

# Quantitation Report (LSC Reviewed)

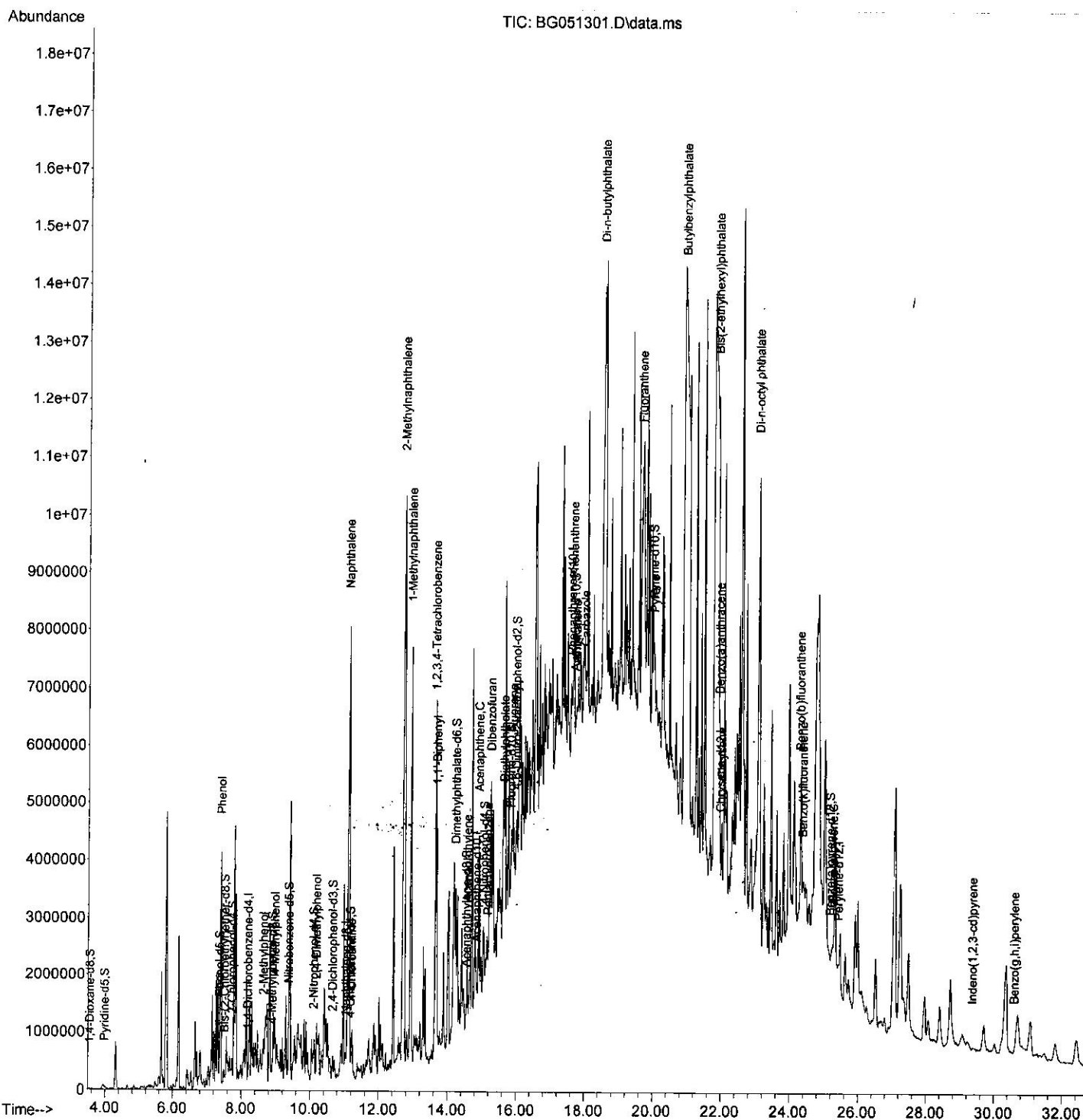
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120221\  
 Data File : BG051301.D  
 Acq On : 2 Dec 2021 12:49  
 Operator : CG/JU  
 Sample : M4868-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 BGKP6

Quant Time: Dec 02 13:32:16 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

Manual Integrations APPROVED

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



# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120221\  
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Instrument :

BNA\_G

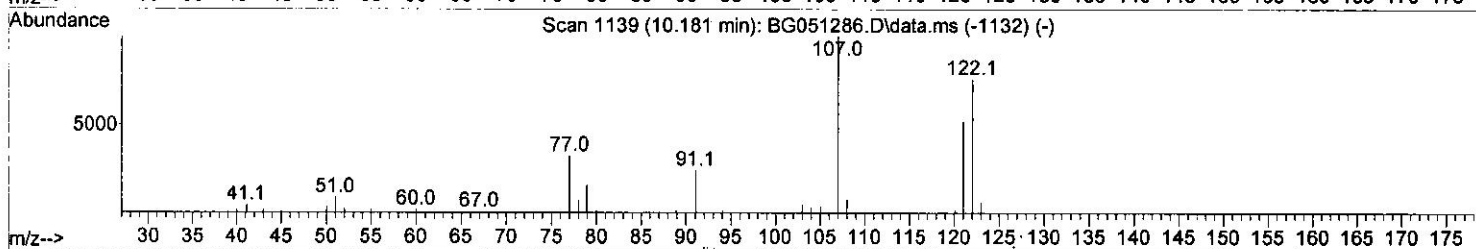
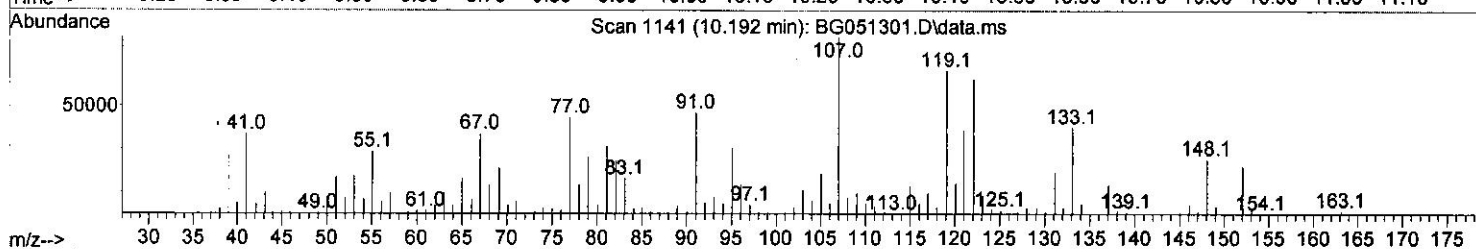
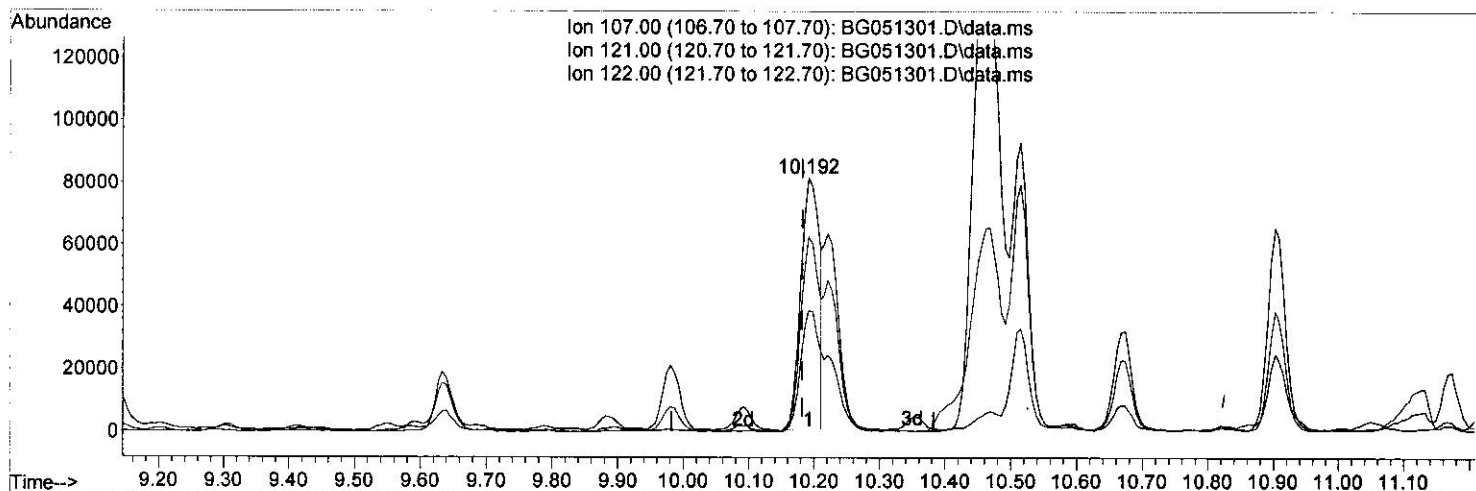
ClientSampleId :

BGKP6

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TIC: BG051301.D\data.ms

(26) 2,4-Dimethylphenol

10.192min (+ 0.009) 61.36 ng/ul

response 158331

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	47.49
122.00	79.60	76.82
0.00	0.00	0.00

