

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
 Sample : M3082-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0017

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Quant Time: Jul 27 02:50:10 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	26464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	109057	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.700	164	80994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	167627	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	148887	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	154773	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	1764m	3.050	ng/uL	-0.01
4) Pyridine-d5	3.861	84	16963	10.210	ng/ul	0.00
7) Phenol-d5	7.204	99	39589	16.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	25533	19.254	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	30401	18.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	25619	14.516	ng/ul	0.00
21) Nitrobenzene-d5	9.219	128	16870	20.120	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	19095	19.434	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	34481	19.296	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	22899	9.195	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	120974	19.499	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	137603	19.095	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	16342	15.995	ng/ul	0.01
60) Fluorene-d10	15.692	176	102819	19.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	12358	11.897	ng/ul	0.00
73) Anthracene-d10	17.549	188	151858	19.492	ng/ul	0.00
81) Pyrene-d10	19.834	212	129187	16.969	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	88554	10.886	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.490	178	49861	5.714	ng/ul	97
74) Anthracene	17.584	178	9023	1.020	ng/ul	97
80) Fluoranthene	19.499	202	149268	16.148	ng/ul	99
82) Pyrene	19.863	202	89053	9.703	ng/ul	98
85) Benzo(a)anthracene	21.708	228	61756	6.784	ng/ul	99
87) Chrysene	21.772	228	66104m	7.587	ng/ul	
90) Benzo(b)fluoranthene	23.969	252	101599	10.473	ng/ul	99
91) Benzo(k)fluoranthene	24.028	252	26144m	2.754	ng/ul	
93) Benzo(a)pyrene	24.845	252	31544	3.748	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.763	276	32752m	3.050	ng/ul	
95) Dibenzo(a,h)anthracene	28.775	278	14280m	1.607	ng/ul	

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

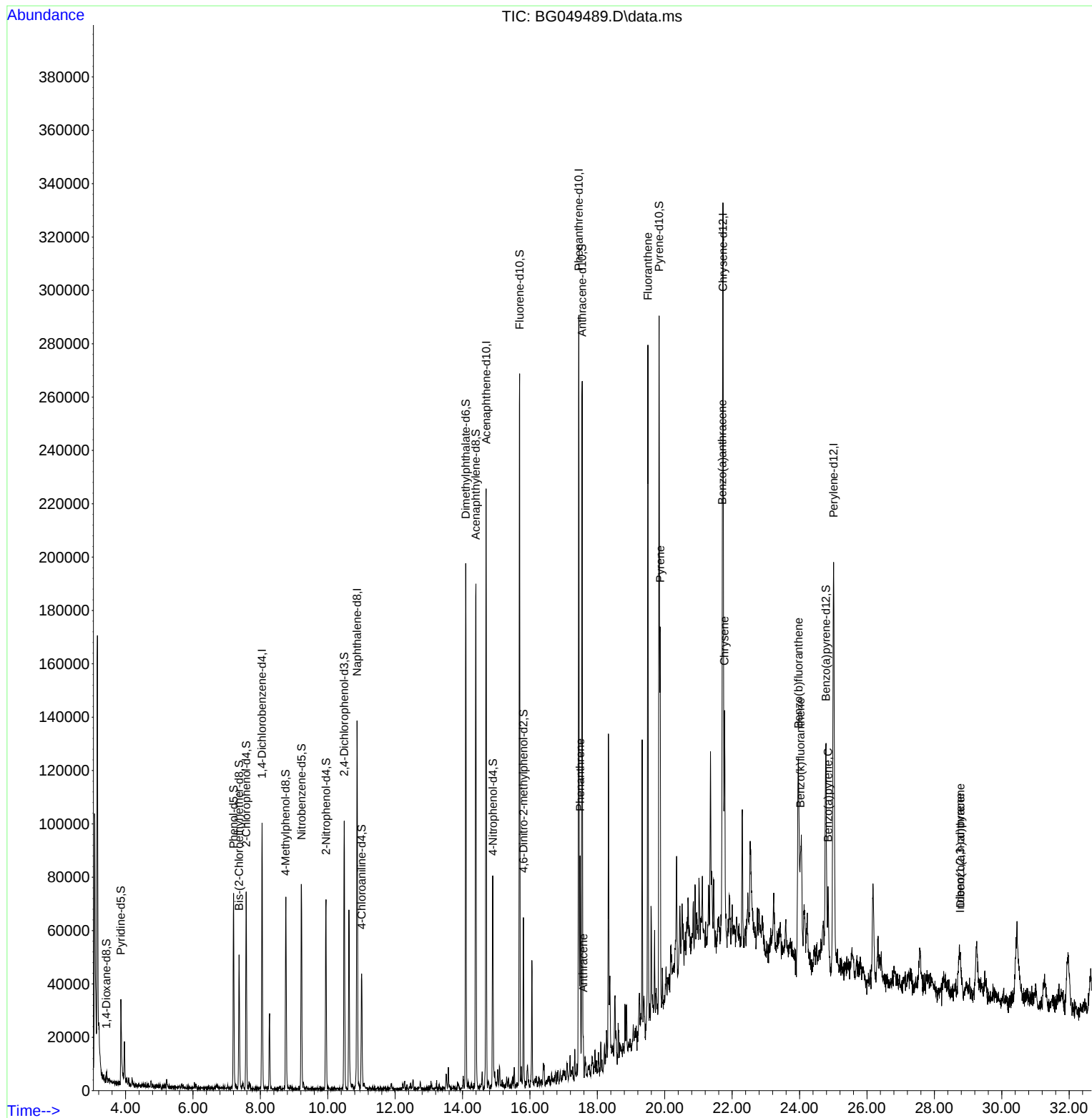
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049489.D
Acq On : 26 Jul 2021 22:10
Operator : CG/JU
Sample : M3082-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

