

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0091

Manual Integrations
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Quant Time: Aug 07 01:49:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	27482	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	108626	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	75126	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	156907	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	144074	20.000	ng/ul	# 0.00
88) Perylene-d12	25.008	264	150051	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	1798m	3.059	ng/uL	0.00
4) Pyridine-d5	3.860	84	13118	7.437	ng/ul	0.01
7) Phenol-d5	7.197	99	53381	21.402	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	33078	23.089	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	41547	23.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	32194	16.929	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	22445	26.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	27527	28.169	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	46183	25.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	45647	18.096	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	152333	25.839	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	177642	25.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	19926	20.904	ng/ul	0.00
60) Fluorene-d10	15.685	176	129231	25.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	18610	17.622	ng/ul	0.00
73) Anthracene-d10	17.541	188	195362m	26.377	ng/ul	0.00
81) Pyrene-d10	19.827	212	224328	28.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	214525	26.092	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.483	178	25777	3.104	ng/ul	98
80) Fluoranthene	19.498	202	63526	6.484	ng/ul#	97
82) Pyrene	19.862	202	49835	5.100	ng/ul#	94
85) Benzo(a)anthracene	21.701	228	24499	2.590	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.595	149	6455	1.183	ng/ul#	87
87) Chrysene	21.771	228	28787	3.258	ng/ul#	89
90) Benzo(b)fluoranthene	23.956	252	39724	4.050	ng/ul#	91
91) Benzo(k)fluoranthene	24.015	252	13724m	1.409	ng/ul	
93) Benzo(a)pyrene	24.855	252	23638	2.738	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.756	276	21192m	1.870	ng/ul	
96) Benzo(g,h,i)perylene	29.936	276	11556m	1.226	ng/ul	

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

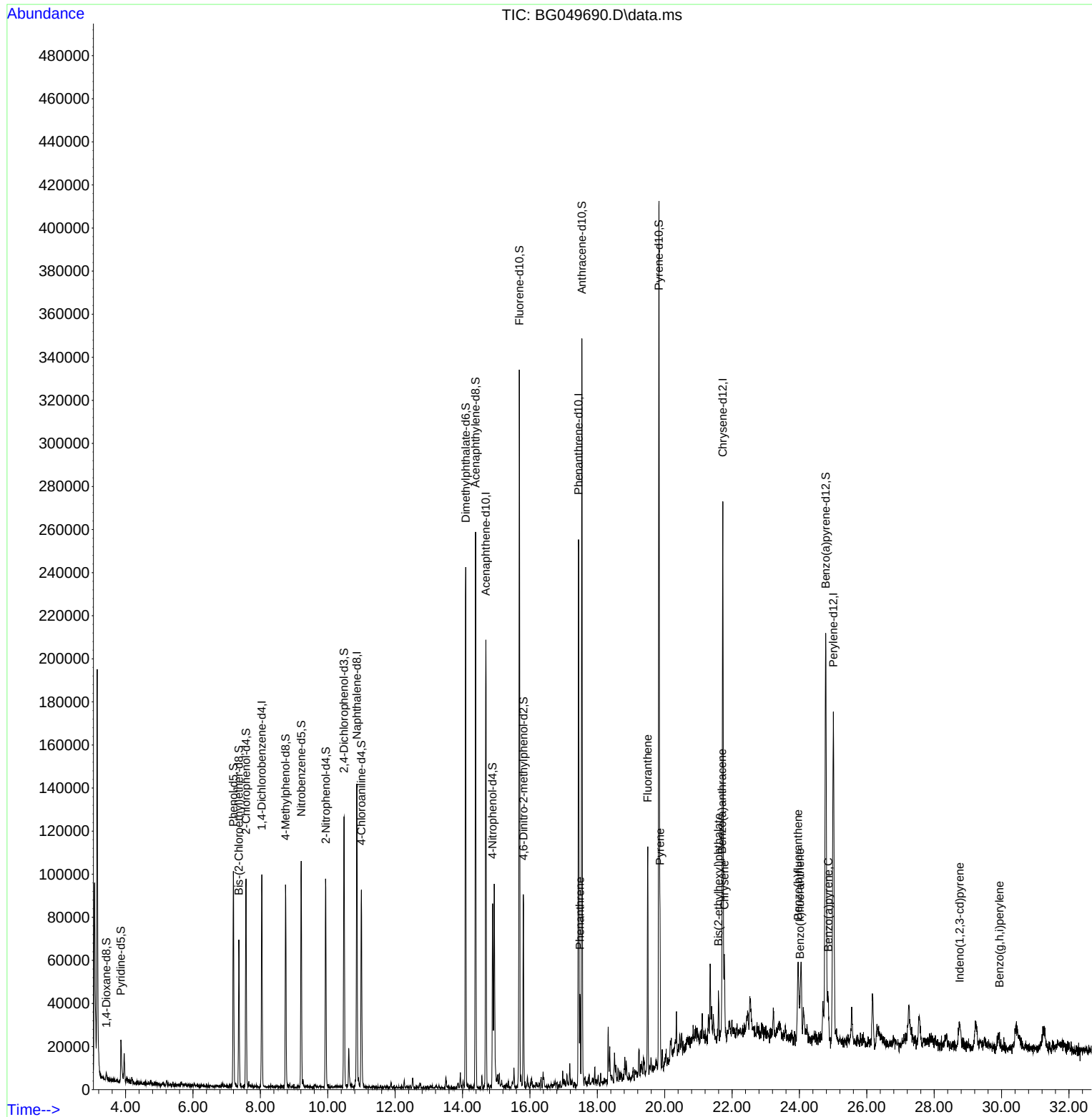
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Data File : BG049690.D
Acq On : 7 Aug 2021 00:39
Operator : CG/JU
Sample : M3124-10
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ALS Vial : 23 Sample Multiplier: 1

