

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051302.D
 Acq On : 2 Dec 2021 13:30
 Operator : CG/JU
 Sample : M4868-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 02 14:04:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	31254	20.000	ng/u1	0.00
20) Naphthalene-d8	11.023	136	135289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.831	164	80775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.586	188	145686	20.000	ng/u1	0.00
79) Chrysene-d12	21.893	240	138292	20.000	ng/u1	# 0.01
88) Perylene-d12	25.330	264	143010	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	2511	2.792	ng/uL	0.00
4) Pyridine-d5	3.973	84	16928	6.414	ng/u1	0.00
7) Phenol-d5	7.357	99	59343	19.211	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.510	67	36888	19.014	ng/u1	0.00
11) 2-Chlorophenol-d4	7.727	132	44848	20.162	ng/u1	0.00
15) 4-Methylphenol-d8	8.908	113	48453	19.438	ng/u1	0.00
21) Nitrobenzene-d5	9.372	128	23792	20.833	ng/u1	0.00
24) 2-Nitrophenol-d4	10.101	143	27708	21.508	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.653	165	46168	21.122	ng/u1	0.00
31) 4-Chloroaniline-d4	11.164	131	49929	15.611	ng/u1	0.00
46) Dimethylphthalate-d6	14.220	166	134939	21.711	ng/u1	0.00
49) Acenaphthylene-d8	14.525	160	174942	22.322	ng/u1	0.00
54) 4-Nitrophenol-d4	15.054	143	17341	17.237	ng/u1	0.00
60) Fluorene-d10	15.824	176	112614	20.121	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.959	200	9216	10.252	ng/u1	0.00
73) Anthracene-d10	17.686	188	161212	23.137	ng/u1	0.00
81) Pyrene-d10	19.966	212	178832	21.372	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.095	264	167607	21.945	ng/u1	0.05
Target Compounds						
					Qvalue	
8) Phenol	7.386	94	3350	1.047	ng/u1#	88
30) Naphthalene	11.076	128	11253	1.529	ng/u1	95
80) Fluoranthene	19.631	202	24542	2.388	ng/u1	99
82) Pyrene	19.995	202	55616	5.532	ng/u1	98
83) Butylbenzylphthalate	20.853	149	95023	22.735	ng/u1	88
86) Bis(2-ethylhexyl)phtha...	21.787	149	8804196	1463.876	ng/u1#	57
89) Di-n-octyl phthalate	23.033	149	4031347	389.104	ng/u1	100
90) Benzo(b)fluoranthene	24.231	252	16098	1.668	ng/u1#	1
93) Benzo(a)pyrene	25.166	252	9667	1.050	ng/u1#	1
94) Indeno(1,2,3-cd)pyrene	29.278	276	16380m	1.590	ng/u1	
96) Benzo(g,h,i)perylene	30.500	276	13855m	1.598	ng/u1	