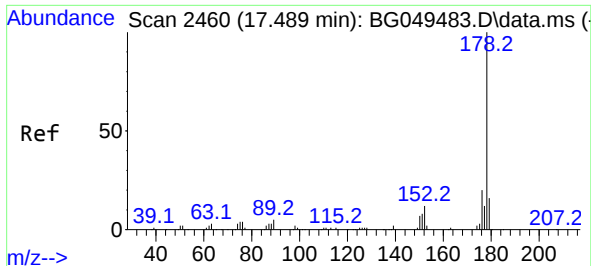
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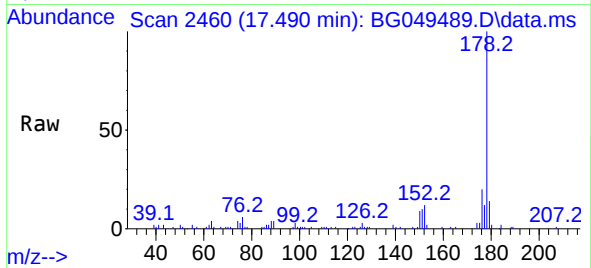
Quant Time: Jul 27 02:50:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.714 ng/uI
RT: 17.490 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

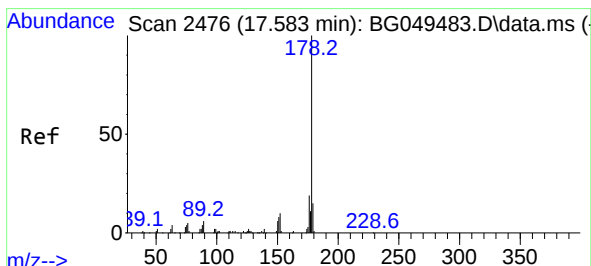
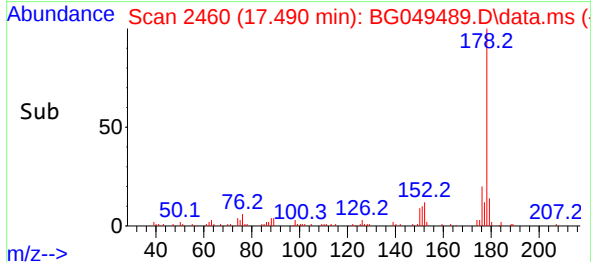
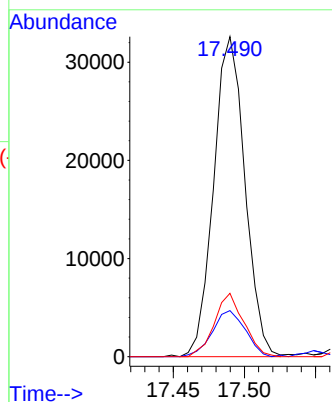
Instrument :
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ClientSampled :
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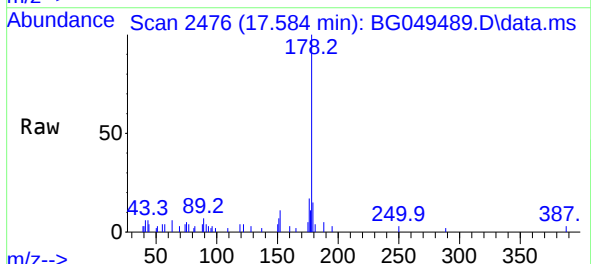
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Ion Ratio Lower Upper
178 100
179 14.4 13.2 19.8
176 19.8 15.0 22.6

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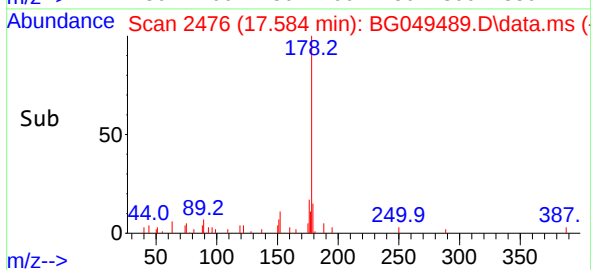
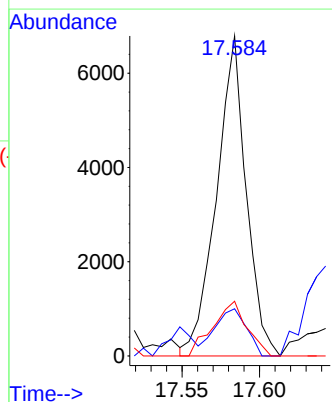
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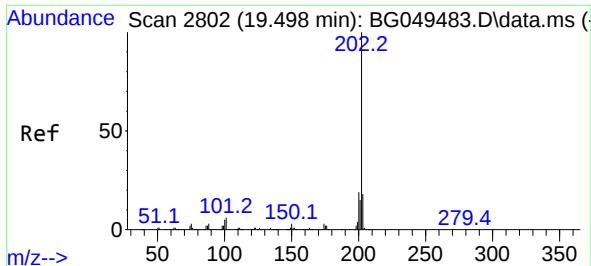


#74
Anthracene
Concen: 1.020 ng/uI
RT: 17.584 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10



Tgt Ion:178 Resp: 9023
Ion Ratio Lower Upper
178 100
179 14.7 12.0 18.0
176 17.1 15.6 23.4