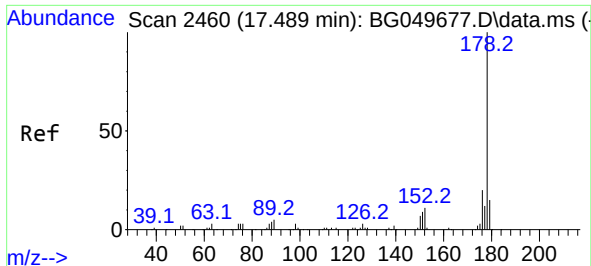
Instrument :
BNA_G
ClientSampleId :
C0091

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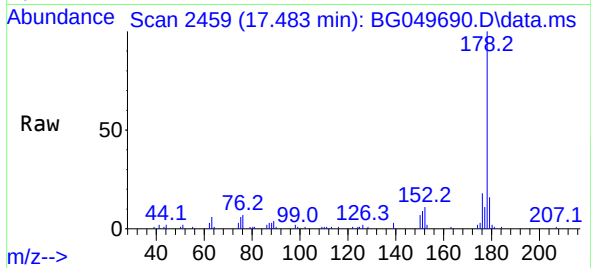
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

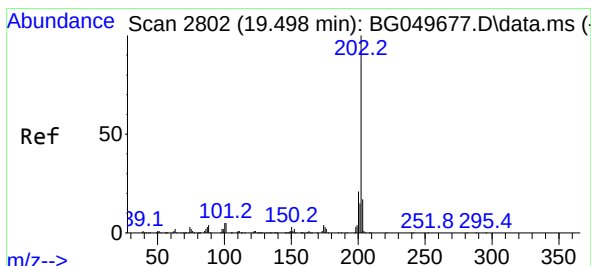
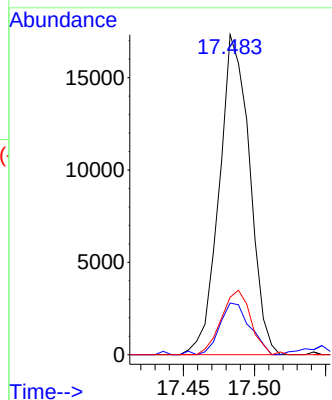
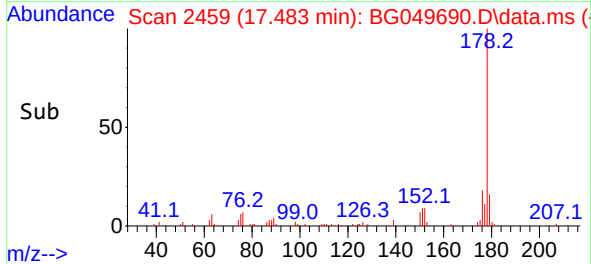