# Quantitation Report (Qedit)

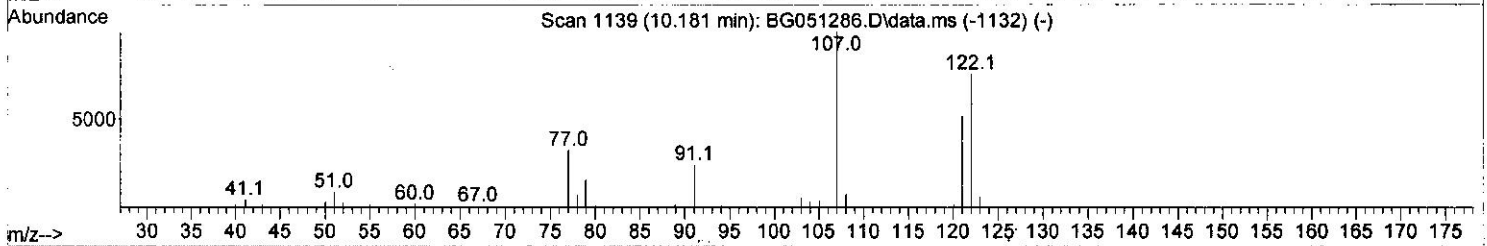
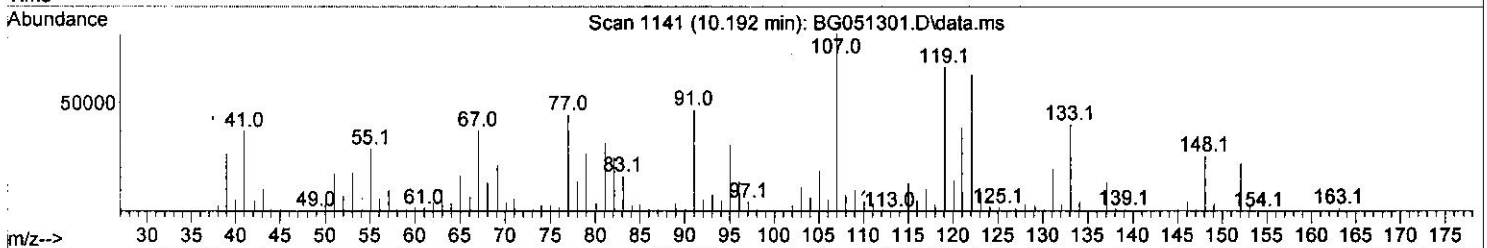
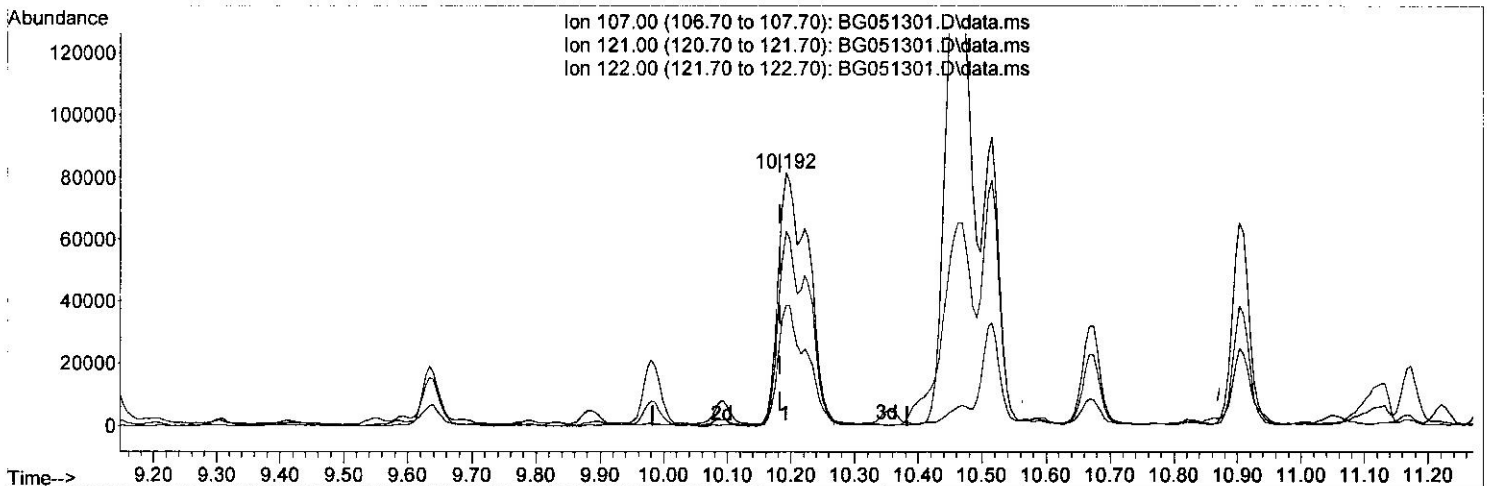
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TIC: BG051301.D\data.ms

(26) 2,4-Dimethylphenol

10.192min (+ 0.009) 102.36 ng/ul

response 264126

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	47.49
122.00	79.60	76.82
0.00	0.00	0.00

# Quantitation Report (Qedit)

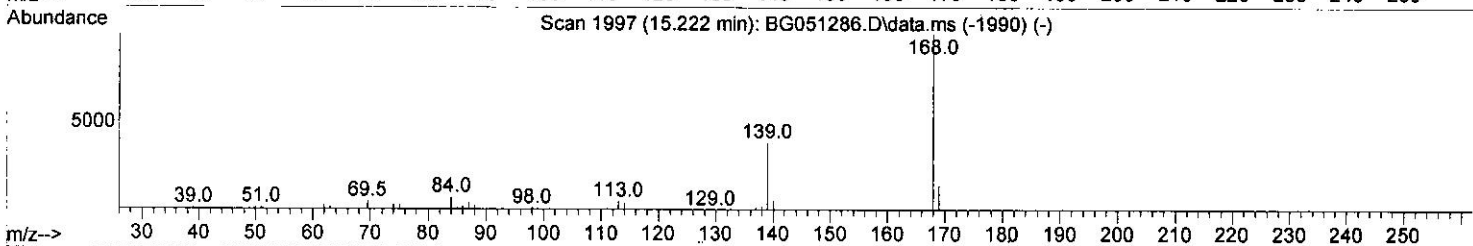
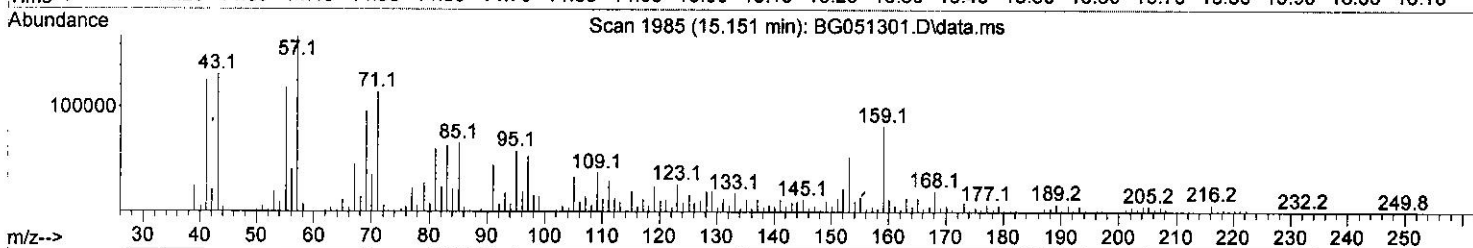
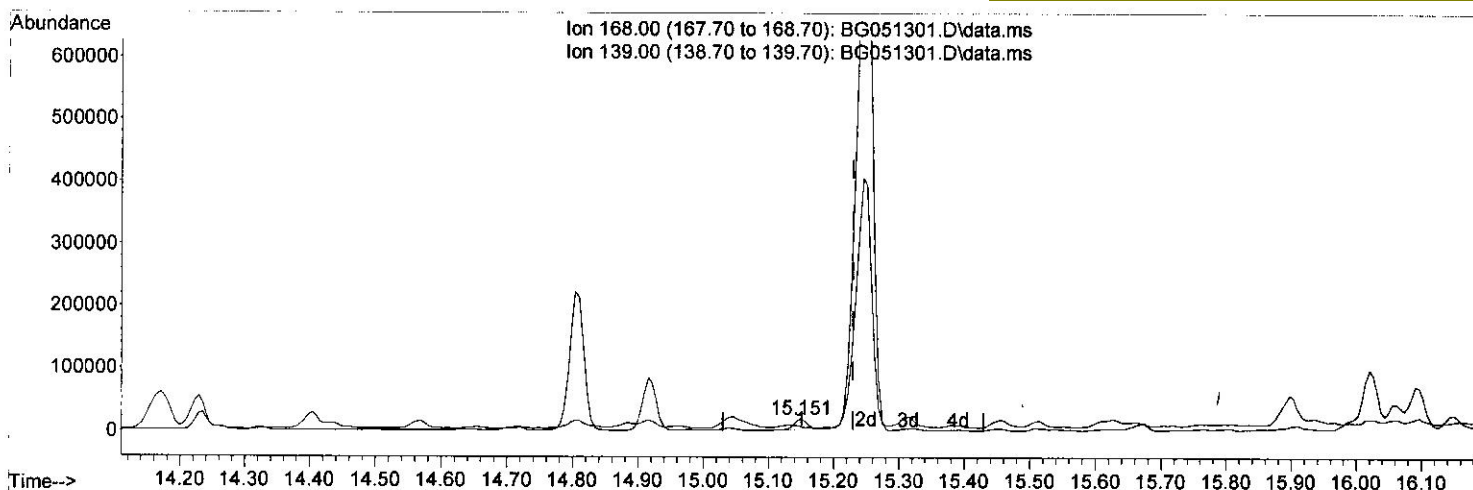
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TIC: BG051301.D\data.ms

(56) Dibenzofuran

15.151min (-0.079) 4.38 ng/ul

response 29346

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	39.00	37.60
0.00	0.00	0.00
0.00	0.00	0.00

# Quantitation Report (Qedit)

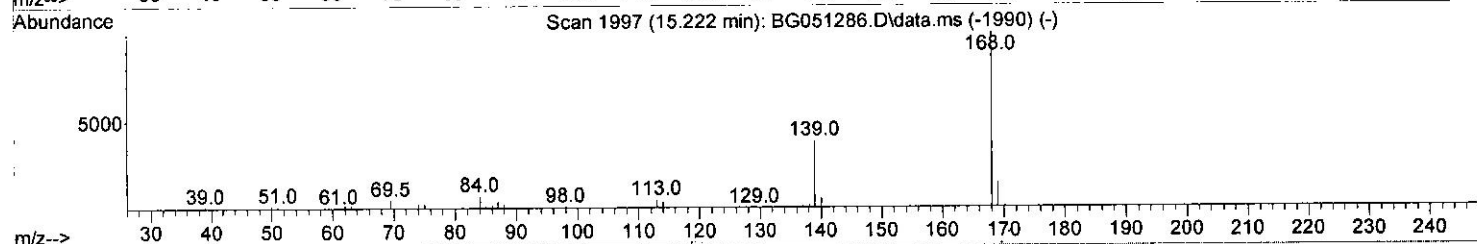
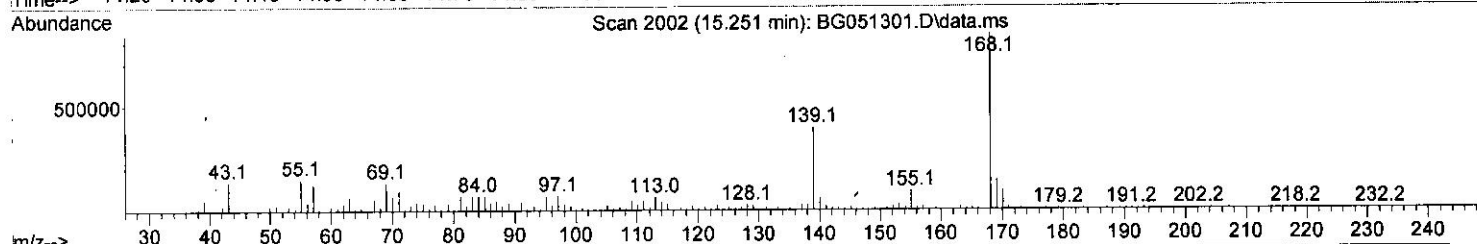
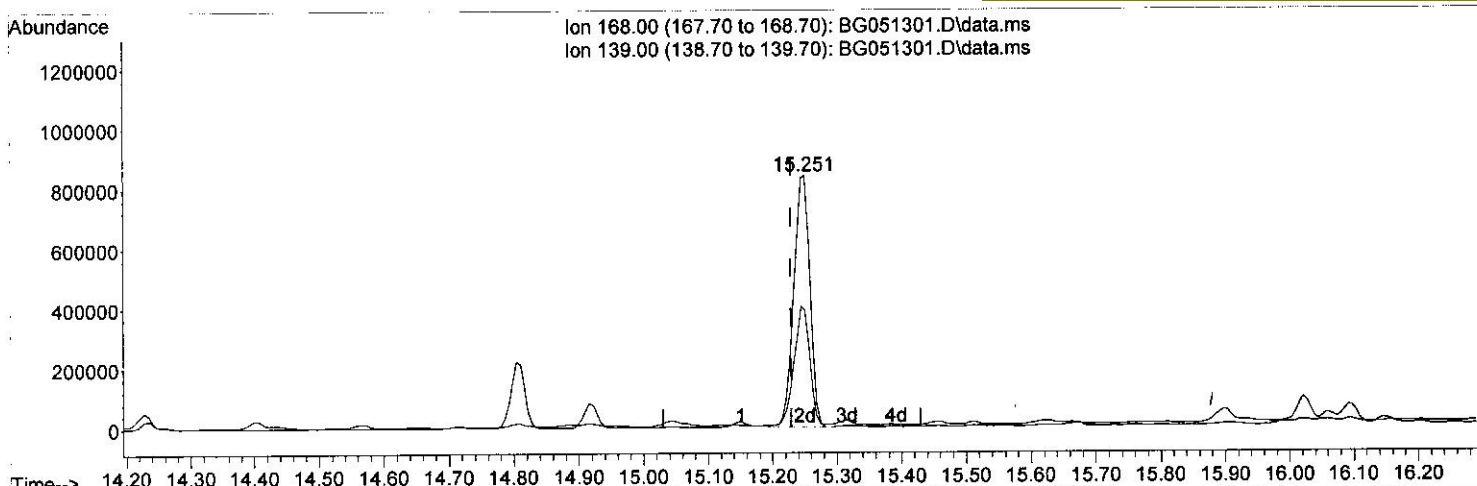
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TIC: BG051301.D\data.ms

