Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049271.D
Acq On : 10 Jul 2021 18:25
Operator : CG/JU
Sample : PB137576BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 11 02:20:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS576

Manual Integrations APPROVED
mohammad
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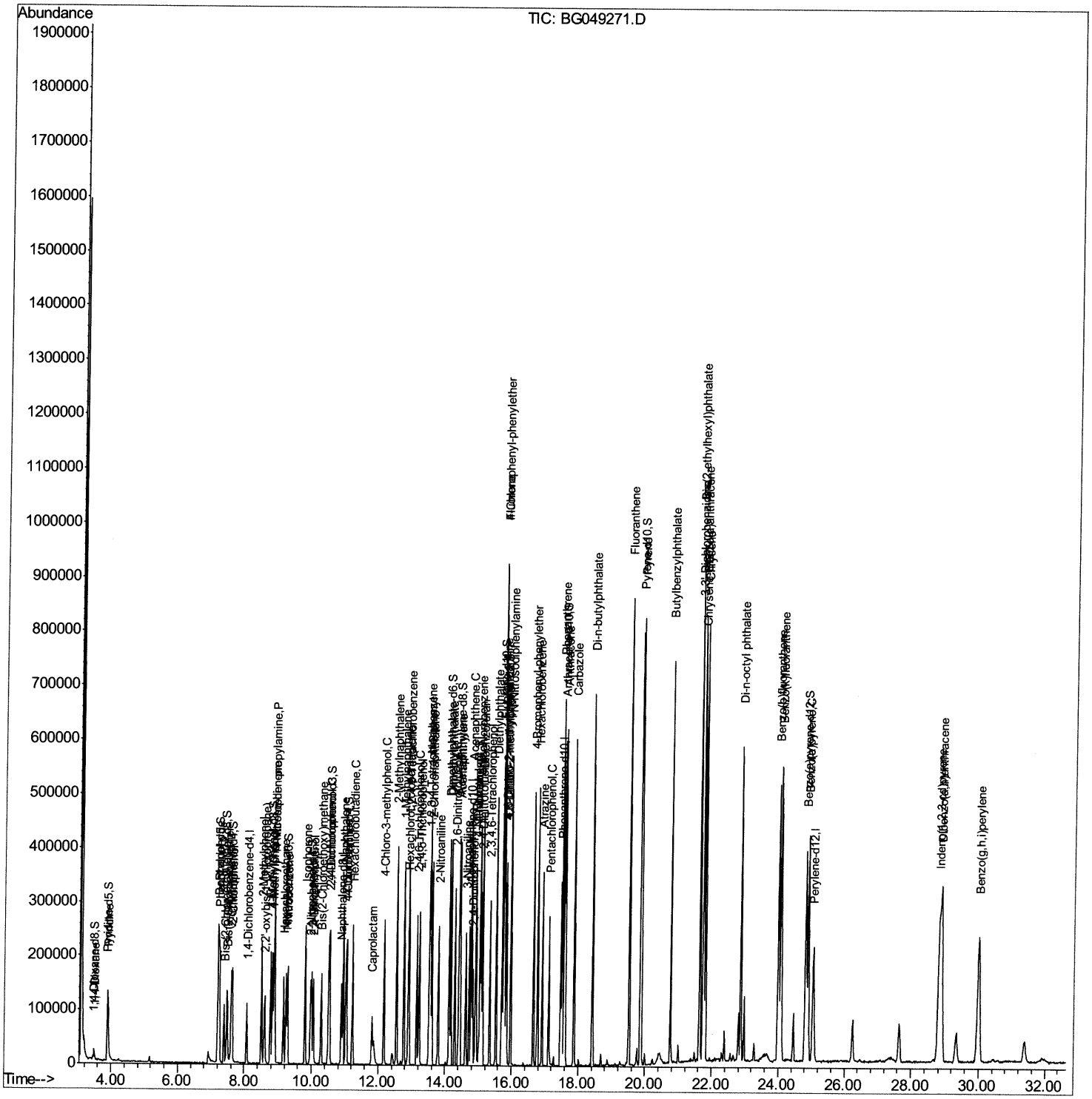

