

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062948.D
 Acq On : 19 Sep 2024 18:09
 Operator : JU/RC
 Sample : P3878-08MEDL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVY6MEDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 23:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	36863	20.000	ng/u1	0.00
20) Naphthalene-d8	10.643	136	139255	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.491	164	113048	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.241	188	253155m	20.000	ng/u1	0.00
79) Chrysene-d12	21.489	240	276274m	20.000	ng/u1	0.00
88) Perylene-d12	24.533	264	331686	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	588m	0.467	ng/uL	0.00
4) Pyridine-d5	3.751	84	7904	2.313	ng/u1	0.02
7) Phenol-d5	7.030	99	10328	2.700	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.194	67	5888	2.751	ng/u1	0.01
11) 2-Chlorophenol-d4	7.388	132	6864	2.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	8310	2.966	ng/u1	0.00
21) Nitrobenzene-d5	9.015	128	3528	3.180	ng/u1	0.01
24) 2-Nitrophenol-d4	9.726	143	3658	2.906	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.267	165	8058	3.086	ng/u1	0.00
31) 4-Chloroaniline-d4	10.778	131	9365	2.882	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	27004	3.212	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	28544	3.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.709	143	3413m	2.534	ng/u1	0.02
60) Fluorene-d10	15.478	176	25396	3.244	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	2578	1.685	ng/u1	0.00
73) Anthracene-d10	17.335	188	38279	3.199	ng/u1	0.00
81) Pyrene-d10	19.632	212	53188m	3.179	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	55341	3.164	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.696	128	9190	1.189	ng/u1#	95
36) 2-Methylnaphthalene	12.312	142	15323	2.750	ng/u1#	78
37) 1-Methylnaphthalene	12.523	142	8116	1.439	ng/u1	83
58) 2,3,4,6-Tetrachlorophenol	15.120	232	36351	15.402	ng/u1#	95
71) Pentachlorophenol	16.900	266	418118	225.646	ng/u1	91