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

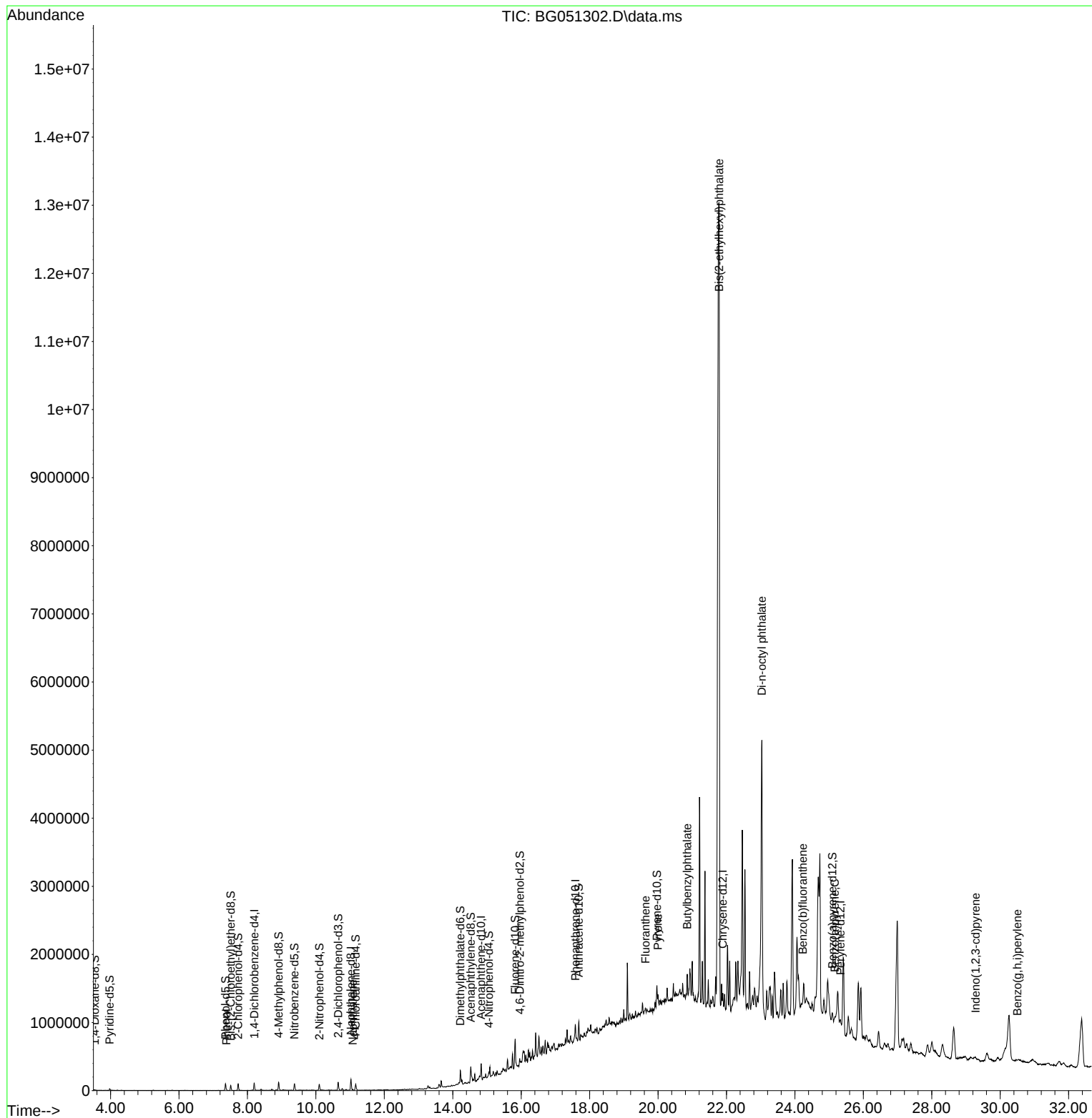
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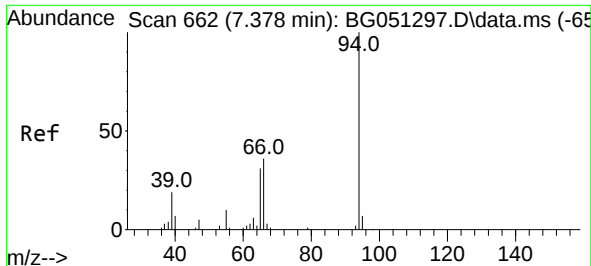
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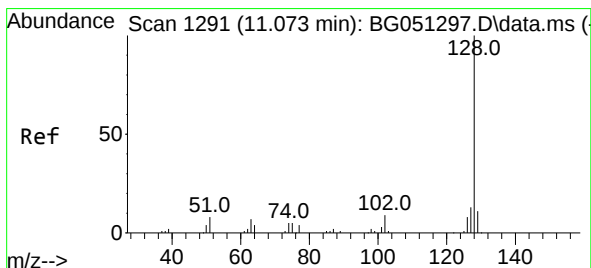
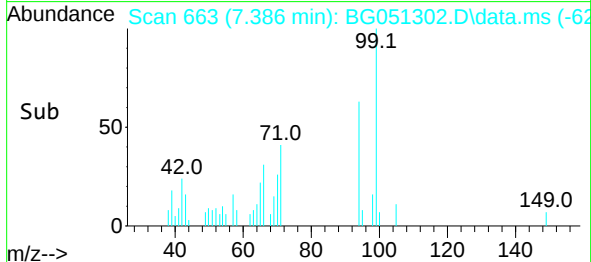
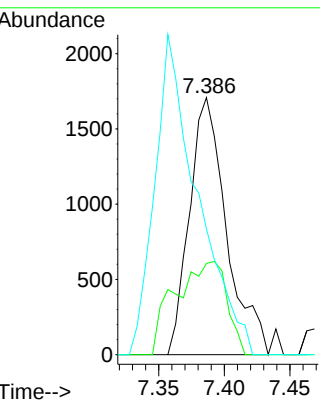
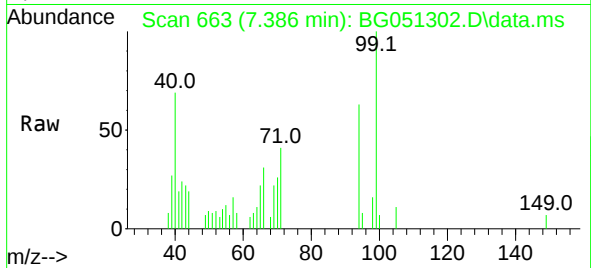
#8
Phenol
Concen: 1.047 ng/ul
RT: 7.386 min Scan# 662
Delta R.T. 0.000 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30