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Data File : BG049271.D
Acq On : 10 Jul 2021 18:25
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Quant Time: Jul 11 00:38:10 2021
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Quant Title : SVOA CALIBRATION
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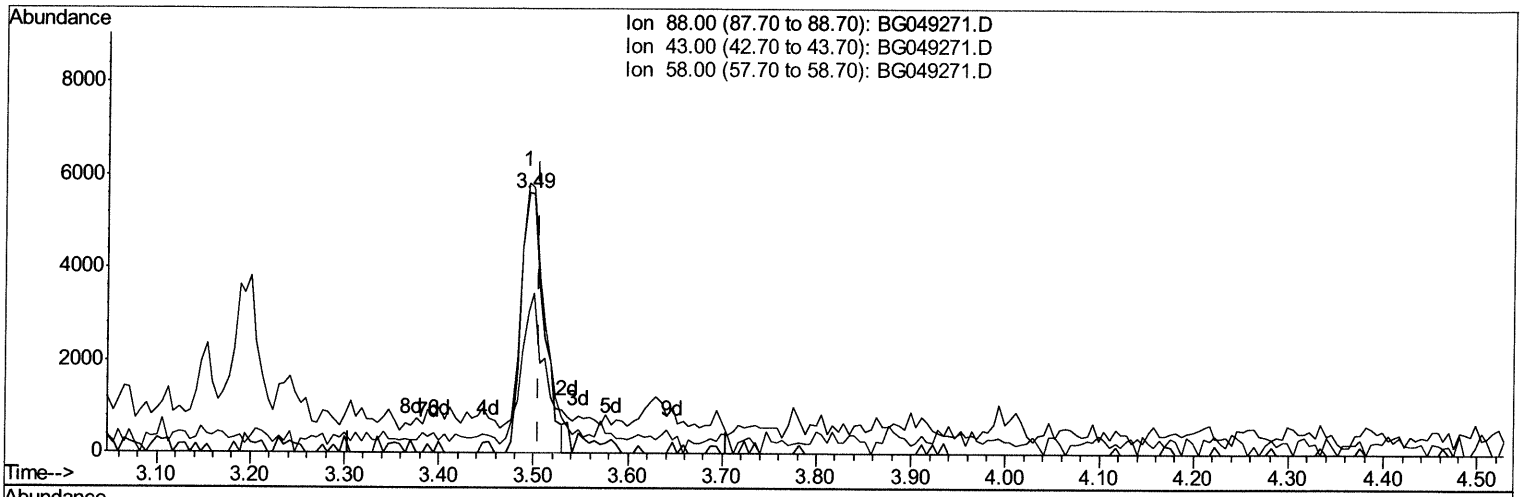

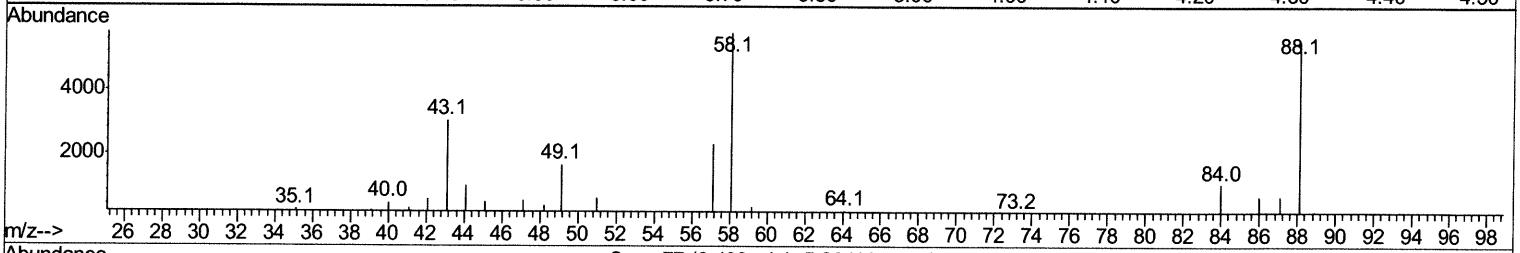

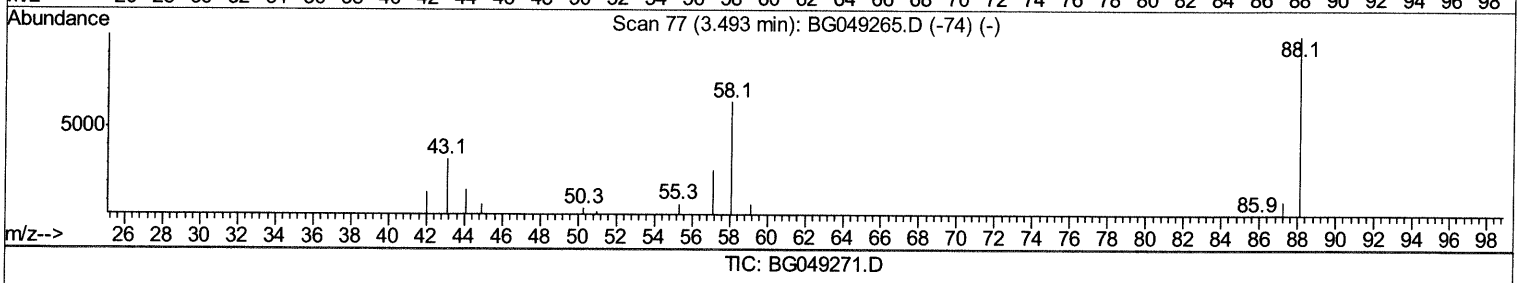

TIC: BG049271.D

(2) 1,4-Dioxane

3.494min (-0.011) 12.11ng/uL

response 9497

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	54.28#
58.00	90.90	103.94
0.00	0.00	0.00

