Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100520\
Data File : BG046783.D
Acq On : 5 Oct 2020 10:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 11:27:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 11:23:35 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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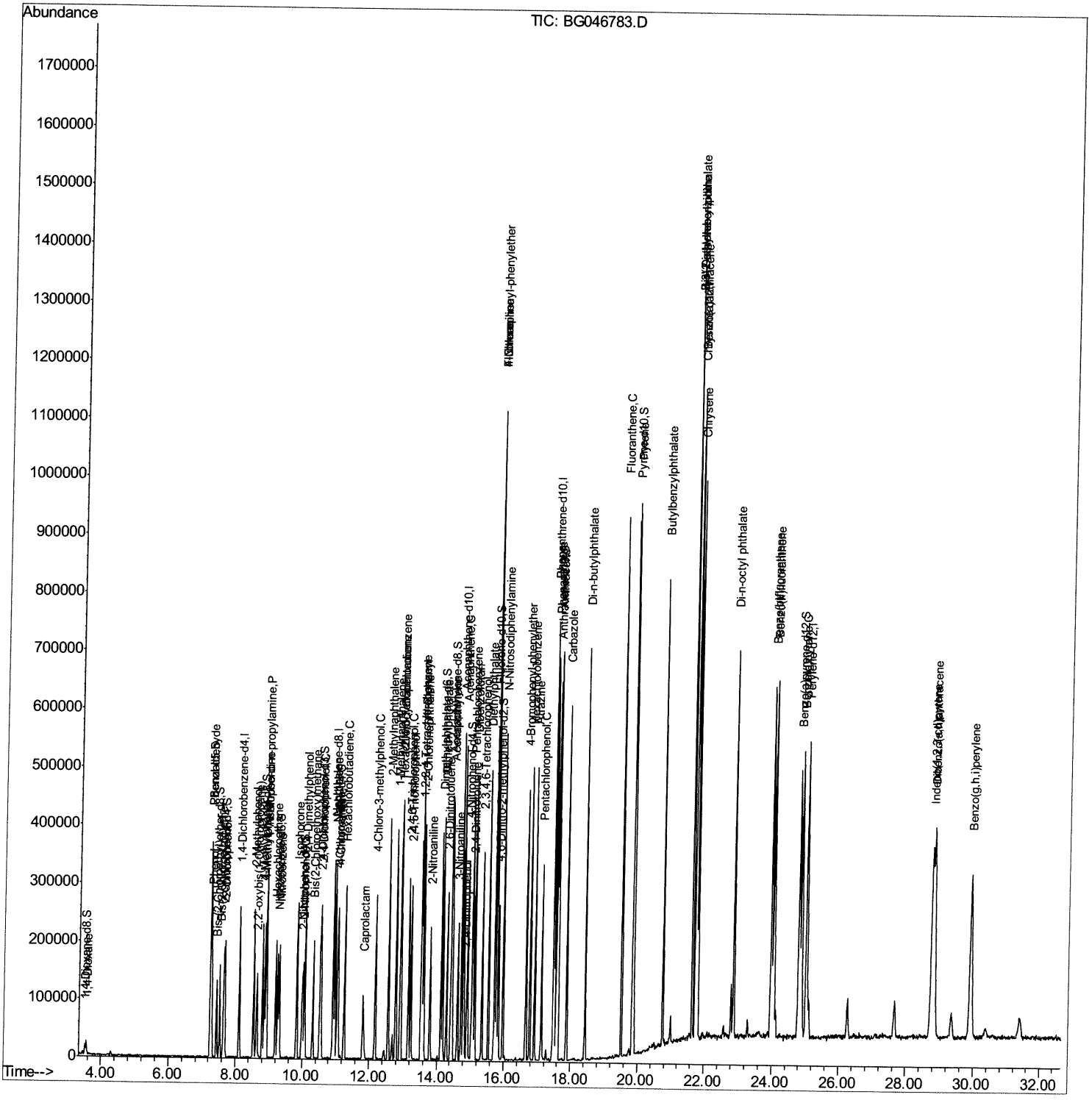

Quantitation Report (Qedit)

