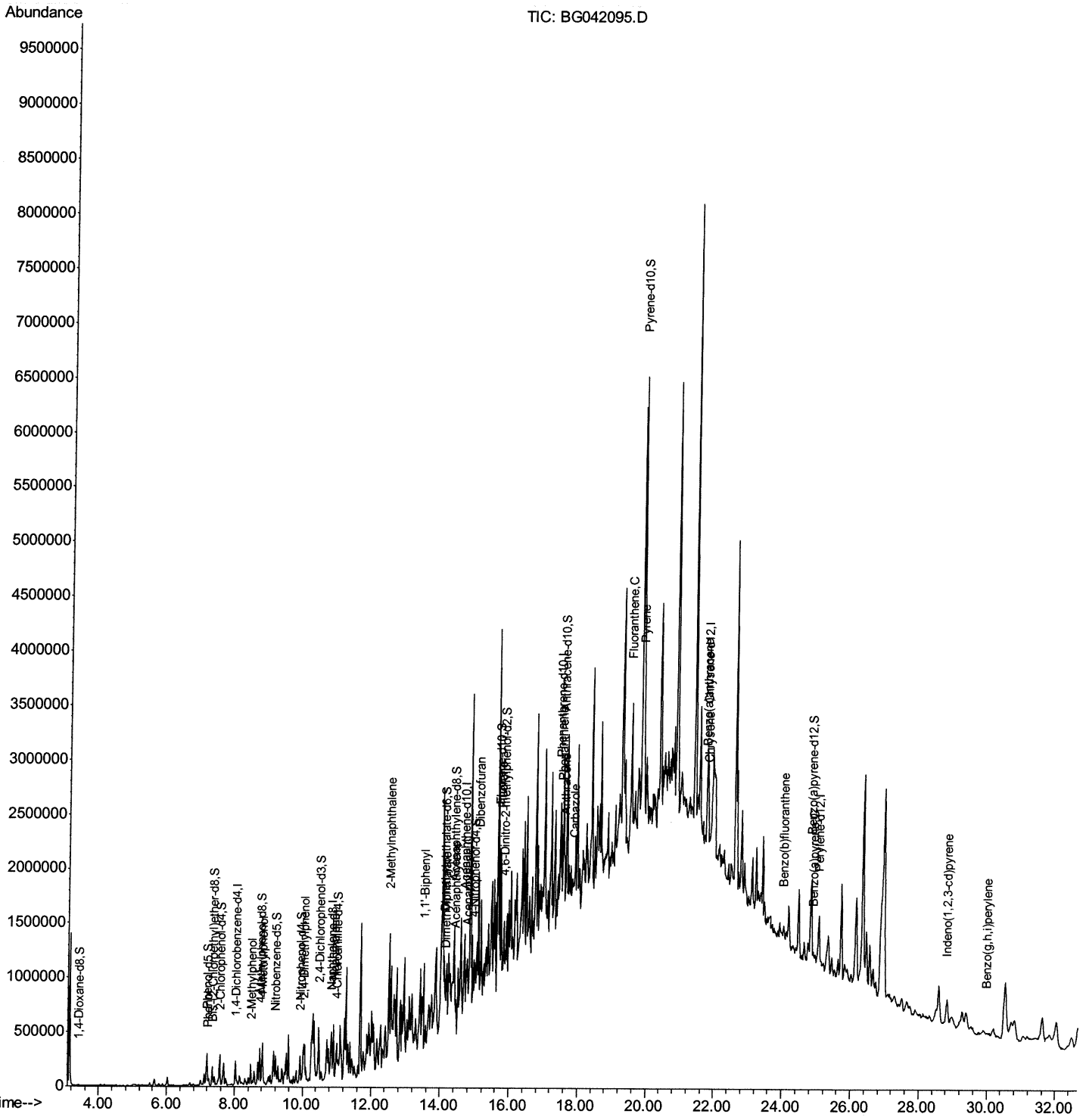
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042095.D
Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 22:06:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AM8

