Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049560.D
Acq On : 29 Jul 2021 15:13
Operator : CG/JU
Sample : M3123-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0070

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Quant Time: Jul 29 15:56:34 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	8.052	152	18771	20.000	ng/ul	0.00
20) Naphthalene-d8	10.872	136	79588	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.702	164	60815	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	132913	20.000	ng/ul	0.00
79) Chrysene-d12	21.728	240	128469	20.000	ng/ul	0.00
88) Perylene-d12	25.018	264	136895	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	67	0.163	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.201	99	12369	7.448	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	7478	7.950	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	9424	7.916	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	8809	7.037	ng/ul	0.00
21) Nitrobenzene-d5	9.221	128	4903	8.013	ng/ul	0.00
24) 2-Nitrophenol-d4	9.944	143	6075	8.472	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	9346	7.167	ng/ul	0.00
31) 4-Chloroaniline-d4	11.013	131	384	0.211	ng/ul	0.01
46) Dimethylphthalate-d6	14.097	166	34535	7.413	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	43163	7.977	ng/ul	0.00
54) 4-Nitrophenol-d4	14.908	143	2228m	2.904	ng/ul	0.02
60) Fluorene-d10	15.689	176	34950	8.708	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	3576m	4.342	ng/ul	0.00
73) Anthracene-d10	17.545	188	50630	8.196	ng/ul	0.00
81) Pyrene-d10	19.836	212	63417	9.654	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.783	264	52939	7.358	ng/ul	0.01
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.523	142	8149	2.716	ng/ul	97
37) 1-Methylnaphthalene	12.746	142	4702	1.551	ng/ul#	96
72) Phenanthrene	17.487	178	17623	2.547	ng/ul	97
87) Chrysene	21.775	228	9480	1.261	ng/ul#	81