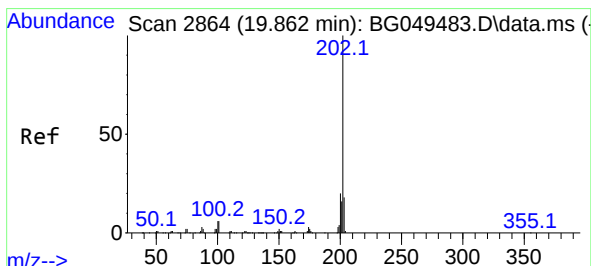
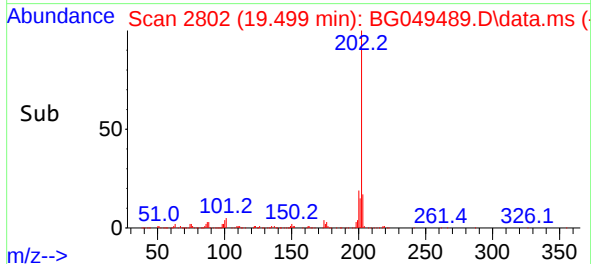
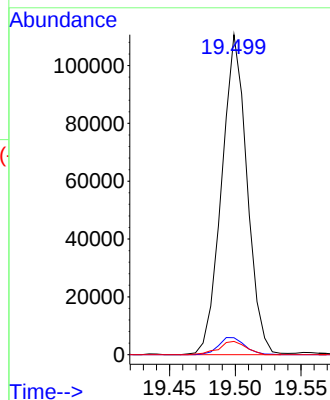
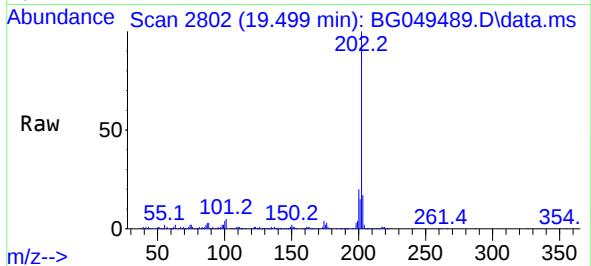
#80
Fluoranthene
Concen: 16.148 ng/ul
RT: 19.499 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

Tgt Ion:202 Resp: 149268
Ion Ratio Lower Upper
202 100
101 5.3 4.3 6.5
100 4.2 3.8 5.6

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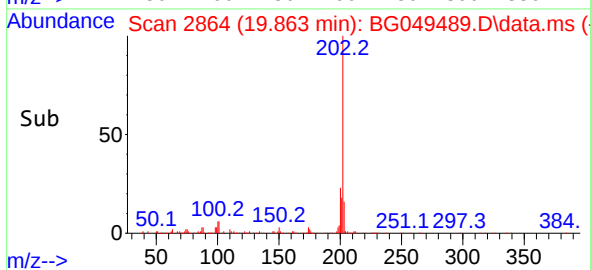
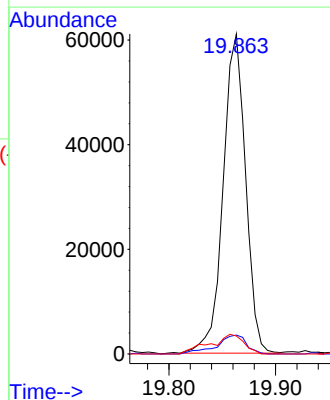
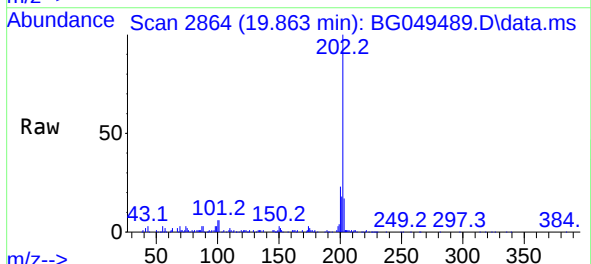
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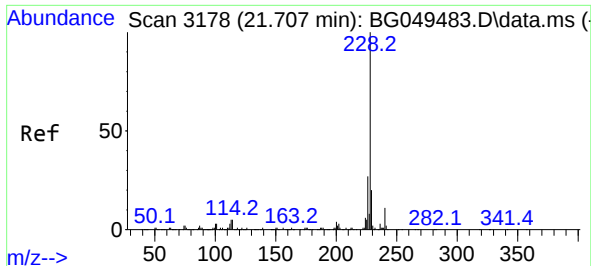
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#82
Pyrene
Concen: 9.703 ng/ul
RT: 19.863 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

Tgt Ion:202 Resp: 89053
Ion Ratio Lower Upper
202 100
101 5.9 5.3 7.9
100 5.6 4.7 7.1