Manual Integrations APPROVED
Sohil
8/13/2019 8:16:32 AM



Quantitation Report (Qedit)

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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
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Misc :
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Quant Time: Aug 09 16:26:16 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
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Instrument :
BNA_G
ClientSampleId :
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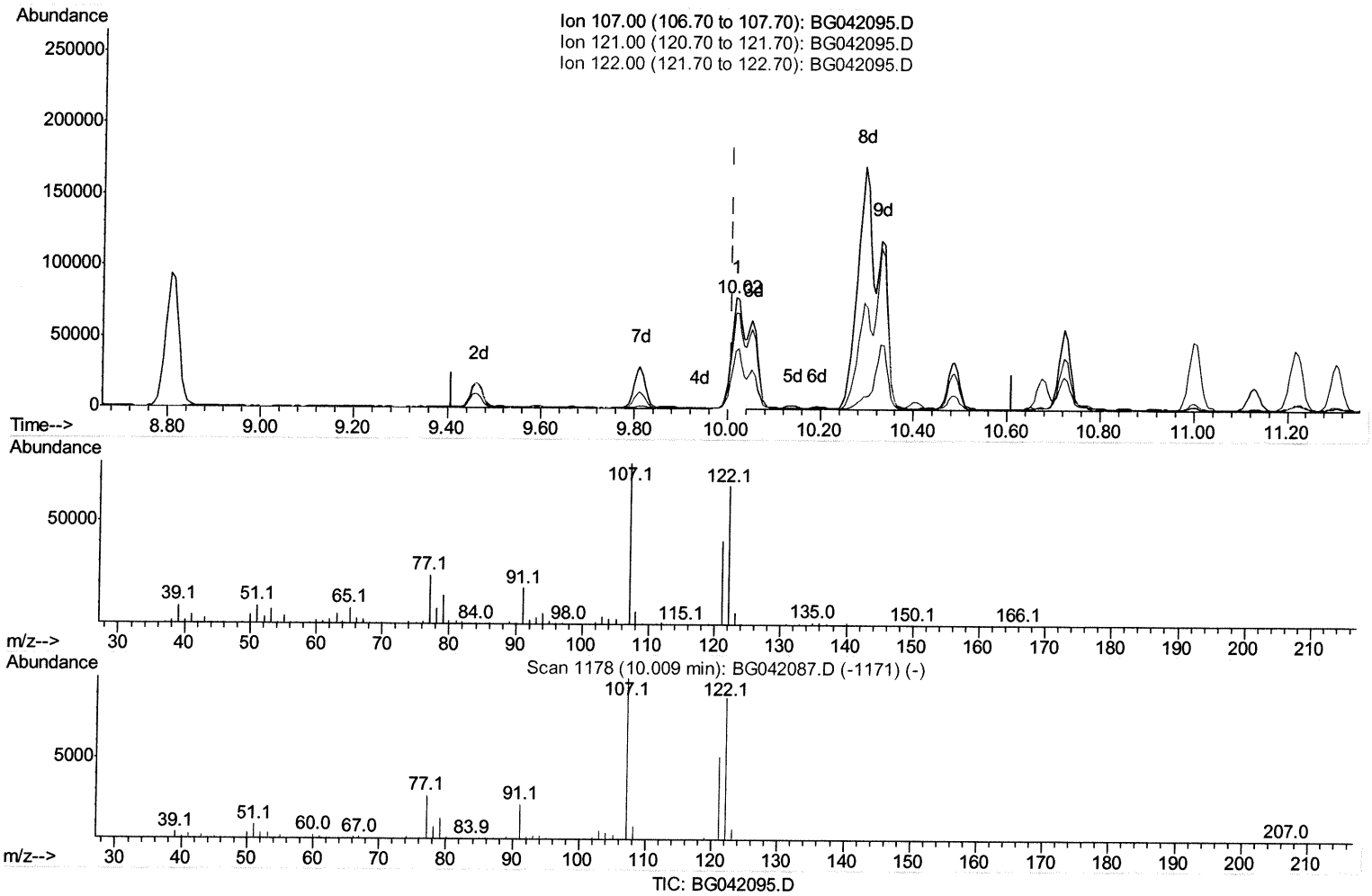
Manual Integrations APPROVED
Sohil
8/13/2019 8:16:32 AM