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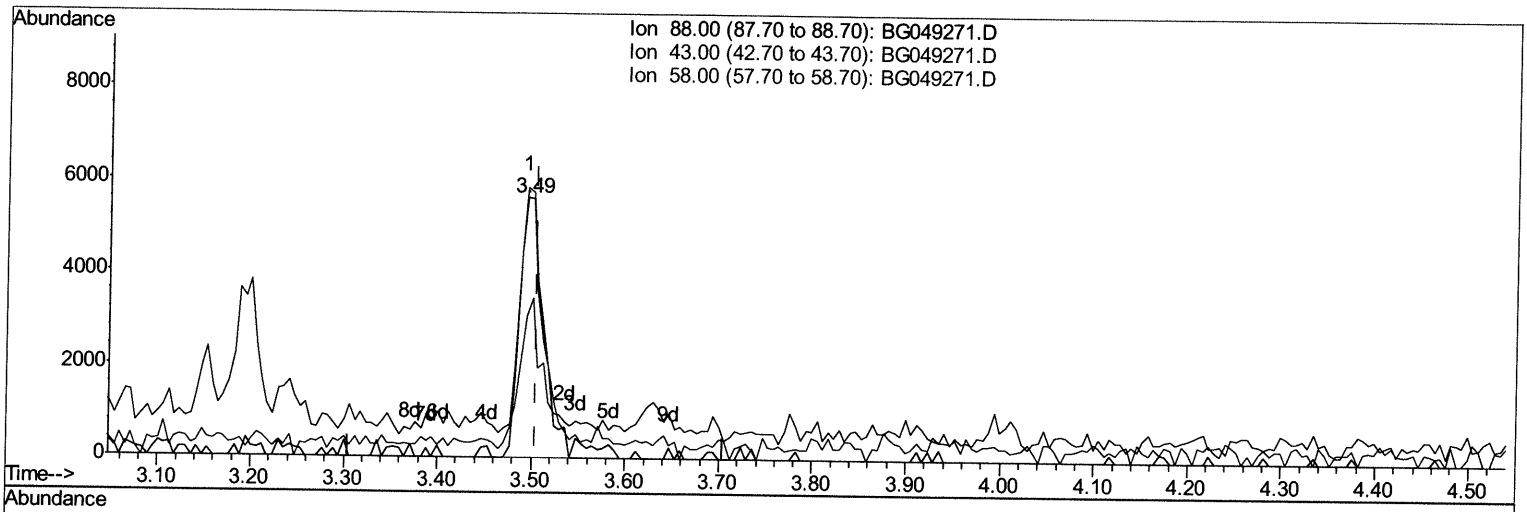

