

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049479.D
 Acq On : 26 Jul 2021 15:13
 Operator : CG/JU
 Sample : M3082-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0008

Manual Integrations
 APPROVED

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 7/27/2021 12:06:34 PM

Quant Time: Jul 26 16:34:21 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	20719	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	83766	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.697	164	55025	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.447	188	116570	20.000	ng/u1	0.00
79) Chrysene-d12	21.723	240	120782	20.000	ng/u1	0.00
88) Perylene-d12	25.001	264	129168	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.442	96	1219m	2.692	ng/uL	0.00
4) Pyridine-d5	3.877	84	6421m	4.936	ng/u1	0.02
7) Phenol-d5	7.202	99	23771	12.968	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	14831	14.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.578	132	18565	14.128	ng/u1	0.00
15) 4-Methylphenol-d8	8.753	113	16425	11.887	ng/u1	0.00
21) Nitrobenzene-d5	9.217	128	10118	15.711	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	11605	15.377	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	18780	13.682	ng/u1	0.00
31) 4-Chloroaniline-d4	11.002	131	17537	9.168	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	63575	15.083	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	74228	15.162	ng/u1	0.00
54) 4-Nitrophenol-d4	14.891	143	7016	10.108	ng/u1	0.00
60) Fluorene-d10	15.690	176	57103	15.726	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	8656	11.983	ng/u1	0.00
73) Anthracene-d10	17.547	188	87140	16.084	ng/u1	0.00
81) Pyrene-d10	19.832	212	101940	16.506	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.772	264	89565	13.193	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.488	178	56273	9.273	ng/u1	98
74) Anthracene	17.582	178	11119	1.808	ng/u1	98
80) Fluoranthene	19.497	202	109097	14.548	ng/u1	98
82) Pyrene	19.861	202	77274	10.379	ng/u1	99
85) Benzo(a)anthracene	21.706	228	42030	5.692	ng/u1	96
87) Chrysene	21.770	228	40739	5.764	ng/u1	98
90) Benzo(b)fluoranthene	23.961	252	56234	6.946	ng/u1#	93
91) Benzo(k)fluoranthene	24.020	252	20904m	2.638	ng/u1	
93) Benzo(a)pyrene	24.843	252	33240	4.733	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.737	276	23675	2.642	ng/u1#	95