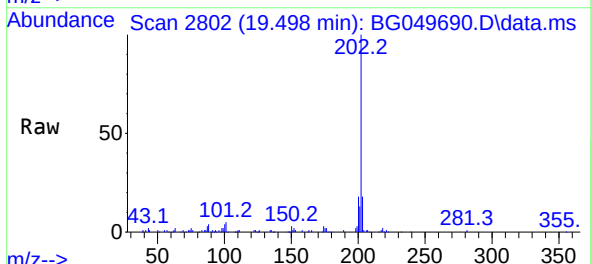
#72
Phenanthrene
Concen: 3.104 ng/ul
RT: 17.483 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39



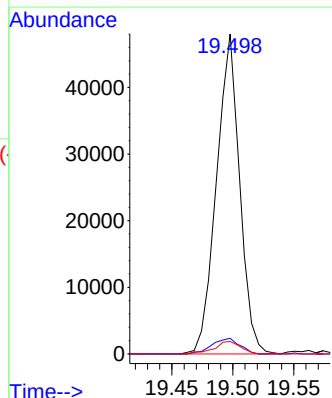
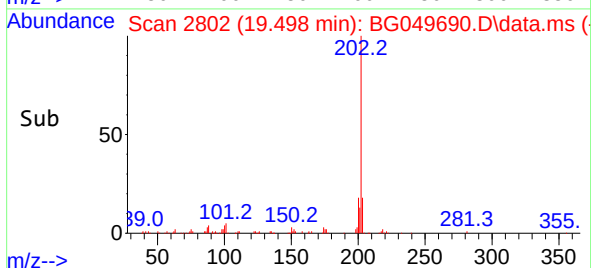
Tgt Ion:178 Resp: 25777
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 17.9 15.4 23.2



#80
Fluoranthene
Concen: 6.484 ng/ul
RT: 19.498 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39



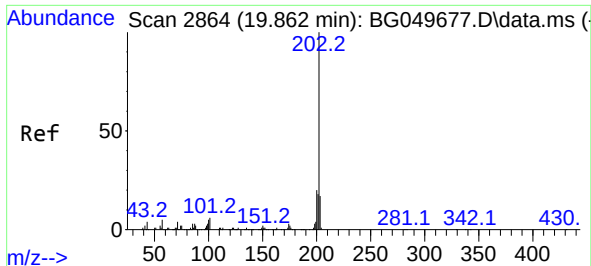
Tgt Ion:202 Resp: 63526
Ion Ratio Lower Upper
202 100
101 4.9 4.8 7.2
100 3.9 3.9 5.9#



Instrument :
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ClientSampled :
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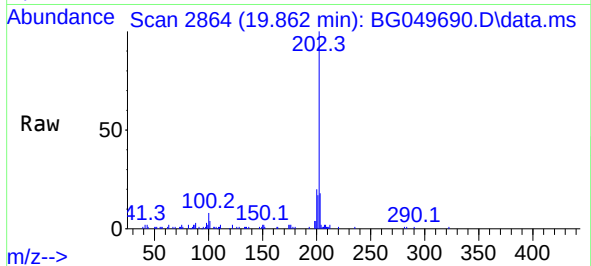
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#82
Pyrene
Concen: 5.100 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. -0.000 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39