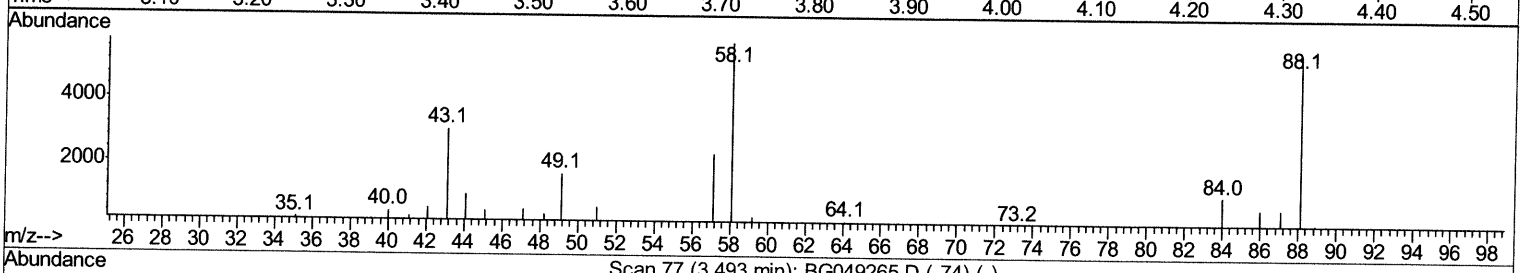

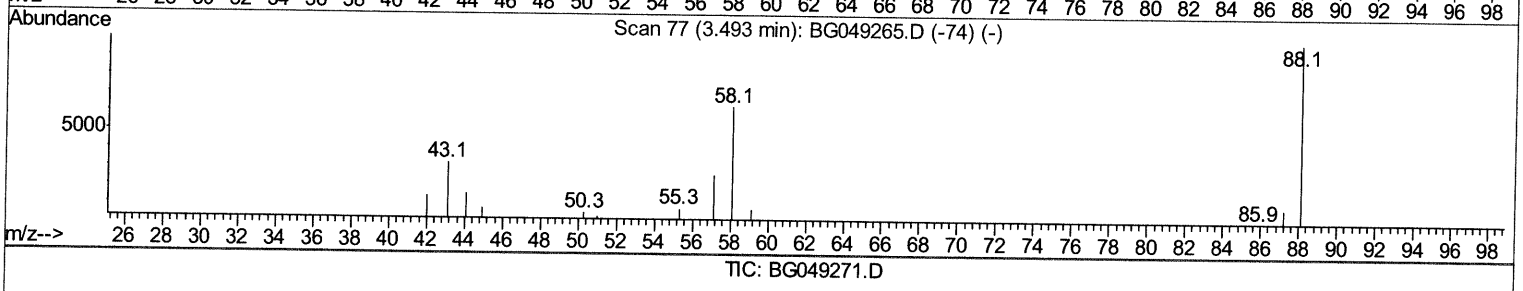

TIC: BG049271.D

(2) 1,4-Dioxane

3.494min (-0.011) 12.41ng/uL m 07/13/21 JU

response 9729

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	54.28#
58.00	90.90	103.94
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 10 Jul 2021 18:25
Operator : CG/JU
Sample : PB137576BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 11 02:18:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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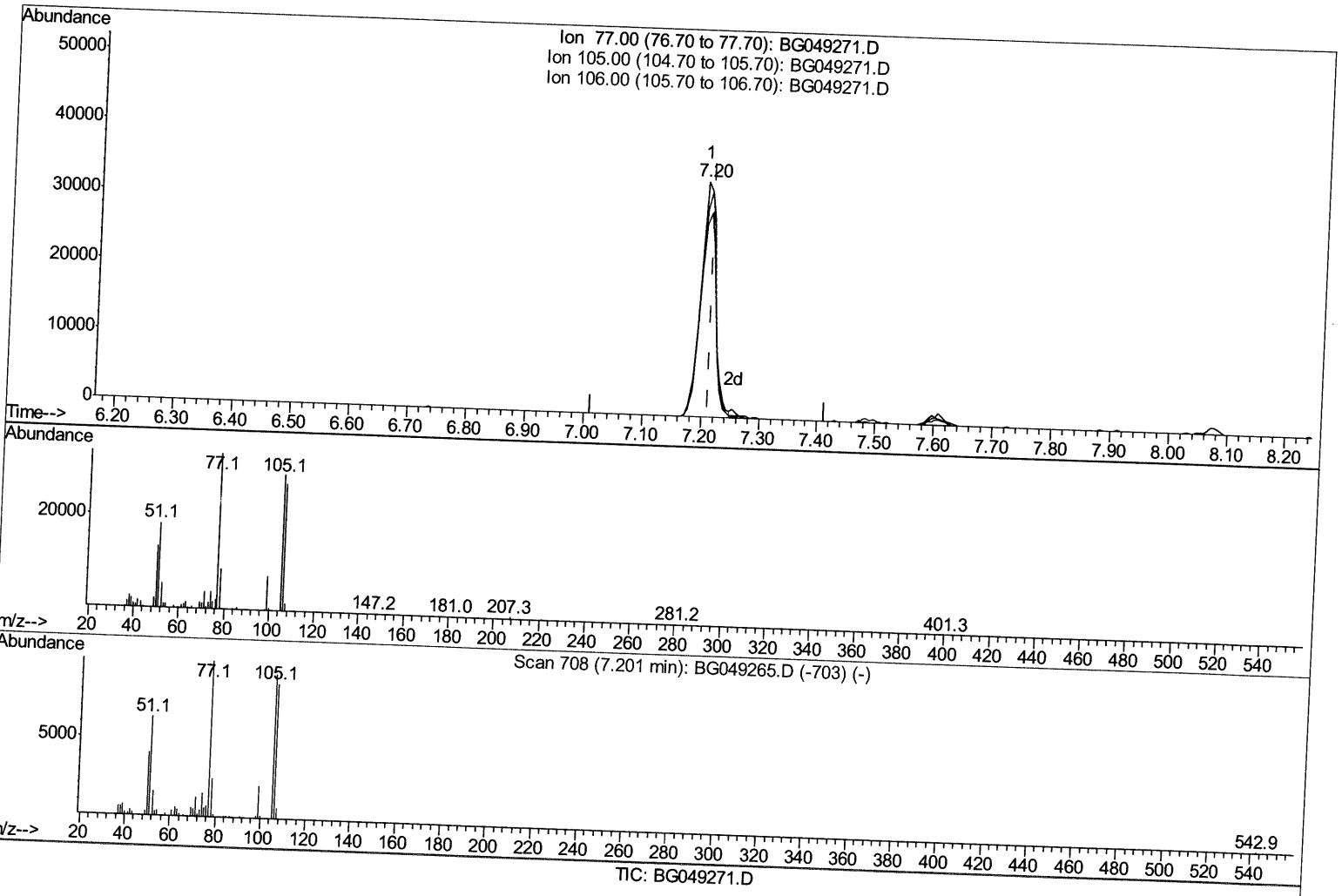