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

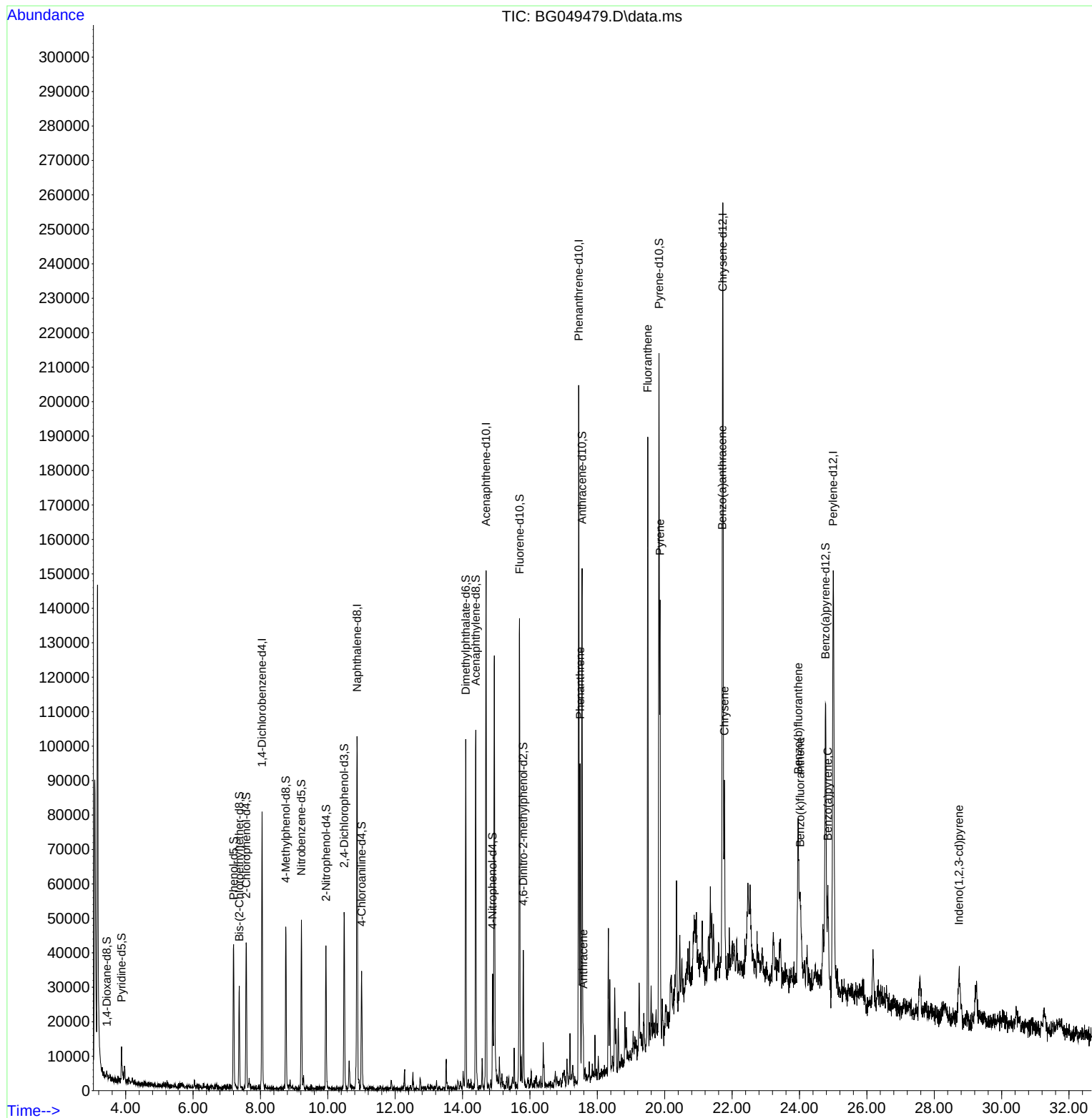
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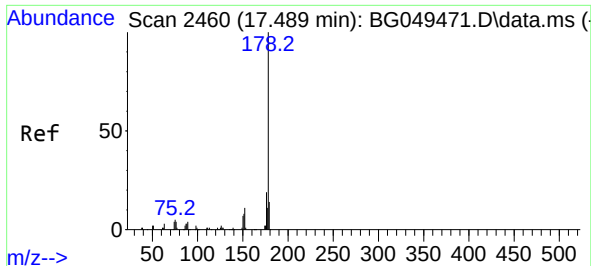
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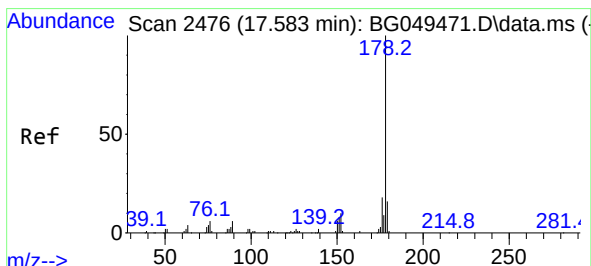
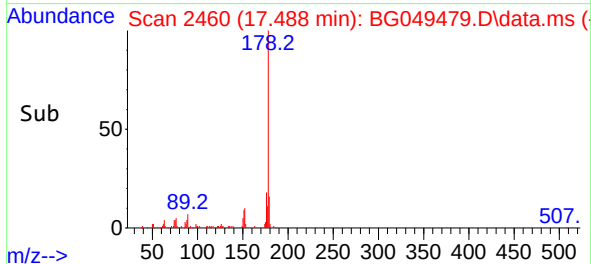
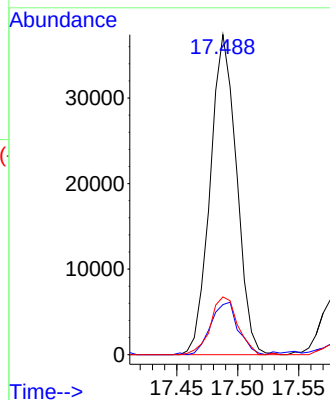
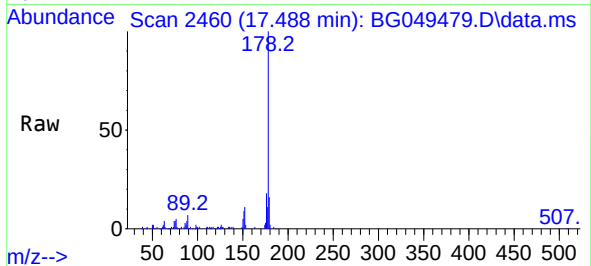
#72
Phenanthrene
Concen: 9.273 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13