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Acq On : 5 Oct 2020 10:03
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Quant Time: Oct 05 11:25:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 11:23:35 2020
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Instrument :
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LabSampleId :
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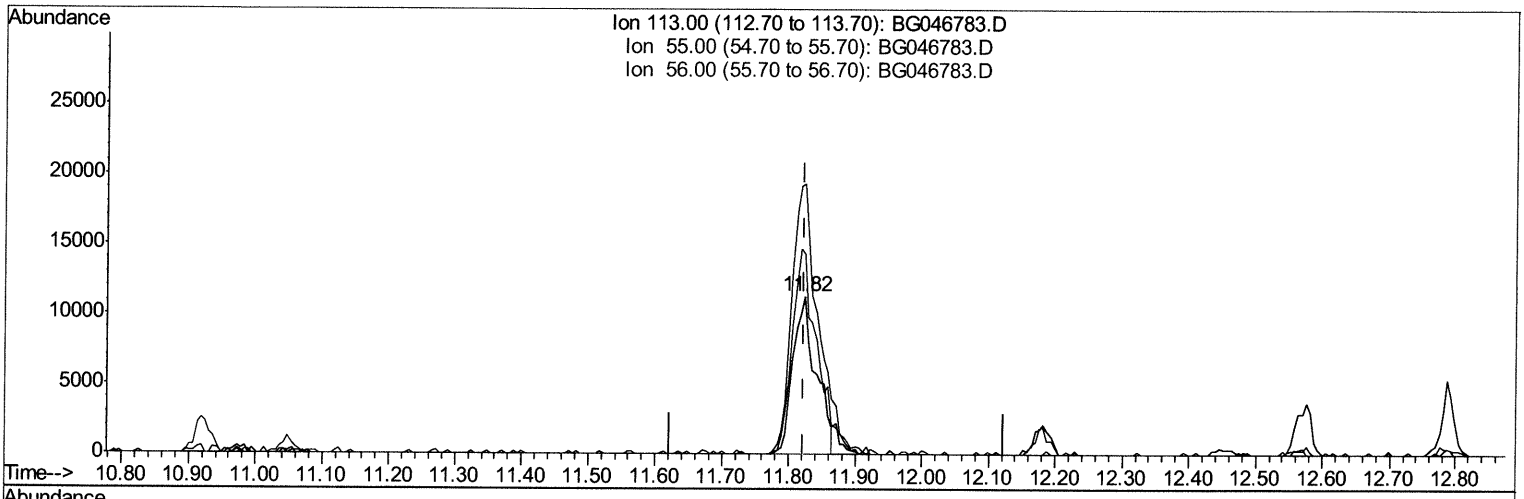