Instrument :
BNA_G
ClientSampleId :
BGKP1

Tgt Ion: 94 Resp: 3350
Ion Ratio Lower Upper
94 100
65 35.5 25.1 37.7
66 49.0 31.6 47.4

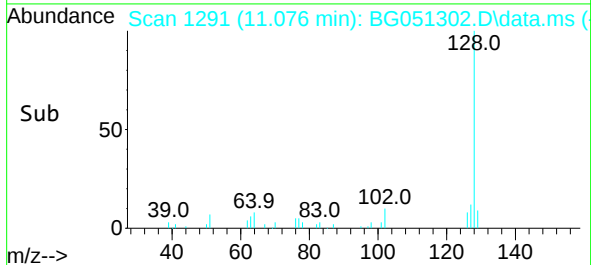
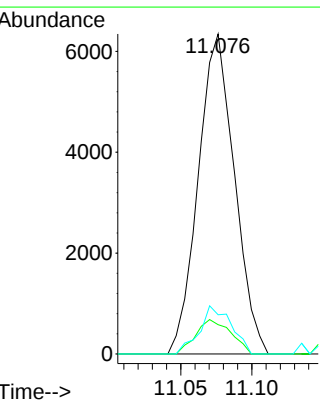
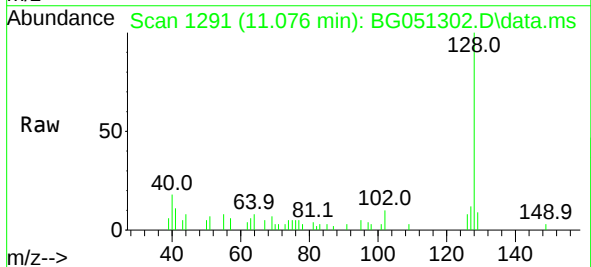
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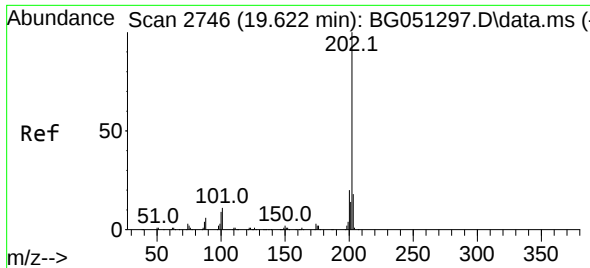
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#30
Naphthalene
Concen: 1.529 ng/ul
RT: 11.076 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30