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

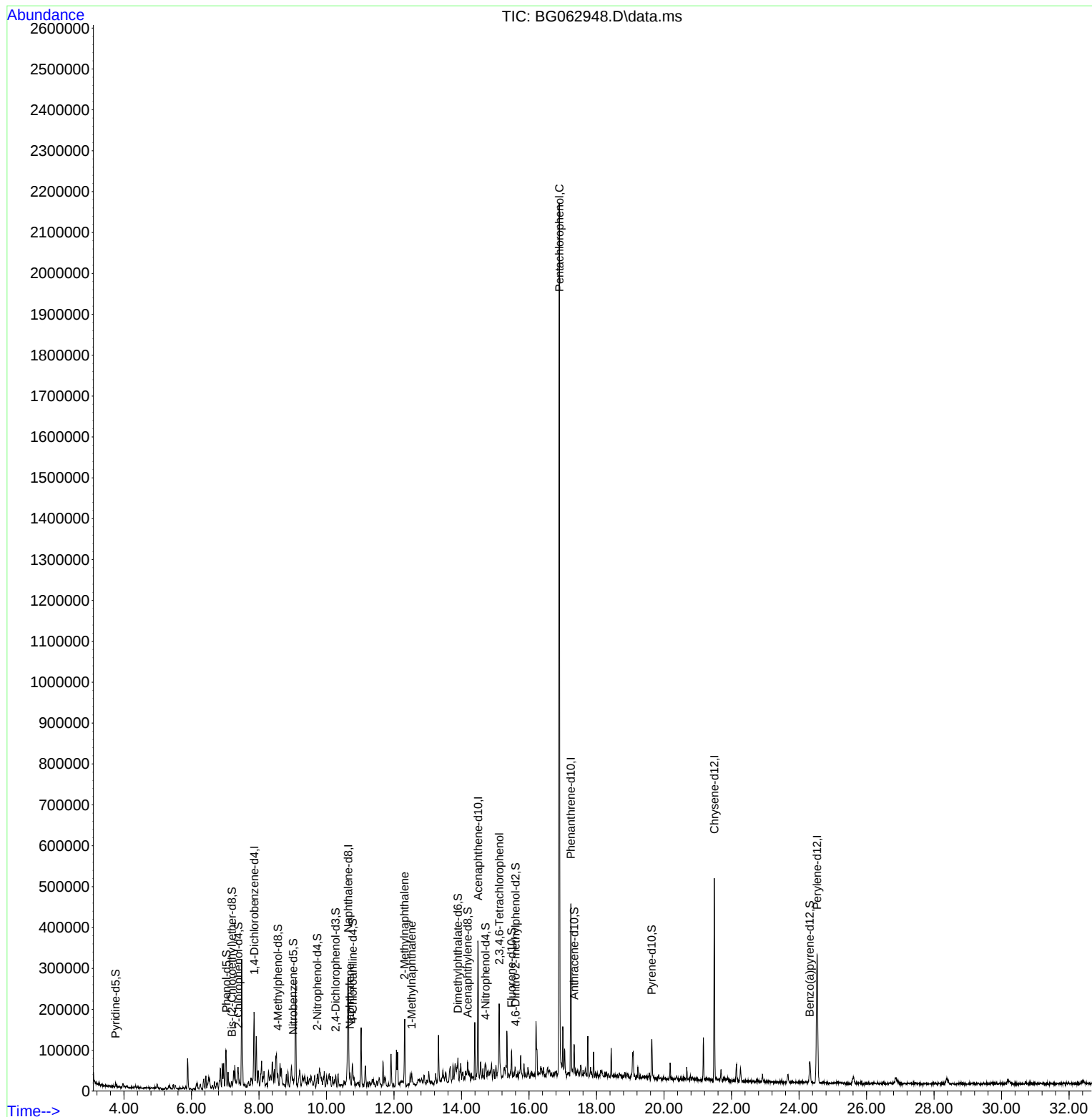
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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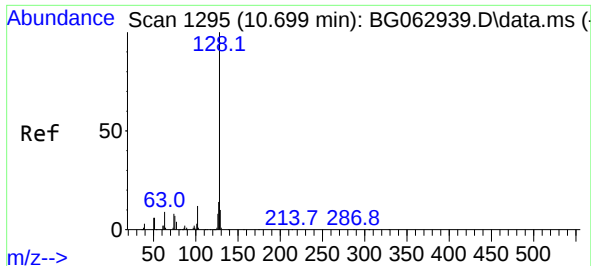
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Sep 19 23:00:33 2024
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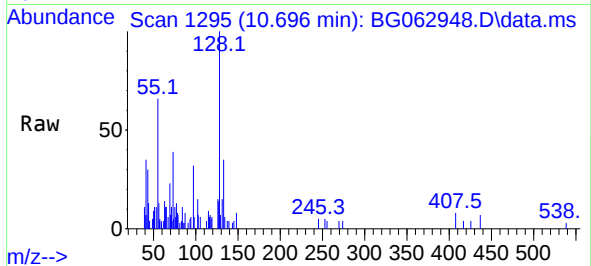
#30
Naphthalene
Concen: 1.189 ng/u1
RT: 10.696 min Scan# 1069
Delta R.T. -0.002 min
Lab File: BG062948.D
Acq: 19 Sep 2024 18:09

Instrument :

BNA_G

ClientSampleId :

DCVY6MEDL



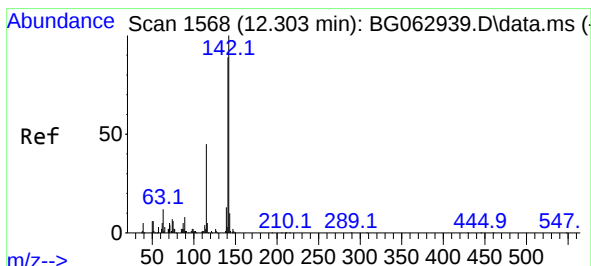
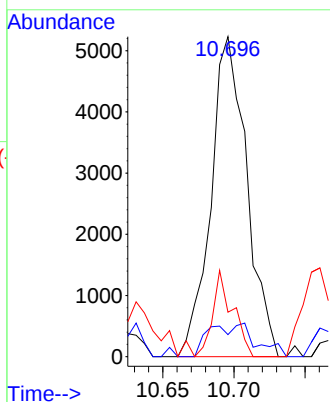
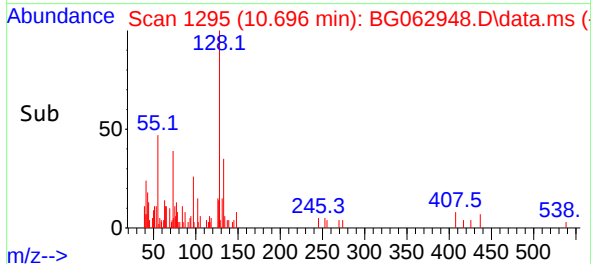
Tgt Ion:128 Resp: 9190
Ion Ratio Lower Upper
128 100
129 6.9 7.1 10.7
127 13.9 9.4 14.2