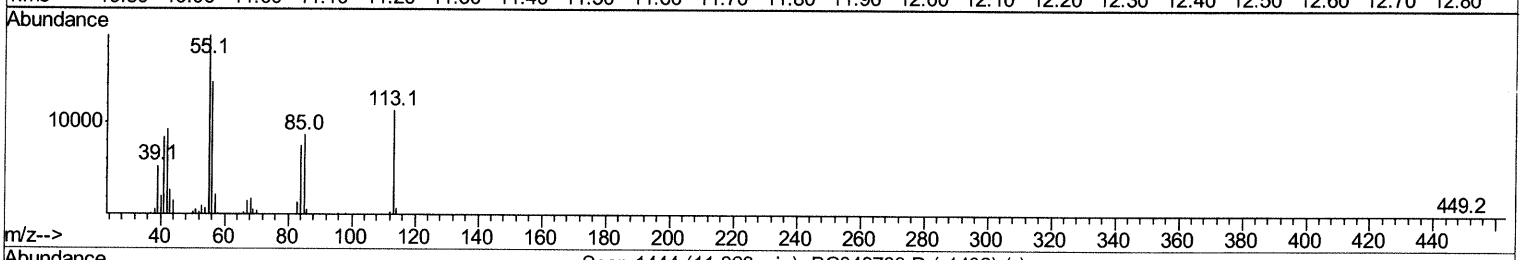

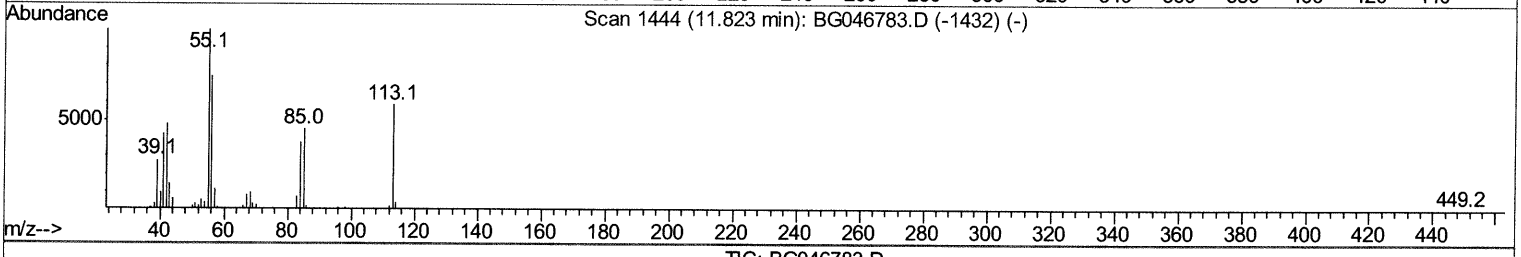

TIC: BG046783.D

(32) Caprolactam

11.823min (0.000) 16.40ng/ul

response 27436

Ion	Exp%	Act%
113.00	100	100
55.00	182.10	171.65
56.00	144.10	126.91
0.00	0.00	0.00

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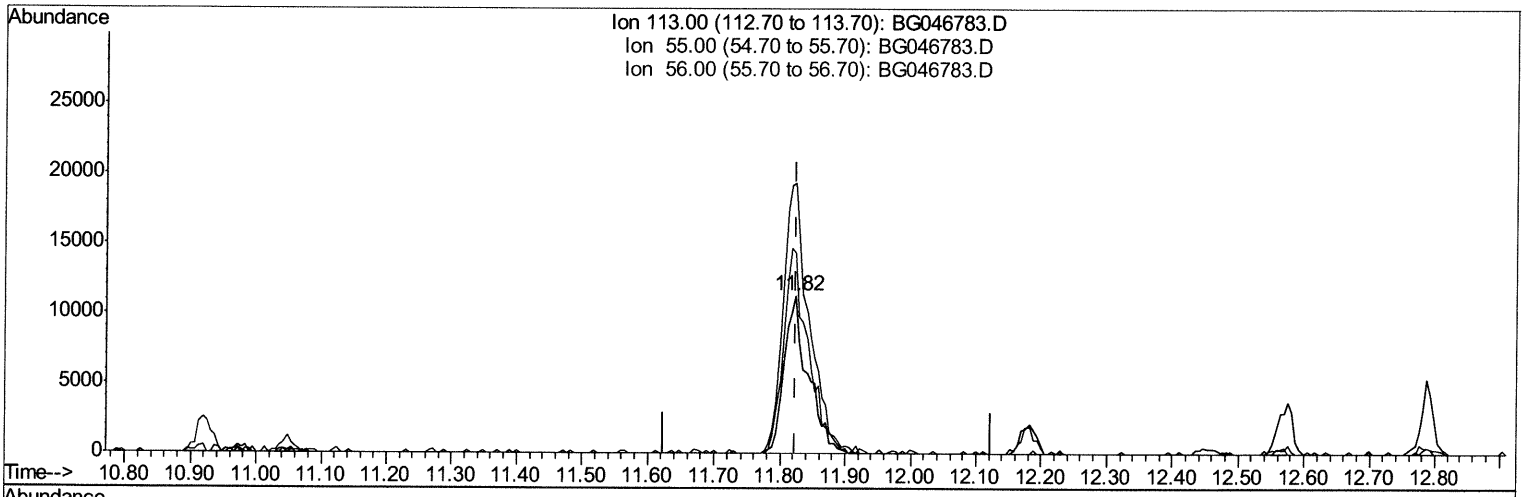