TIC: BG049271.D

(6) Benzaldehyde

7.201min (-0.011) 38.25ng/ul

response 60632

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	88.01
106.00	90.40	81.91
0.00	0.00	0.00

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Manual Integrations APPROVED
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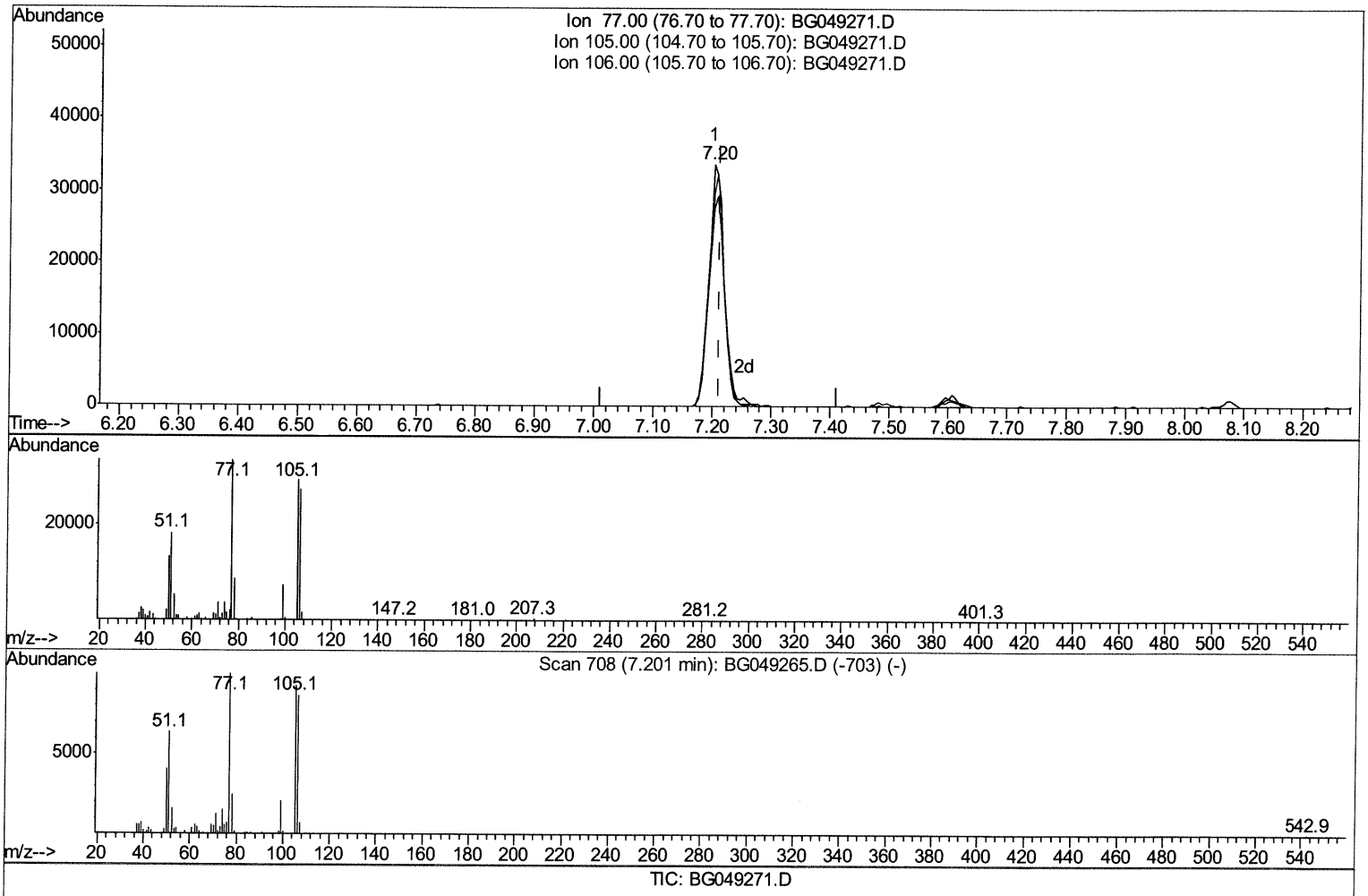