Manual Integrations

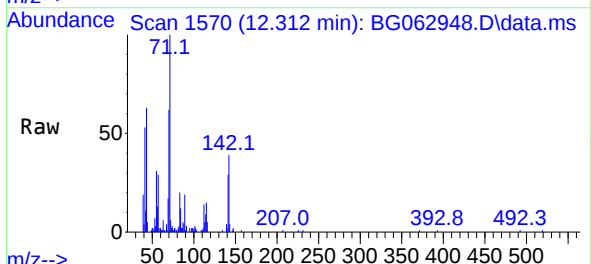
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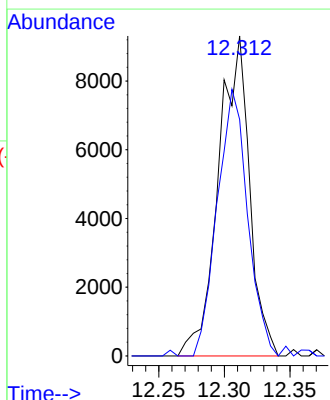
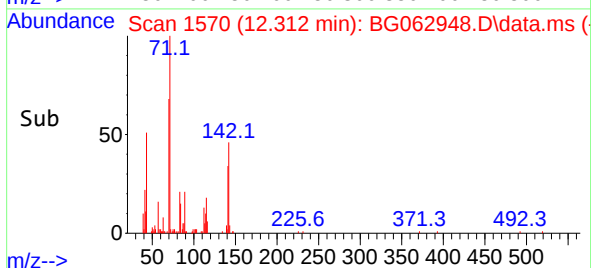
Supervised By :mohammad ahmed 09/22/2024

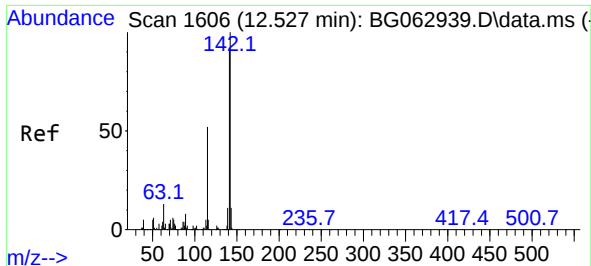


#36
2-Methylnaphthalene
Concen: 2.750 ng/u1
RT: 12.312 min Scan# 1570
Delta R.T. 0.004 min
Lab File: BG062948.D
Acq: 19 Sep 2024 18:09



Tgt Ion:142 Resp: 15323
Ion Ratio Lower Upper
142 100
141 73.9 76.5 114.7#





#37

1-Methylnaphthalene

Concen: 1.439 ng/ul

RT: 12.523 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062948.D

Acq: 19 Sep 2024 18:09

Instrument :

BNA_G

ClientSampleId :

DCVY6MEDL

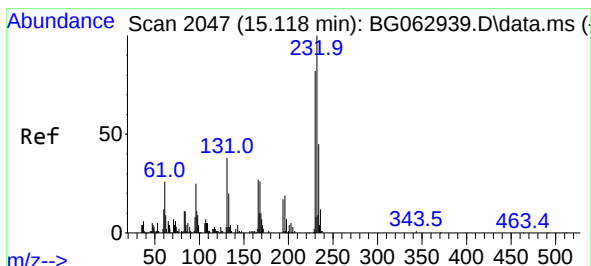
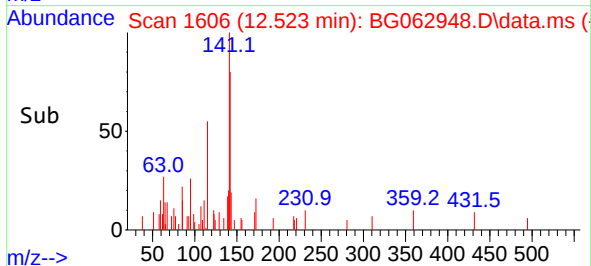
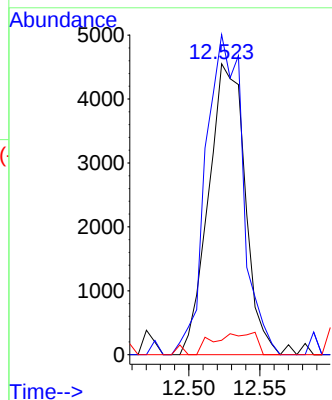
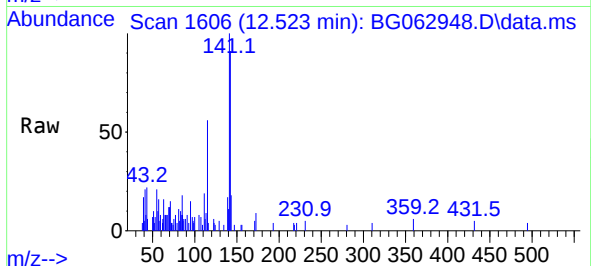
Tgt Ion:	142	Resp:	8110
Ion Ratio	Lower	Upper	
142	100		
141	110.0	74.1	111.1
116	4.9	3.6	5.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 15.402 ng/ul