Tgt Ion:	178	Resp:	56273
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.2	19.8
176	18.1	15.0	22.6

Instrument :
BNA_G
ClientSampleId :
C0008

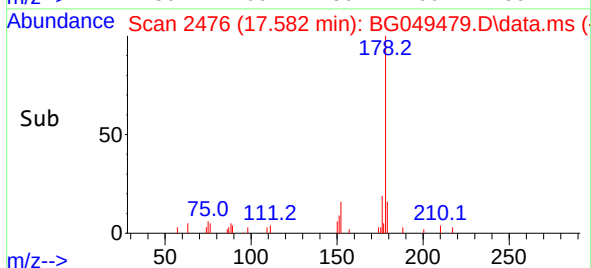
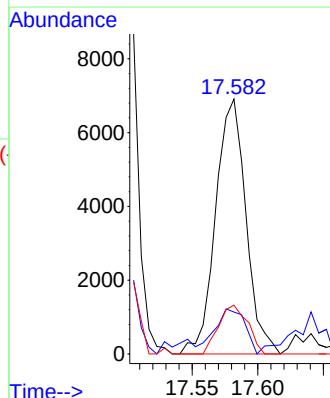
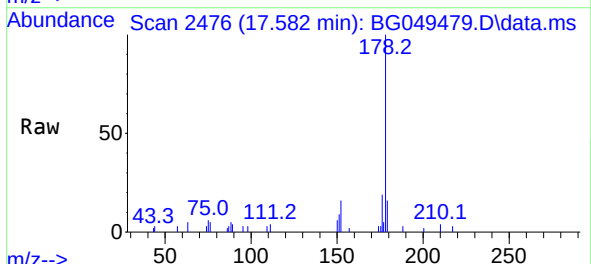
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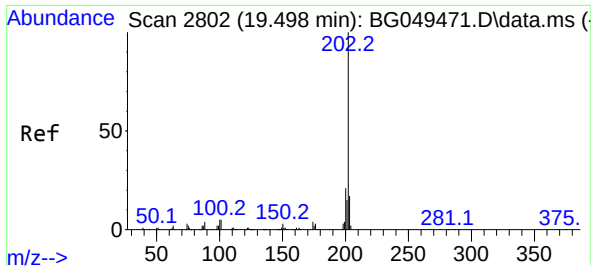
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#74
Anthracene
Concen: 1.808 ng/ul
RT: 17.582 min Scan# 2476
Delta R.T. -0.002 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13

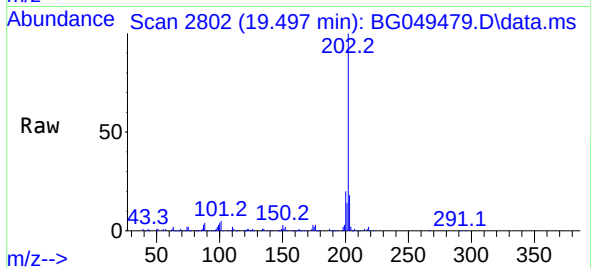
Tgt Ion:	178	Resp:	11119
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.0	18.0
176	19.1	15.6	23.4





#80
Fluoranthene
Concen: 14.548 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. -0.002 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13

