Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100220\
Data File : BG046730.D
Acq On : 2 Oct 2020 9:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 10:08:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 10:06:22 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
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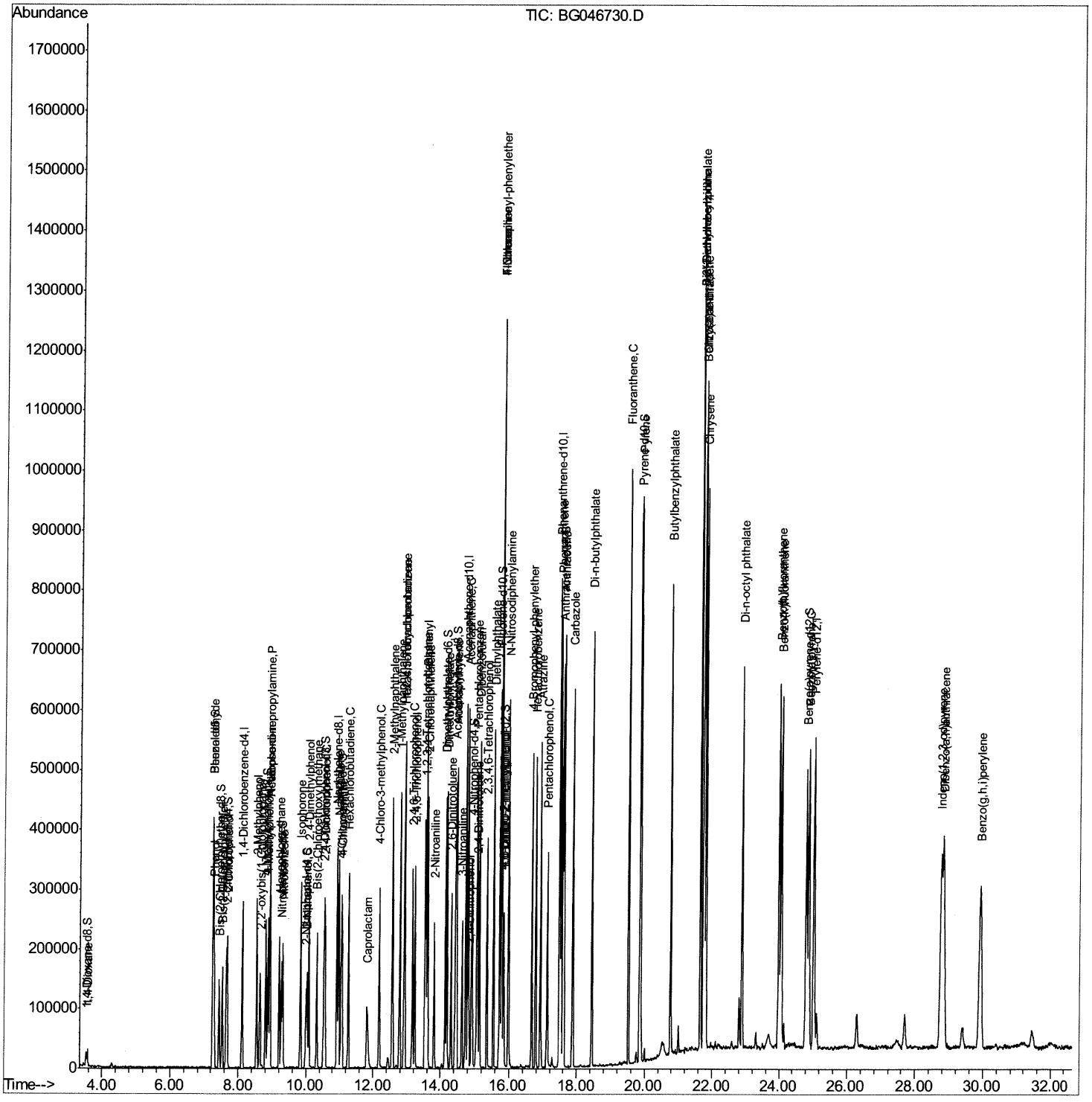

Quantitation Report (Qedit)