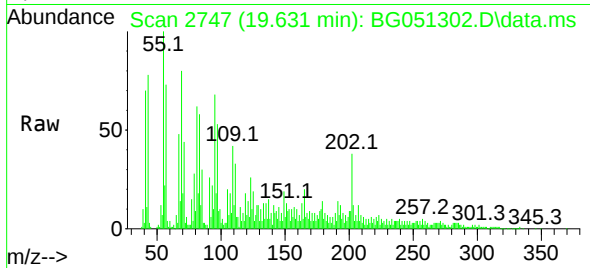
Tgt Ion:128 Resp: 11253
Ion Ratio Lower Upper
128 100
129 9.2 8.5 12.7
127 12.3 11.8 17.6





#80
Fluoranthene
Concen: 2.388 ng/u1
RT: 19.631 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30

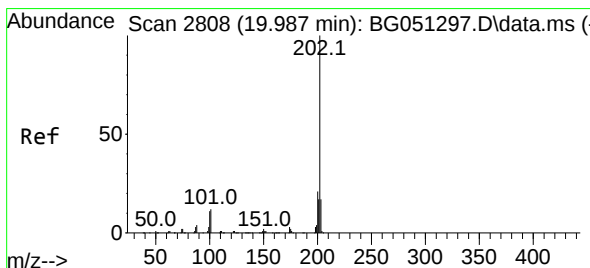
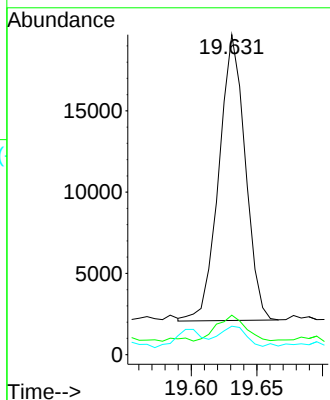
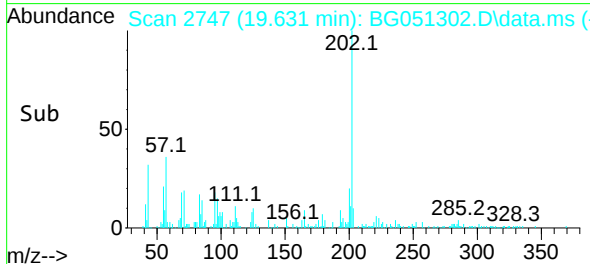
Instrument :
BNA_G
ClientSampleId :
BGKP1



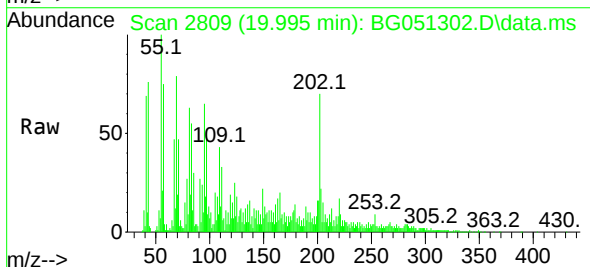
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Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 8.9 7.0 10.6

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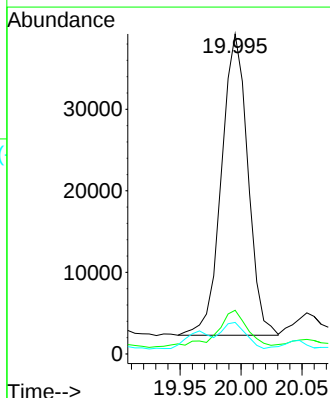
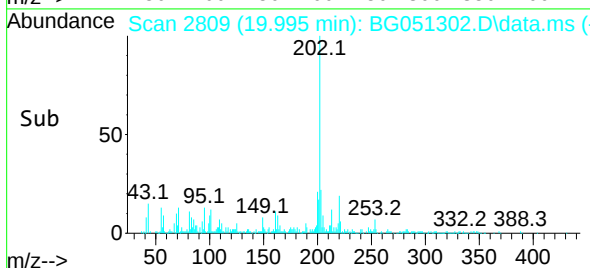
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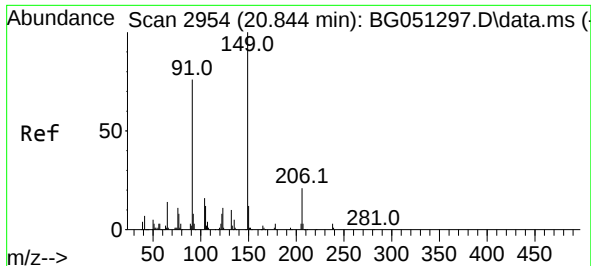