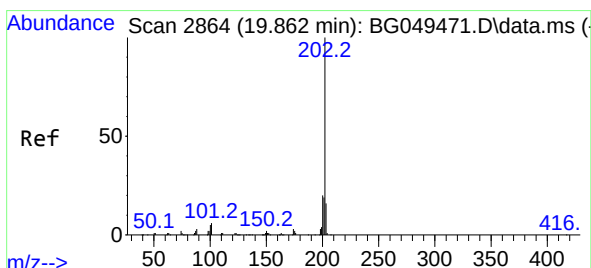
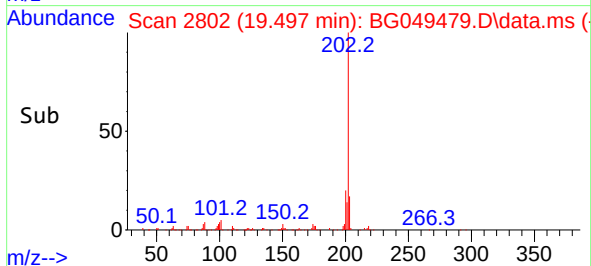
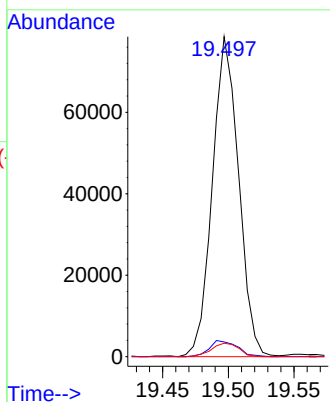
Instrument :
BNA_G
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.6	4.3	6.5
100	4.2	3.8	5.6

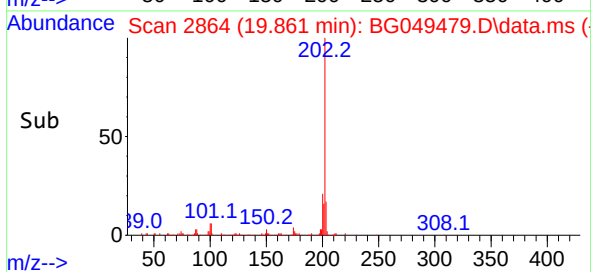
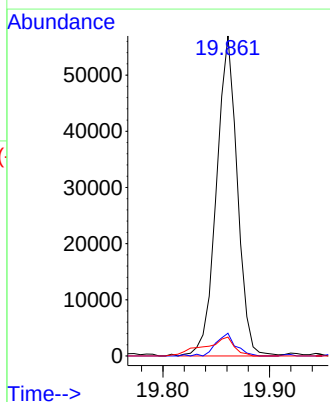
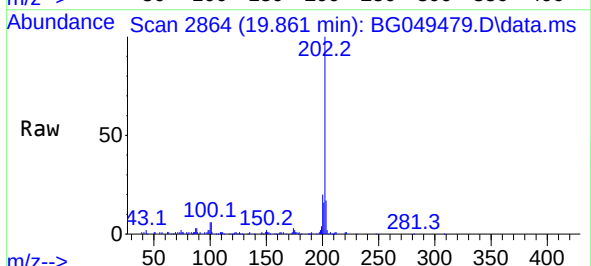
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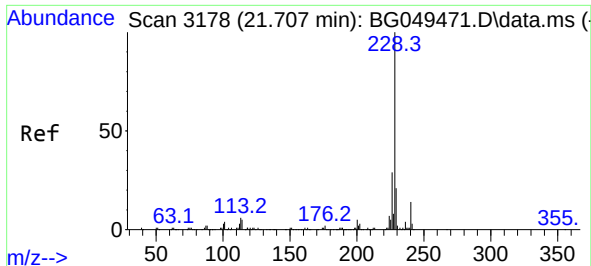
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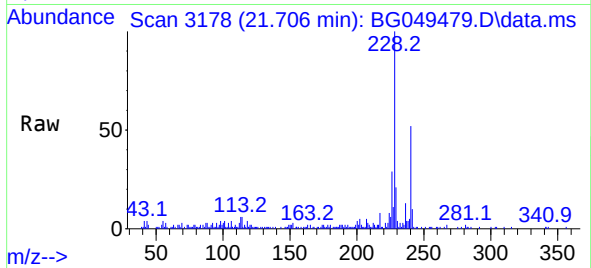
#82
Pyrene
Concen: 10.379 ng/ul
RT: 19.861 min Scan# 2864
Delta R.T. -0.002 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.3	7.9
100	5.9	4.7	7.1