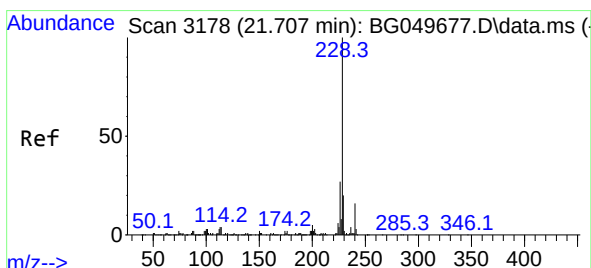
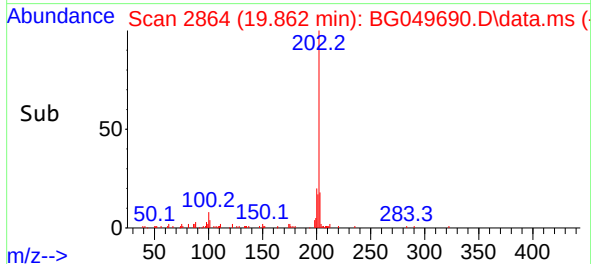
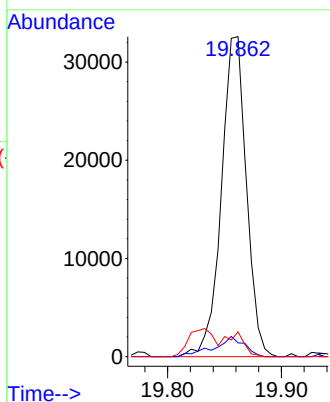
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BNA_G
ClientSampled :
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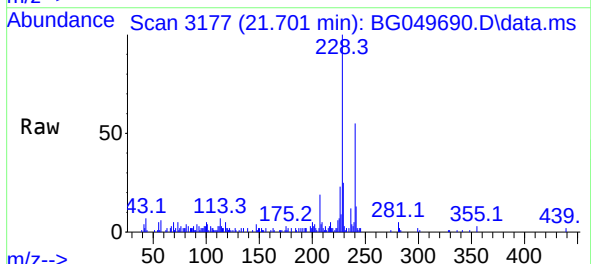
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Ion Ratio Lower Upper
202 100
101 4.3 5.2 7.8#
100 7.7 4.8 7.2#

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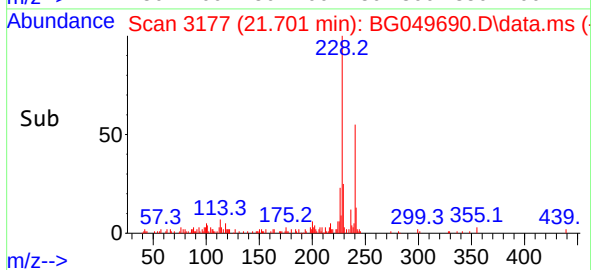
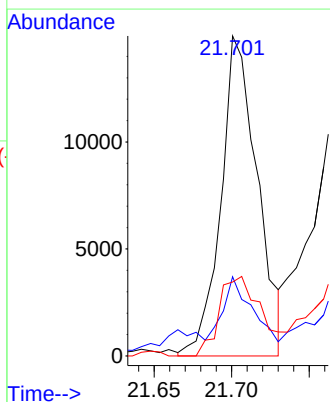
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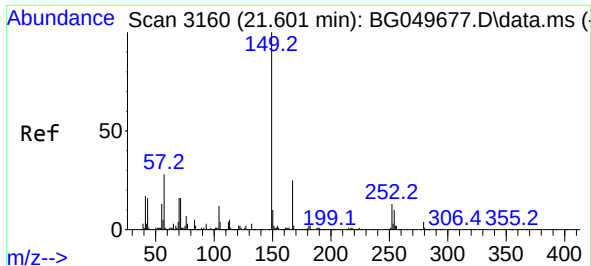


#85
Benzo(a)anthracene
Concen: 2.590 ng/ul
RT: 21.701 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39

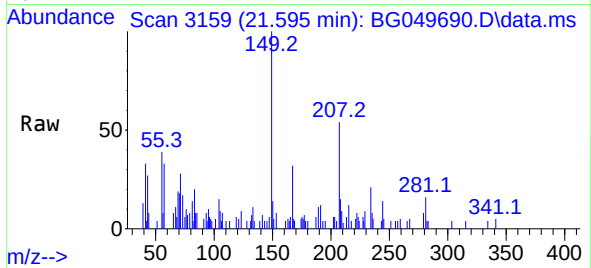


Tgt Ion:228 Resp: 24499
Ion Ratio Lower Upper
228 100
229 24.7 15.3 22.9#
226 23.1 21.0 31.6

