

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049240.D
 Acq On : 9 Jul 2021 16:38
 Operator : CG/JU
 Sample : M2878-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGDZ8

Manual Integrations
 APPROVED

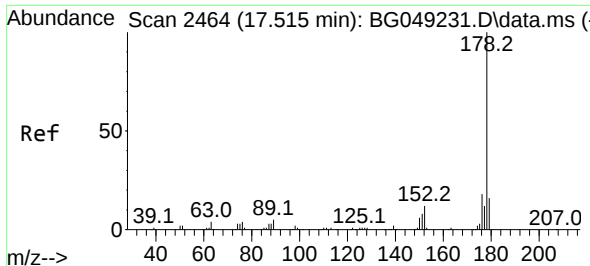
mohammad
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Quant Time: Jul 09 17:15:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

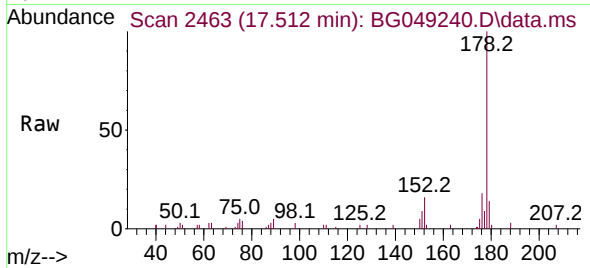
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	27256	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.896	136	111378	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.721	164	83849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.471	188	198910	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.754	240	214219	20.000	ng/ul	0.00
88) Perylene-d12	25.050	264	220376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1395	2.408	ng/uL	0.00
4) Pyridine-d5	3.904	84	9481	5.565	ng/ul	0.02
7) Phenol-d5	7.224	99	31453	13.266	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	20161	14.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.606	132	24716	14.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	26947	14.186	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	13028	15.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.968	143	15041	15.331	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.514	165	27256	14.237	ng/ul	0.00
31) 4-Chloroaniline-d4	11.025	131	33424	13.398	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	102630	15.915	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	116299	15.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	15924	14.919	ng/ul	0.00
60) Fluorene-d10	15.714	176	86386	15.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	17153	13.567	ng/ul	0.00
73) Anthracene-d10	17.571	188	145251	16.039	ng/ul	0.00
81) Pyrene-d10	19.856	212	161374	14.698	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.821	264	132305	11.549	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.512	178	17357	1.789	ng/ul	98
80) Fluoranthene	19.521	202	68876	5.394	ng/ul	99
82) Pyrene	19.880	202	46044	3.619	ng/ul#	96
85) Benzo(a)anthracene	21.736	228	41234	3.132	ng/ul	98
87) Chrysene	21.801	228	32582	2.616	ng/ul	95
90) Benzo(b)fluoranthene	24.004	252	39851m	2.931	ng/ul	
91) Benzo(k)fluoranthene	24.063	252	14326	1.081	ng/ul#	89
93) Benzo(a)pyrene	24.891	252	19427	1.624	ng/ul	96