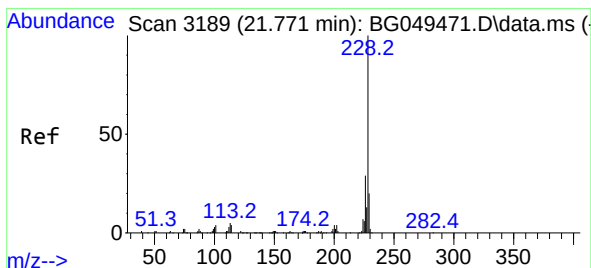
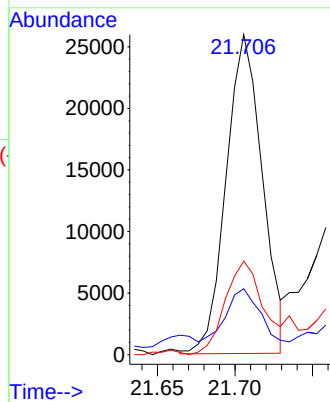
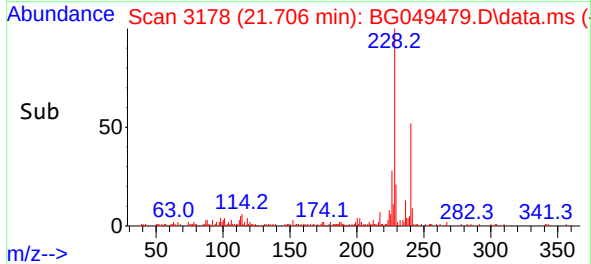




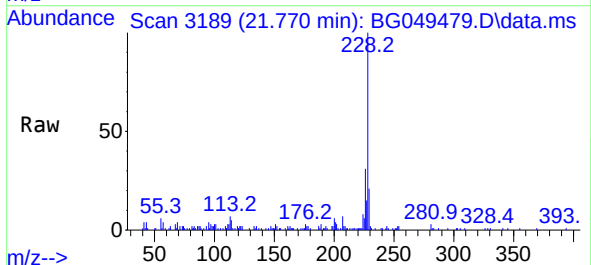
#85
Benzo(a)anthracene
Concen: 5.692 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.002 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13



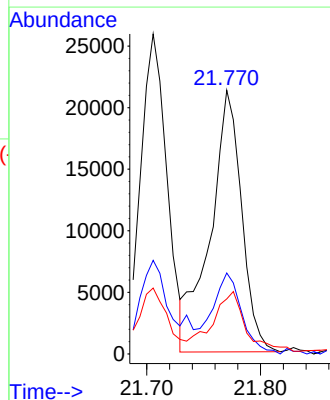
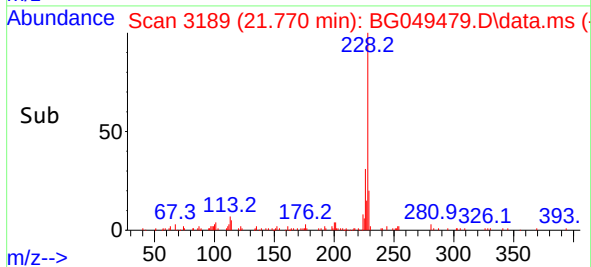
Tgt Ion:228 Resp: 42030
Ion Ratio Lower Upper
228 100
229 20.6 15.4 23.2
226 29.2 21.1 31.7



#87
Chrysene
Concen: 5.764 ng/ul
RT: 21.770 min Scan# 3189
Delta R.T. -0.002 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13



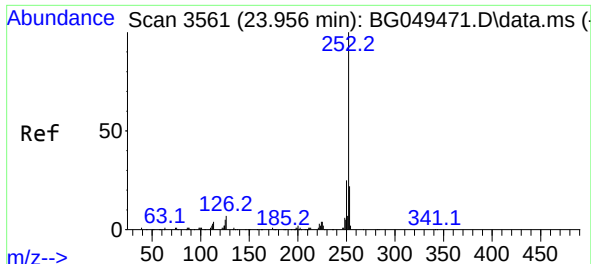
Tgt Ion:228 Resp: 40739
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.9 14.9 22.3