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

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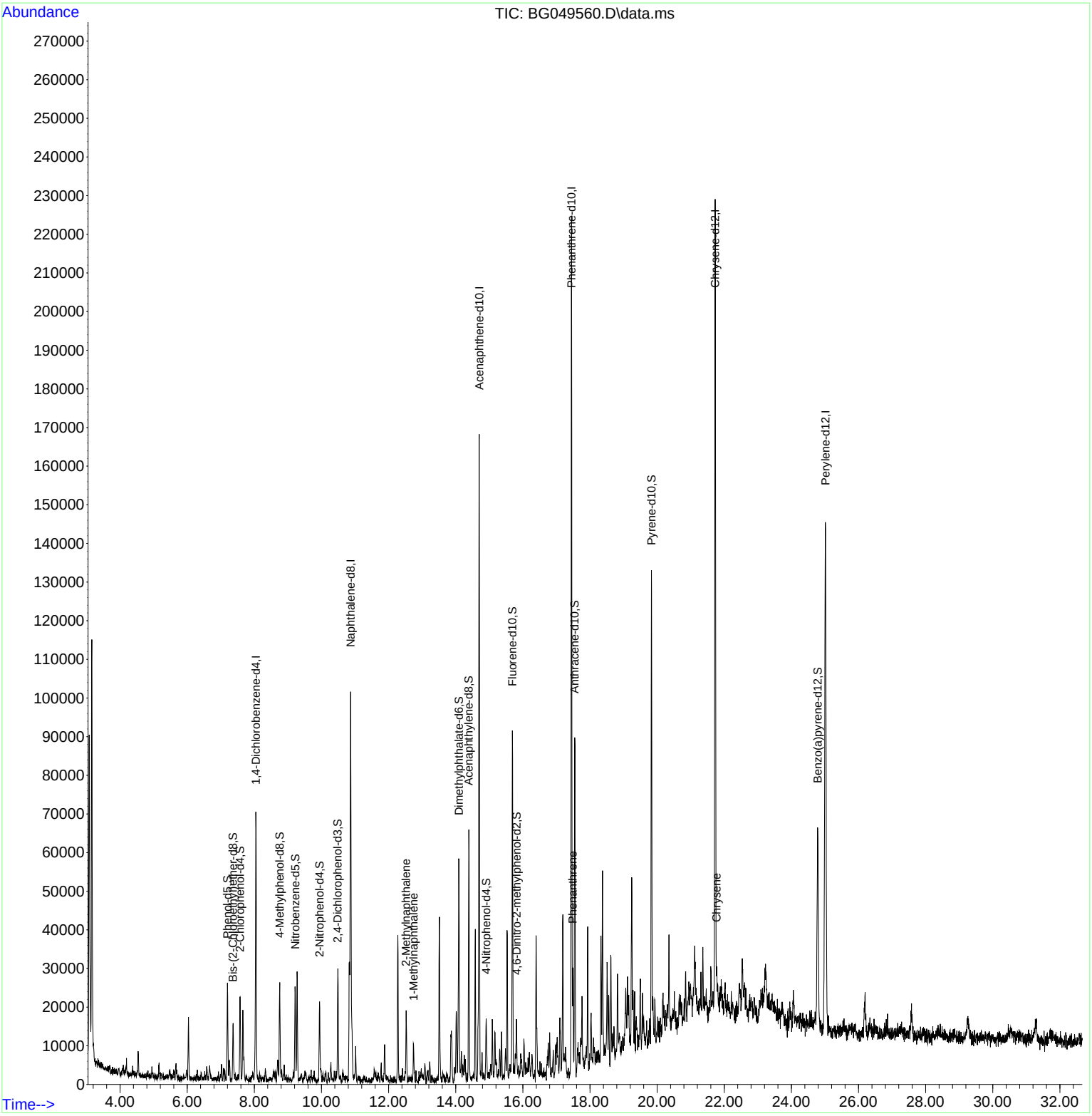
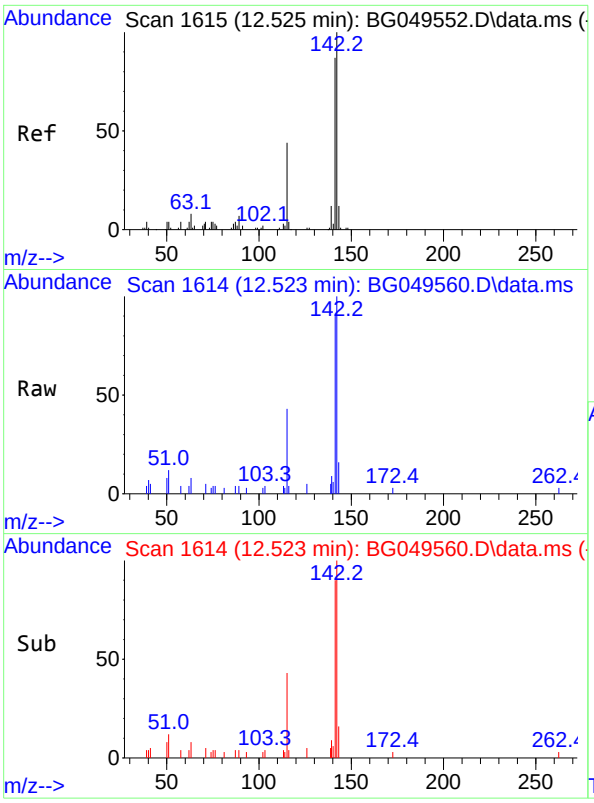
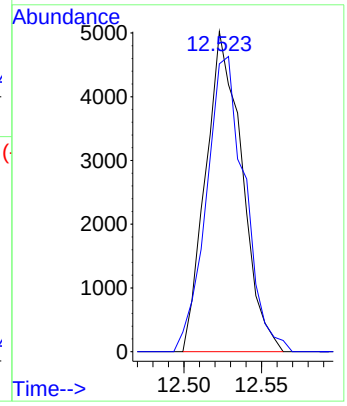