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



#72
Phenanthrene
Concen: 1.789 ng/ul
RT: 17.512 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BG049240.D
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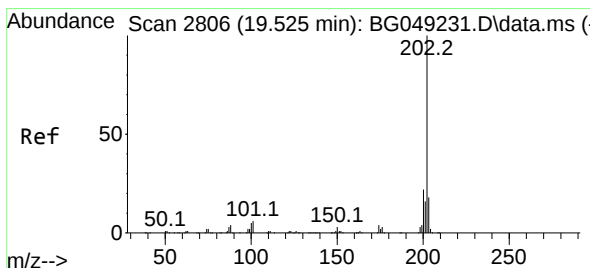
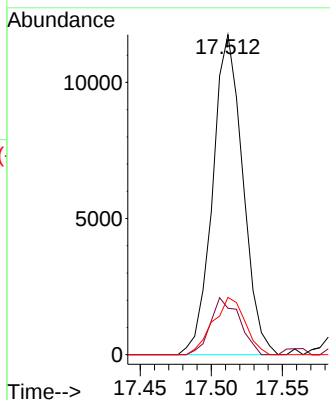
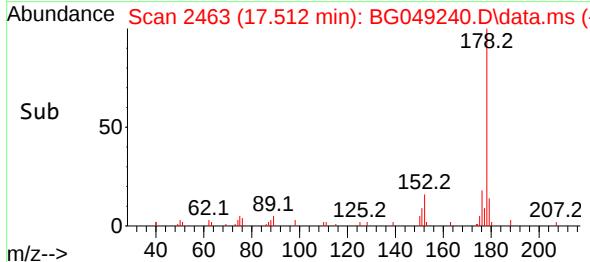
Instrument :
BNA_G
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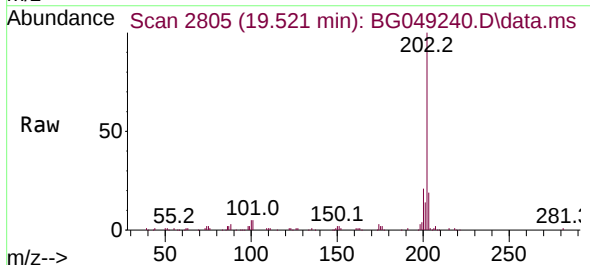
Tgt Ion:178 Resp: 17357
Ion Ratio Lower Upper
178 100
179 14.5 11.7 17.5
176 17.9 15.6 23.4

Manual Integrations
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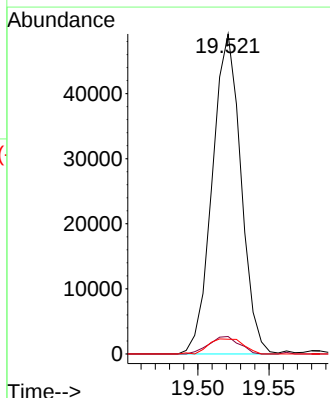
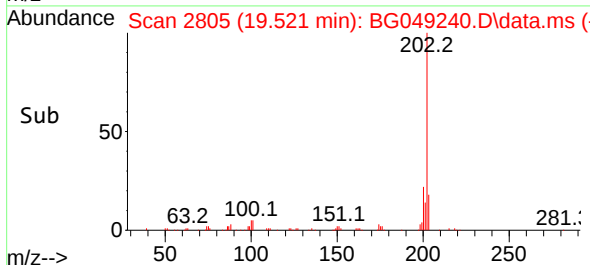
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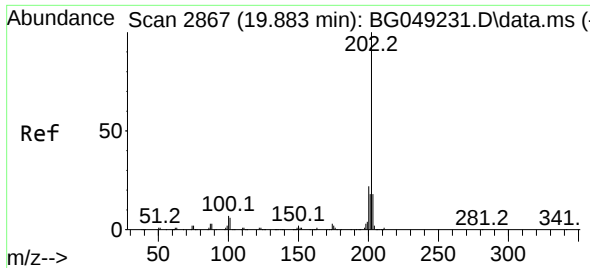


#80
Fluoranthene
Concen: 5.394 ng/ul
RT: 19.521 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BG049240.D
Acq: 9 Jul 2021 16:38



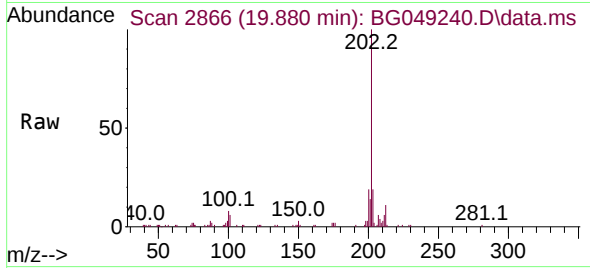
Tgt Ion:202 Resp: 68876
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.6 4.0 6.0





#82
Pyrene
Concen: 3.619 ng/ul
RT: 19.880 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG049240.D
Acq: 9 Jul 2021 16:38

