

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050097.D
 Acq On : 1 Sep 2021 16:19
 Operator : CG/JU
 Sample : M3494-01DL3 200X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAS53DL3

Manual Integrations
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Quant Time: Sep 01 17:04:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	33907	20.000	ng/ul	0.01
20) Naphthalene-d8	10.786	136	135798	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	92276	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.383	188	194487	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	187428	20.000	ng/ul	0.00
88) Perylene-d12	24.890	264	182617	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.290	67	118	0.074	ng/ul	0.01
11) 2-Chlorophenol-d4	7.502	132	57	0.026	ng/ul	0.01
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.022	166	1277	0.181	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1646	0.199	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.620	176	1039	0.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	19.768	212	1983	0.196	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	2008m	0.207	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.839	128	366394	53.980	ng/ul	97
36) 2-Methylnaphthalene	12.448	142	26484	5.249	ng/ul	100
37) 1-Methylnaphthalene	12.665	142	13376	2.626	ng/ul	84
52) Acenaphthene	14.692	153	11095	2.021	ng/ul	98
77) Carbazole	17.788	167	10805	1.236	ng/ul	95

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

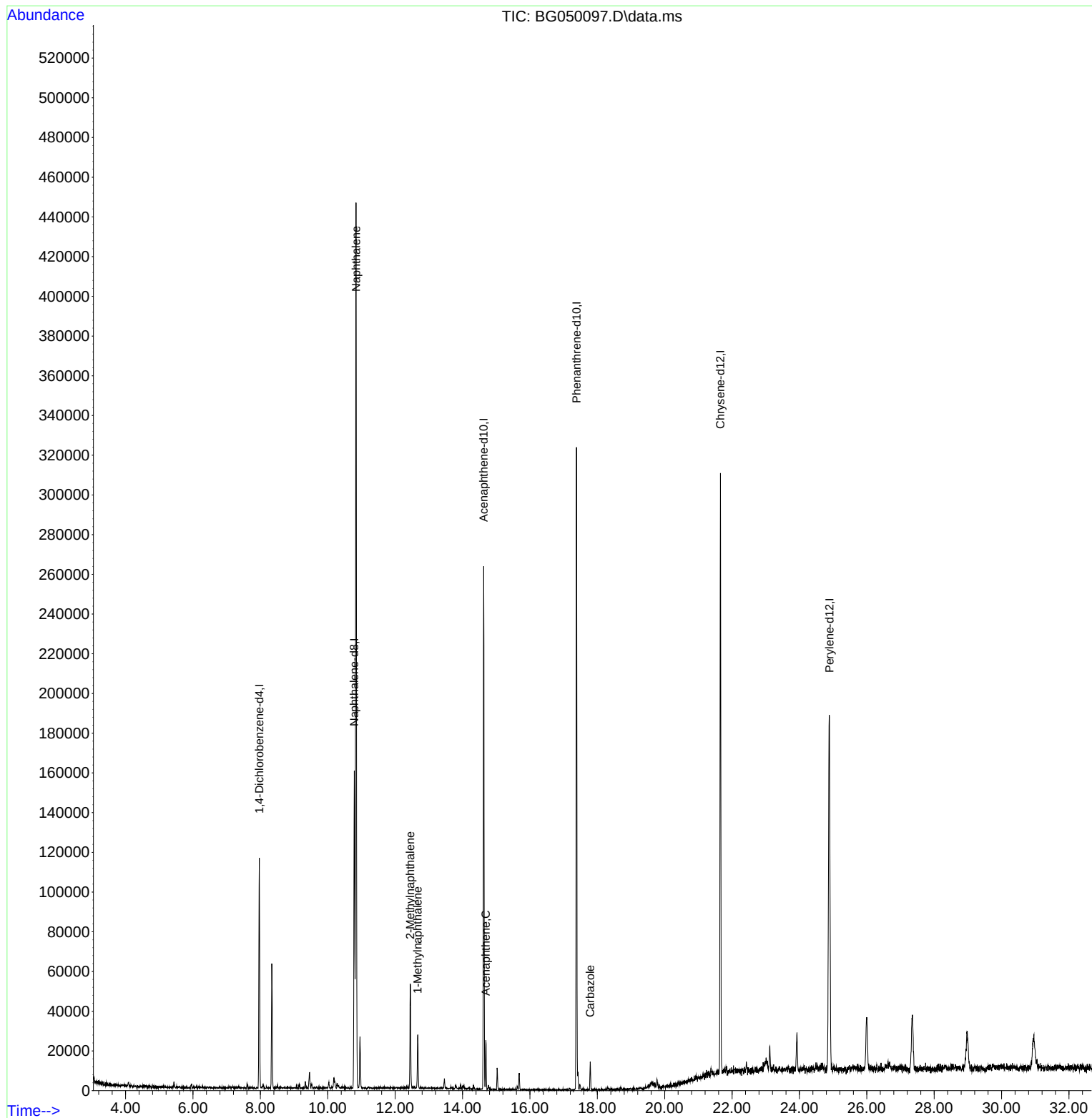
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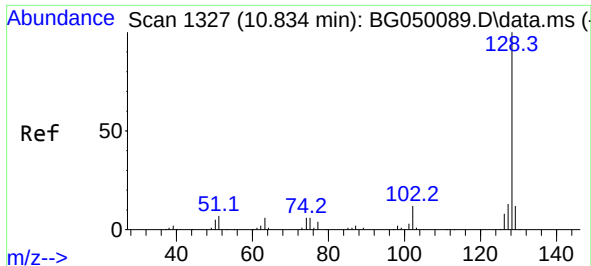
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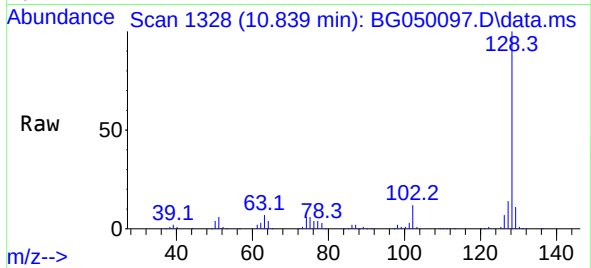
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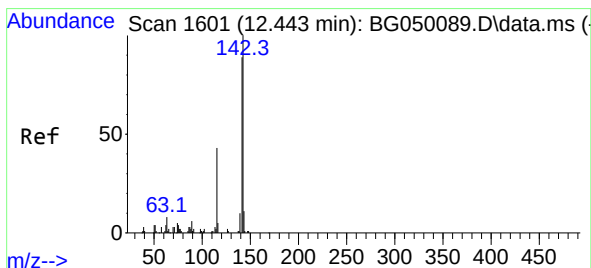
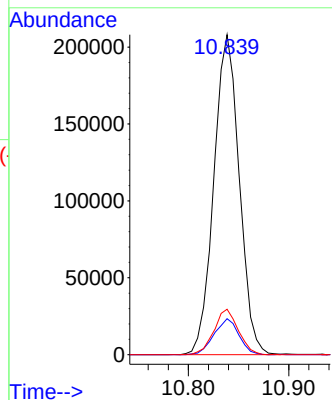
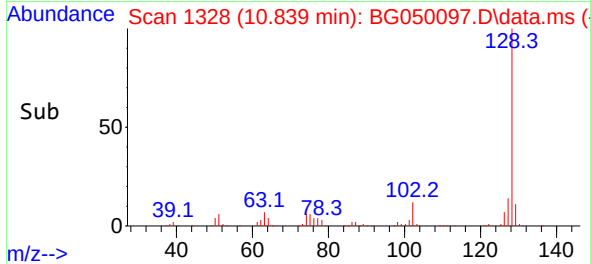




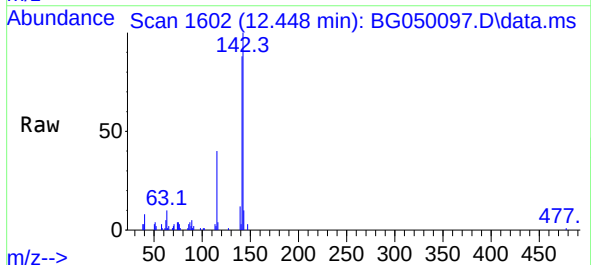
#30
Naphthalene
Concen: 53.980 ng/ul
RT: 10.839 min Scan# 1328
Delta R.T. 0.011 min
Lab File: BG050097.D
Acq: 1 Sep 2021 16:19