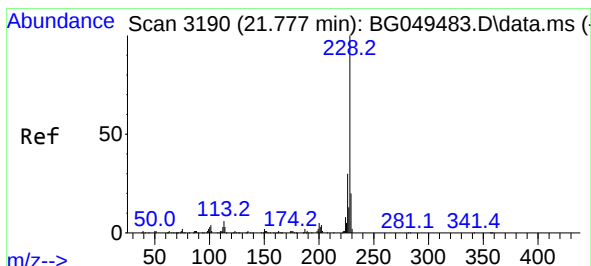
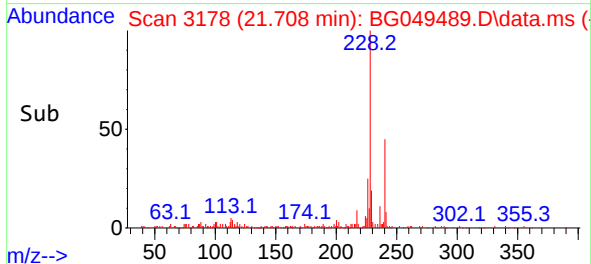
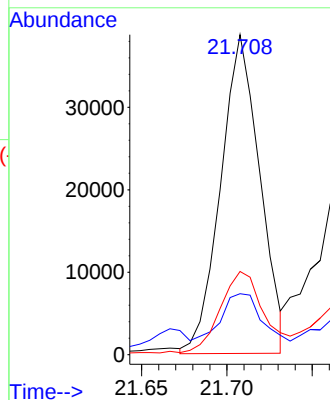
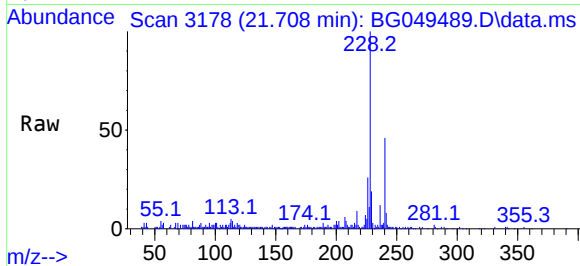
#85
Benzo(a)anthracene
Concen: 6.784 ng/ul
RT: 21.708 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

Tgt Ion:228 Resp: 61756
Ion Ratio Lower Upper
228 100
229 19.1 15.4 23.2
226 26.0 21.1 31.7

Instrument :
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ClientSampled :
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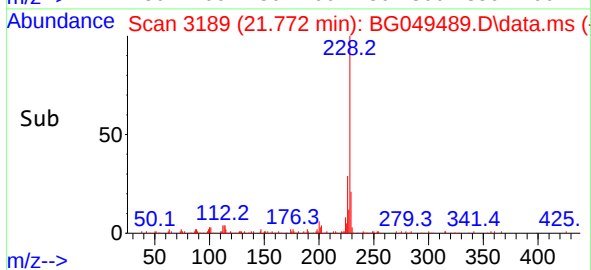
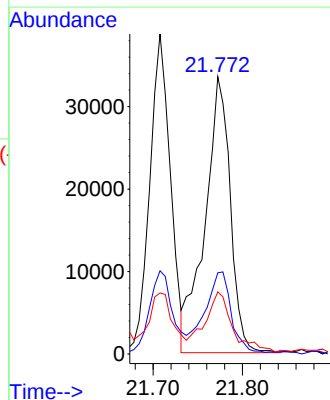
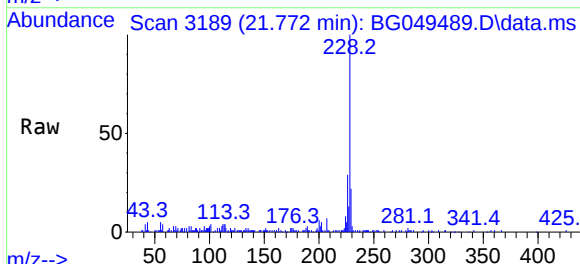
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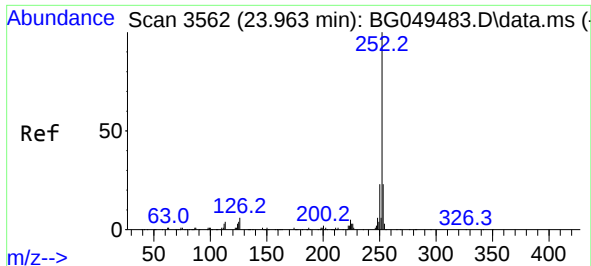
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#87
Chrysene
Concen: 7.587 ng/ul m
RT: 21.772 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