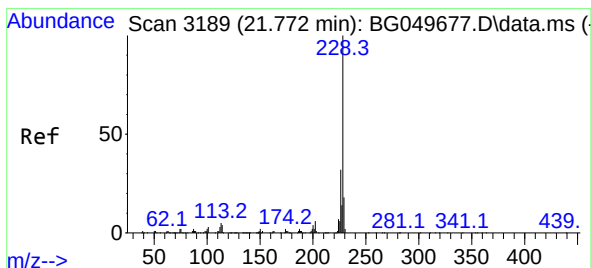
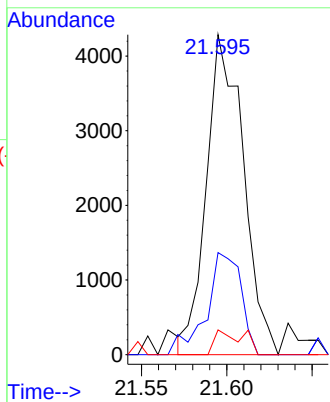
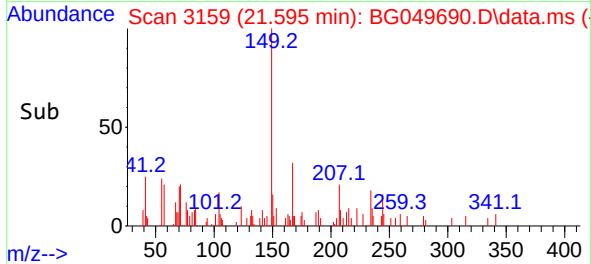




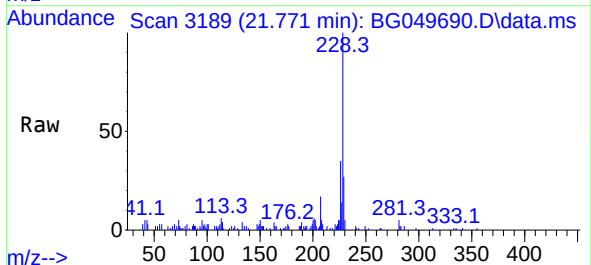
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.183 ng/ul
RT: 21.595 min Scan# 3159
Delta R.T. -0.006 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39



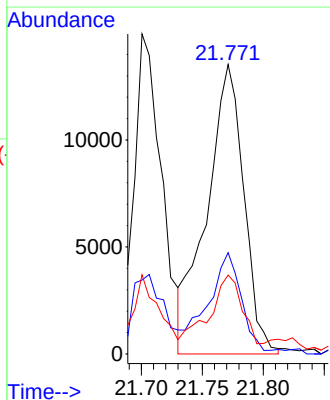
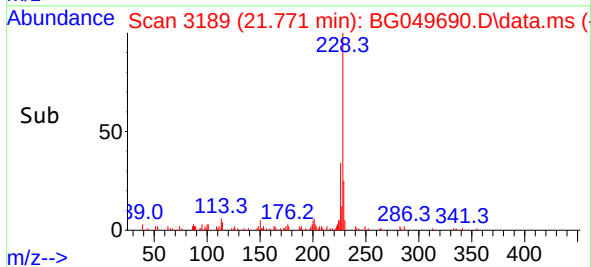
Tgt Ion:149 Resp: 6455
Ion Ratio Lower Upper
149 100
167 31.9 19.9 29.9#
279 7.8 3.6 5.4#



#87
Chrysene
Concen: 3.258 ng/ul
RT: 21.771 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39