TIC: BG049271.D

(6) Benzaldehyde

7.201min (-0.011) 38.90ng/ul m 0 7/13/21 JU

response 61654

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	88.01
106.00	90.40	81.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 10 Jul 2021 18:25
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Sample : PB137576BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 11 02:19:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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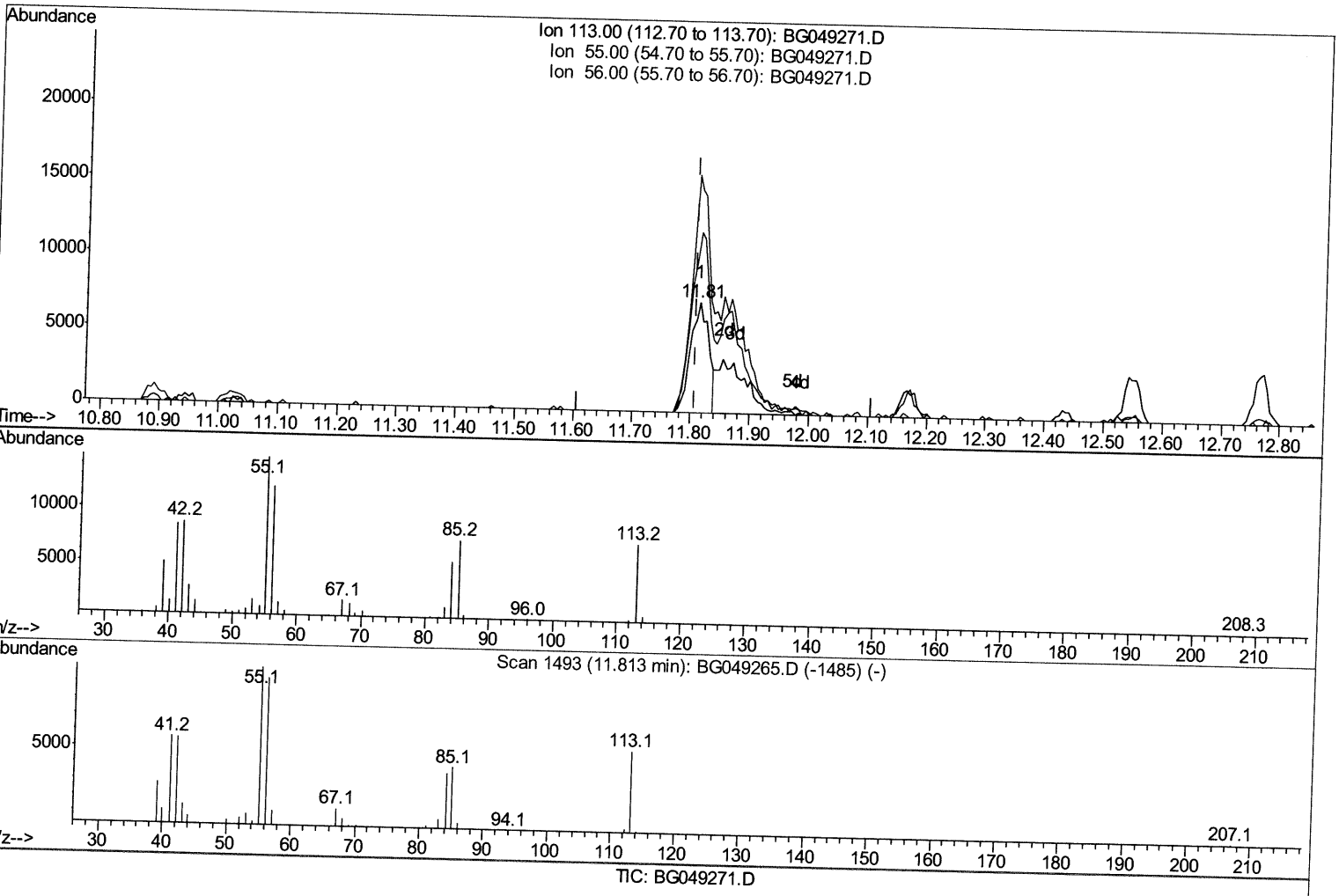