TIC: BG042095.D

(24) 2,4-Dimethylphenol

10.017min (+0.008) 29.11ng/ul

response 152140

Ion	Exp%	Act%
107.00	100	100
121.00	56.30	51.86
122.00	85.10	86.02
0.00	0.00	0.00

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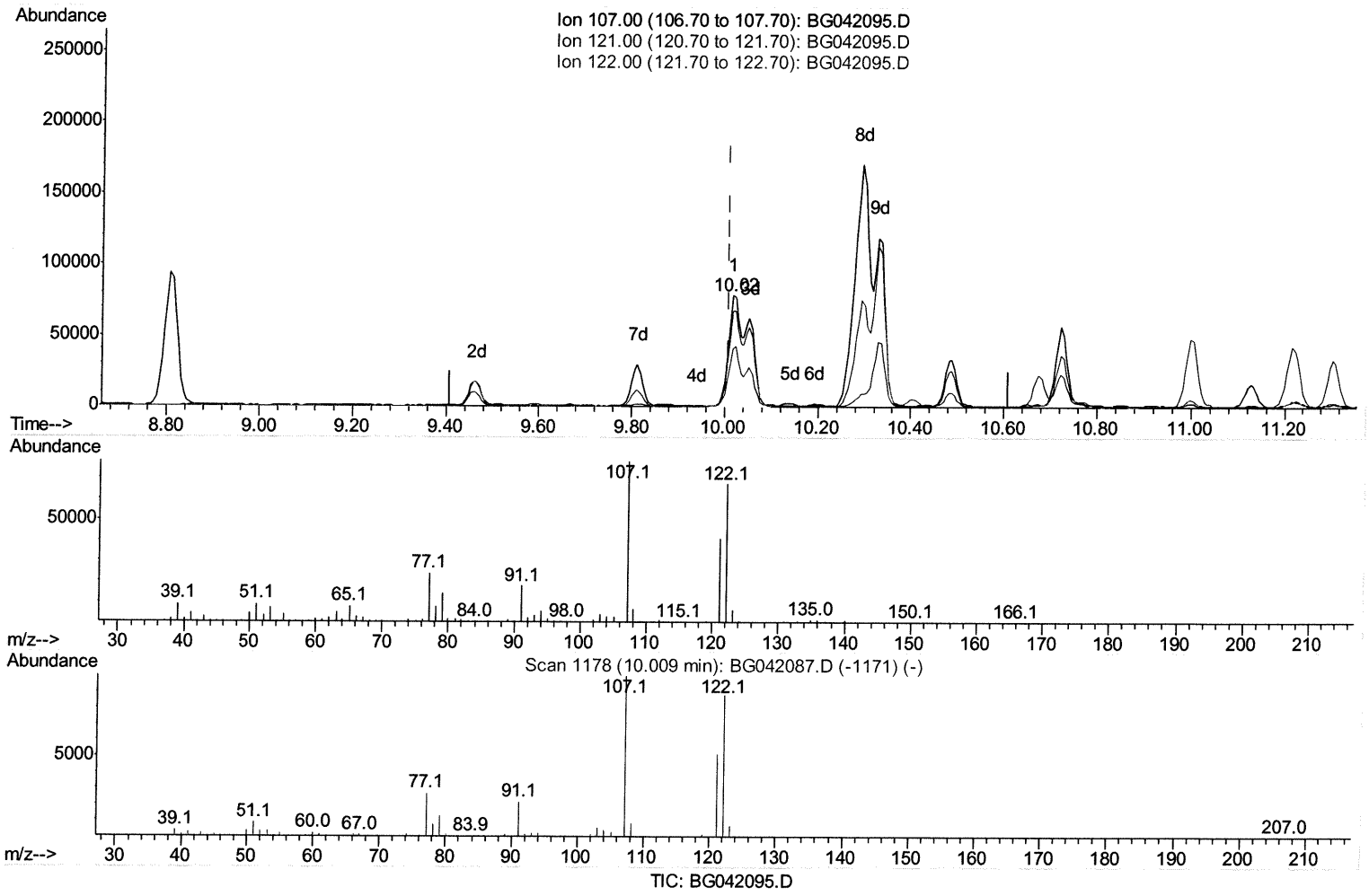
C0AM8