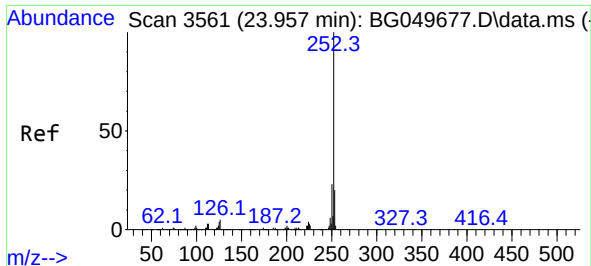
Tgt Ion:228 Resp: 28787
Ion Ratio Lower Upper
228 100
226 35.0 24.7 37.1
229 27.2 15.4 23.2#



Instrument :
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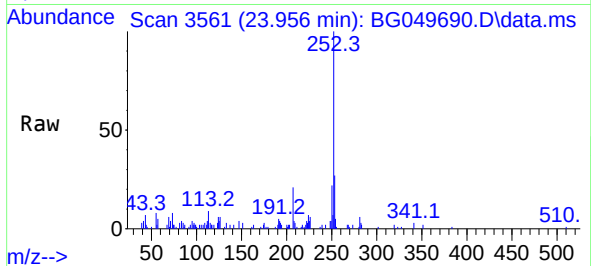
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#90
Benzo(b)fluoranthene
Concen: 4.050 ng/ul
RT: 23.956 min Scan# 3561
Delta R.T. -0.000 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39

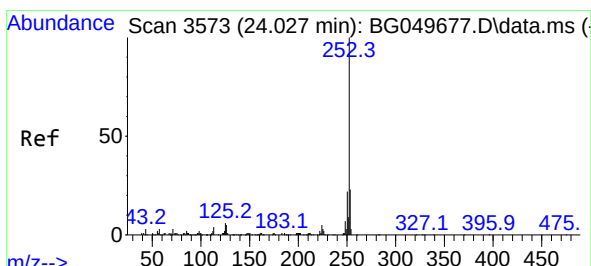
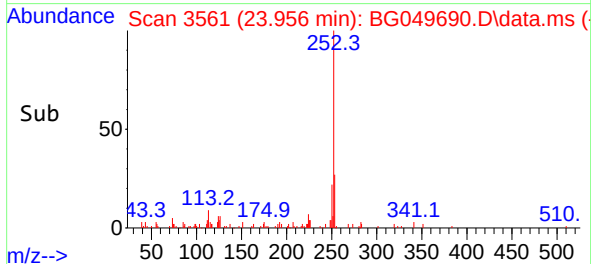
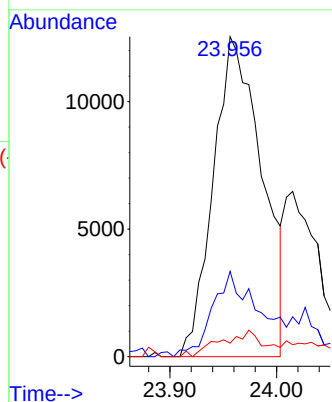
Instrument :
BNA_G
ClientSampled :
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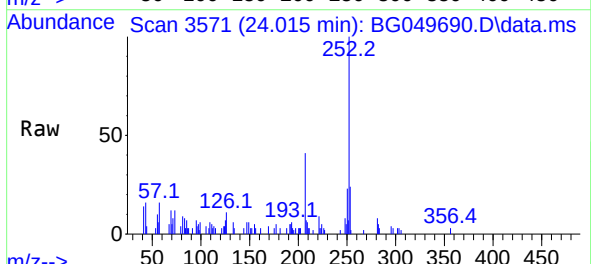
Tgt Ion:252 Resp: 39724
Ion Ratio Lower Upper
252 100
253 26.7 17.4 26.2#
125 4.2 3.7 5.5