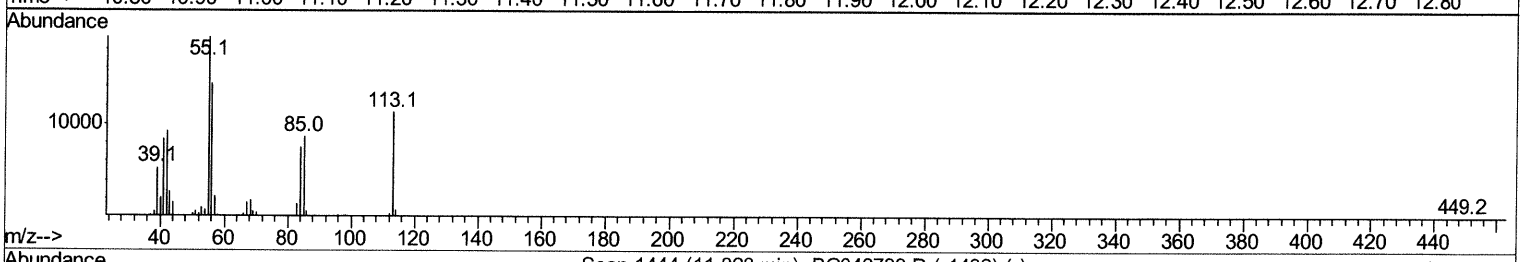

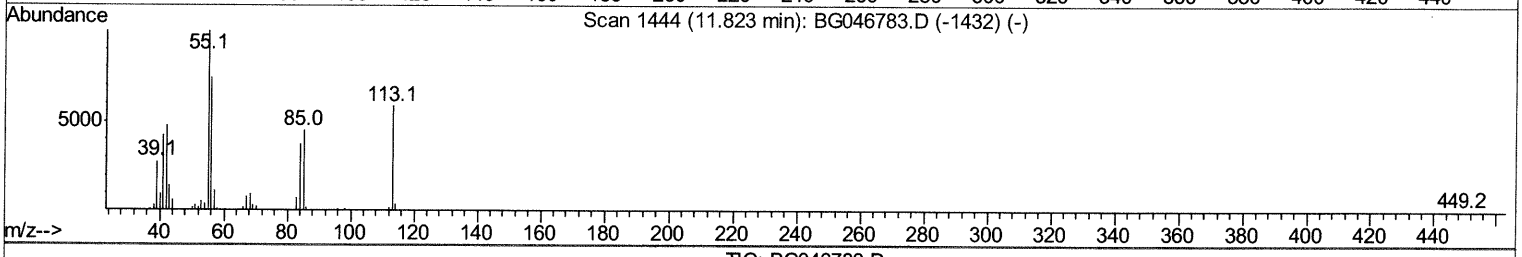

TIC: BG046783.D

(32) Caprolactam

11.823min (0.000) 17.34ng/ul m 10/08/20 JU

response 29000

Ion	Exp%	Act%
113.00	100	100
55.00	182.10	171.65
56.00	144.10	126.91
0.00	0.00	0.00