(56) Dibenzofuran

15.251min (+ 0.021) 220.18 ng/ul

response 1473826

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	39.00	46.83#
0.00	0.00	0.00
0.00	0.00	0.00



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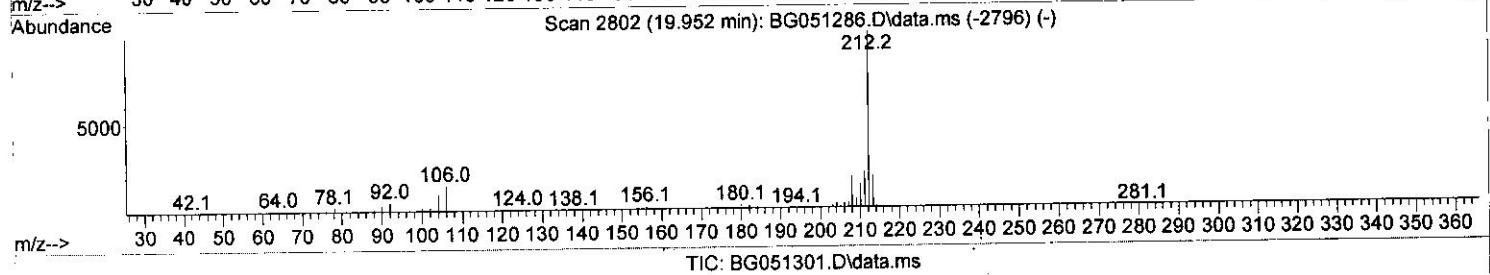
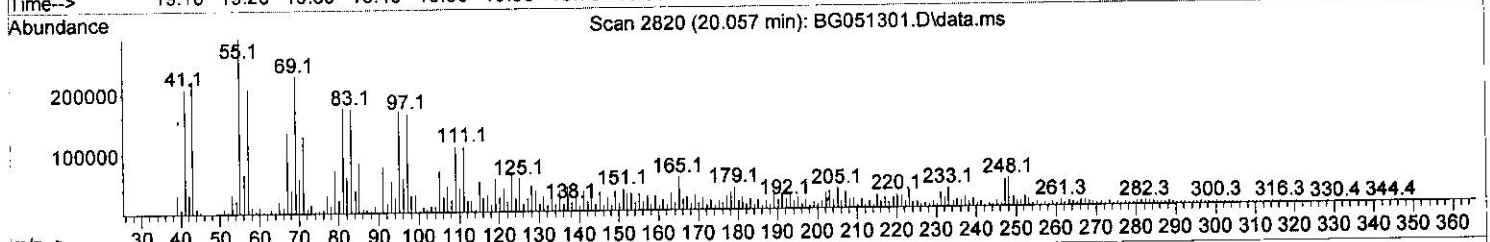
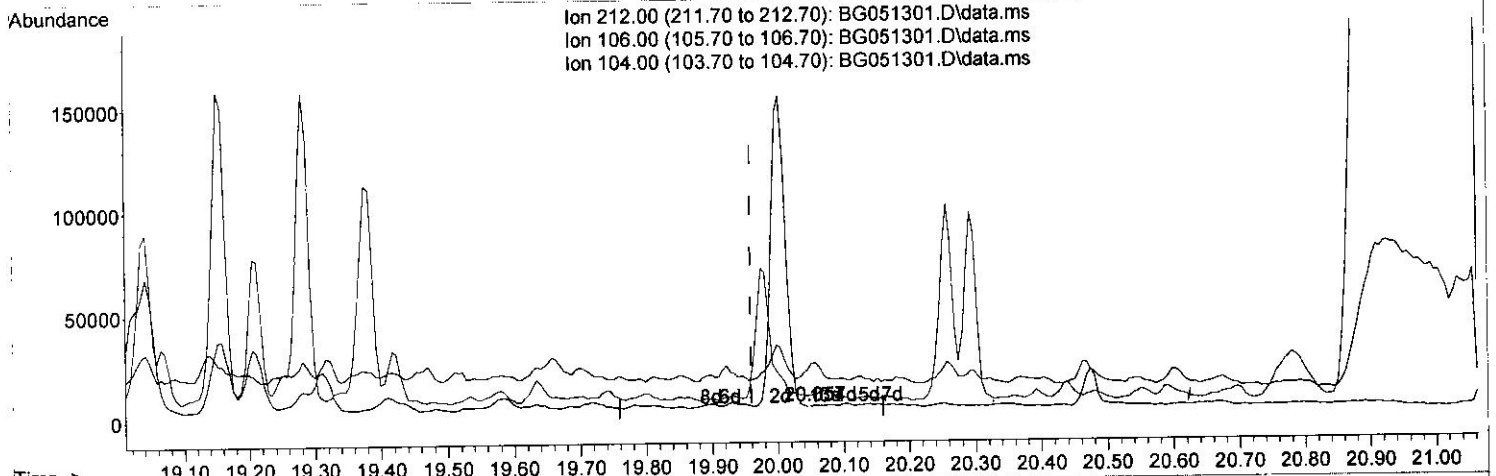
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(81) Pyrene-d10 (S)

20.057min (+ 0.097) 0.05 ng/ul

response 388

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.20	491.43#
104.00	9.50	194.20#
0.00	0.00	0.00

# Quantitation Report (Qedit)

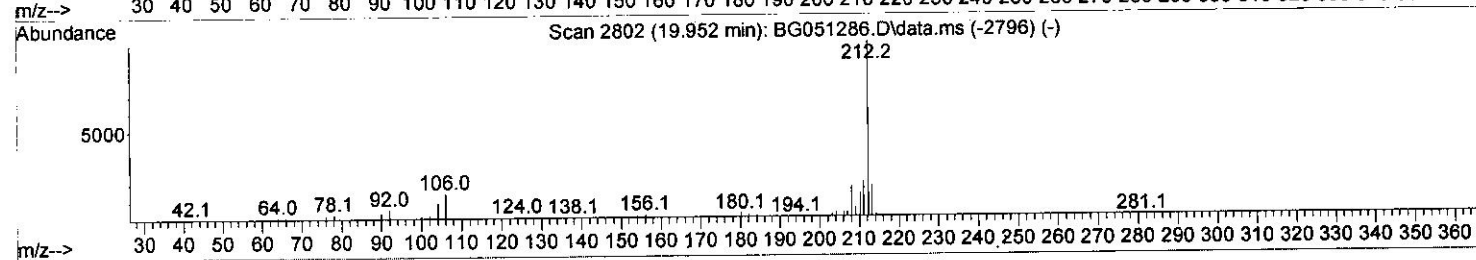
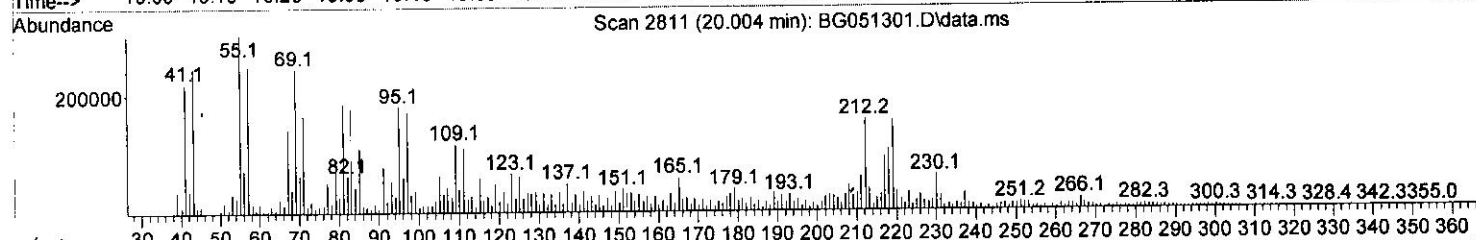
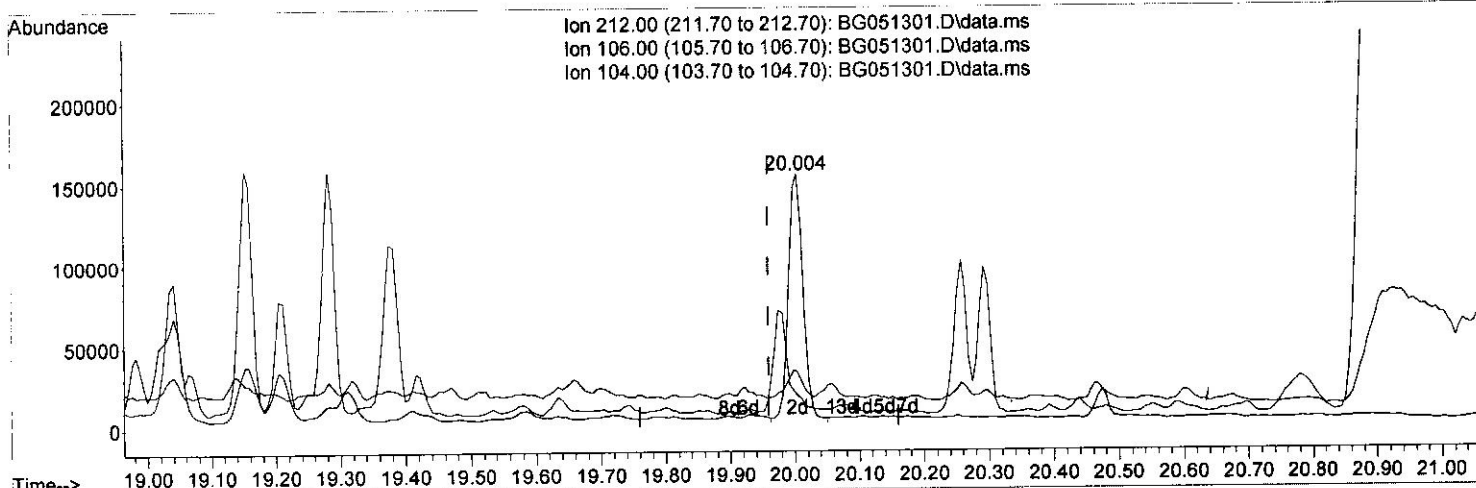
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TIC: BG051301.D\data.ms