#36
2-Methylnaphthalene
Concen: 2.716 ng/ul
RT: 12.523 min Scan# 1614
Delta R.T. -0.003 min
Lab File: BG049560.D
Acq: 29 Jul 2021 15:13

Tgt Ion:142 Resp: 8149

Ion	Ratio	Lower	Upper
142	100		
141	90.0	69.9	104.9



Instrument :
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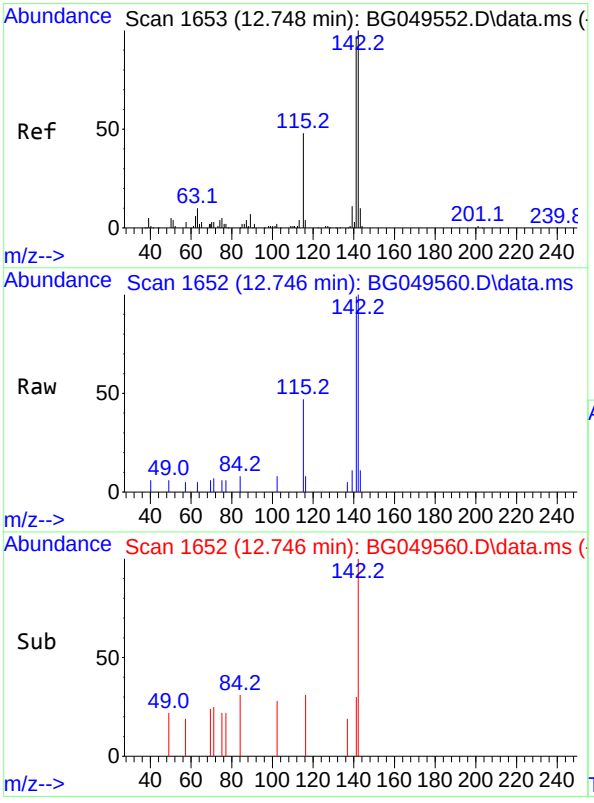
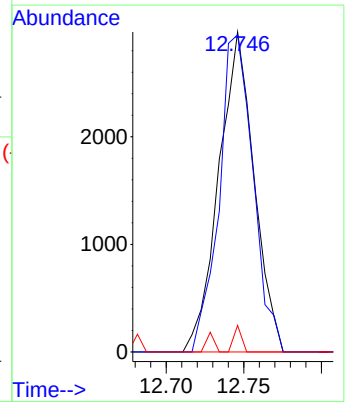
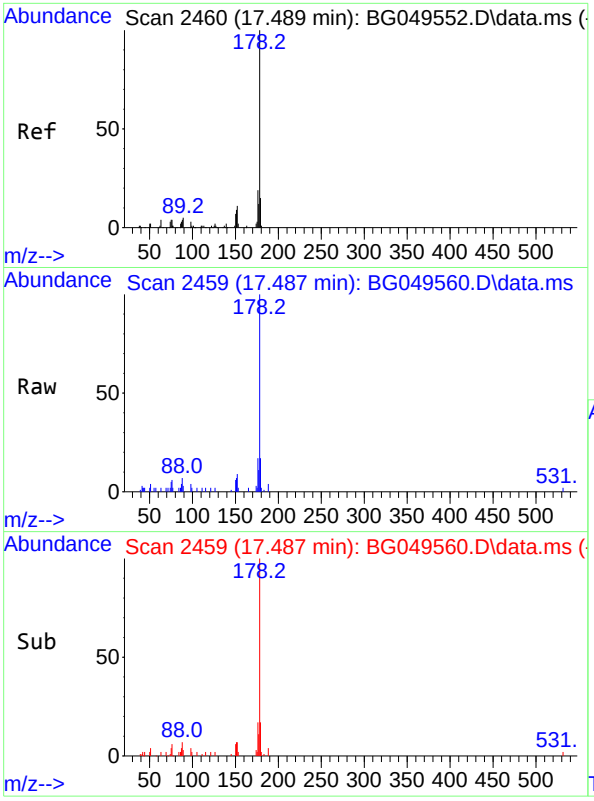