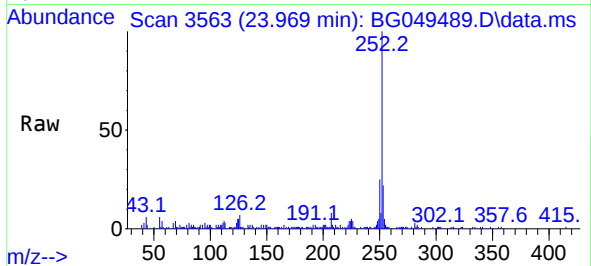
Tgt Ion:228 Resp: 66104
Ion Ratio Lower Upper
228 100
226 29.3 24.6 37.0
229 22.4 14.9 22.3#





#90
Benzo(b)fluoranthene
Concen: 10.473 ng/ul
RT: 23.969 min Scan# 3563
Delta R.T. 0.012 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

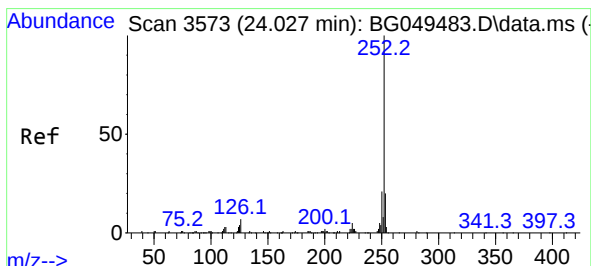
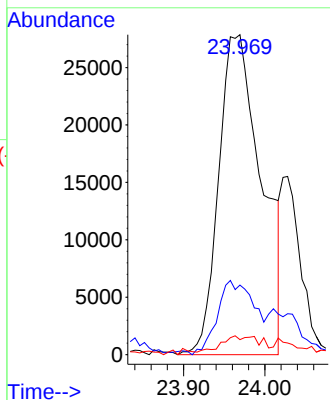
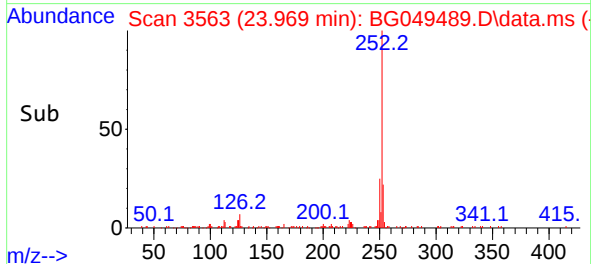
Instrument :
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ClientSampled :
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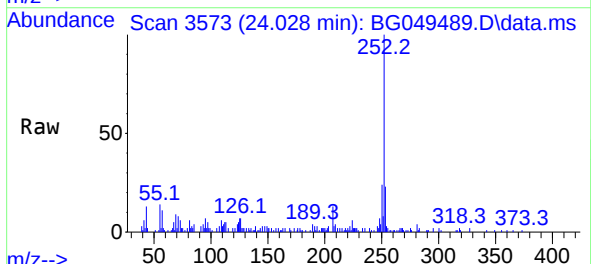
Tgt Ion:252 Resp: 101599
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 4.7 4.5 6.7