Manual Integrations APPROVED
Sohil
8/13/2019 8:16:32 AM



TIC: BG042095.D

(24) 2,4-Dimethylphenol

10.017min (+0.008) 45.83ng/ul m JU 08/12/19

response 239537

Ion	Exp%	Act%
107.00	100	100
121.00	56.30	51.86
122.00	85.10	86.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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Operator : HP/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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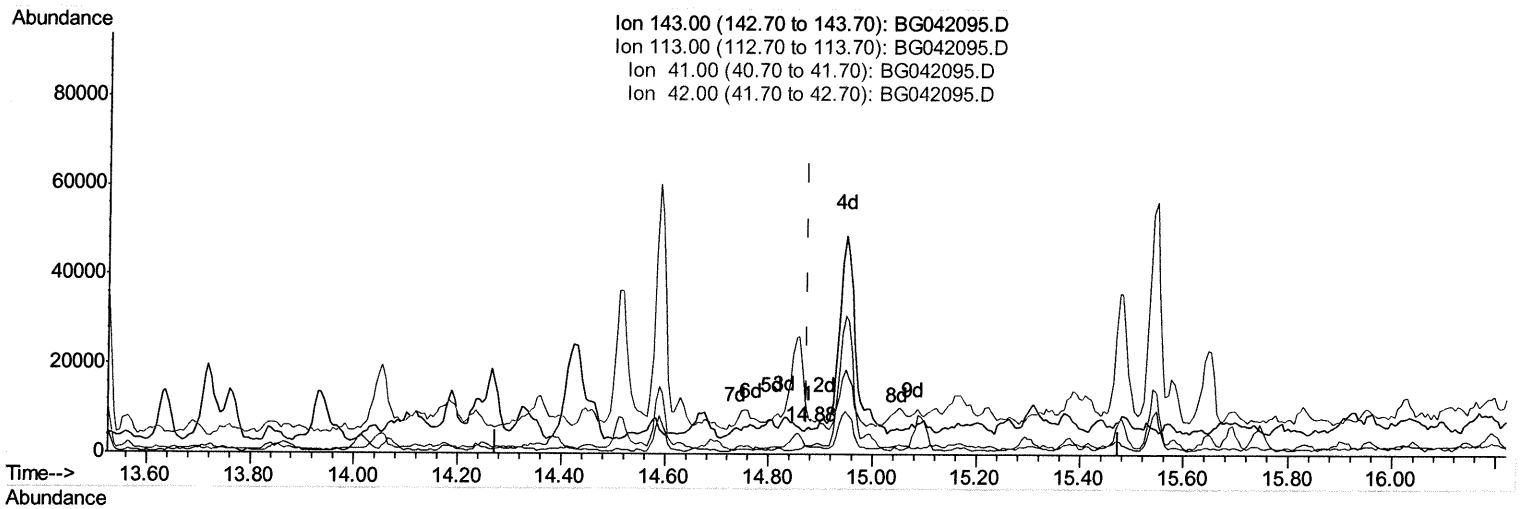
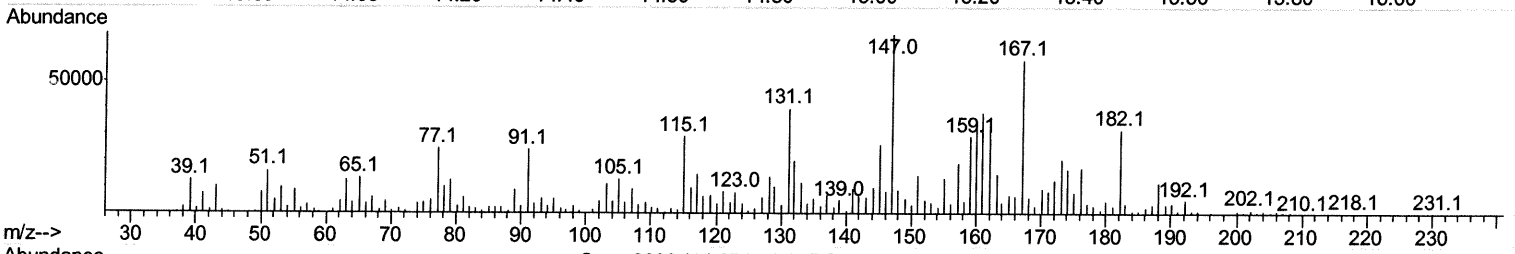
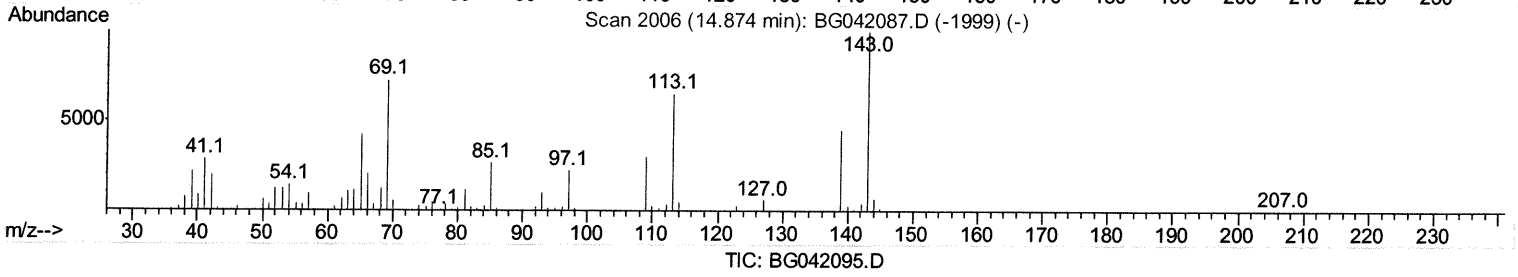
Instrument :
BNA_G
ClientSampleId :
C0AM8