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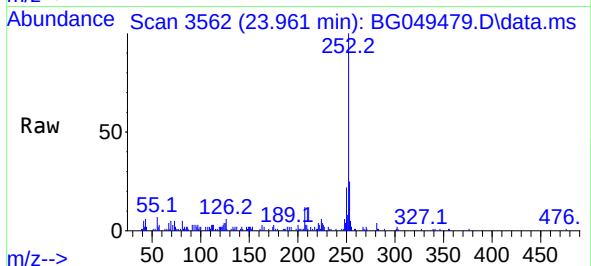
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#90
Benzo(b)fluoranthene
Concen: 6.946 ng/ul
RT: 23.961 min Scan# 3562
Delta R.T. 0.004 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13

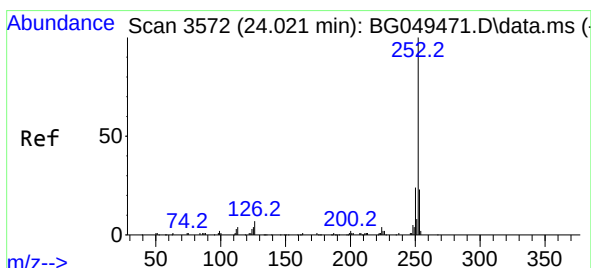
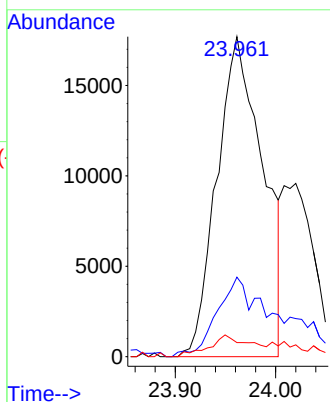
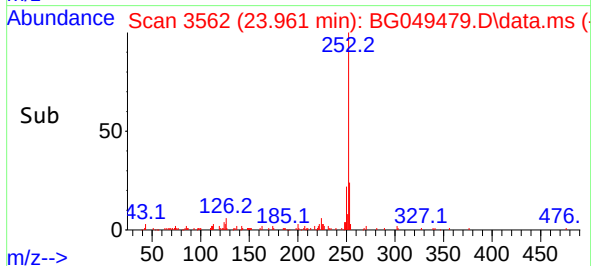
Instrument :
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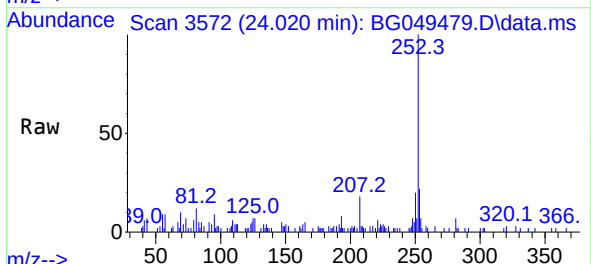
Tgt Ion:252 Resp: 56234
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 4.4 4.5 6.7#

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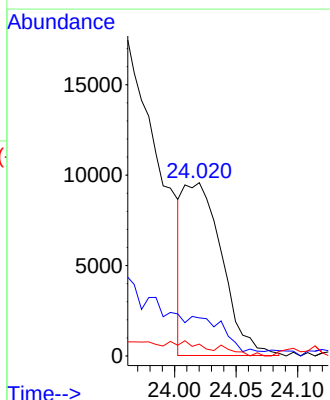
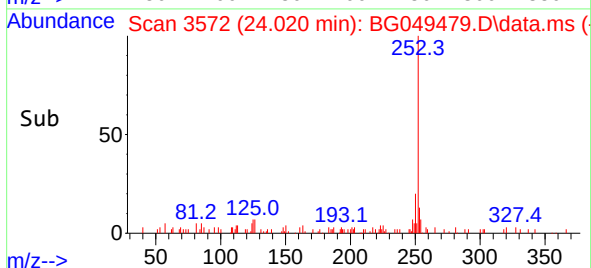
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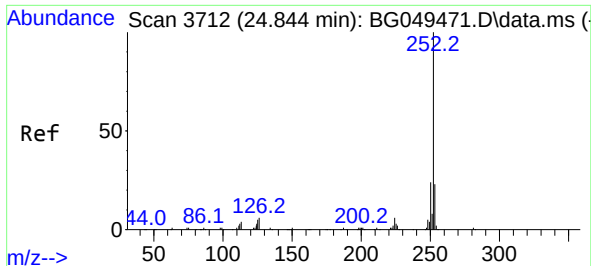


