

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049683.D
 Acq On : 6 Aug 2021 19:51
 Operator : CG/JU
 Sample : M3124-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0089

Manual Integrations
 APPROVED

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Quant Time: Aug 06 23:35:59 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	38342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	154739	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	98030	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	200556	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	174829	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	181279	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	2244	2.736	ng/uL	0.01
4) Pyridine-d5	3.866	84	11235m	4.565	ng/ul	0.02
7) Phenol-d5	7.203	99	73455	21.109	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	45994	23.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	59561	23.915	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	35798	13.492	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	31224	25.616	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	38726	27.820	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	58423	22.258	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	60125	16.733	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	206938	26.900	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	235235	25.702	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	29038	23.346	ng/ul	0.00
60) Fluorene-d10	15.685	176	172252	26.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	27486	20.362	ng/ul	0.00
73) Anthracene-d10	17.541	188	241329	25.492	ng/ul	0.00
81) Pyrene-d10	19.833	212	243012	25.228	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	189529	19.081	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.498	202	27416	2.306	ng/ul#	96
82) Pyrene	19.856	202	17069	1.440	ng/ul	97
85) Benzo(a)anthracene	21.701	228	12436	1.083	ng/ul#	88
87) Chrysene	21.771	228	13560	1.265	ng/ul#	94
90) Benzo(b)fluoranthene	23.962	252	19467	1.643	ng/ul#	88