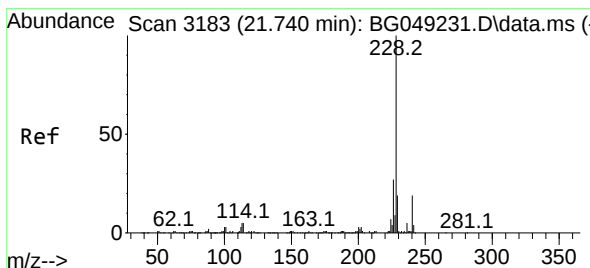
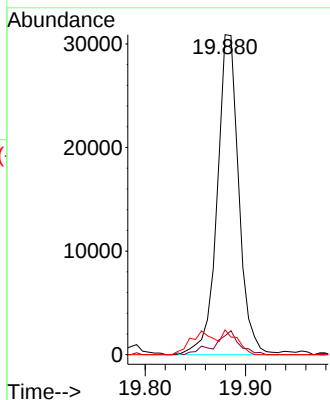
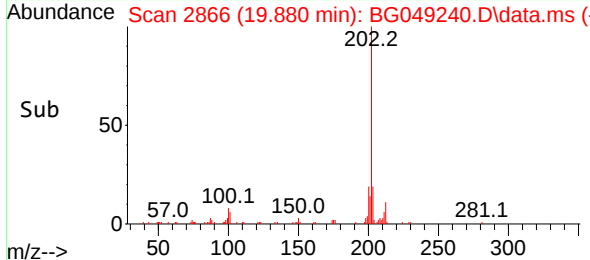
Instrument :
BNA_G
ClientSampleId :
BGDZ8



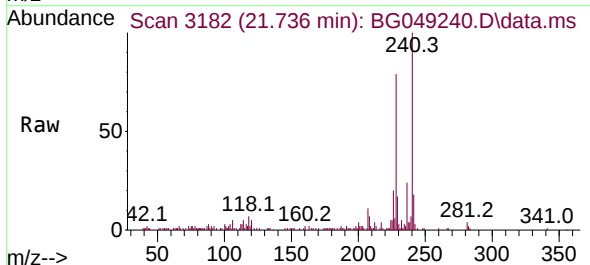
Tgt Ion:202 Resp: 46044
Ion Ratio Lower Upper
202 100
101 5.9 5.8 8.8
100 7.8 5.0 7.6#

Manual Integrations
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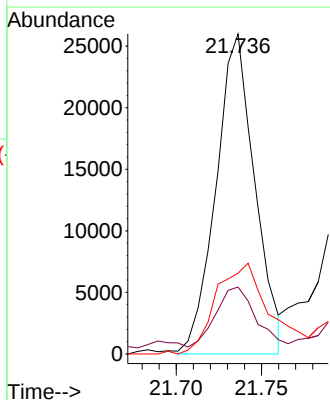
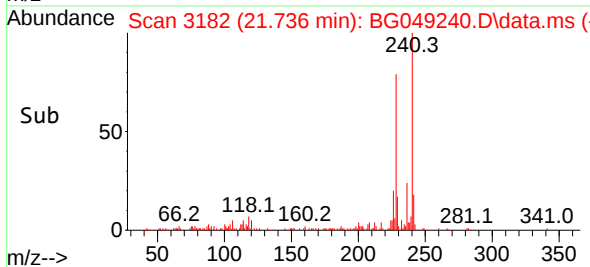
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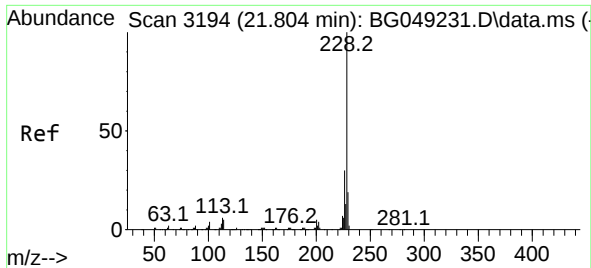


#85
Benzo(a)anthracene
Concen: 3.132 ng/ul
RT: 21.736 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BG049240.D
Acq: 9 Jul 2021 16:38



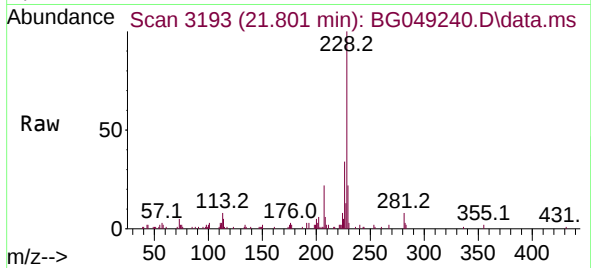
Tgt Ion:228 Resp: 41234
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 25.3 21.3 31.9