#37
1-Methylnaphthalene
Concen: 1.551 ng/ul
RT: 12.746 min Scan# 1652
Delta R.T. 0.003 min
Lab File: BG049560.D
Acq: 29 Jul 2021 15:13

Tgt Ion:142 Resp: 4702

Ion	Ratio	Lower	Upper
142	100		
141	99.1	82.1	123.1
116	8.3	3.8	5.6#

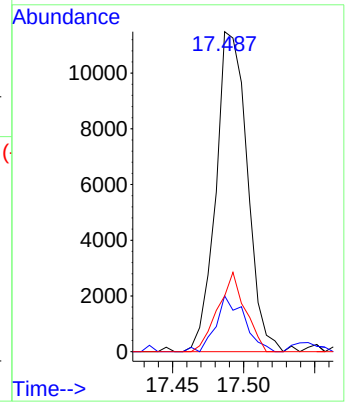


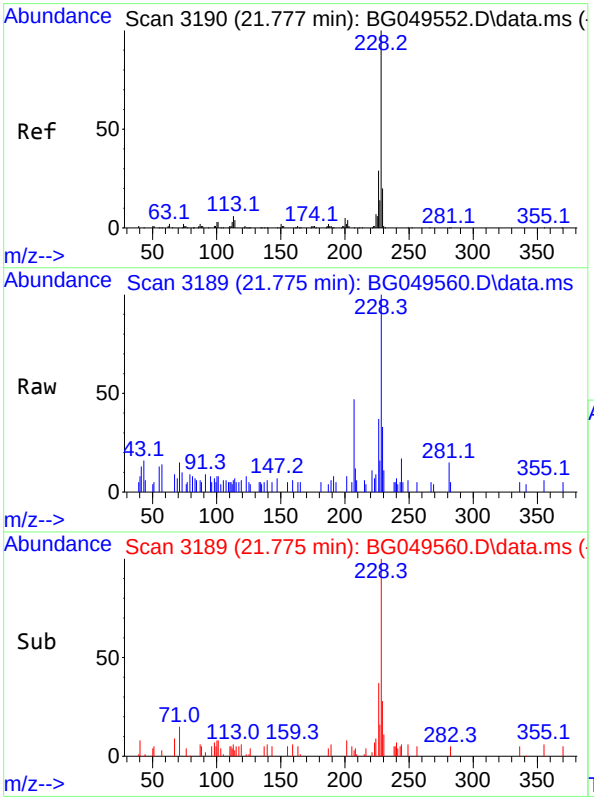


#72
Phenanthrene
Concen: 2.547 ng/ul
RT: 17.487 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG049560.D
Acq: 29 Jul 2021 15:13

Tgt Ion:178 Resp: 17623

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.2	19.8
176	17.4	15.0	22.6

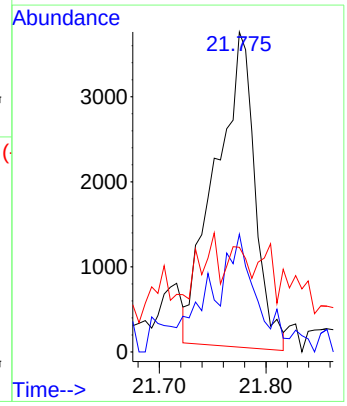




#87
Chrysene
Concen: 1.261 ng/ul
RT: 21.775 min Scan# 3189
Delta R.T. 0.003 min
Lab File: BG049560.D
Acq: 29 Jul 2021 15:13

Tgt Ion:228 Resp: 9480

Ion	Ratio	Lower	Upper
228	100		
226	36.8	24.6	37.0
229	32.7	14.9	22.3#



Instrument :
BNA_G
ClientSampleId :
C0070

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