#82
Pyrene
Concen: 5.532 ng/u1
RT: 19.995 min Scan# 2809
Delta R.T. 0.006 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30



Tgt Ion:202 Resp: 55616
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 9.8 9.0 13.6





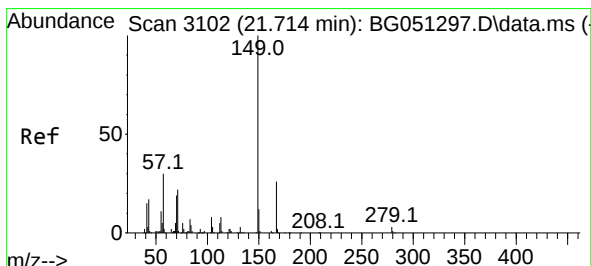
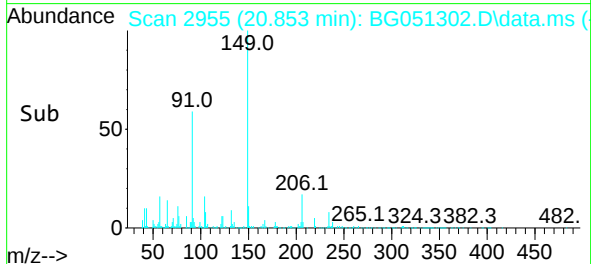
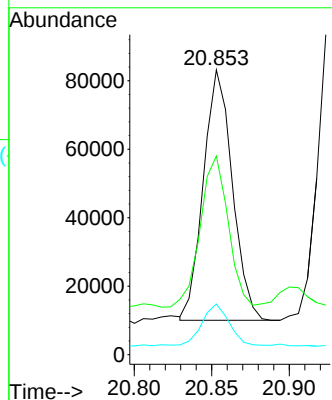
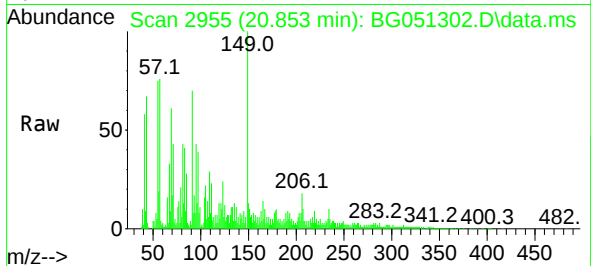
#83
Butylbenzylphthalate
Concen: 22.735 ng/ul
RT: 20.853 min Scan# 2954
Delta R.T. 0.006 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30

Instrument :
BNA_G
ClientSampleId :
BGKP1

Tgt Ion:149 Resp: 9502
Ion Ratio Lower Upper
149 100
91 69.7 65.2 97.8
206 17.8 16.2 24.2

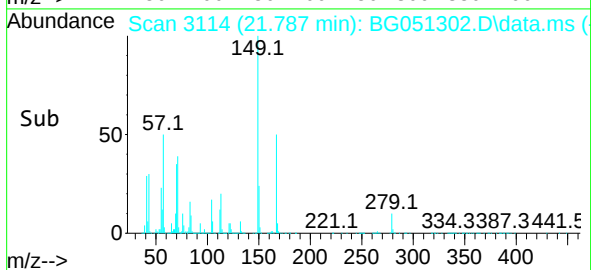
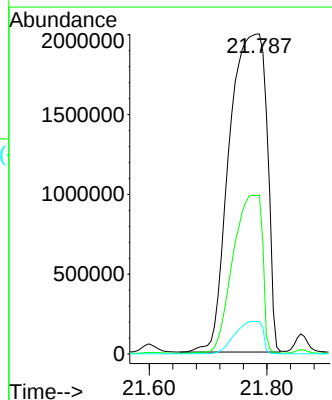
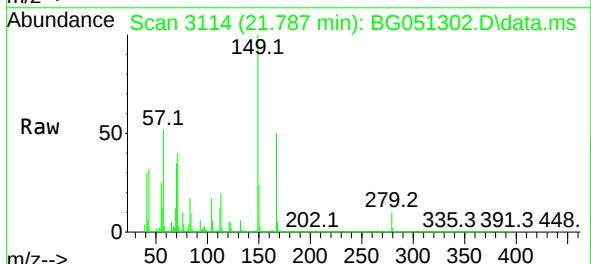
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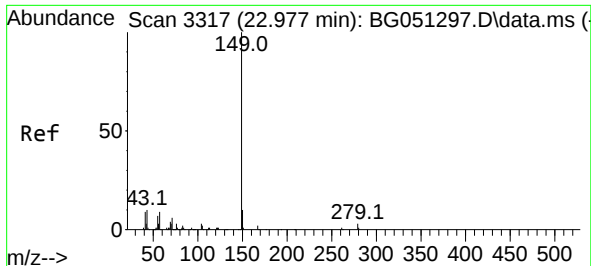
Reviewed By :Jagrut Upadhyay 12/02/2021
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1463.876 ng/ul
RT: 21.787 min Scan# 3114
Delta R.T. 0.065 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30

