

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
 Data File : BG049558.D
 Acq On : 29 Jul 2021 13:51
 Operator : CG/JU
 Sample : M3123-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0066

Manual Integrations
 APPROVED

mohammad
 7/30/2021 11:59:55 AM

Quant Time: Jul 29 15:12:28 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	8.049	152	19170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	81645	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	59644	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	138171	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	132555	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	139399	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	639m	1.525	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.203	99	16299	9.610	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	9555	9.947	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	12766	10.500	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	12639	9.886	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	6733	10.726	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	8091	11.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	13435	10.043	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	11274	6.047	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	48406	10.595	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	58972	11.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	5757m	7.652	ng/ul	0.02
60) Fluorene-d10	15.692	176	48295	12.270	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	5444	6.358	ng/ul	0.00
73) Anthracene-d10	17.548	188	68553	10.675	ng/ul	0.00
81) Pyrene-d10	19.833	212	82593	12.186	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	71349	9.738	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	9221	2.193	ng/ul#	91
36) 2-Methylnaphthalene	12.525	142	11943	3.880	ng/ul	90
37) 1-Methylnaphthalene	12.743	142	7821	2.515	ng/ul#	95
72) Phenanthrene	17.489	178	18861	2.622	ng/ul	95

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

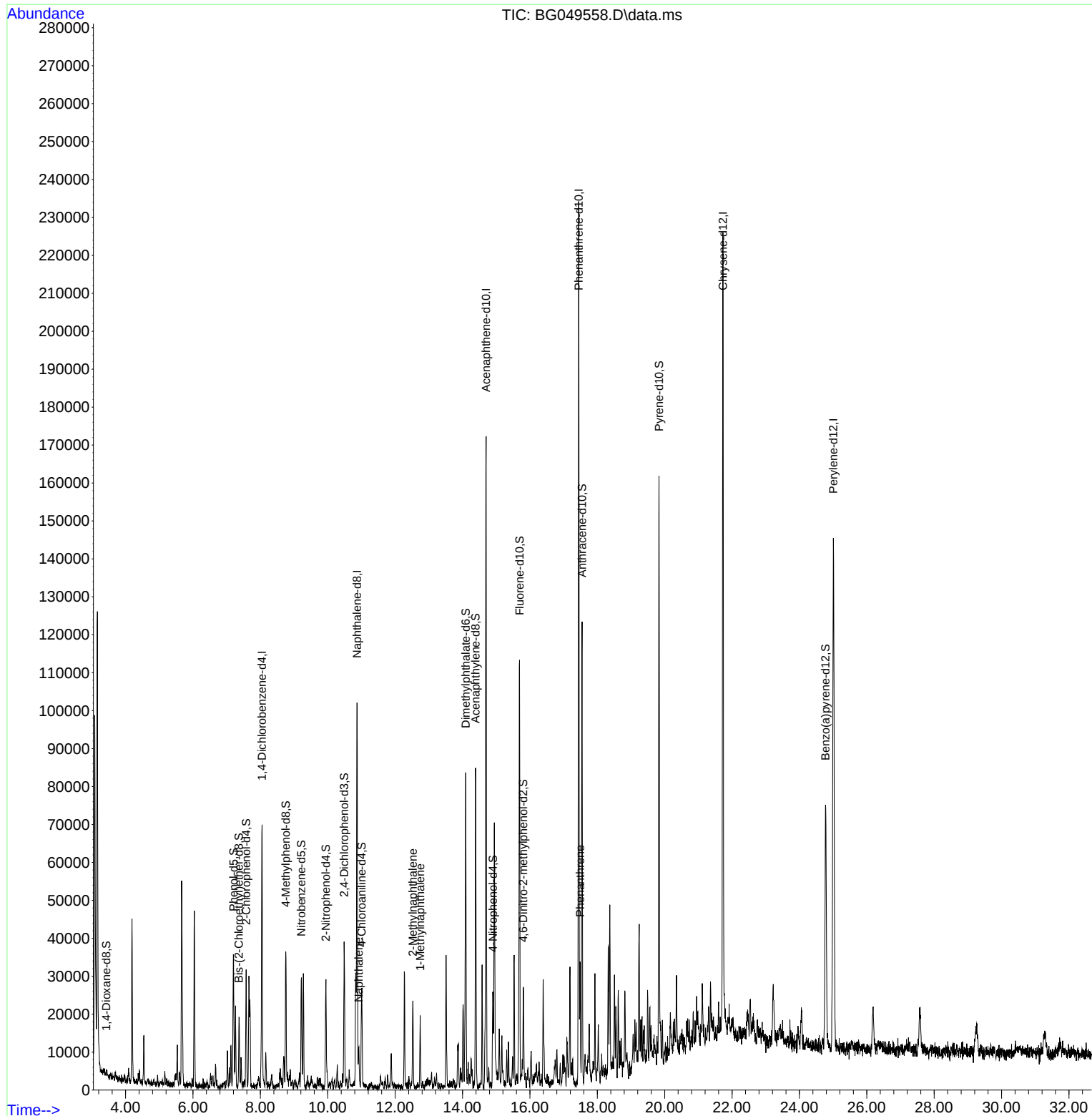
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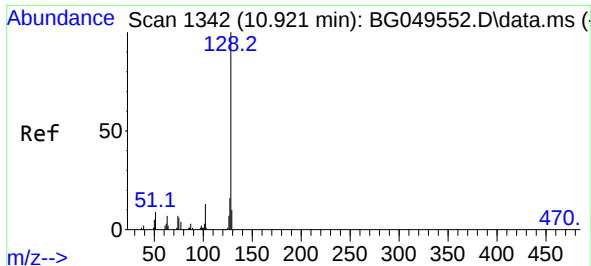
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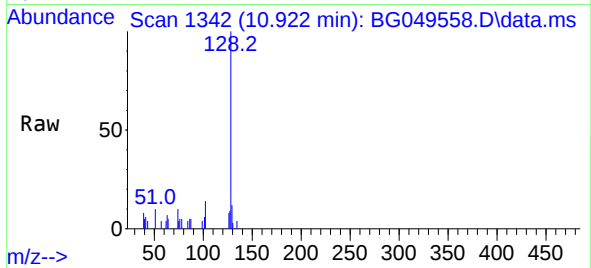
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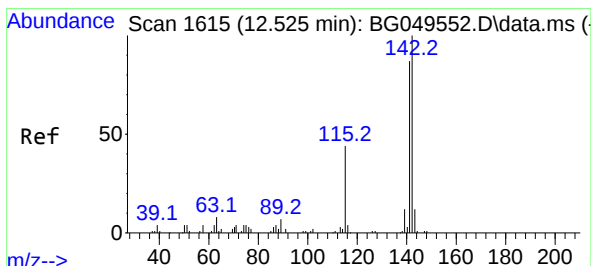
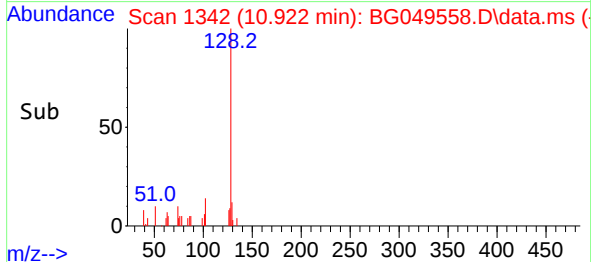
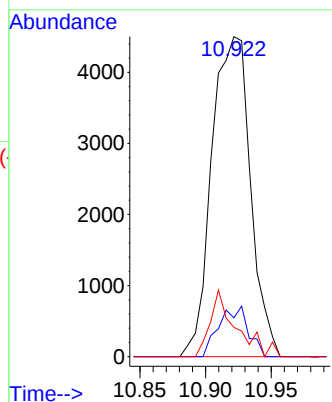


#30
Naphthalene
Concen: 2.193 ng/ul
RT: 10.922 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BG049558.D
Acq: 29 Jul 2021 13:51

Instrument :
BNA_G
ClientSampled :
C0066

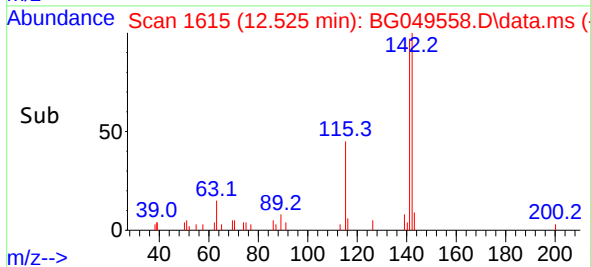
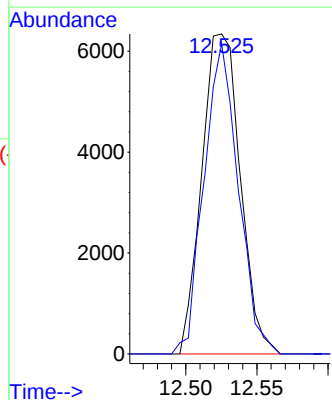
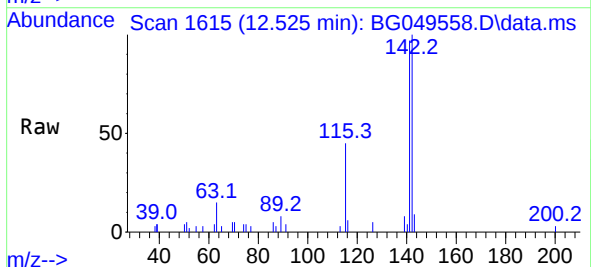