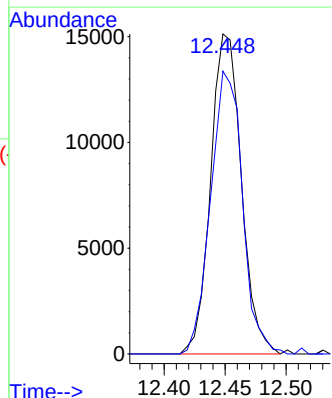
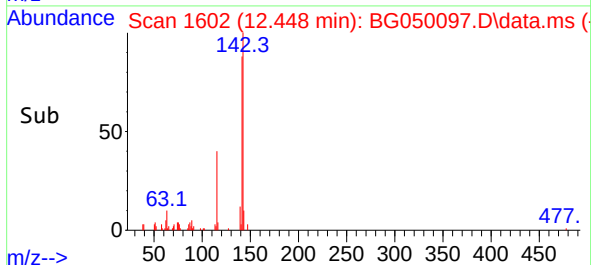
Tgt Ion:128 Resp: 366394
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.2 9.8 14.6



#36
2-Methylnaphthalene
Concen: 5.249 ng/ul
RT: 12.448 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BG050097.D
Acq: 1 Sep 2021 16:19



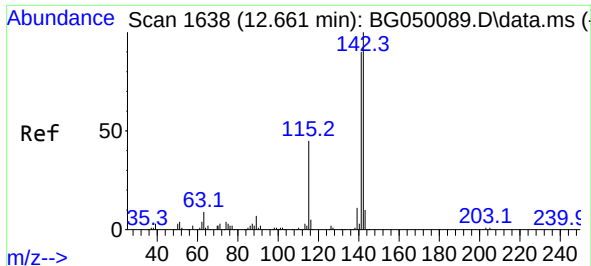
Tgt Ion:142 Resp: 26484
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7



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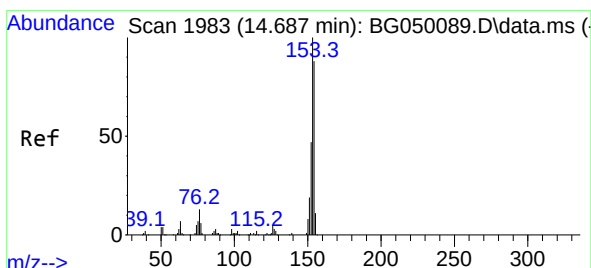
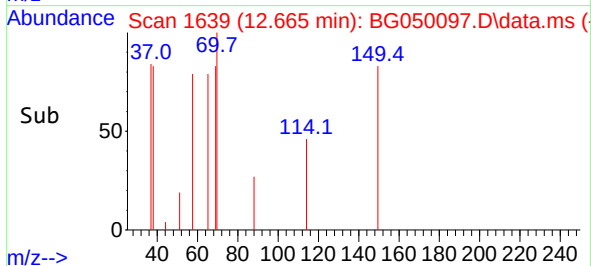
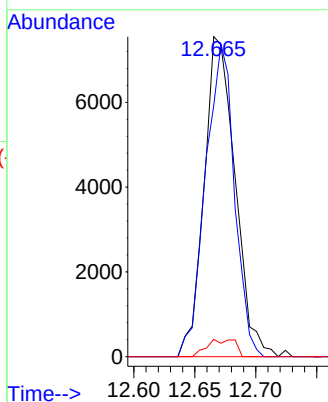
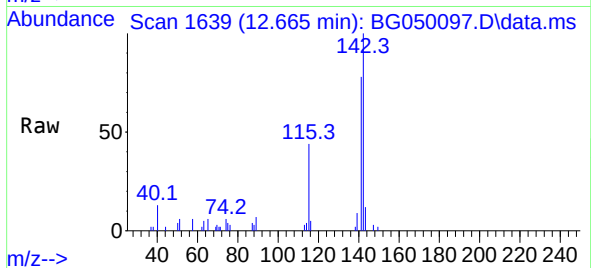
#37
1-Methylnaphthalene
Concen: 2.626 ng/ul
RT: 12.665 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BG050097.D
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.4	75.8	113.8
116	5.4	3.7	5.5