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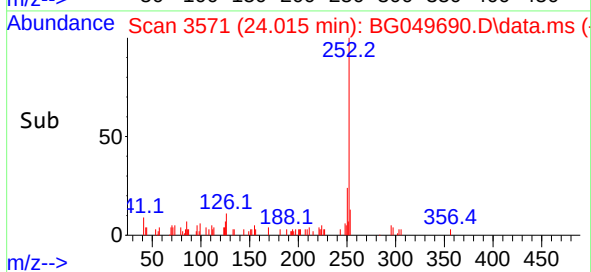
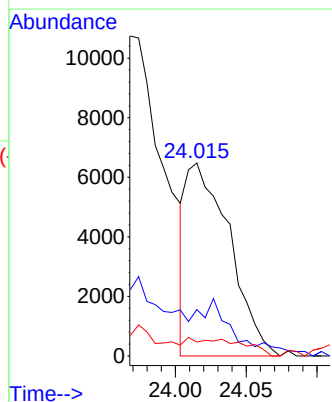
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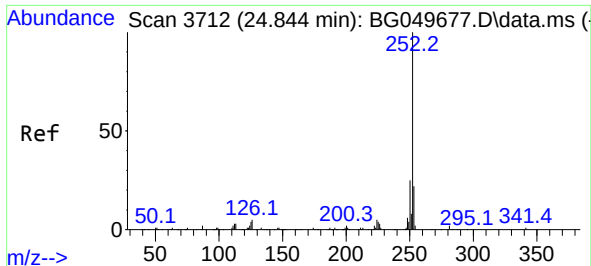


#91
Benzo(k)fluoranthene
Concen: 1.409 ng/ul m
RT: 24.015 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39

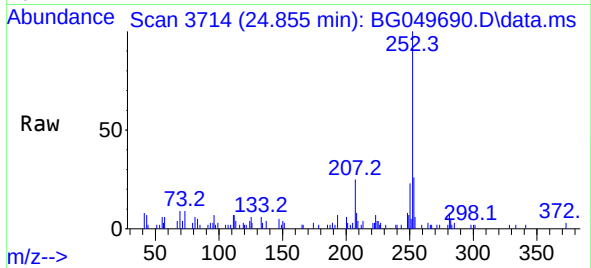


Tgt Ion:252 Resp: 13724
Ion Ratio Lower Upper
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253 24.1 17.8 26.8
125 7.2 3.8 5.8#

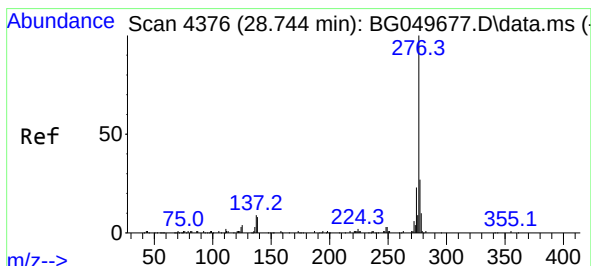
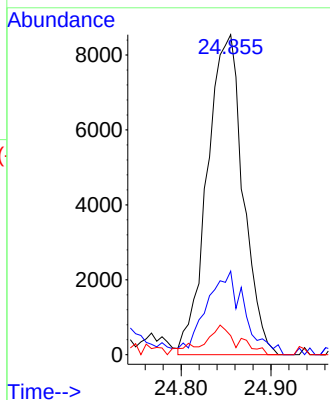
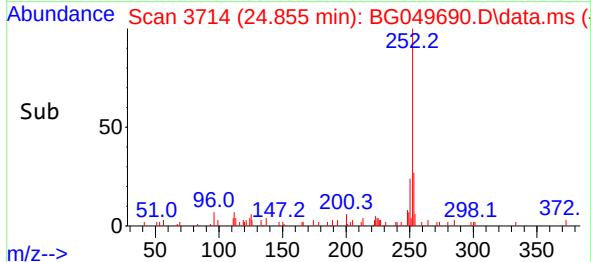




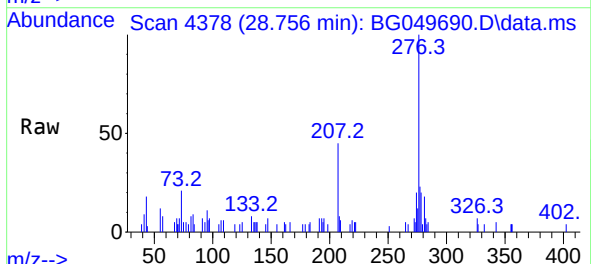
#93
Benzo(a)pyrene
Concen: 2.738 ng/ul
RT: 24.855 min Scan# 3714
Delta R.T. 0.005 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39