#87
Chrysene
Concen: 2.616 ng/ul
RT: 21.801 min Scan# 3193
Delta R.T. -0.000 min
Lab File: BG049240.D
Acq: 9 Jul 2021 16:38

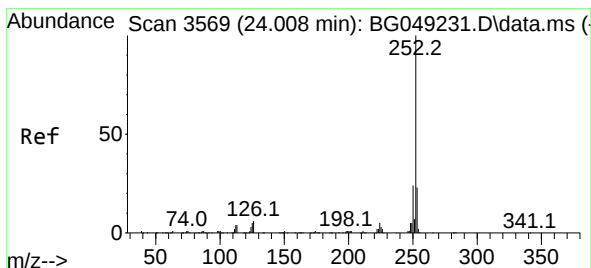
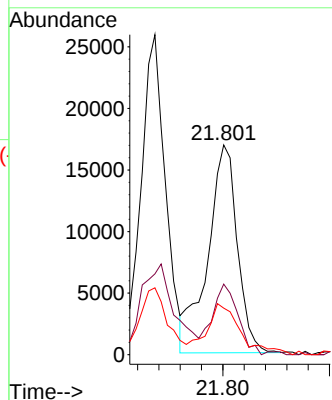
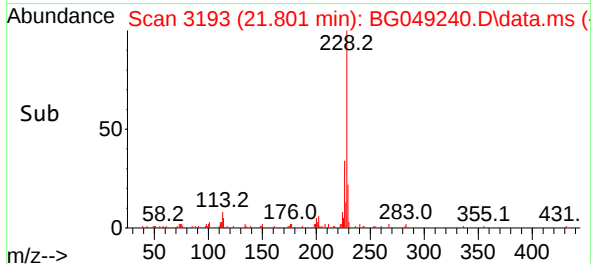
Instrument :
BNA_G
ClientSampleId :
BGDZ8



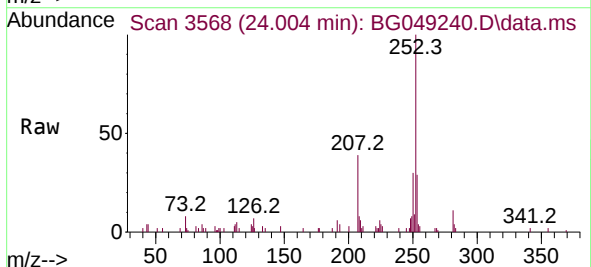
Tgt Ion:228 Resp: 32582
Ion Ratio Lower Upper
228 100
226 33.6 24.0 36.0
229 22.2 16.4 24.6

Manual Integrations
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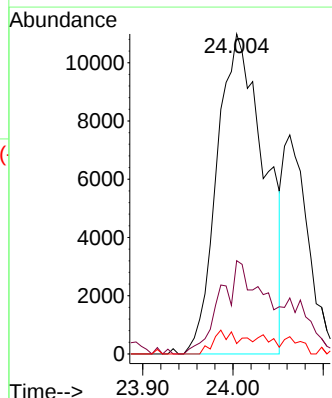
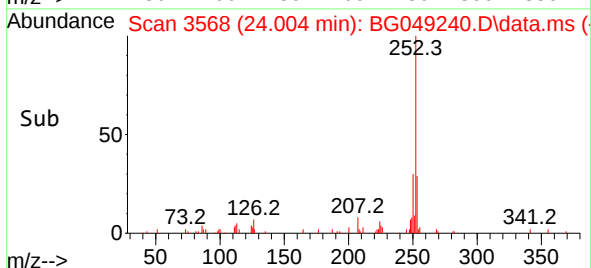
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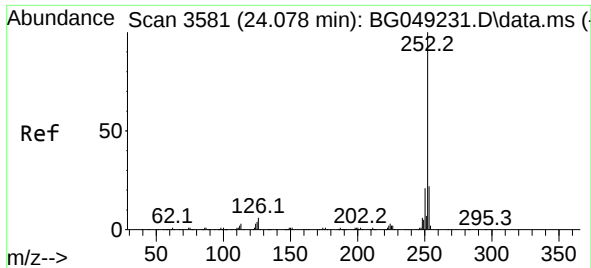