(81) Pyrene-d10 (S)

20.004min (+ 0.044) 29.19 ng/ul m

response 244900

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.20	21.47#
104.00	9.50	12.48#
0.00	0.00	0.00

# Quantitation Report (Qedit)

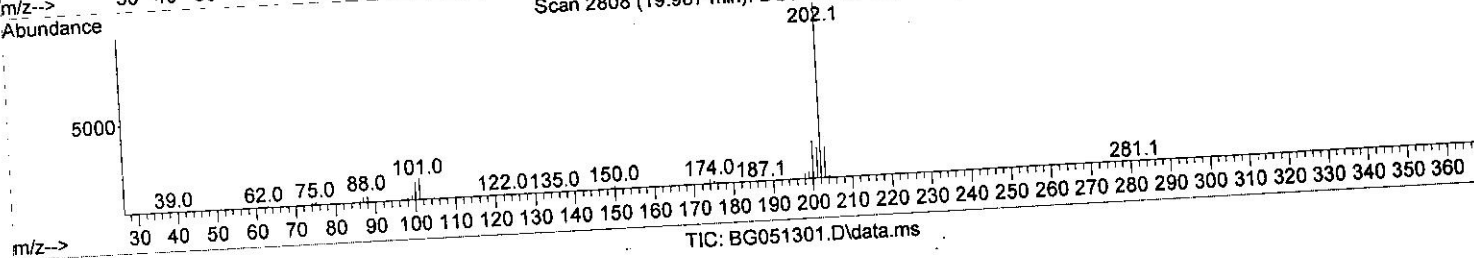
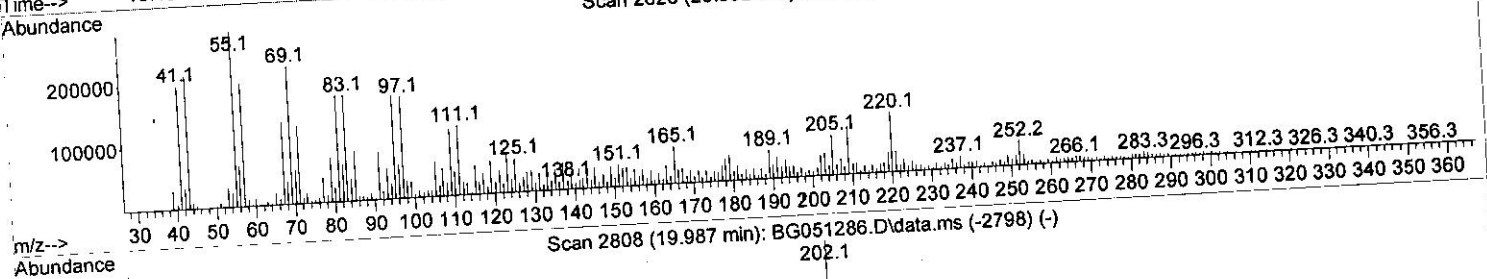
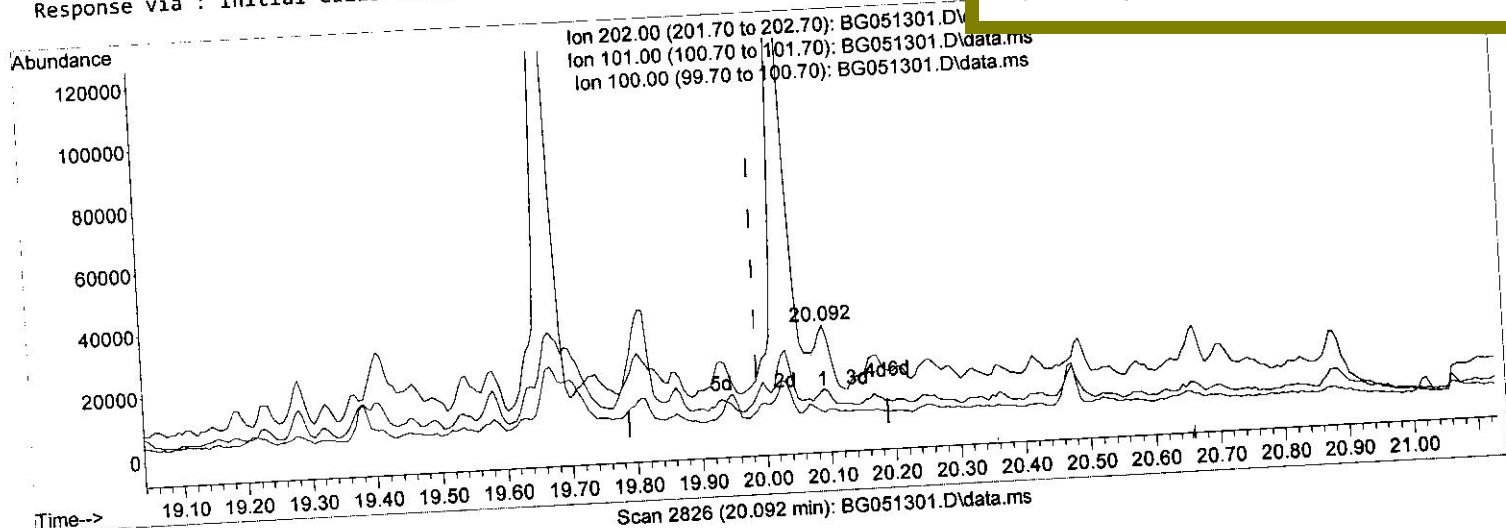
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(82) Pyrene

20.092min (+ 0.103) 3.07 ng/ul

response 30992

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	37.37#
100.00	11.30	13.93#
0.00	0.00	0.00



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Instrument :

BNA\_G

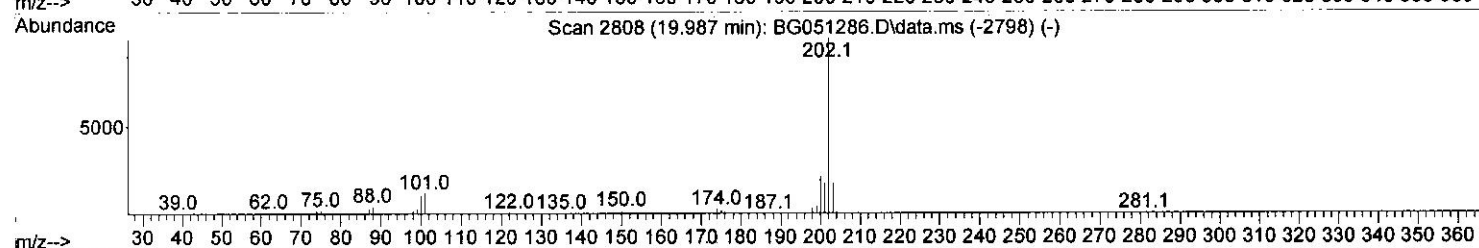
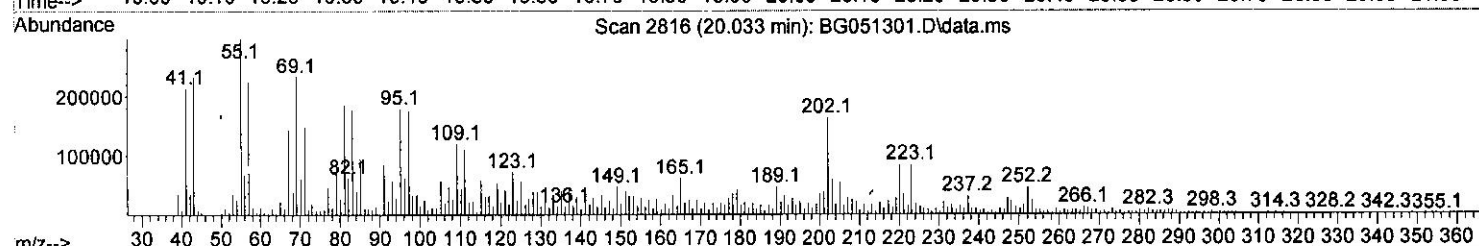
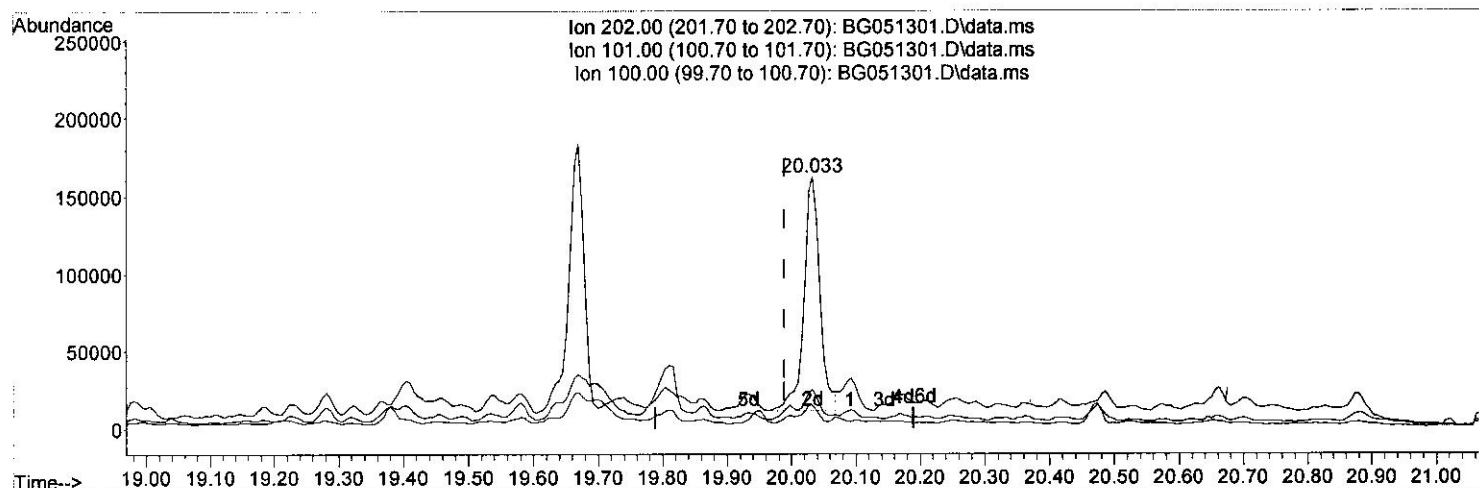
Client Sampled :

BGKP6

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TIC: BG051301.D\data.ms

(82) Pyrene

20.033min (+ 0.044) 26.18 ng/ul m

response 263927

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	15.47
100.00	11.30	9.03#
0.00	0.00	0.00