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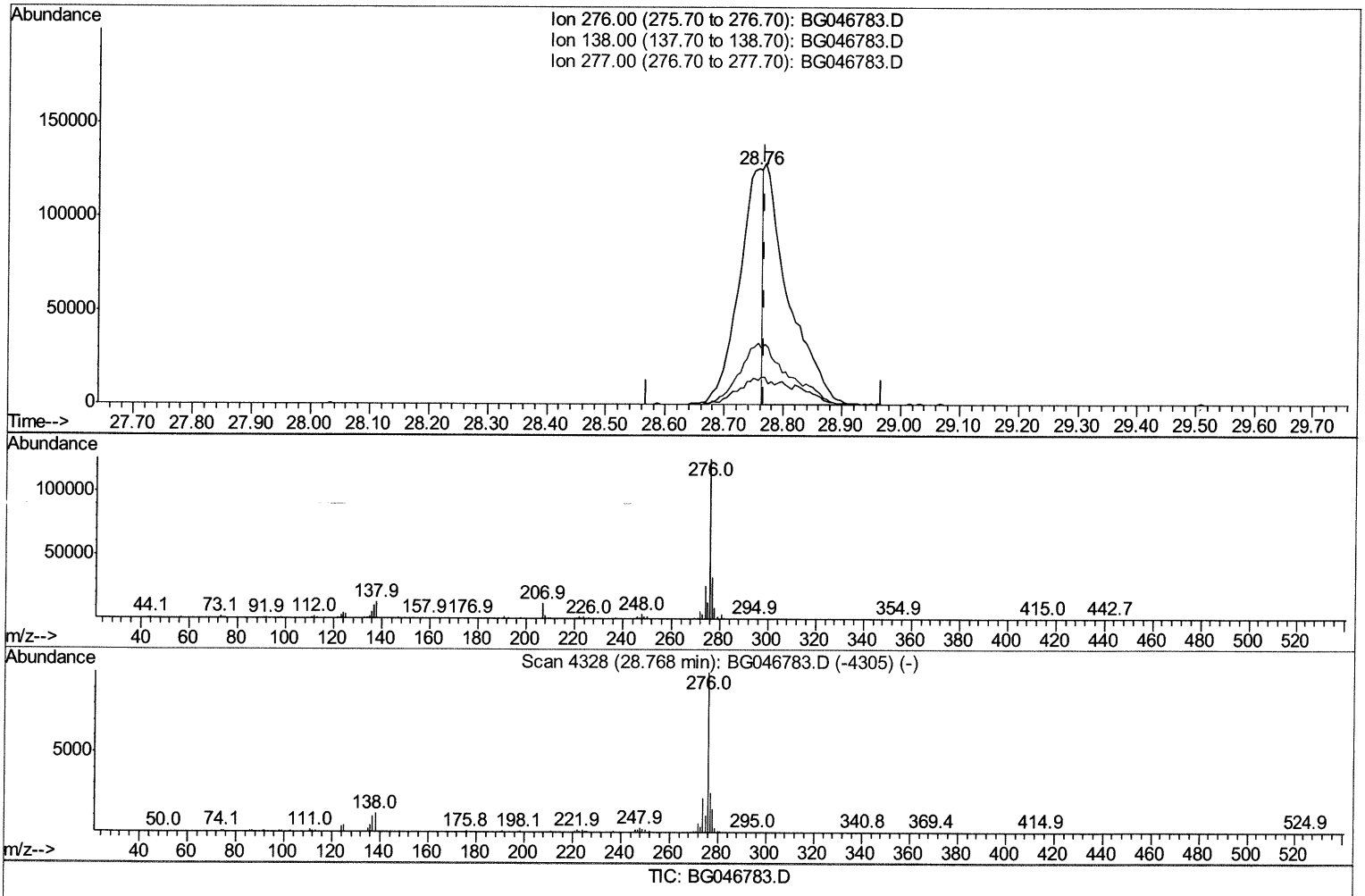