Tgt Ion:149 Resp: 8804196
Ion Ratio Lower Upper
149 100
167 49.7 21.1 31.7#
279 10.1 2.7 4.1#





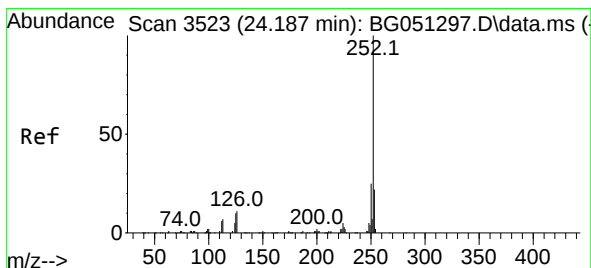
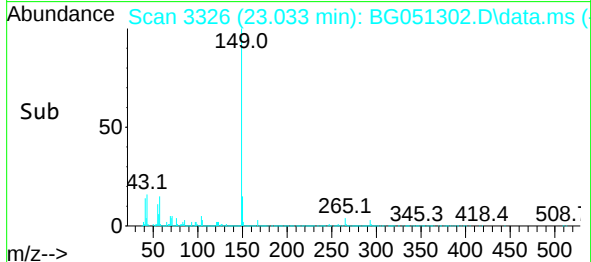
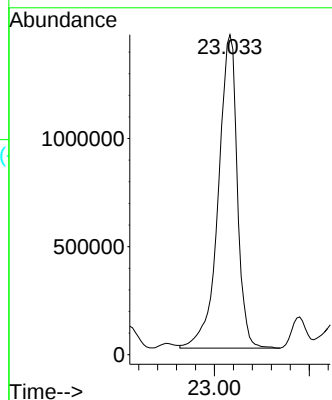
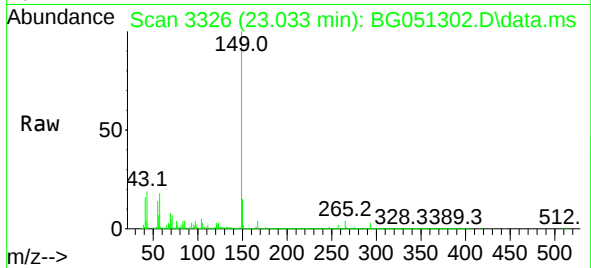
#89
Di-n-octyl phthalate
Concen: 389.104 ng/ul
RT: 23.033 min Scan# 31
Delta R.T. 0.047 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30