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Instrument :

BNA\_G

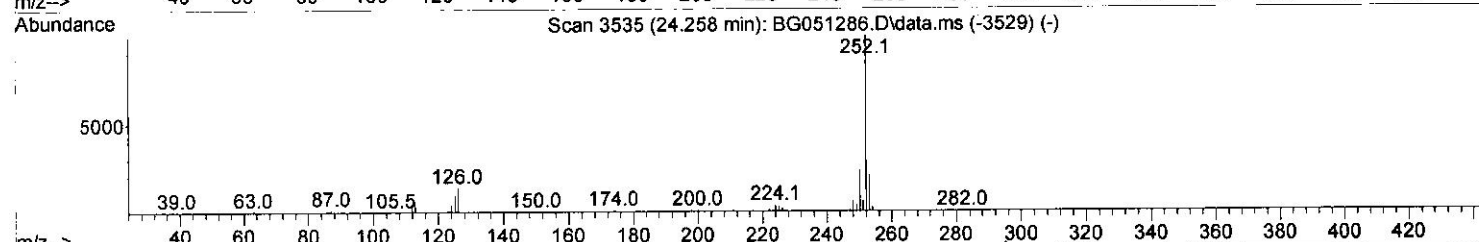
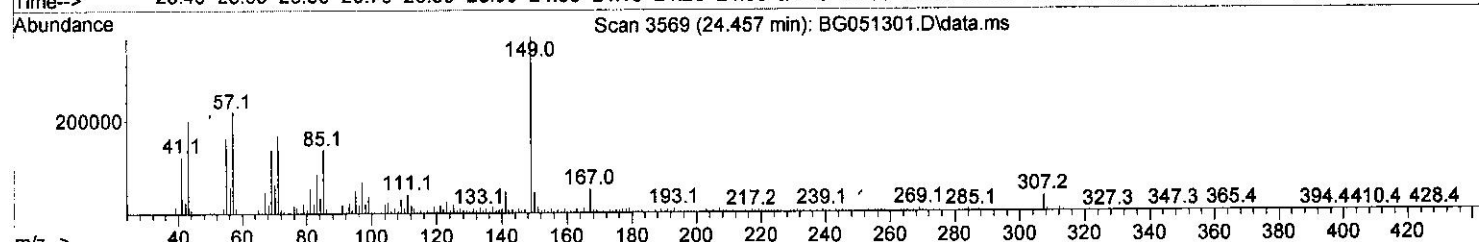
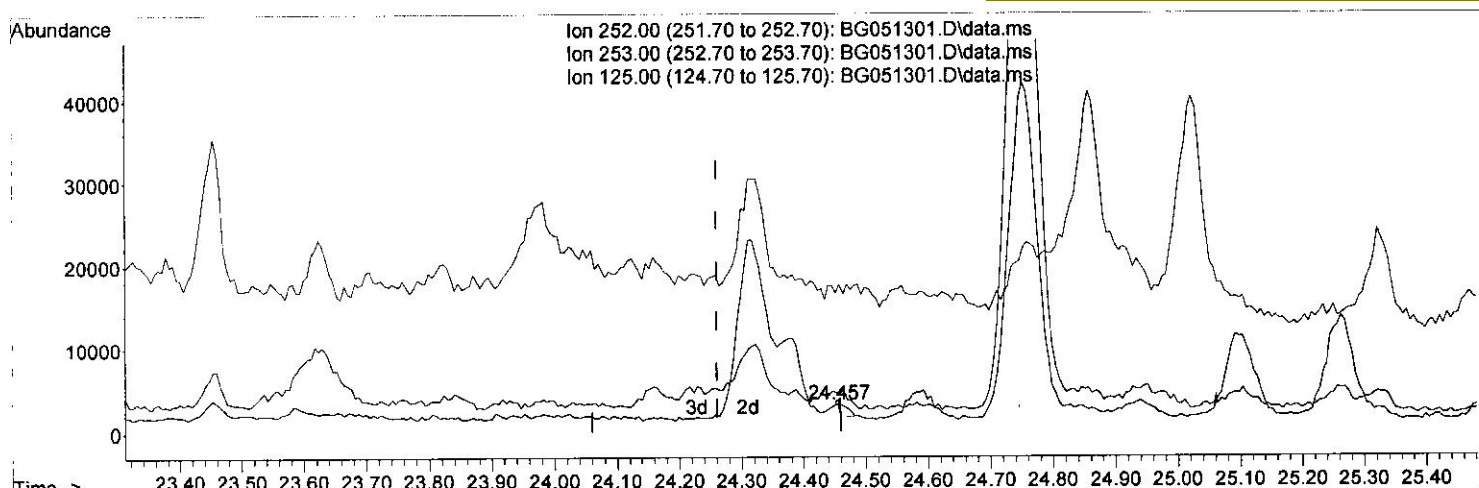
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BGKP6

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TIC: BG051301.D\data.ms

(91) Benzo(k)fluoranthene

24.457min (+ 0.197) 0.33 ng/ul

response 3016

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	137.37#
125.00	9.70	535.11#
0.00	0.00	0.00

# Quantitation Report (Qedit)

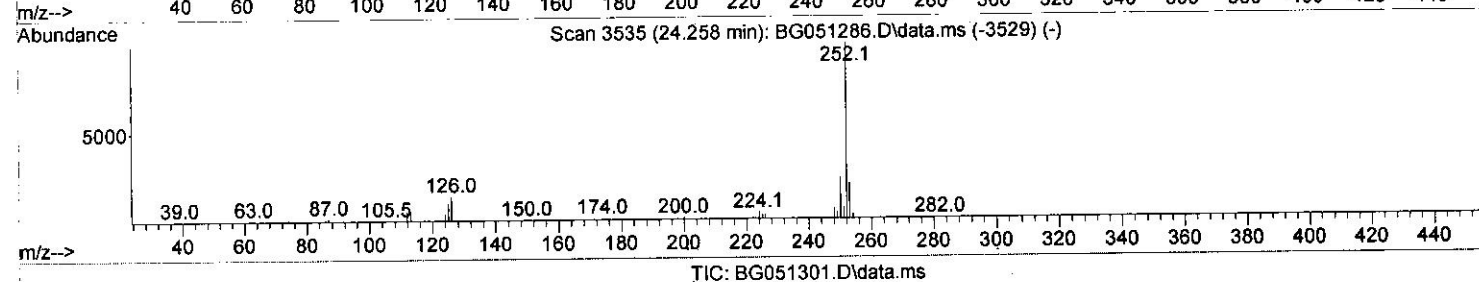
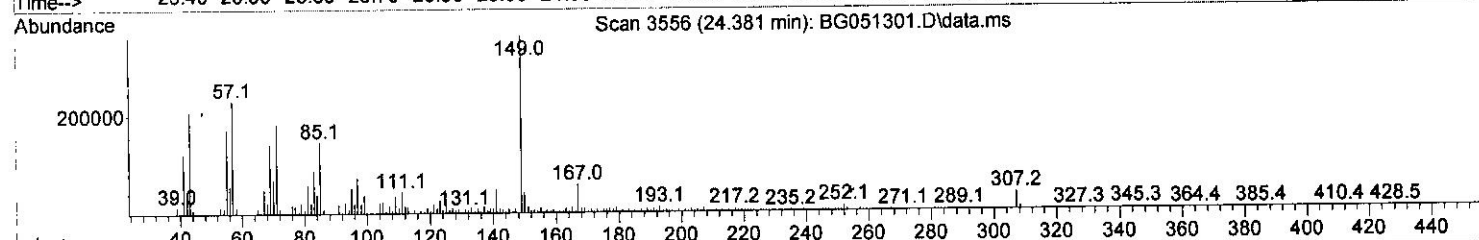
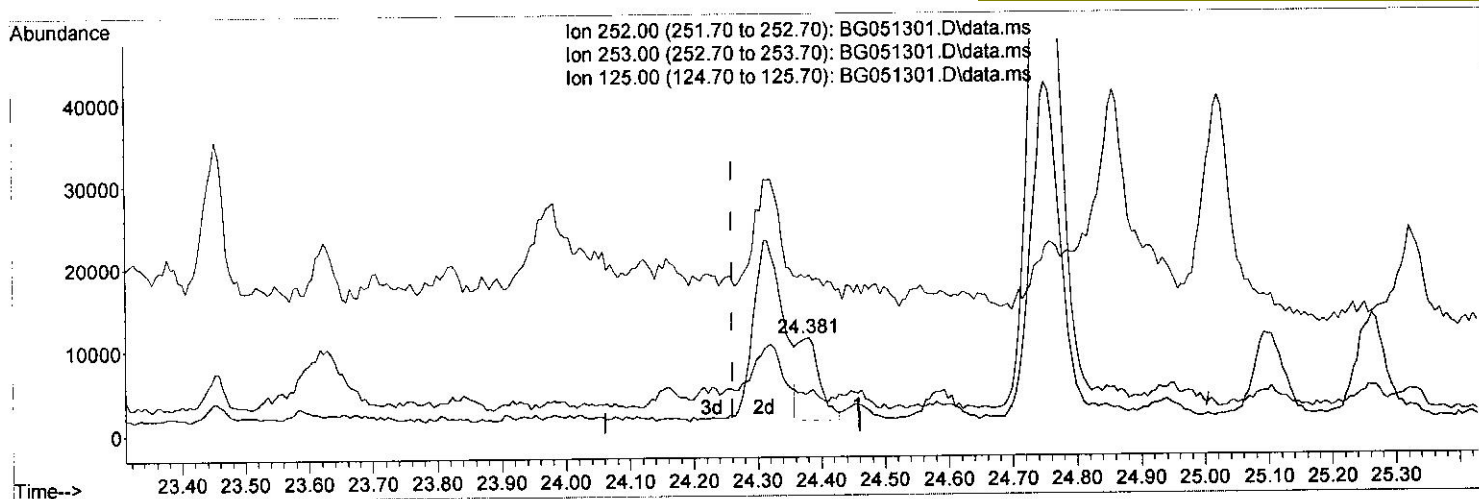
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(91) Benzo(k)fluoranthene

24.381min (+ 0.120) 2.65 ng/ul m

response 23908

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	42.71#
125.00	9.70	167.64#
0.00	0.00	0.00