TIC: BG046783.D

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

28.756min (-0.012) 8.42ng/ul

response 349028

Ion	Exp%	Act%
276.00	100	100
138.00	10.50	10.33
277.00	24.20	26.21
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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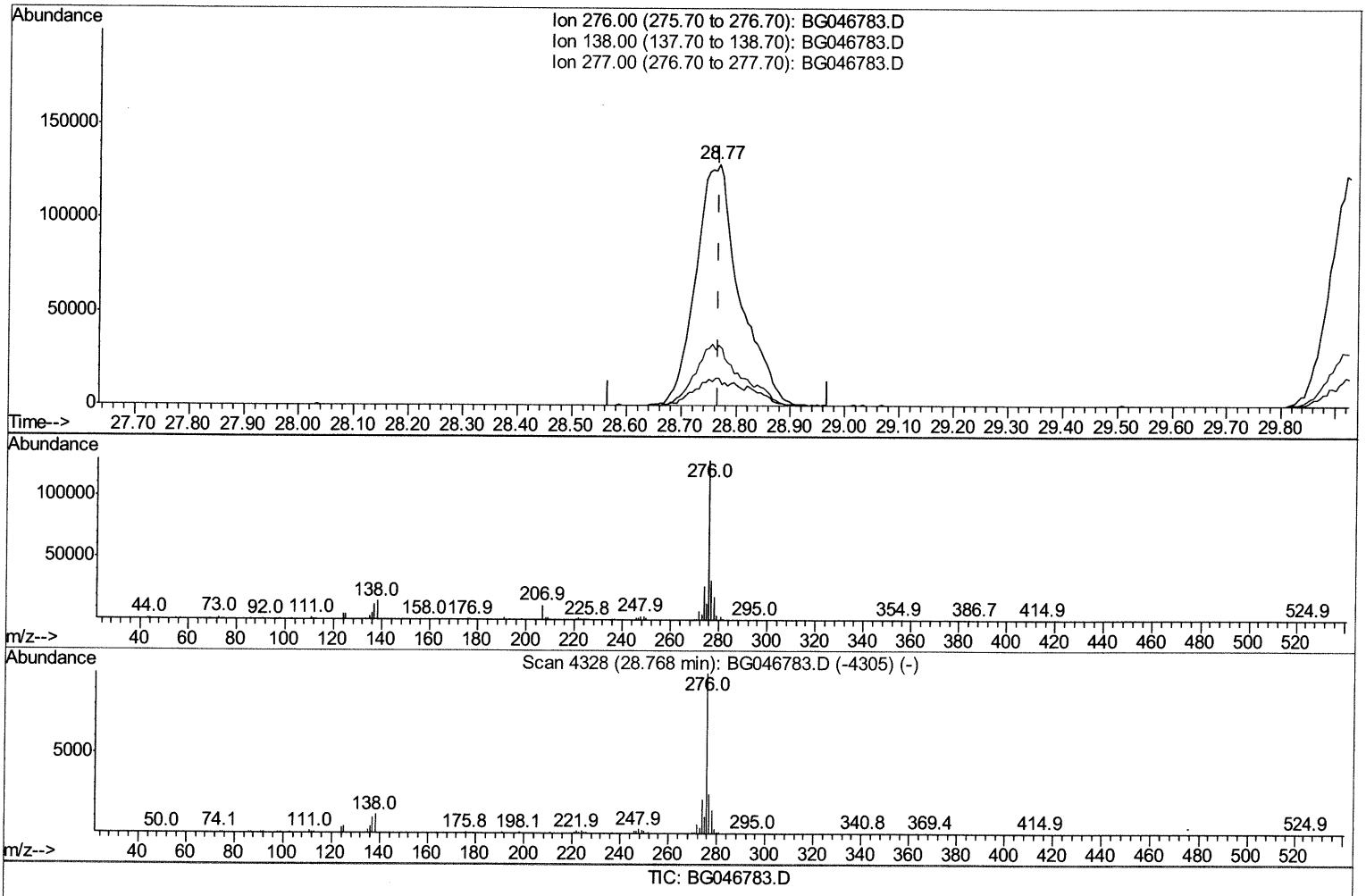

TIC: BG046783.D

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

28.768min (0.000) 17.34ng/ul m 10/08/20 JU

response 719232

Ion	Exp%	Act%
276.00	100	100
138.00	10.50	11.53
277.00	24.20	25.11
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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Quant Time: Oct 05 11:27:01 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 11:23:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	68306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	282122	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	199117	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	478053	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	547550	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	561906	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	10243	7.03	ng/uL	0.00
5) Phenol-d5	7.26	99	104546	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	61937	17.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	77271	18.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	81042	17.96	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	38597	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	41614	21.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	89474	18.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	104789	17.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	255571	16.97	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	306077	16.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	45563	18.99	ng/ul	0.00
58) Fluorene-d10	15.72	176	237343	16.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	40236	18.62	ng/ul	0.00
71) Anthracene-d10	17.58	188	374697	17.09	ng/ul	0.00
79) Pyrene-d10	19.86	212	489316	17.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	523920	17.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	12663	7.594	ng/uL	98
4) Benzaldehyde	7.25	77	77250	18.947	ng/ul	90
6) Phenol	7.28	94	111545	18.387	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.52	93	83518	17.707	ng/ul	96
10) 2-Chlorophenol	7.67	128	81172	18.978	ng/ul	95
11) 2-Methylphenol	8.54	108	81129	17.934	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.64	45	127529	17.064	ng/ul#	95
14) Acetophenone	8.93	105	130691	17.677	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.91	70	69719	17.072	ng/ul	97
16) 4-Methylphenol	8.87	108	83926	17.711	ng/ul	99
17) Hexachloroethane	9.20	117	36743	19.005	ng/ul	92
20) Nitrobenzene	9.31	77	108768	20.573	ng/ul	96
21) Isophorone	9.84	82	192379	16.298	ng/ul	99
23) 2-Nitrophenol	10.03	139	45425	21.482	ng/ul	97
24) 2,4-Dimethylphenol	10.08	107	101639	17.827	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.32	93	111149	16.350	ng/ul#	96
27) 2,4-Dichlorophenol	10.56	162	86282	18.386	ng/ul	97
28) Naphthalene	10.97	128	264480	17.026	ng/ul	99
30) 4-Chloroaniline	11.07	127	102930	18.120	ng/ul	94
31) Hexachlorobutadiene	11.26	225	73491	17.529	ng/ul	97
32) Caprolactam	11.82	113	29000m	> 17.339	ng/ul	> 10/08/20 JU
33) 4-Chloro-3-methylphenol	12.18	107	91151	17.427	ng/ul	99
34) 2-Methylnaphthalene	12.57	142	191383	16.735	ng/ul	98