Manual Integrations APPROVED
Sohil
8/13/2019 8:16:32 AM







TIC: BG042095.D

(51) 4-Nitrophenol-d4 (S)

14.876min (+0.002) 0.13ng/ul

response 344

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	31.10#
41.00	31.00	127.78#
42.00	21.10	27.05#

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 09 16:26:16 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
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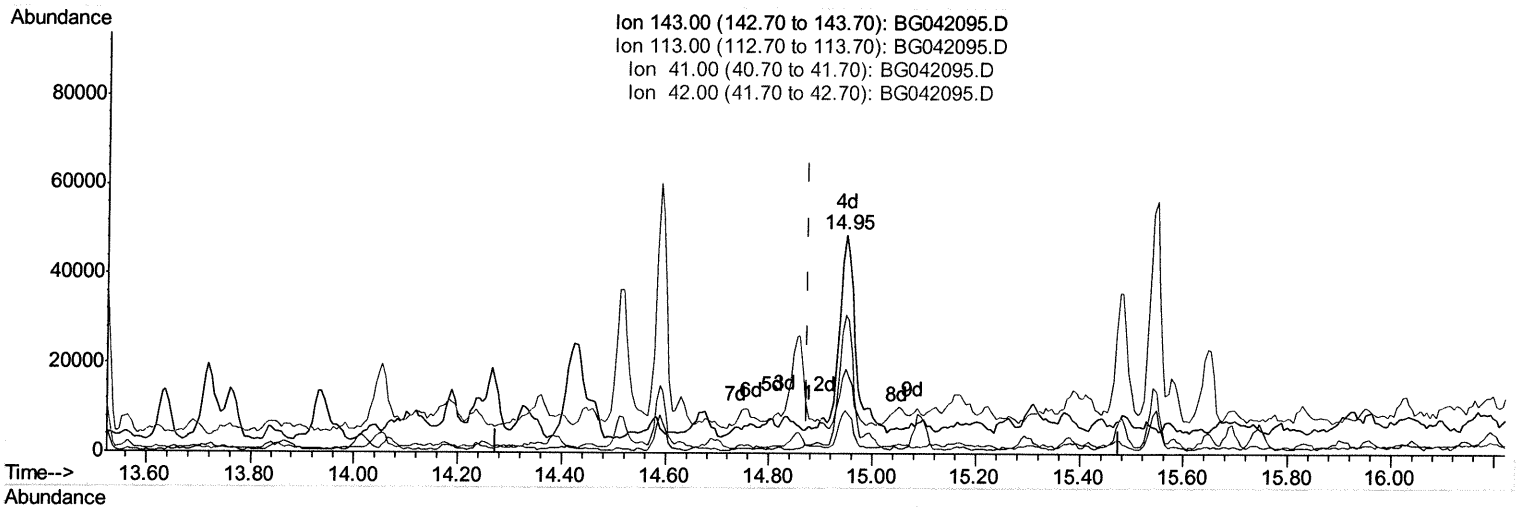
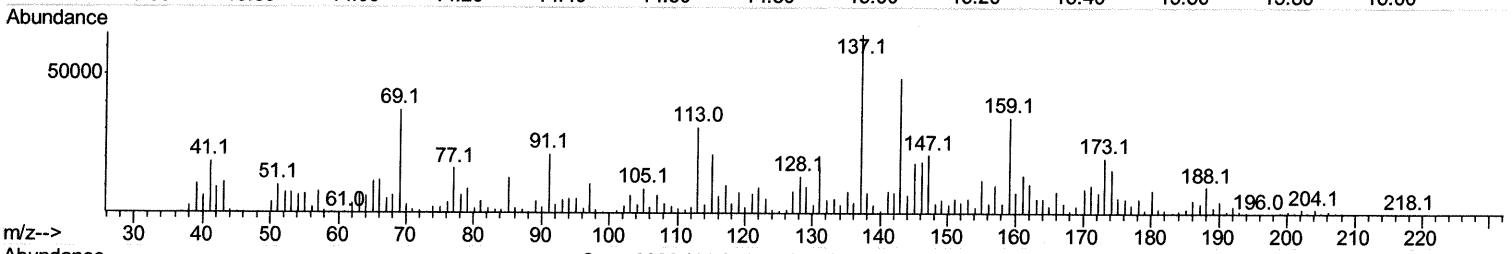
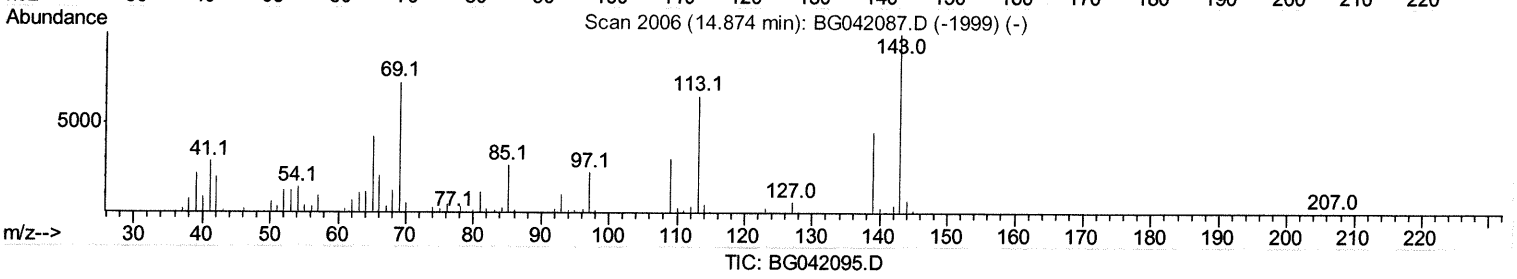
Instrument :
BNA_G
ClientSampleId :
C0AM8