TIC: BG049271.D

(34) Caprolactam

11.814min (+0.007) 22.76ng/ul

response 15548

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	200.61
56.00	171.90	163.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
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Manual Integrations APPROVED
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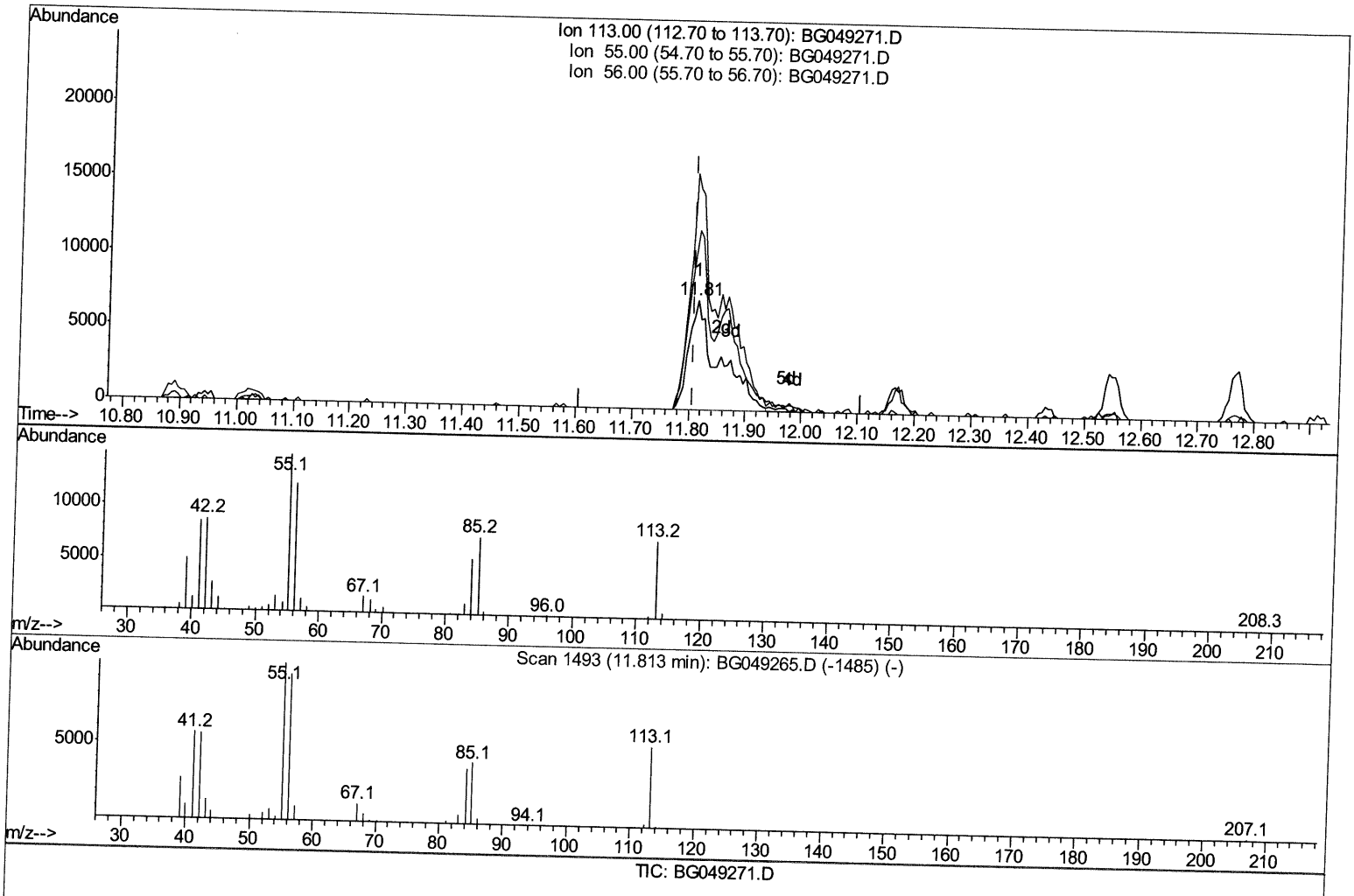

TIC: BG049271.D

(34) Caprolactam

11.814min (+0.007) 40.01ng/ul m 07/13/21 JU

response 27328

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	200.61
56.00	171.90	163.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30289	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	125007	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	91008	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	219760	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	225149	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	212530	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4141	6.43	ng/uL	-0.01
4) Pyridine-d5	3.88	84	50852	26.86	ng/ul	0.00
7) Phenol-d5	7.22	99	91003	34.54	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.40	67	53446	34.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	66313	34.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	72949	34.56	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	34637	36.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	42320	38.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	79180	36.85	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	88018	31.43	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	275837	39.41	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	312402	38.04	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	44604	38.50	ng/ul	0.00
60) Fluorene-d10	15.71	176	229938	38.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	54685	39.15	ng/ul	0.00
73) Anthracene-d10	17.57	188	359814	35.96	ng/ul	0.00
81) Pyrene-d10	19.86	212	454018	39.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	462912	41.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	9729m	12.407	ng/uL	07/13/21 JU
5) Pyridine	3.91	79	59455	28.307	ng/ul	94
6) Benzaldehyde	7.20	77	61654m	38.898	ng/ul	07/13/21 JU
8) Phenol	7.25	94	94152	35.732	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.48	93	63064	32.189	ng/ul#	84
12) 2-Chlorophenol	7.64	128	67169	34.174	ng/ul	93
13) 2-Methylphenol	8.51	108	68057	33.909	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.60	45	110716	35.135	ng/ul	98
16) Acetophenone	8.90	105	123496	35.664	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.88	70	63553	36.120	ng/ul	94
18) 4-Methylphenol	8.84	108	73531	35.216	ng/ul	86
19) Hexachloroethane	9.16	117	30550	34.328	ng/ul#	79
22) Nitrobenzene	9.29	77	99373	36.734	ng/ul#	94
23) Isophorone	9.81	82	177067	37.891	ng/ul	99
25) 2-Nitrophenol	10.00	139	41619	37.047	ng/ul	98
26) 2,4-Dimethylphenol	10.05	107	54374	21.859	ng/ul	92
27) Bis(2-Chloroethoxy)methane	10.29	93	95305	38.254	ng/ul	99
29) 2,4-Dichlorophenol	10.54	162	74513	37.953	ng/ul	94
30) Naphthalene	10.94	128	231287	37.109	ng/ul	98
32) 4-Chloroaniline	11.05	127	87638	31.746	ng/ul	93
33) Hexachlorobutadiene	11.23	225	60392	36.274	ng/ul	95
34) Caprolactam	11.81	113	27328m	40.013	ng/ul	07/13/21 JU