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Quant Time: Oct 05 11:27:01 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 11:23:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	188165	16.965 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	124684	17.029 ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	63694	13.623 ng/ul#	87
39) 2,4,6-Trichlorophenol	13.17	196	78607	18.982 ng/ul#	93
40) 2,4,5-Trichlorophenol	13.24	196	82244	18.917 ng/ul	91
41) 1,1'-Biphenyl	13.57	154	259545	16.812 ng/ul	98
42) 2-Chloronaphthalene	13.62	162	208821	17.036 ng/ul	98
43) 2-Nitroaniline	13.80	65	62957	22.331 ng/ul	92
45) Dimethylphthalate	14.18	163	258889	16.650 ng/ul#	99
46) 2,6-Dinitrotoluene	14.30	165	53621	21.734 ng/ul	98
48) Acenaphthylene	14.46	152	307672	17.068 ng/ul	97
49) 3-Nitroaniline	14.63	138	51456	20.893 ng/ul#	97
50) Acenaphthene	14.80	153	215151	16.863 ng/ul	97
51) 2,4-Dinitrophenol	14.83	184	26796	18.561 ng/ul	88
53) 4-Nitrophenol	14.92	109	49446	20.887 ng/ul	87
54) Dibenzofuran	15.13	168	322344	17.218 ng/ul	97
55) 2,4-Dinitrotoluene	15.08	165	76733	22.821 ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	79651	19.485 ng/ul	95
57) Diethylphthalate	15.54	149	259409	16.872 ng/ul	97
59) Fluorene	15.78	166	261616	16.974 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.77	204	146397	16.816 ng/ul	98
61) 4-Nitroaniline	15.78	138	58605	20.786 ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	15.84	198	44110	18.581 ng/ul#	89
65) N-Nitrosodiphenylamine	15.98	169	227324	16.547 ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	100119	16.719 ng/ul	94
67) Hexachlorobenzene	16.78	284	107827	22.024 ng/ul	98
68) Atrazine	16.92	200	100772	17.873 ng/ul	96
69) Pentachlorophenol	17.12	266	66435	18.430 ng/ul#	91
70) Phenanthrene	17.52	178	445402	16.989 ng/ul	97
72) Anthracene	17.61	178	459311	17.393 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	123970	16.695 ng/uL	95
74) Pentachlorobenzene	15.05	250	123829	16.265 ng/uL	96
75) Carbazole	17.88	167	393618	18.514 ng/ul	98
76) Di-n-butylphthalate	18.43	149	462547	17.829 ng/ul	98
77) Fluoranthene	19.52	202	603166	18.270 ng/ul	99
80) Pyrene	19.88	202	609812	17.304 ng/ul	97
81) Butylbenzylphthalate	20.77	149	224664	18.144 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.64	252	230614	18.360 ng/ul	99
83) Benzo(a)anthracene	21.74	228	636990	17.636 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	323415	17.748 ng/ul	94
85) Chrysene	21.80	228	612405	17.551 ng/ul	97
87) Di-n-octyl phthalate	22.88	149	570679	18.330 ng/ul	100
88) Benzo(b)fluoranthene	23.99	252	649075	17.462 ng/ul	99
89) Benzo(k)fluoranthene	24.06	252	620716	17.074 ng/ul	99
91) Benzo(a)pyrene	24.87	252	575477	16.840 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	28.77	276	719232m >	17.341 ng/ul >	
93) Dibenzo(a,h)anthracene	28.83	278	606089	17.618 ng/ul	98
94) Benzo(g,h,i)perylene	29.92	276	589308	17.042 ng/ul	99

10/08/20 JU

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

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