Instrument :
BNA_G
ClientSampleId :
BGKP1

Tgt Ion:149 Resp: 403134

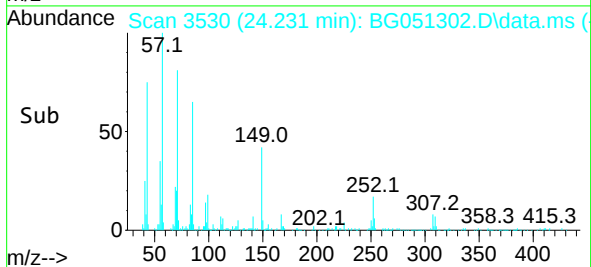
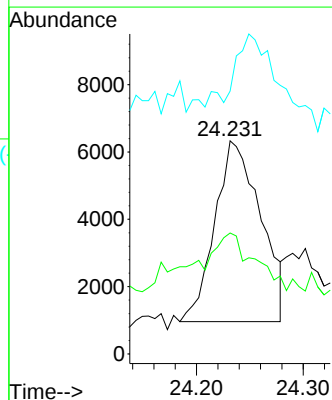
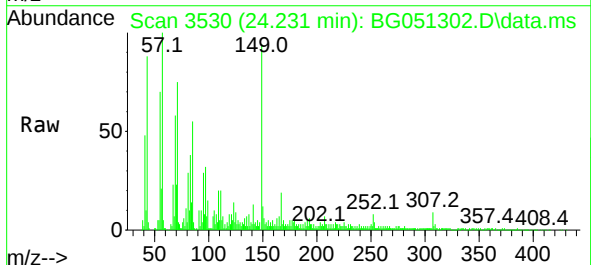
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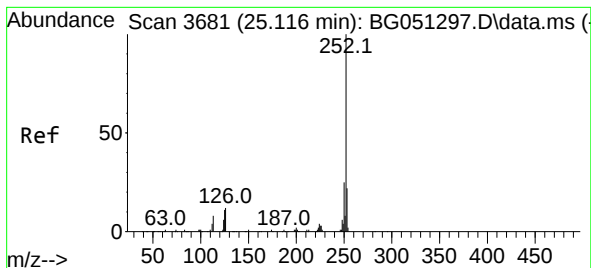
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#90
Benzo(b)fluoranthene
Concen: 1.668 ng/ul
RT: 24.231 min Scan# 3530
Delta R.T. 0.041 min
Lab File: BG051302.D
Acq: 2 Dec 2021 13:30

Tgt Ion:252 Resp: 16098
Ion Ratio Lower Upper
252 100
253 56.8 17.8 26.6#
125 123.3 8.5 12.7#





#93

Benzo(a)pyrene

Concen: 1.050 ng/ul

RT: 25.166 min Scan# 3681

Delta R.T. 0.041 min

Lab File: BG051302.D

Acq: 2 Dec 2021 13:30

Instrument :

BNA_G

ClientSampleId :

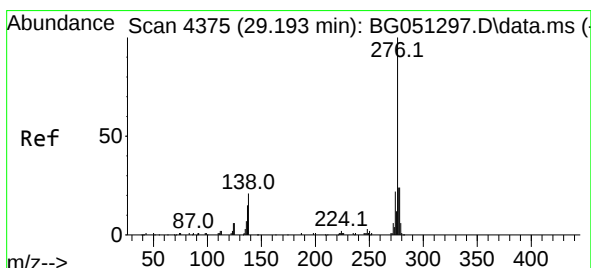
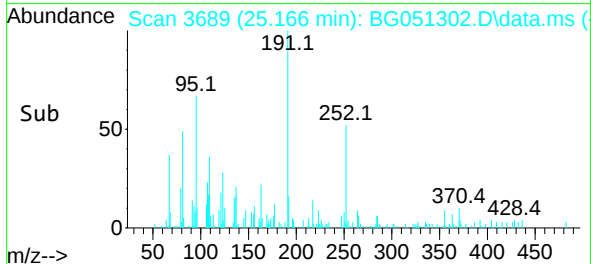
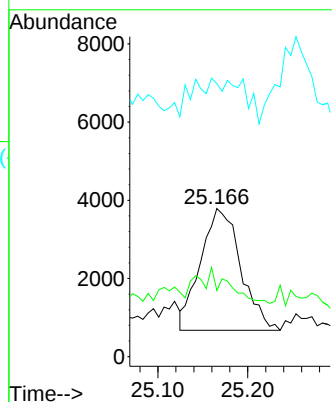
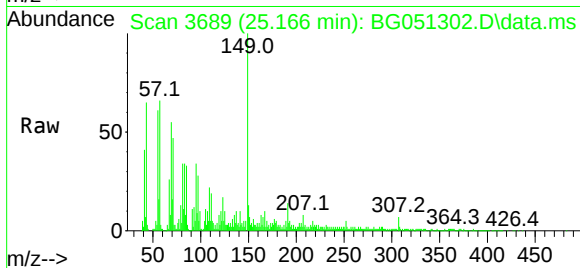
BGKP1