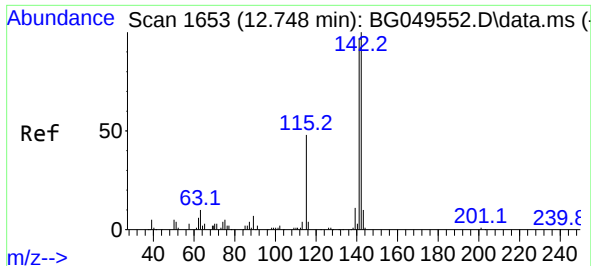
Tgt Ion:128 Resp: 9221
Ion Ratio Lower Upper
128 100
129 12.2 7.8 11.8#
127 9.1 11.0 16.6#



#36
2-Methylnaphthalene
Concen: 3.880 ng/ul
RT: 12.525 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BG049558.D
Acq: 29 Jul 2021 13:51

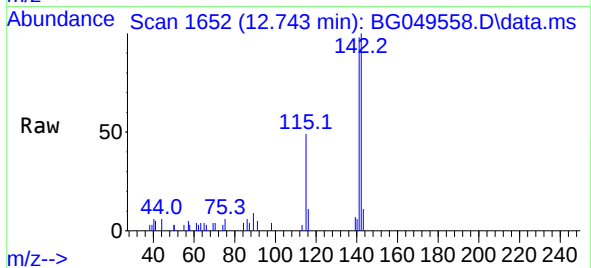
Tgt Ion:142 Resp: 11943
Ion Ratio Lower Upper
142 100
141 97.0 69.9 104.9





#37
1-Methylnaphthalene
Concen: 2.515 ng/ul
RT: 12.743 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BG049558.D
Acq: 29 Jul 2021 13:51

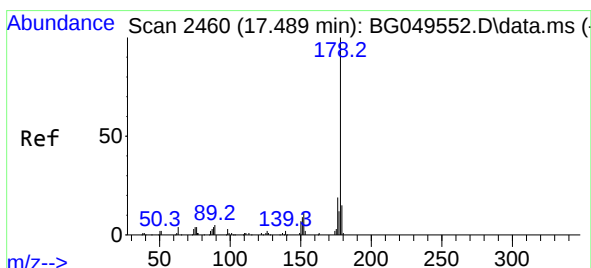
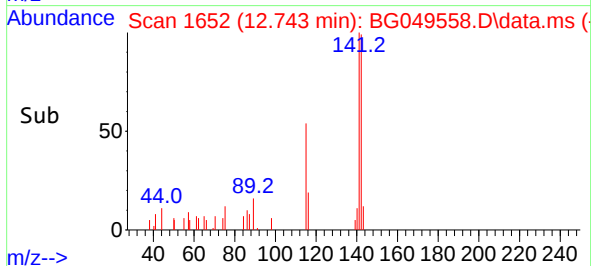
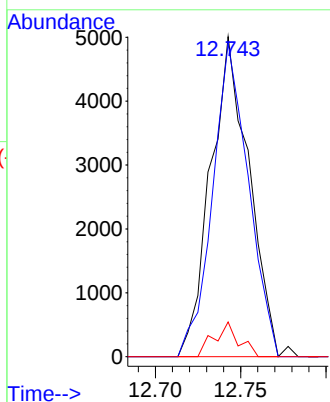
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Tgt Ion:142 Resp: 7821
Ion Ratio Lower Upper
142 100
141 97.9 82.1 123.1
116 10.8 3.8 5.6#

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#72
Phenanthrene
Concen: 2.622 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BG049558.D
Acq: 29 Jul 2021 13:51

Tgt Ion:178 Resp: 18861
Ion Ratio Lower Upper
178 100
179 14.0 13.2 19.8
176 16.8 15.0 22.6