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

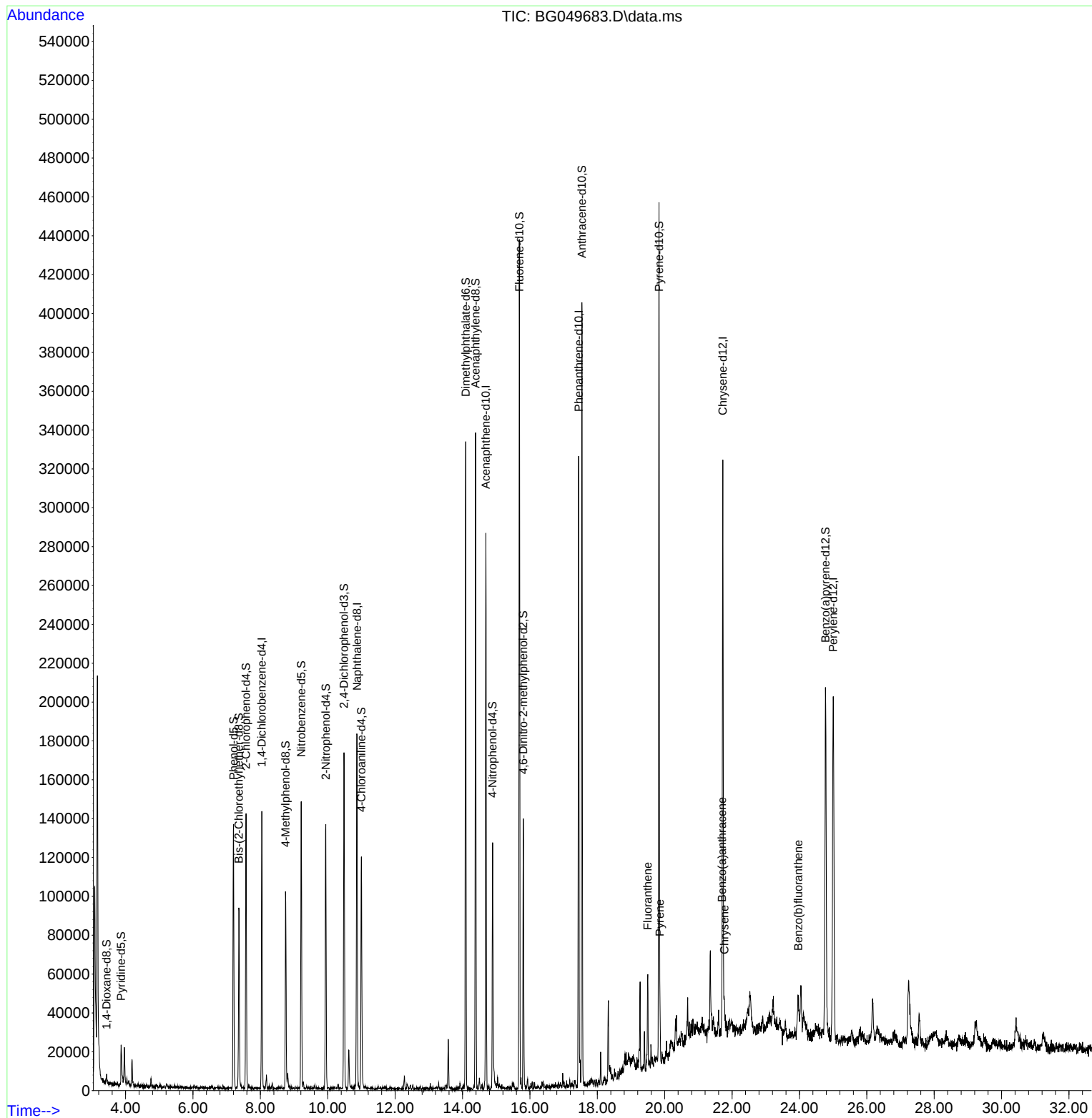
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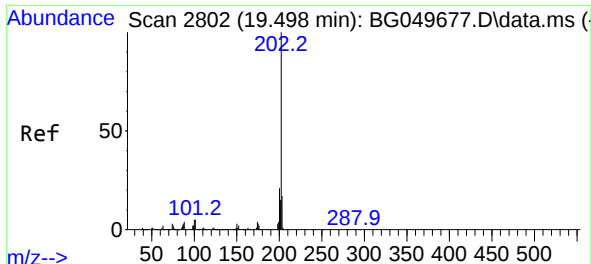
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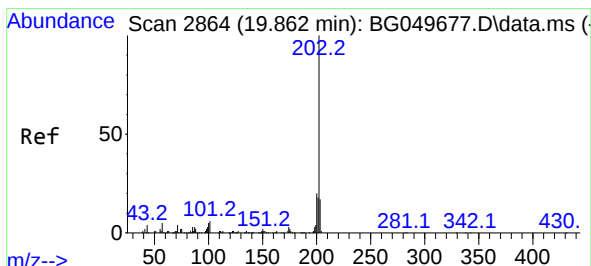
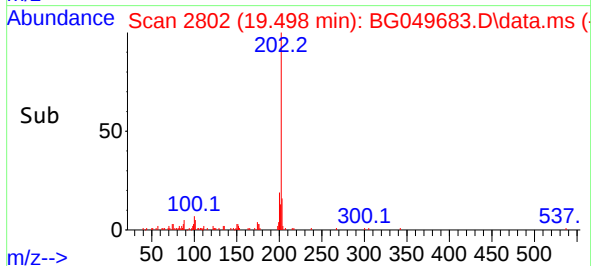
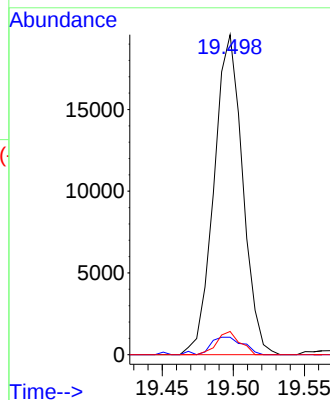
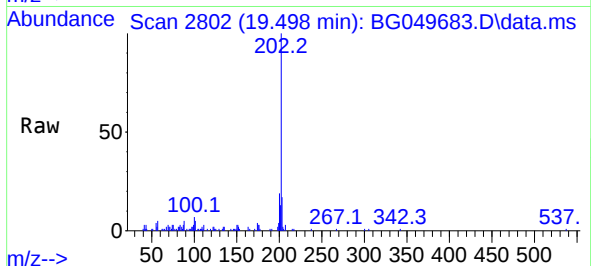
#80
Fluoranthene
Concen: 2.306 ng/u1
RT: 19.498 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BG049683.D
Acq: 6 Aug 2021 19:51

Tgt Ion:	202	Resp:	27416
Ion Ratio	Lower	Upper	
202	100		
101	5.5	4.8	7.2
100	7.3	3.9	5.9#