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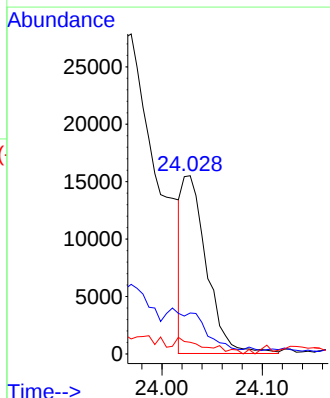
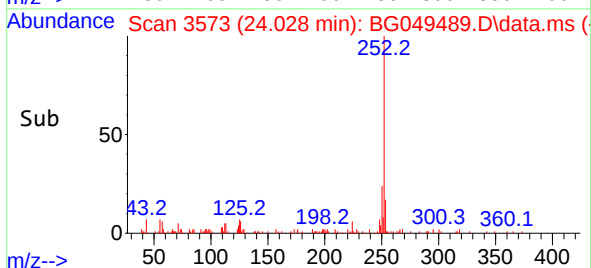
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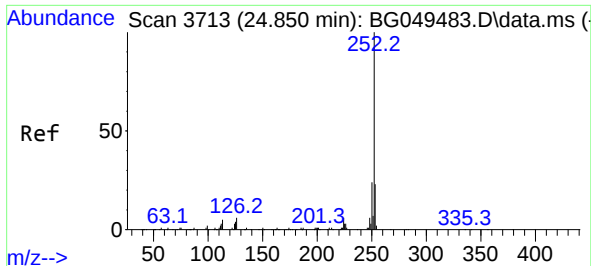


#91
Benzo(k)fluoranthene
Concen: 2.754 ng/ul m
RT: 24.028 min Scan# 3573
Delta R.T. 0.006 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10



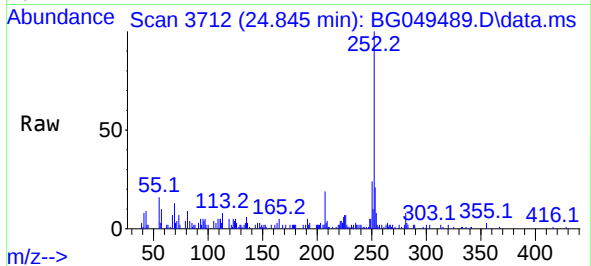
Tgt Ion:252 Resp: 26144
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 6.6 4.6 7.0





#93
Benzo(a)pyrene
Concen: 3.748 ng/ul
RT: 24.845 min Scan# 3712
Delta R.T. 0.006 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

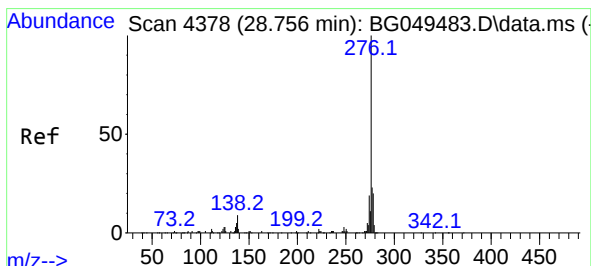
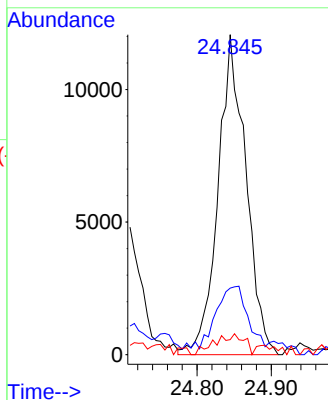
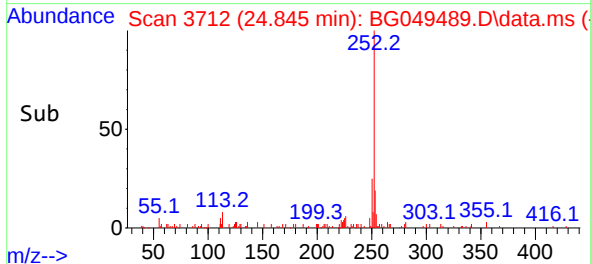
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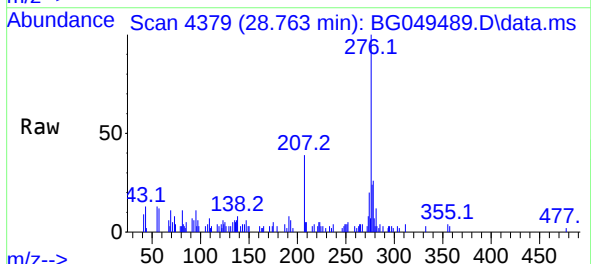
Tgt Ion:252 Resp: 31544
Ion Ratio Lower Upper
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253 20.8 16.4 24.6
125 4.7 4.6 6.8