# Quantitation Report (Qedit)

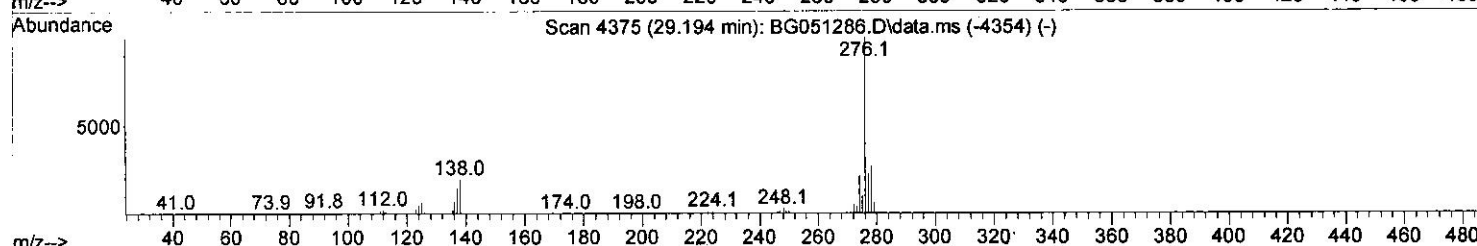
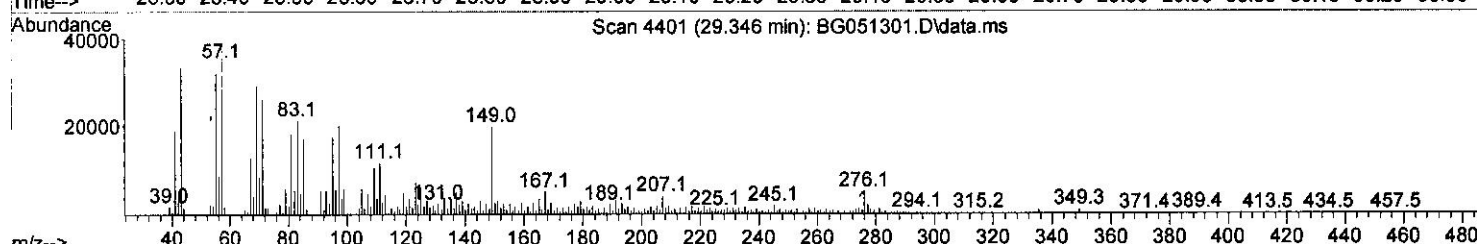
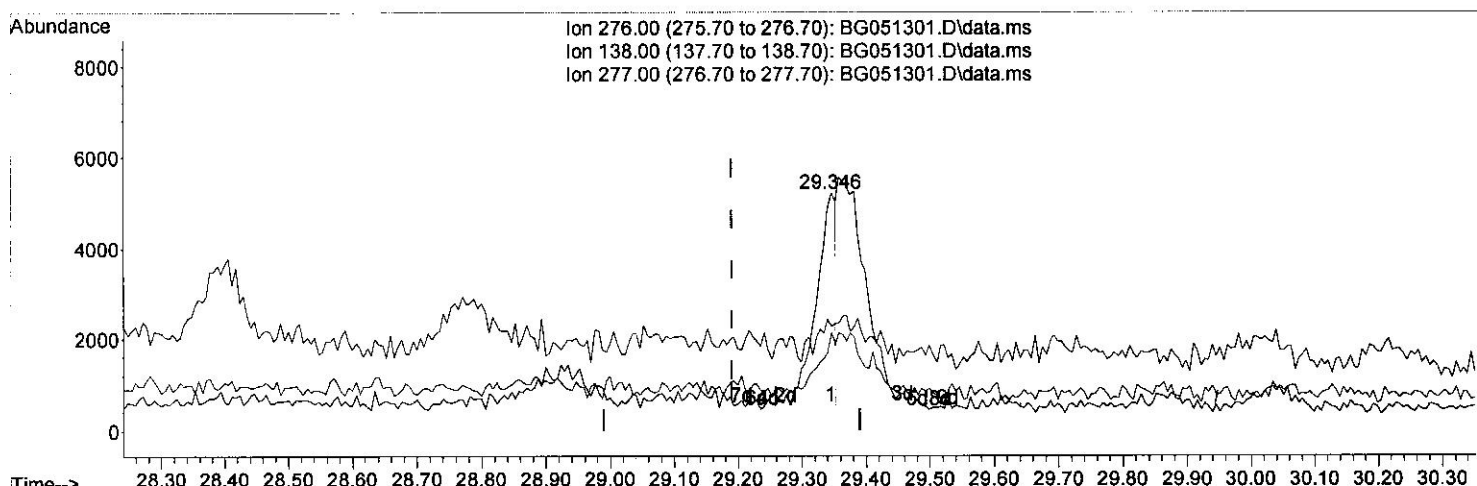
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TIC: BG051301.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.346min (+ 0.156) 0.95 ng/ul

response 9739

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	43.50#
277.00	25.60	40.86#
0.00	0.00	0.00



# Quantitation Report (Qedit)

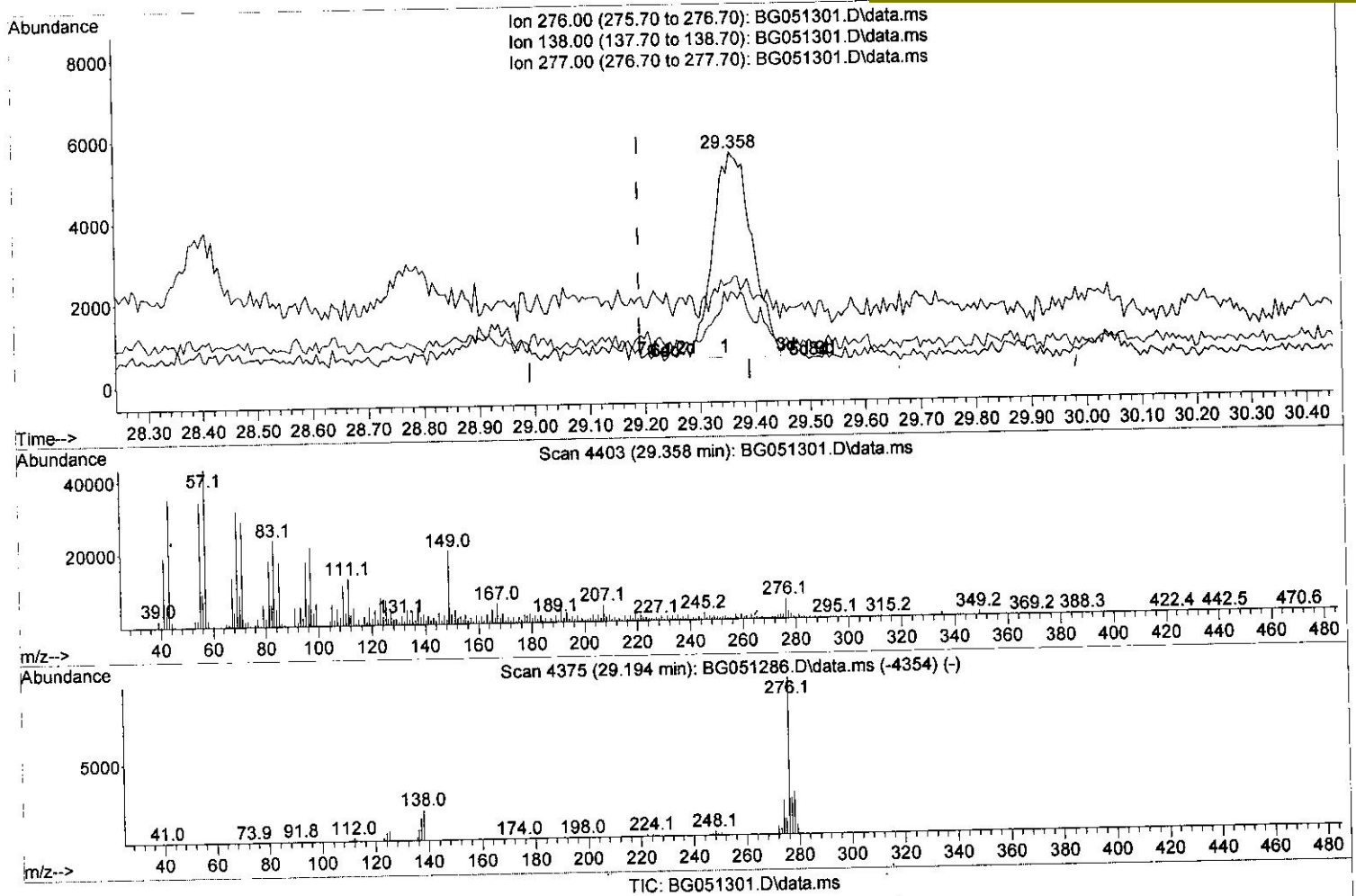
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(94) Indeno(1,2,3-cd)pyrene

29.358min (+ 0.167) 2.42 ng/ul m

response 24836

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	42.45#
277.00	25.60	38.45#
0.00	0.00	0.00

# Quantitation Report (Qedit)

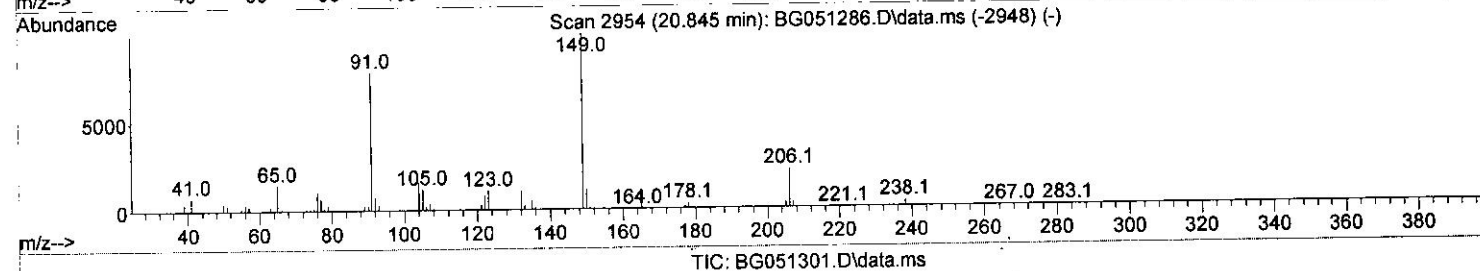
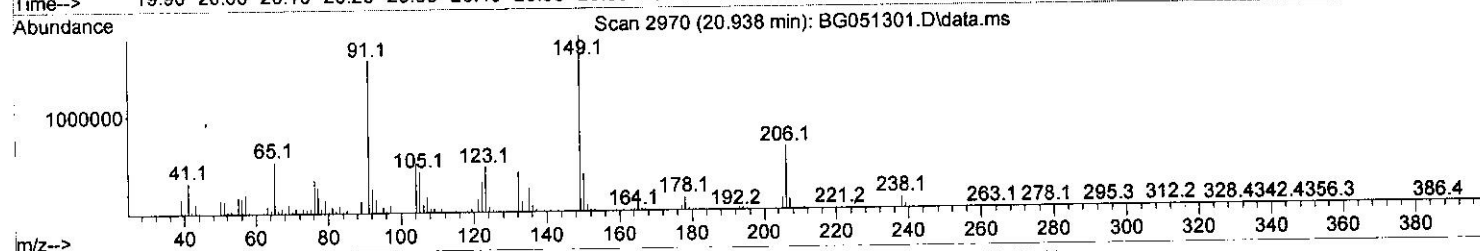
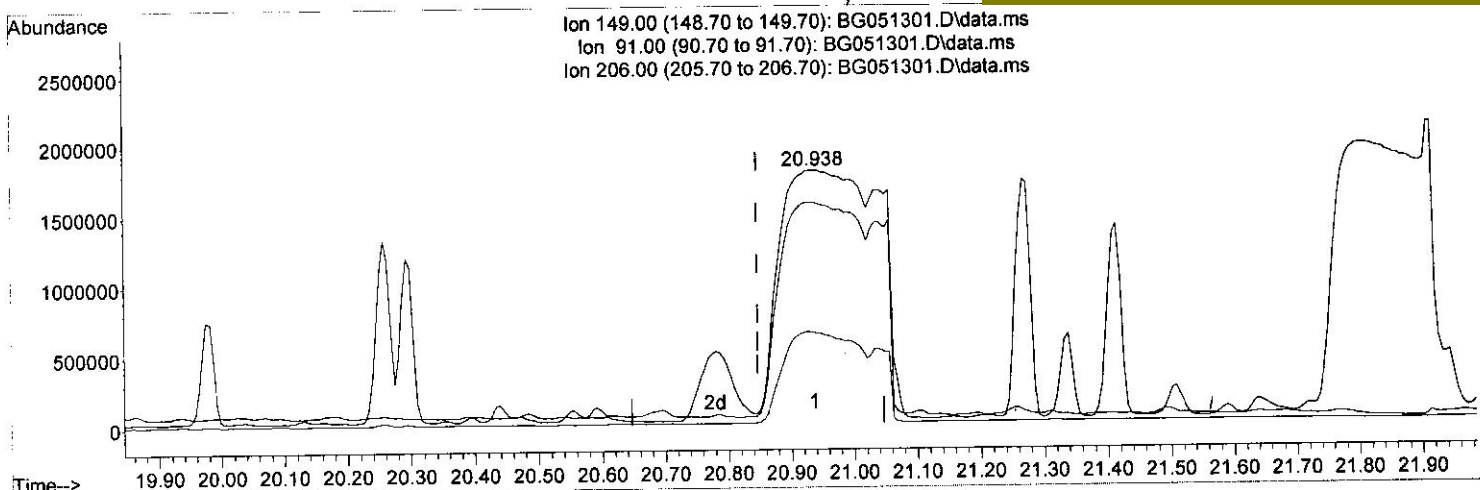
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(83) Butylbenzylphthalate