Tgt Ion:	252	Resp:	966
Ion Ratio	Lower	Upper	
252	100		
253	44.7	17.4	26.2
125	184.3	9.1	13.7

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.590 ng/ul m

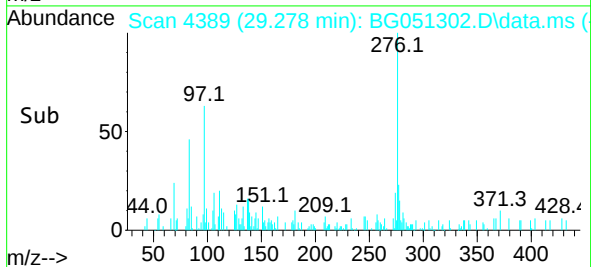
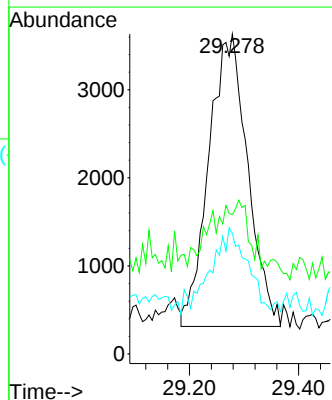
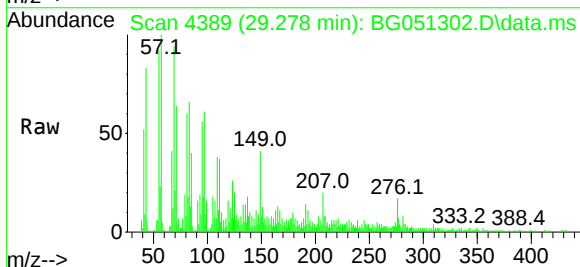
RT: 29.278 min Scan# 4389

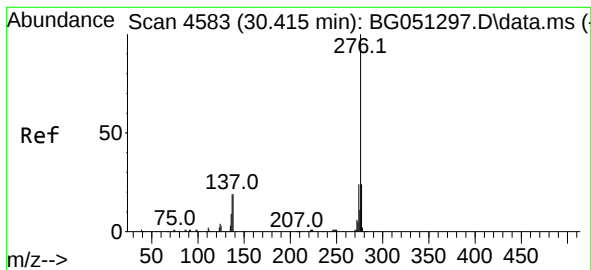
Delta R.T. 0.088 min

Lab File: BG051302.D

Acq: 2 Dec 2021 13:30

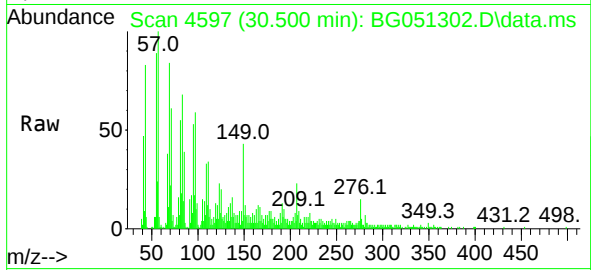
Tgt Ion:	276	Resp:	16380
Ion Ratio	Lower	Upper	
276	100		
138	43.5	15.5	23.3
277	37.6	20.5	30.7





#96
 Benzo(g,h,i)perylene
 Concen: 1.598 ng/ul m
 RT: 30.500 min Scan# 4
 Delta R.T. 0.088 min
 Lab File: BG051302.D
 Acq: 2 Dec 2021 13:30

Instrument :
 BNA_G
 ClientSampleId :
 BGKP1



Tgt Ion:276 Resp: 1385
 Ion Ratio Lower Upper
 276 100
 138 38.8 16.6 24.8
 277 36.6 17.6 26.4

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