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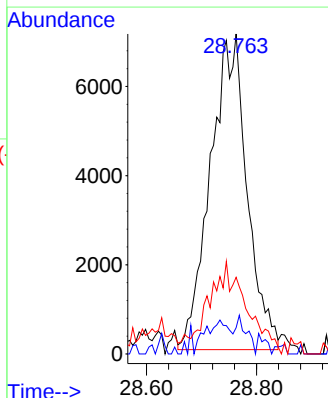
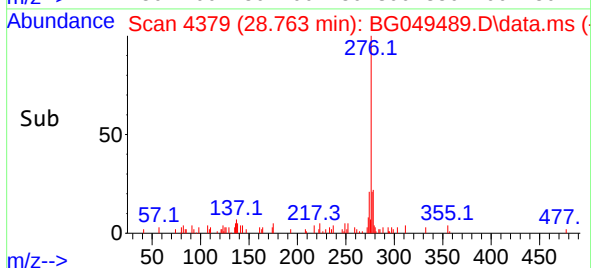
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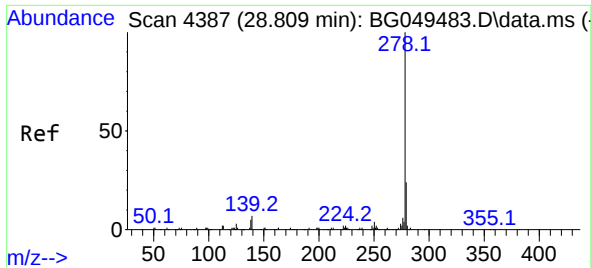


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.050 ng/ul m
RT: 28.763 min Scan# 4379
Delta R.T. 0.024 min
Lab File: BG049489.D
Acq: 26 Jul 2021 22:10

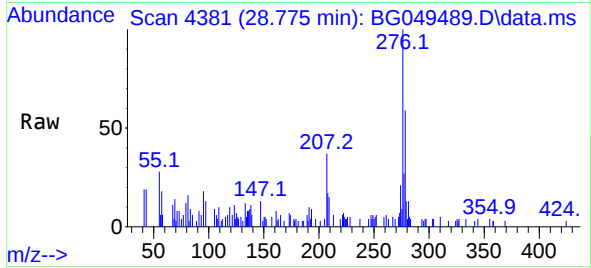


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Ion Ratio Lower Upper
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138 8.2 7.3 10.9
277 23.9 19.2 28.8

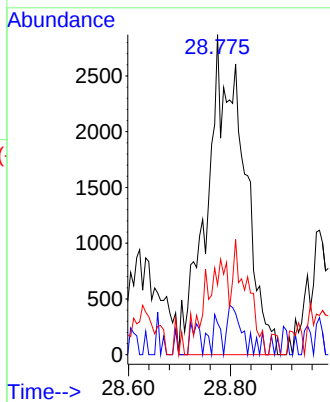
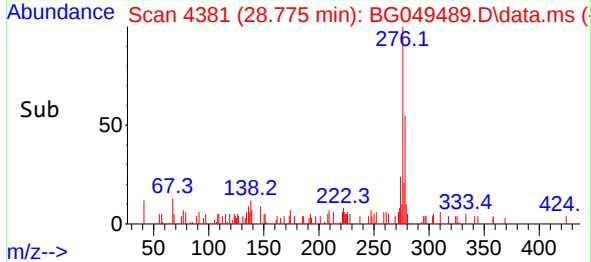




#95
 Dibenzo(a,h)anthracene
 Concen: 1.607 ng/ul m
 RT: 28.775 min Scan# 4381
 Delta R.T. -0.023 min
 Lab File: BG049489.D
 Acq: 26 Jul 2021 22:10



Tgt Ion:	278	Resp:	14280
Ion	Ratio	Lower	Upper
278	100		
139	9.9	6.8	10.2
279	21.8	19.7	29.5



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