20.938min (+ 0.091) 2743.54 ng/ul

response 11496564

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	87.38
206.00	20.20	35.86#
0.00	0.00	0.00

# Quantitation Report (Qedit)

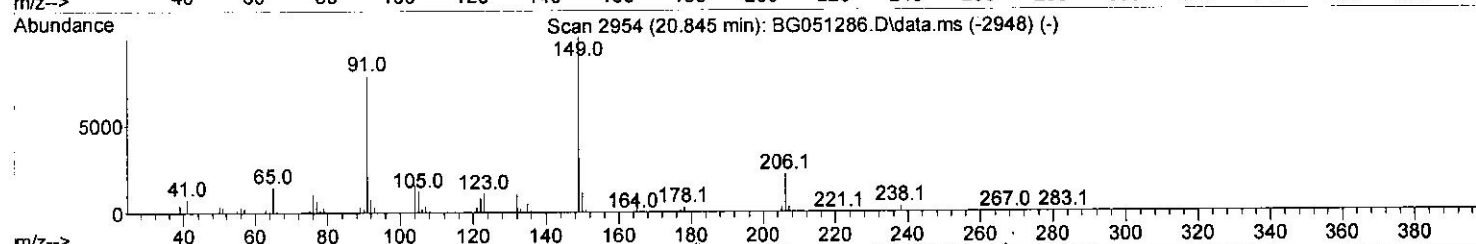
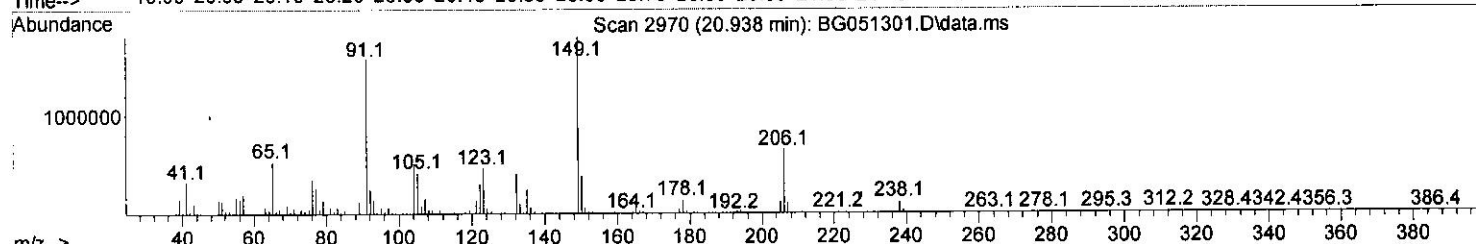
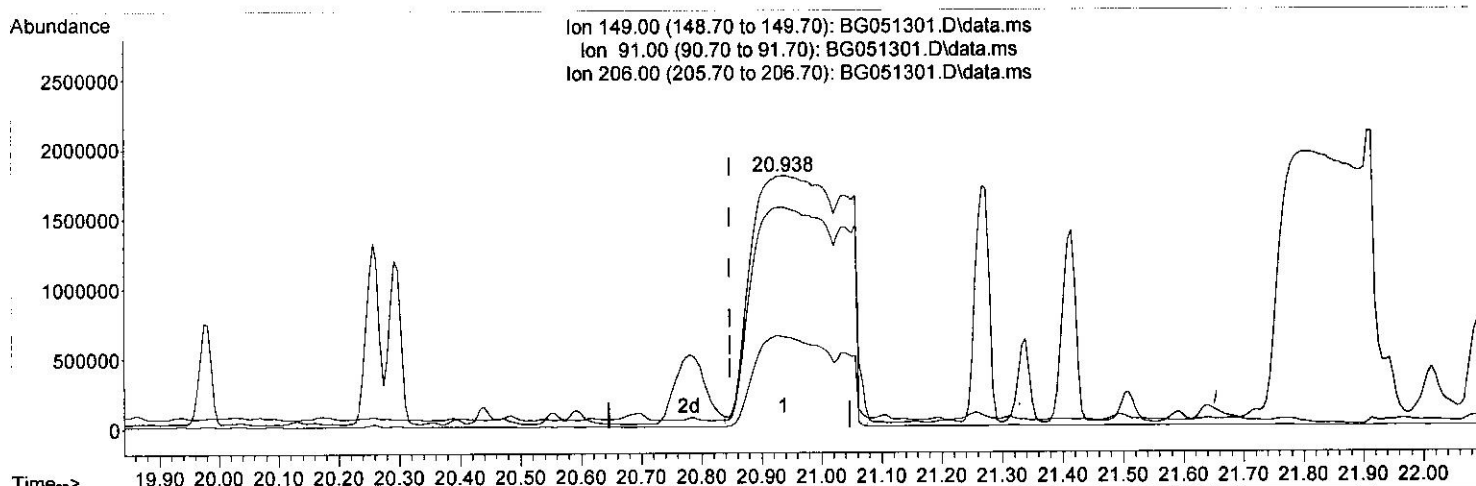
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120221\  
 Data File : BG051301.D  
 Acq On : 2 Dec 2021 12:49  
 Operator : CG/JU  
 Sample : M4868-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 BGKP6

Quant Time: Dec 02 13:32:16 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

Manual Integrations APPROVED

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



TIC: BG051301.D\data.ms

(83) Butylbenzylphthalate

20.938min (+ 0.091) 4562.06 ng/ul m

response 19116928

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	87.38
206.00	20.20	35.86#
0.00	0.00	0.00

# Quantitation Report (Qedit)

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 Data File : BG051301.D  
 Acq On : 2 Dec 2021 12:49  
 Operator : CG/JU  
 Sample : M4868-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA\_G

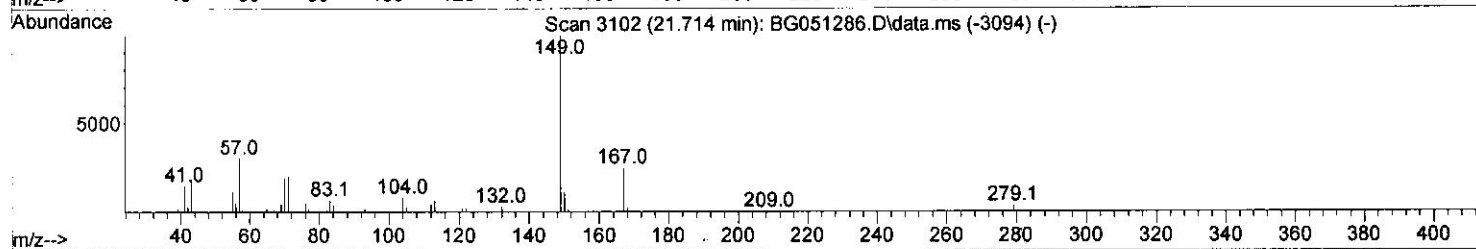
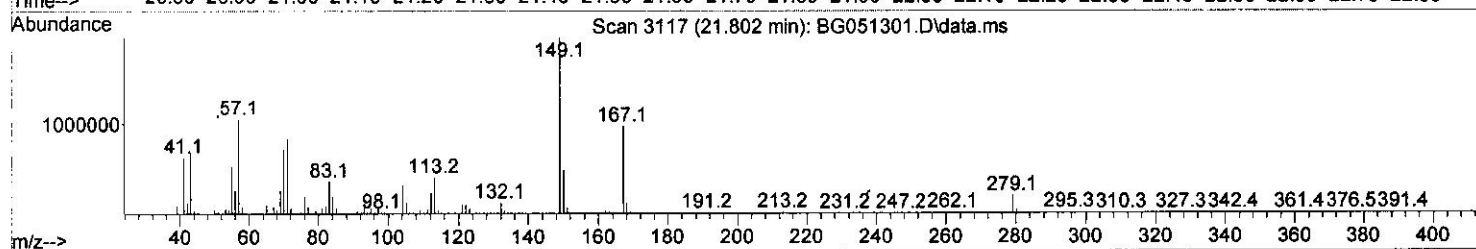
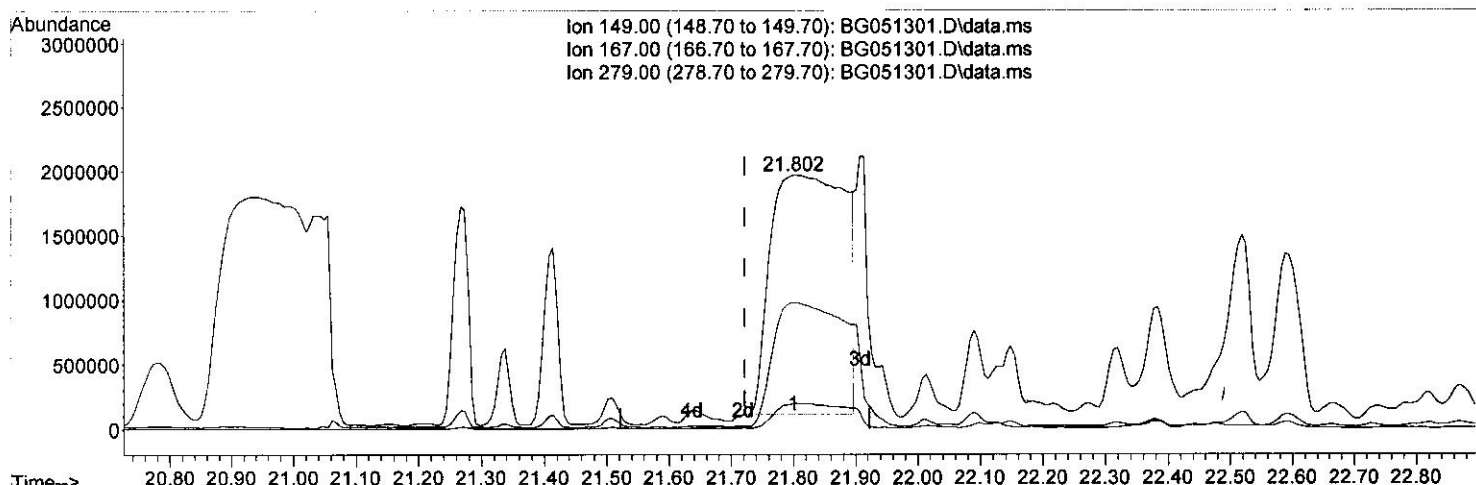
ClientSampled :