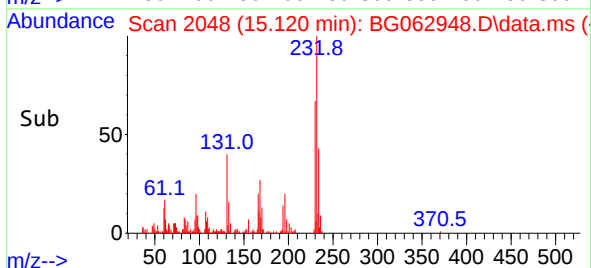
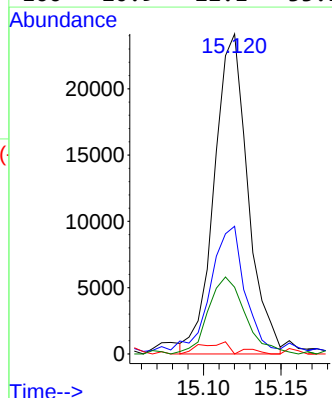
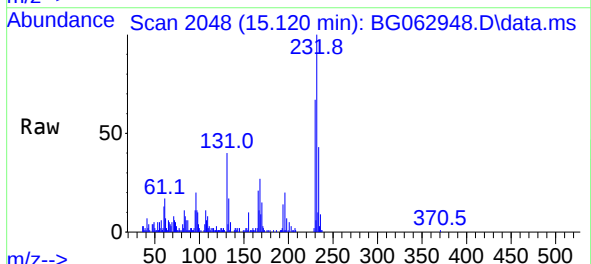
RT: 15.120 min Scan# 2048

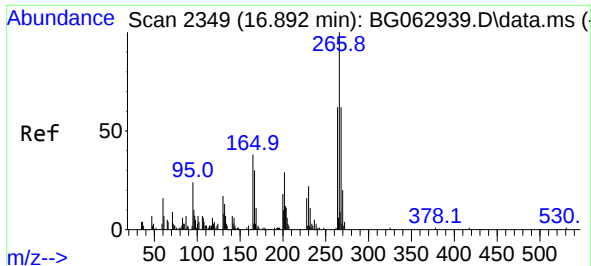
Delta R.T. 0.004 min

Lab File: BG062948.D

Acq: 19 Sep 2024 18:09

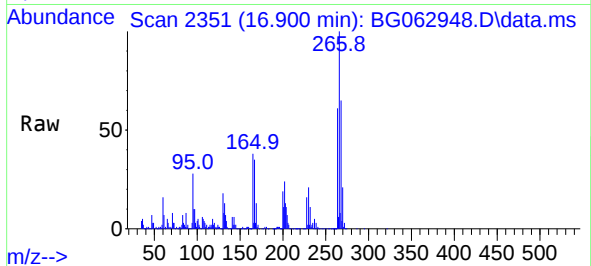
Tgt Ion:	232	Resp:	36351
Ion Ratio	Lower	Upper	
232	100		
131	39.9	31.9	47.9
130	0.0	1.9	2.9#
166	20.9	22.1	33.1#





#71
 Pentachlorophenol
 Concen: 225.646 ng/ul
 RT: 16.900 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: BG062948.D
 Acq: 19 Sep 2024 18:09

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:266 Resp: 418118
 Ion Ratio Lower Upper
 266 100
 264 61.4 43.0 64.4
 268 65.1 47.2 70.8

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