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	89266	40.703 ng/ul	95
36) 2-Methylnaphthalene	12.55	142	177209	37.423 ng/ul	98
37) 1-Methylnaphthalene	12.77	142	172430	36.616 ng/ul	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	109945	38.463 ng/ul#	96
40) Hexachlorocyclopentadiene	12.89	237	45140	23.778 ng/ul	97
41) 2,4,6-Trichlorophenol	13.15	196	67550	36.533 ng/ul	88
42) 2,4,5-Trichlorophenol	13.23	196	74910	38.090 ng/ul	89
43) 1,1'-Biphenyl	13.55	154	239000	38.871 ng/ul	100
44) 2-Chloronaphthalene	13.60	162	185614	38.531 ng/ul	98
45) 2-Nitroaniline	13.79	65	73941	41.865 ng/ul	95
47) Dimethylphthalate	14.17	163	267094	41.114 ng/ul#	99
48) 2,6-Dinitrotoluene	14.29	165	57546	41.131 ng/ul#	83
50) Acenaphthylene	14.44	152	279234	38.232 ng/ul	99
51) 3-Nitroaniline	14.62	138	52445	41.165 ng/ul	85
52) Acenaphthene	14.79	153	211326	39.842 ng/ul	98
53) 2,4-Dinitrophenol	14.83	184	37659	42.472 ng/ul	87
55) 4-Nitrophenol	14.93	109	61446	42.016 ng/ul	94
56) Dibenzofuran	15.12	168	303599	40.388 ng/ul	92
57) 2,4-Dinitrotoluene	15.08	165	85224	42.212 ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.34	232	63672	34.525 ng/ul	98
59) Diethylphthalate	15.53	149	281355	40.291 ng/ul	98
61) Fluorene	15.77	166	257279	40.440 ng/ul	91
62) 4-Chlorophenyl-phenylether	15.76	204	142684	40.797 ng/ul	98
63) 4-Nitroaniline	15.79	138	57008	45.581 ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.84	198	52080	39.180 ng/ul#	97
67) N-Nitrosodiphenylamine	15.97	169	221381	39.567 ng/ul	96
68) 4-Bromophenyl-phenylether	16.65	248	103422	42.194 ng/ul	96
69) Hexachlorobenzene	16.77	284	112013	40.352 ng/ul	98
70) Atrazine	16.91	200	67981	26.548 ng/ul	98
71) Pentachlorophenol	17.12	266	52248	31.536 ng/ul	99
72) Phenanthrene	17.51	178	429473	40.067 ng/ul	98
74) Anthracene	17.61	178	401995	36.713 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	114990	38.356 ng/uL	93
76) Pentachlorobenzene	15.04	250	119490	37.570 ng/uL	97
77) Carbazole	17.87	167	388049	39.727 ng/ul	99
78) Di-n-butylphthalate	18.42	149	481543	39.402 ng/ul	100
80) Fluoranthene	19.52	202	538360	40.114 ng/ul	99
82) Pyrene	19.89	202	533555	39.900 ng/ul	98
83) Butylbenzylphthalate	20.76	149	214147	40.791 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.65	252	172584	32.808 ng/ul	99
85) Benzo(a)anthracene	21.74	228	528080	38.166 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	304424	39.756 ng/ul	100
87) Chrysene	21.80	228	514524	39.313 ng/ul	98
89) Di-n-octyl phthalate	22.87	149	511985	42.797 ng/ul	100
90) Benzo(b)fluoranthene	24.01	252	568911	43.391 ng/ul#	99
91) Benzo(k)fluoranthene	24.07	252	550011	43.024 ng/ul	95
93) Benzo(a)pyrene	24.90	252	483726	41.923 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.82	276	655984	44.064 ng/ul	92
95) Dibenzo(a,h)anthracene	28.89	278	549187	44.538 ng/ul	96
96) Benzo(g,h,i)perylene	30.01	276	540721	43.931 ng/ul	95

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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 :
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