Instrument :
BNA_G
ClientSampled :
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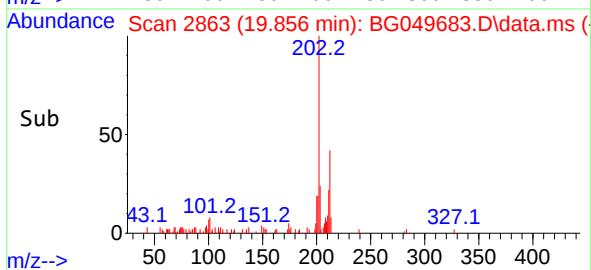
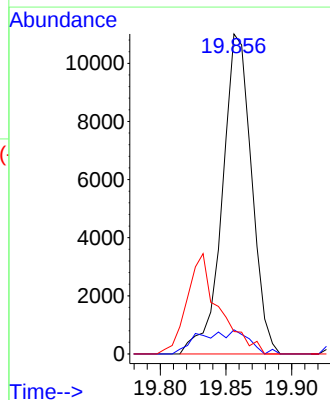
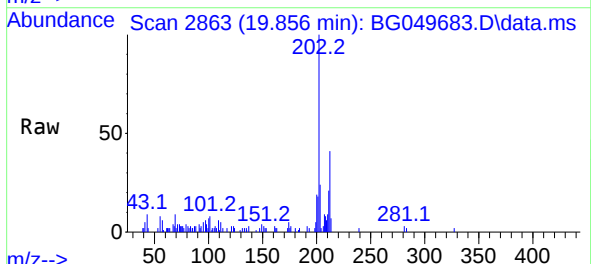
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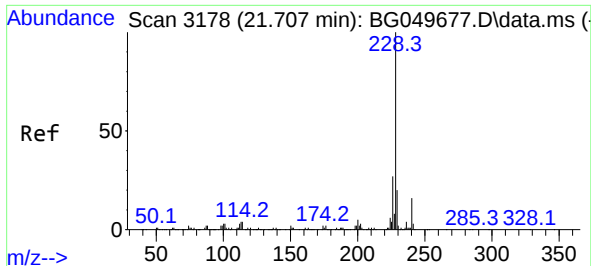
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#82
Pyrene
Concen: 1.440 ng/u1
RT: 19.856 min Scan# 2863
Delta R.T. -0.006 min
Lab File: BG049683.D
Acq: 6 Aug 2021 19:51

Tgt Ion:	202	Resp:	17069
Ion Ratio	Lower	Upper	
202	100		
101	7.5	5.2	7.8
100	7.0	4.8	7.2





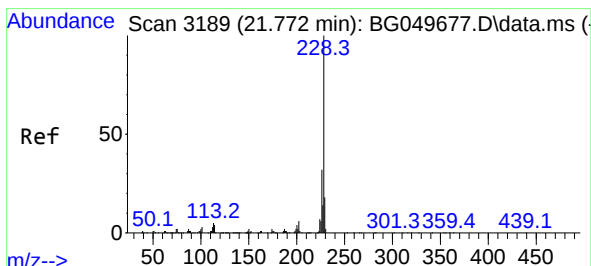
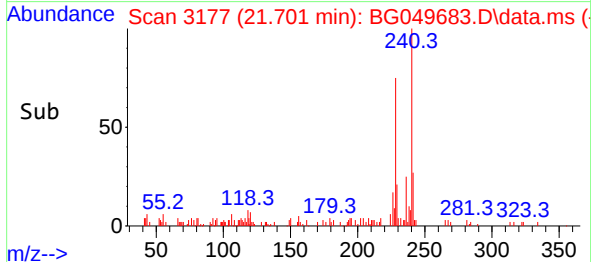
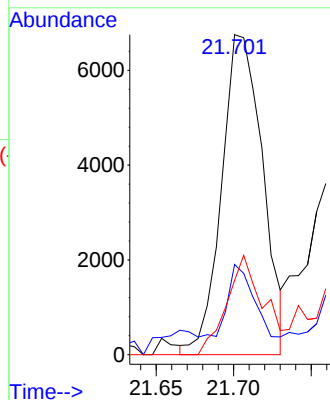
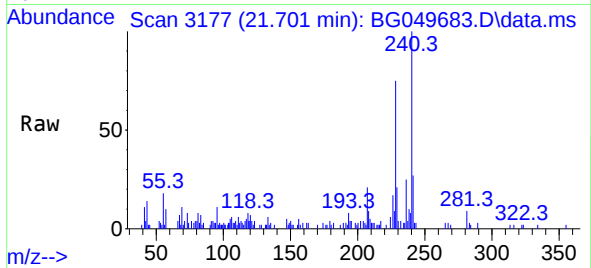
#85
Benzo(a)anthracene
Concen: 1.083 ng/uI
RT: 21.701 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG049683.D
Acq: 6 Aug 2021 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.2	15.3	22.9#
226	23.2	21.0	31.6