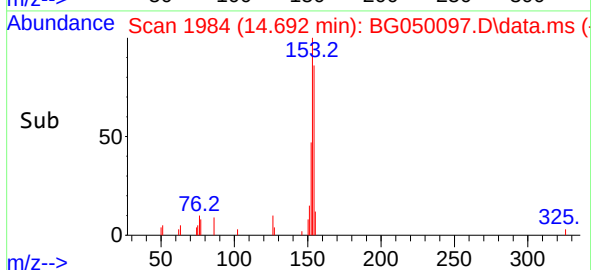
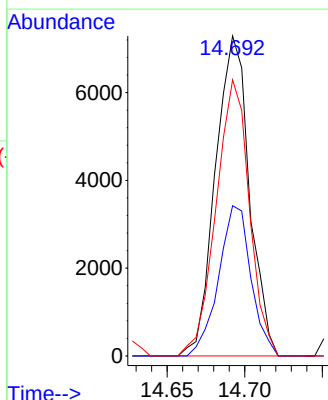
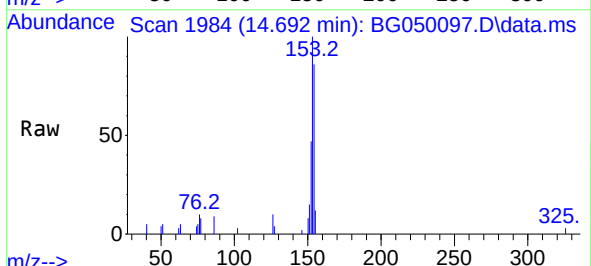
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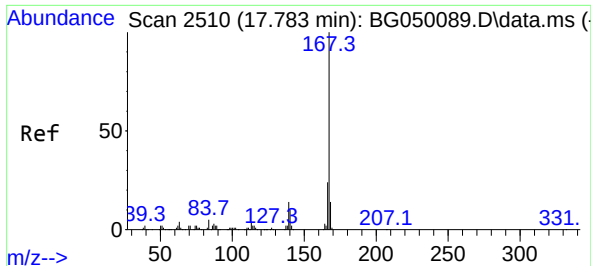
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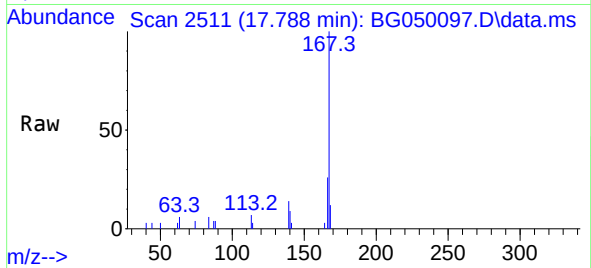
#52
Acenaphthene
Concen: 2.021 ng/ul
RT: 14.692 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BG050097.D
Acq: 1 Sep 2021 16:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.4	56.2
154	86.3	71.5	107.3

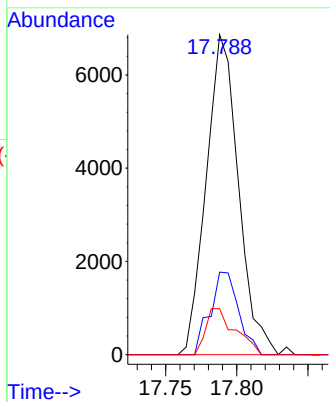
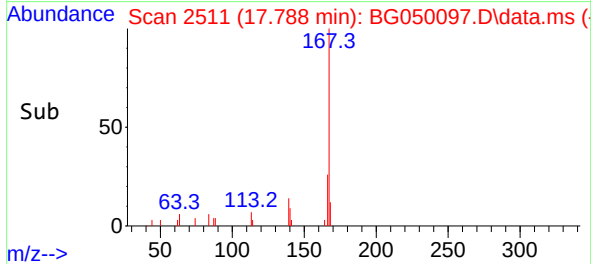




#77
 Carbazole
 Concen: 1.236 ng/ul
 RT: 17.788 min Scan# 2511
 Delta R.T. 0.006 min
 Lab File: BG050097.D
 Acq: 1 Sep 2021 16:19



Tgt Ion:	167	Resp:	10805
Ion	Ratio	Lower	Upper
167	100		
166	25.8	17.8	26.8
139	14.4	11.1	16.7



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