#90
Benzo(b)fluoranthene
Concen: 2.931 ng/ul m
RT: 24.004 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BG049240.D
Acq: 9 Jul 2021 16:38



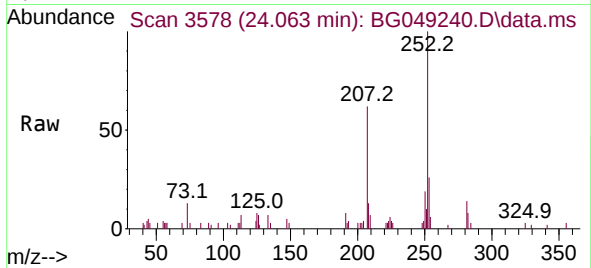
Tgt Ion:252 Resp: 39851
Ion Ratio Lower Upper
252 100
253 29.2 17.6 26.4#
125 3.3 4.8 7.2#





#91
Benzo(k)fluoranthene
Concen: 1.081 ng/ul
RT: 24.063 min Scan# 3578
Delta R.T. -0.006 min
Lab File: BG049240.D
Acq: 9 Jul 2021 16:38

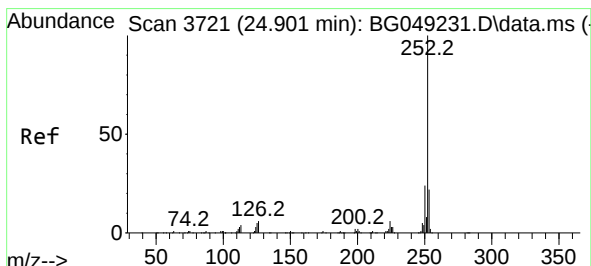
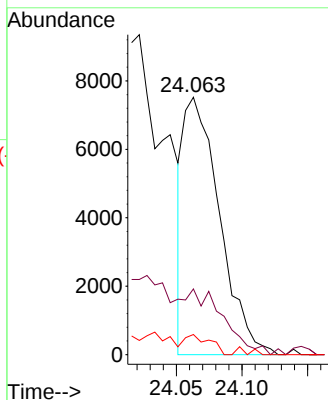
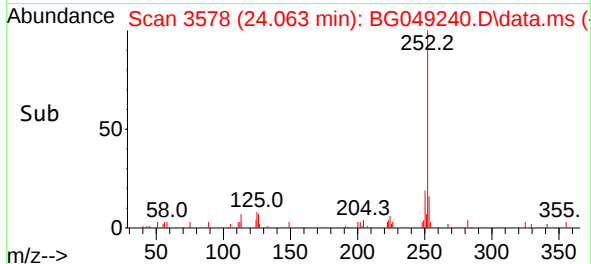
Instrument :
BNA_G
ClientSampleId :
BGDZ8



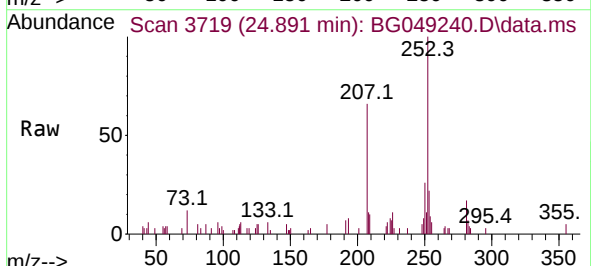
Tgt Ion:252 Resp: 14326
Ion Ratio Lower Upper
252 100
253 25.5 16.2 24.2#
125 7.9 3.7 5.5#

Manual Integrations
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#93
Benzo(a)pyrene
Concen: 1.624 ng/ul
RT: 24.891 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BG049240.D
Acq: 9 Jul 2021 16:38



Tgt Ion:252 Resp: 19427
Ion Ratio Lower Upper
252 100
253 21.8 19.1 28.7
125 5.4 4.6 7.0