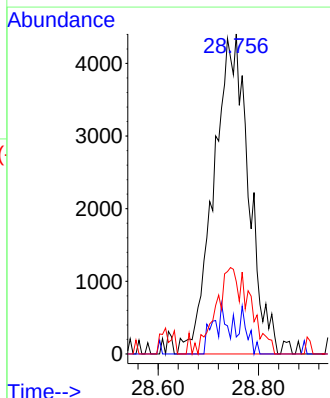
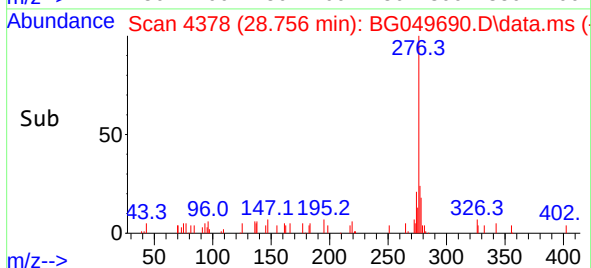
Tgt Ion:252 Resp: 23638
Ion Ratio Lower Upper
252 100
253 26.1 17.7 26.5
125 5.9 4.6 7.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.870 ng/ul m
RT: 28.756 min Scan# 4378
Delta R.T. 0.011 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39



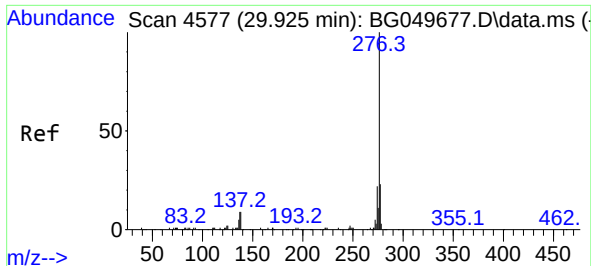
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Ion Ratio Lower Upper
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277 22.6 19.4 29.2



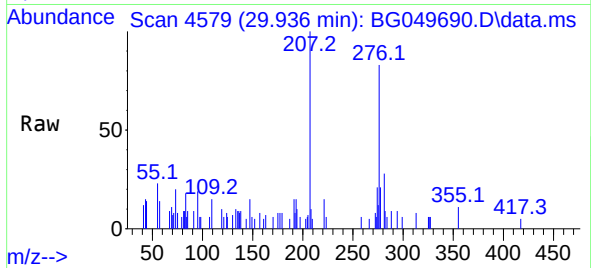
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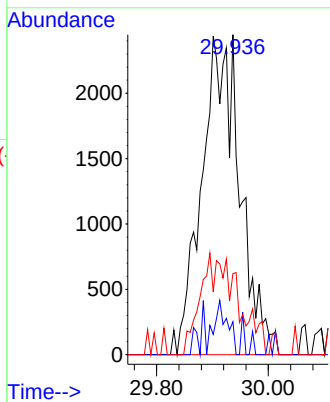
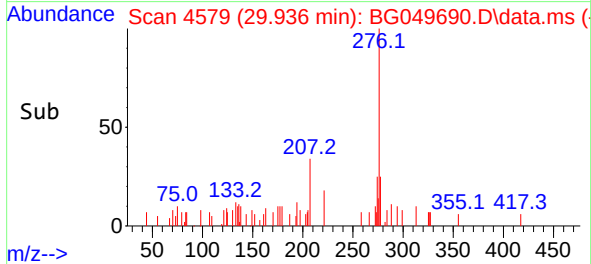
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#96
Benzo(g,h,i)perylene
Concen: 1.226 ng/ul m
RT: 29.936 min Scan# 4579
Delta R.T. 0.017 min
Lab File: BG049690.D
Acq: 7 Aug 2021 00:39



Tgt Ion: 276 Resp: 11556
Ion Ratio Lower Upper
276 100
138 10.3 7.2 10.8
277 25.4 19.5 29.3



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