Manual Integrations APPROVED
Sohil
8/13/2019 8:16:32 AM







TIC: BG042095.D

(51) 4-Nitrophenol-d4 (S)

14.947min (+0.073) 36.06ng/ul m JU 08/12/19

response 98699

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	63.64
41.00	31.00	38.63#
42.00	21.10	19.57

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AM8

Manual Integrations APPROVED
Sohil
8/13/2019 8:16:32 AM

Quant Time: Aug 10 22:06:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	283724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	210204	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	386205	20.00	ng/ul	0.01
77) Chrysene-d12	21.74	240	414741	20.00	ng/ul	0.02
85) Perylene-d12	25.05	264	499210	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	7150	4.27	ng/uL	0.00
5) Phenol-d5	7.19	99	166640	28.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	81166	25.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	152315	30.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	145815	30.21	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	78917	36.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	93431	37.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	176150	35.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	159347	28.69	ng/ul	0.02
43) Dimethylphthalate-d6	14.11	166	489134	30.00	ng/ul	0.02
46) Acenaphthylene-d8	14.39	160	573253	30.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.95	143	98699m →	36.06	ng/ul >	0.07 JU 08/12/19
57) Fluorene-d10	15.69	176	564326	38.91	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.83	200	88839	35.85	ng/ul	0.04
70) Anthracene-d10	17.56	188	708415	38.23	ng/ul	0.02
78) Pyrene-d10	19.85	212	728386	31.47	ng/ul	0.02
89) Benzo(a)pyrene-d12	24.82	264	900251	34.52	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	7.21	94	39274	6.619	ng/ul	94
11) 2-Methylphenol	8.47	108	65544	13.778	ng/ul	92
16) 4-Methylphenol	8.81	108	176755	34.393	ng/ul	85
24) 2,4-Dimethylphenol	10.02	107	239537m →	45.825	ng/ul >	JU 08/12/19
28) Naphthalene	10.90	128	346060	23.858	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	667623	57.909	ng/ul	100
40) 1,1'-Biphenyl	13.52	154	124525	8.147	ng/ul	95
44) Dimethylphthalate	14.15	163	129772	8.017	ng/ul#	57
47) Acenaphthylene	14.42	152	32855	1.748	ng/ul#	31
49) Acenaphthene	14.76	153	78156	5.947	ng/ul	93
53) Dibenzofuran	15.09	168	274307	13.985	ng/ul	95
58) Fluorene	15.75	166	404038	25.574	ng/ul#	98
69) Phenanthrene	17.50	178	578390	27.356	ng/ul#	92
71) Anthracene	17.59	178	197823	9.225	ng/ul#	87
74) Carbazole	17.87	167	61110	3.440	ng/ul#	71
76) Fluoranthene	19.51	202	289596	11.855	ng/ul	98
79) Pyrene	19.87	202	376433	13.493	ng/ul	97
82) Benzo(a)anthracene	21.73	228	123672	4.301	ng/ul#	66
84) Chrysene	21.79	228	104815	3.905	ng/ul#	69
87) Benzo(b)fluoranthene	24.00	252	87640	2.797	ng/ul#	73
90) Benzo(a)pyrene	24.89	252	85836	2.875	ng/ul#	79
91) Indeno(1,2,3-cd)pyrene	28.81	276	42437	1.219	ng/ul#	80
93) Benzo(g,h,i)perylene	29.98	276	34096	1.173	ng/ul#	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_G
ClientSampleId :
C0AM8

Manual Integrations APPROVED
Sohil
8/13/2019 8:16:32 AM