BGKP6

Quant Time: Dec 02 13:32:16 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Quant Title : SVOA CALIBRATION  
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Manual IntegrationsAPPROVED

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



TIC: BG051301.D\data.ms

(86) Bis(2-ethylhexyl)phthalate

21.802min (+ 0.079) 2559.64 ng/ul

response 15434544

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	26.40	49.68#
279.00	3.40	10.04#
0.00	0.00	0.00



# Quantitation Report (Qedit)

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 Data File : BG051301.D  
 Acq On : 2 Dec 2021 12:49  
 Operator : CG/JU  
 Sample : M4868-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA\_G

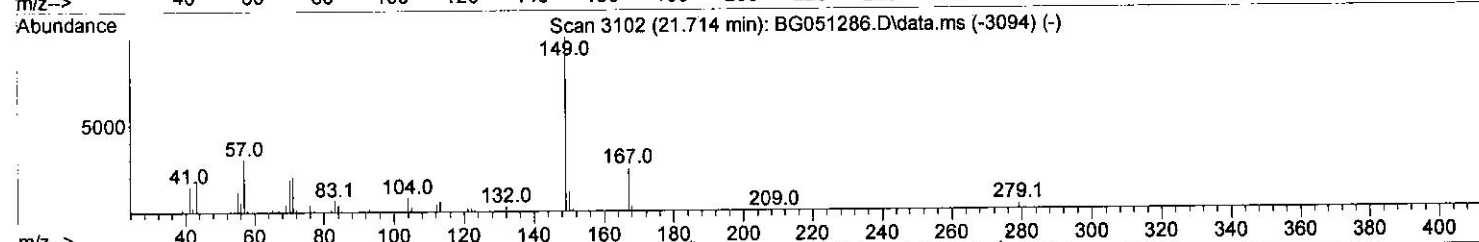
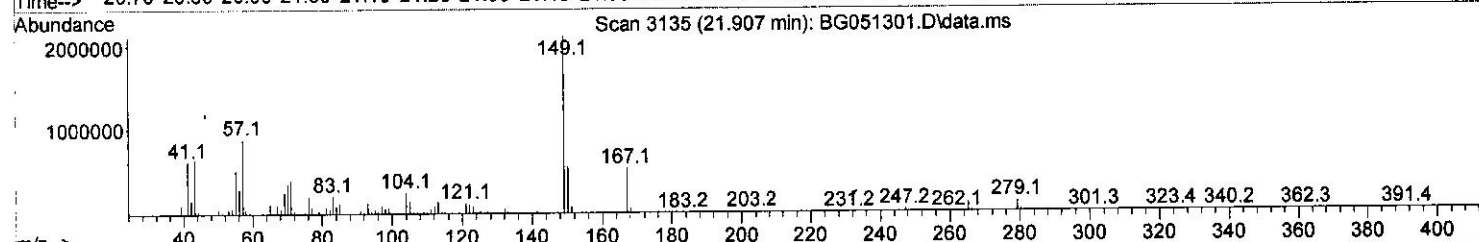
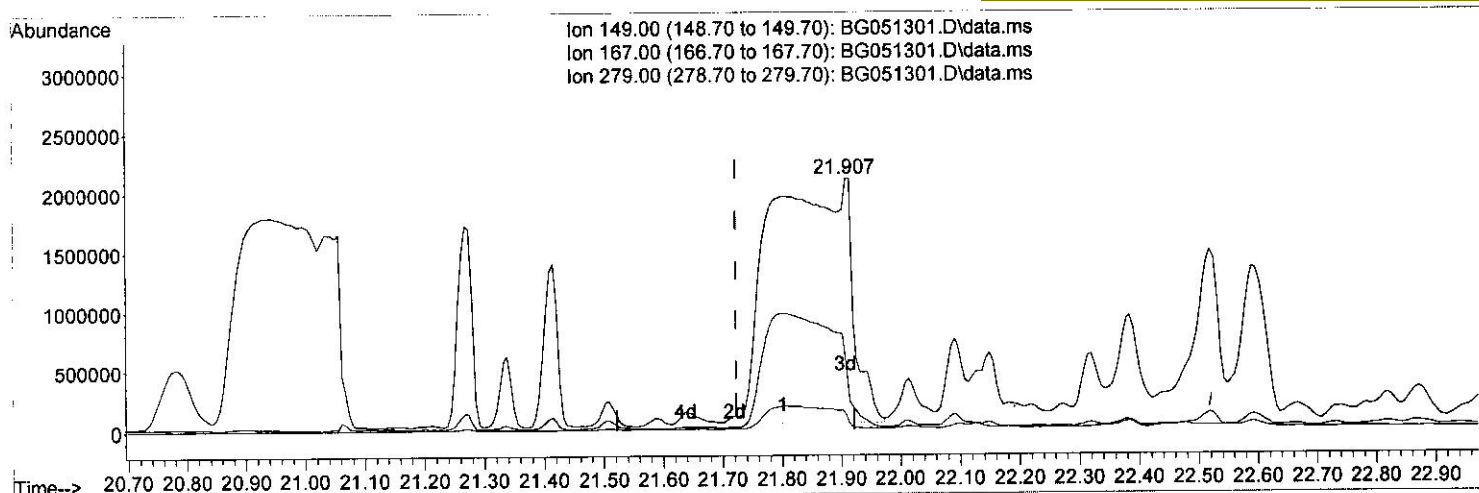
Client Sampled :

BGKP6

Quant Time: Dec 02 13:32:16 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  
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Manual Integrations APPROVED

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



TIC: BG051301.D\data.ms

(86) Bis(2-ethylhexyl)phthalate

21.907min (+ 0.185) 3218.76 ng/ul m

response 19409020

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	26.40	25.25
279.00	3.40	5.89#
0.00	0.00	0.00

**Quantitation Report (LSC Reviewed)**

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120221\  
 Data File : BG051301.D  
 Acq On : 2 Dec 2021 12:49  
 Operator : CG/JU  
 Sample : M4868-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**Client Sampled :**  
 BGKP6

Quant Time: Dec 02 13:32:16 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
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 QLast Update : Wed Nov 24 06:04:50 2021  
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**Manual Integrations APPROVED**

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	33082	20.000	ng/ul	0.00
20) Naphthalene-d8	11.044	136	127954	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.845	164	73407	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.613	188	145035	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.966	240	138652	20.000	ng/ul	# 0.09
88) Perylene-d12	25.427	264	142380	20.000	ng/ul	0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	3832	4.025	ng/ul	0.00
4) Pyridine-d5	3.976	84	45152	16.163	ng/ul	0.00
7) Phenol-d5	7.372	99	81926	25.057	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.524	67	59007	28.735	ng/ul	0.00
11) 2-Chlorophenol-d4	7.736	132	56138	23.843	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	65308	24.752	ng/ul	0.00
21) Nitrobenzene-d5	9.381	128	37318	34.550	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	33777	27.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	56963	27.555	ng/ul	0.00
31) 4-Chloroaniline-d4	11.173	131	53413	17.658	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	156478	27.704	ng/ul	0.00
49) Acenaphthylene-d8	14.540	160	208284	29.244	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	28011	30.638	ng/ul	0.01
60) Fluorene-d10	15.838	176	132473	26.045	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.985	200	13218	14.769	ng/ul	0.03
73) Anthracene-d10	17.712	188	197282	28.441	ng/ul	0.03
81) Pyrene-d10	20.004	212	244900m	29.191	ng/ul	0.04
92) Benzo(a)pyrene-d12	25.186	264	210813	27.724	ng/ul	0.14
Target Compounds						
8) Phenol	7.413	94	2111700	623.448	ng/ul#	82
13) 2-Methylphenol	8.647	108	214071	84.849	ng/ul	98
18) 4-Methylphenol	8.981	108	364496	135.107	ng/ul	95
26) 2,4-Dimethylphenol	10.192	107	264126m	102.365	ng/ul	
30) Naphthalene	11.126	128	7189063	1032.579	ng/ul#	67
32) 4-Chloroaniline	11.197	127	178058	58.636	ng/ul	99
36) 2-Methylnaphthalene	12.736	142	7304919	1542.546	ng/ul	92
37) 1-Methylnaphthalene	12.936	142	3824199	784.921	ng/ul#	98
43) 1,1'-Biphenyl	13.682	154	1961127	357.689	ng/ul	93
50) Acenaphthylene	14.569	152	62164	8.834	ng/ul#	21
52) Acenaphthene	14.910	153	959385	206.732	ng/ul	94
56) Dibenzofuran	15.251	168	1473826m	220.181	ng/ul	
59) Diethylphthalate	15.638	149	315899	52.640	ng/ul#	90
61) Fluorene	15.897	166	674806	125.857	ng/ul#	97
72) Phenanthrene	17.660	178	931809	116.360	ng/ul#	90
74) Anthracene	17.748	178	70286	8.838	ng/ul#	52
77) Carbazole	18.012	167	57187	8.192	ng/ul#	20
78) Di-n-butylphthalate	18.547	149	2505250	278.321	ng/ul#	87
80) Fluoranthene	19.669	202	289404	28.086	ng/ul#	84
82) Pyrene	20.033	202	263927m	26.184	ng/ul	
83) Butylbenzylphthalate	20.938	149	19116928m	4562.060	ng/ul	
85) Benzo(a)anthracene	21.943	228	87773	9.333	ng/ul#	1
86) Bis(2-ethylhexyl)phtha...	21.907	149	19409020m	3218.764	ng/ul	
87) Chrysene	22.013	228	91124	10.086	ng/ul#	75

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12/20/21

30  
12/20/21

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## Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Di-n-octyl phthalate	23.094	149	10270258	995.667	ng/ul	100
90) Benzo(b)fluoranthene	24.311	252	69541	7.237	ng/ul#	1
91) Benzo(k)fluoranthene	24.381	252	23908m	2.651	ng/ul	
93) Benzo(a)pyrene	25.262	252	36461	3.977	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	29.358	276	24836m	2.421	ng/ul	
96) Benzo(g,h,i)perylene	30.609	276	15115	1.751	ng/ul#	32

SV  
 12/20/21

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