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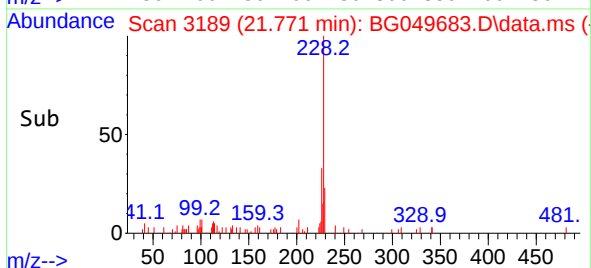
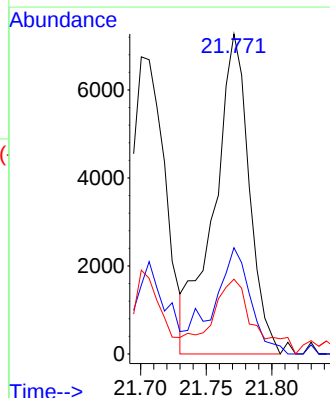
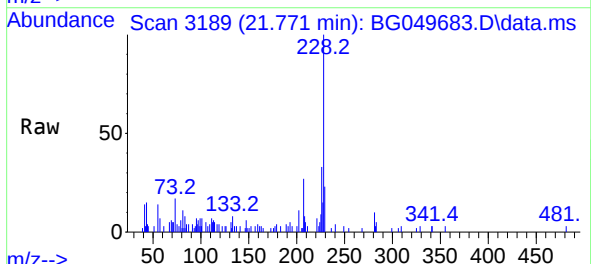
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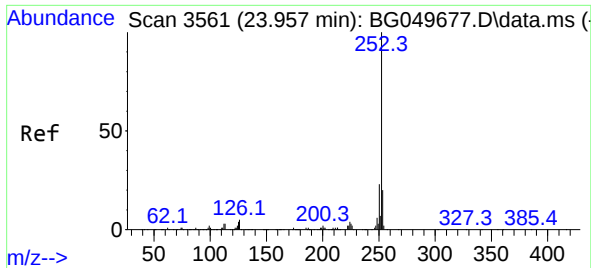
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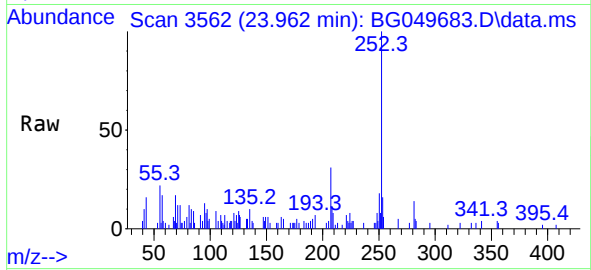
#87
Chrysene
Concen: 1.265 ng/uI
RT: 21.771 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG049683.D
Acq: 6 Aug 2021 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.7	37.1
229	23.4	15.4	23.2#

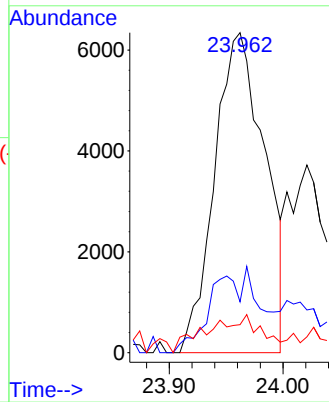
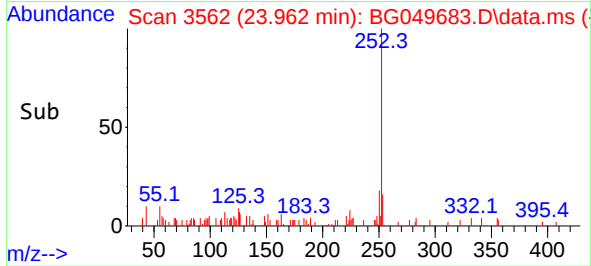




#90
Benzo(b)fluoranthene
Concen: 1.643 ng/ul
RT: 23.962 min Scan# 3562
Delta R.T. 0.005 min
Lab File: BG049683.D
Acq: 6 Aug 2021 19:51



Tgt Ion:252 Resp: 19467
Ion Ratio Lower Upper
252 100
253 15.9 17.4 26.2#
125 8.8 3.7 5.5#



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