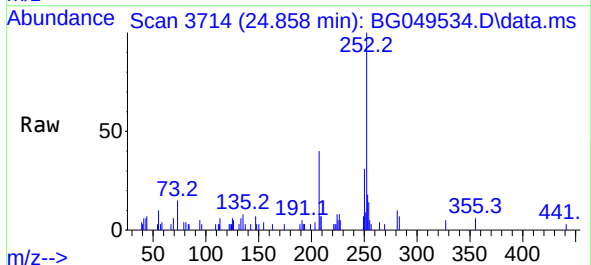
#90
Benzo(b)fluoranthene
Concen: 2.793 ng/u1
RT: 23.965 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG049534.D
Acq: 28 Jul 2021 15:43



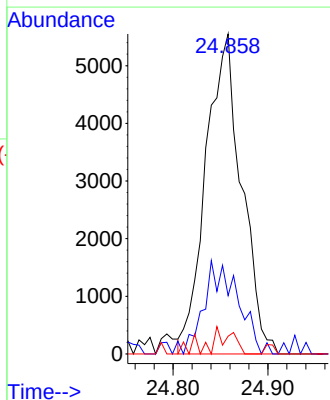
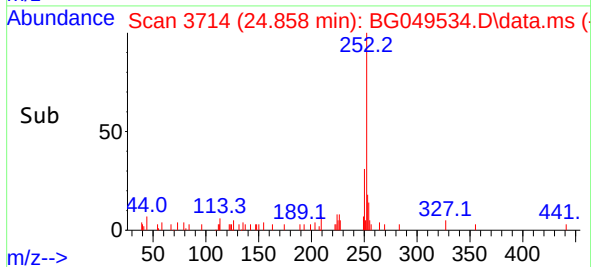
Tgt Ion:	252	Resp:	23520
Ion Ratio	Lower	Upper	
252	100		
253	36.7	17.1	25.7#
125	0.0	4.5	6.7#



#93
Benzo(a)pyrene
Concen: 1.992 ng/u1
RT: 24.858 min Scan# 3714
Delta R.T. 0.020 min
Lab File: BG049534.D
Acq: 28 Jul 2021 15:43



Tgt Ion:	252	Resp:	14555
Ion Ratio	Lower	Upper	
252	100		
253	18.2	16.4	24.6
125	5.5	4.6	6.8



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