#91
Benzo(k)fluoranthene
Concen: 2.638 ng/ul m
RT: 24.020 min Scan# 3572
Delta R.T. -0.002 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13



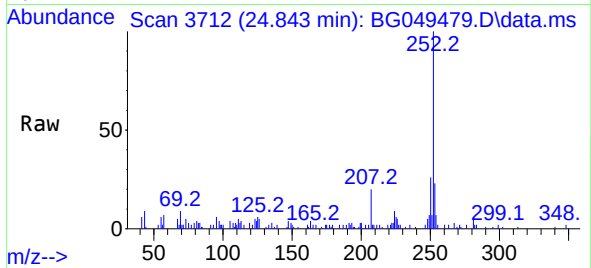
Tgt Ion:252 Resp: 20904
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 6.9 4.6 7.0





#93
Benzo(a)pyrene
Concen: 4.733 ng/ul
RT: 24.843 min Scan# 3712
Delta R.T. 0.004 min
Lab File: BG049479.D
Acq: 26 Jul 2021 15:13

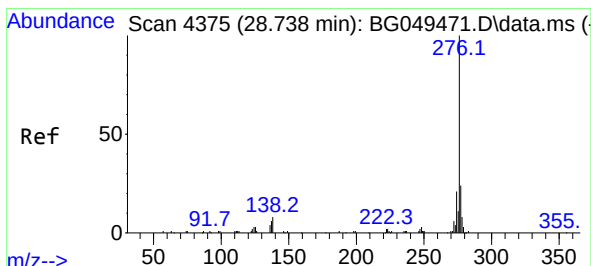
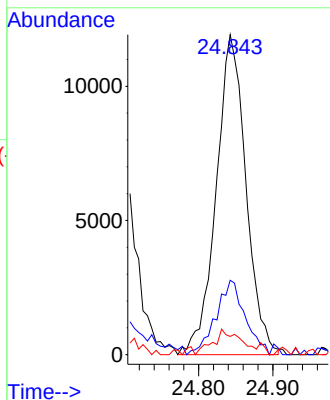
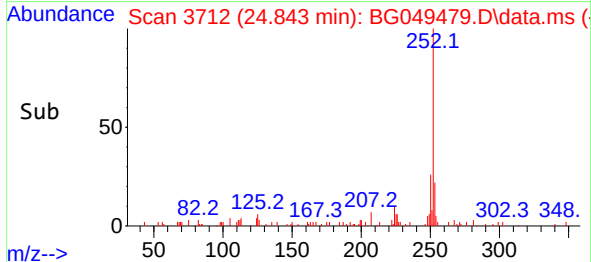
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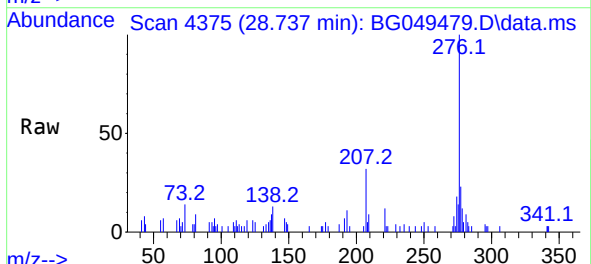
Tgt Ion:252 Resp: 33240
Ion Ratio Lower Upper
252 100
253 23.2 16.4 24.6
125 5.7 4.6 6.8

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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.642 ng/ul
RT: 28.737 min Scan# 4375
Delta R.T. -0.002 min
Lab File: BG049479.D
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Tgt Ion:276 Resp: 23675
Ion Ratio Lower Upper
276 100
138 13.0 7.3 10.9#
277 22.6 19.2 28.8