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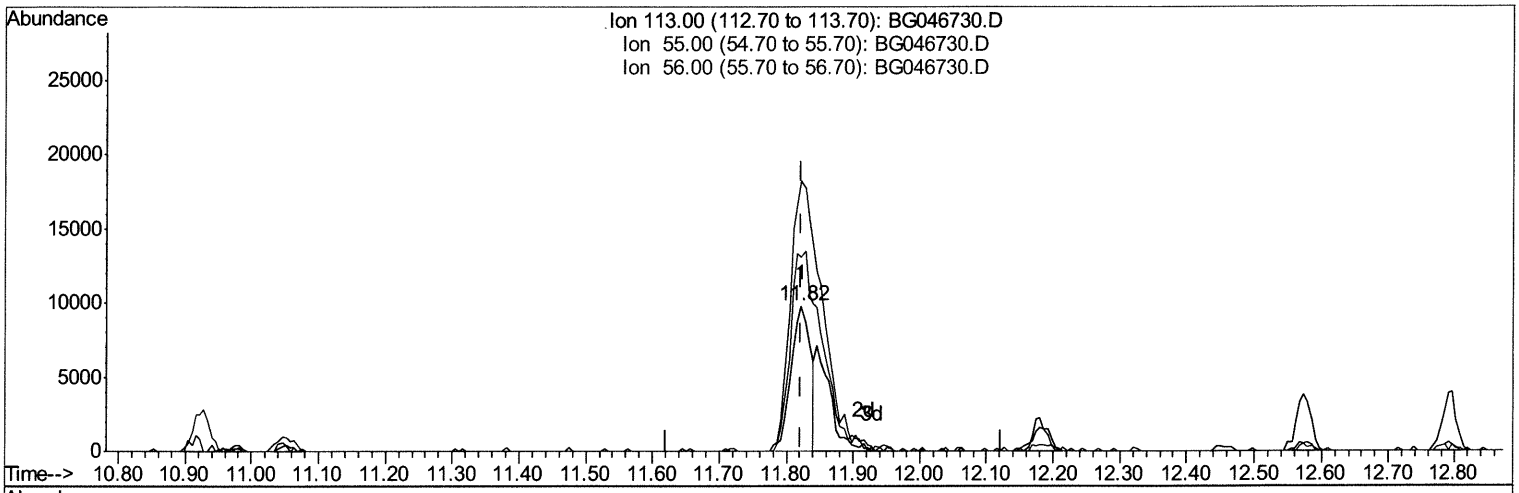

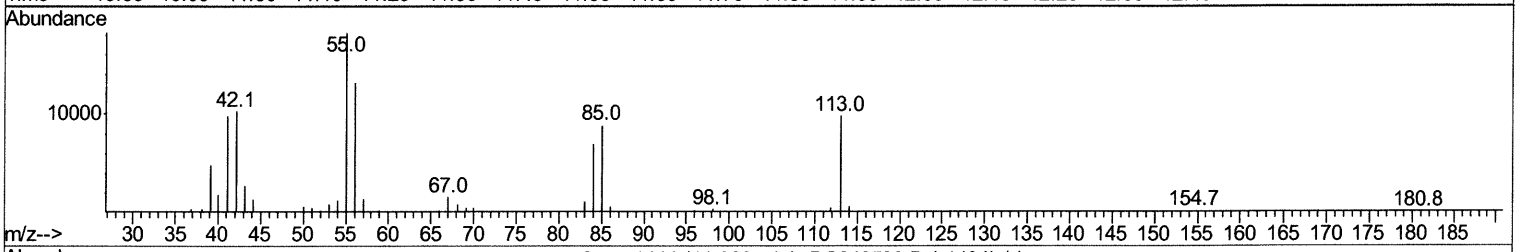

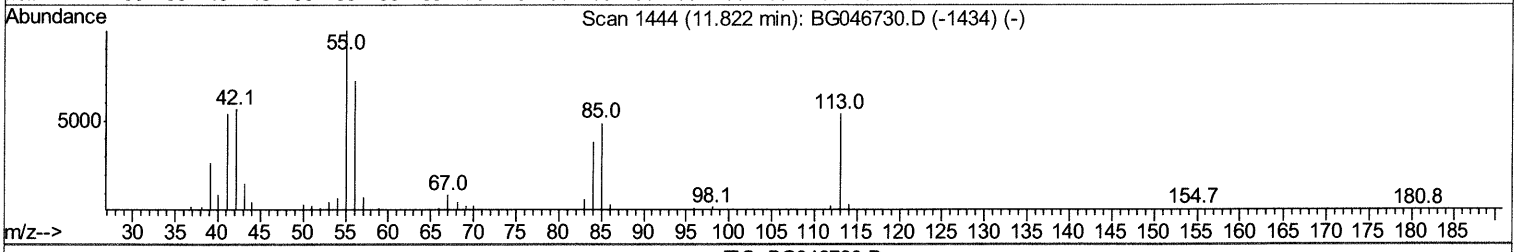

TIC: BG046730.D

(32) Caprolactam

11.822min (0.000) 10.64ng/ul

response 19523

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	186.24
56.00	140.10	133.83
0.00	0.00	0.00

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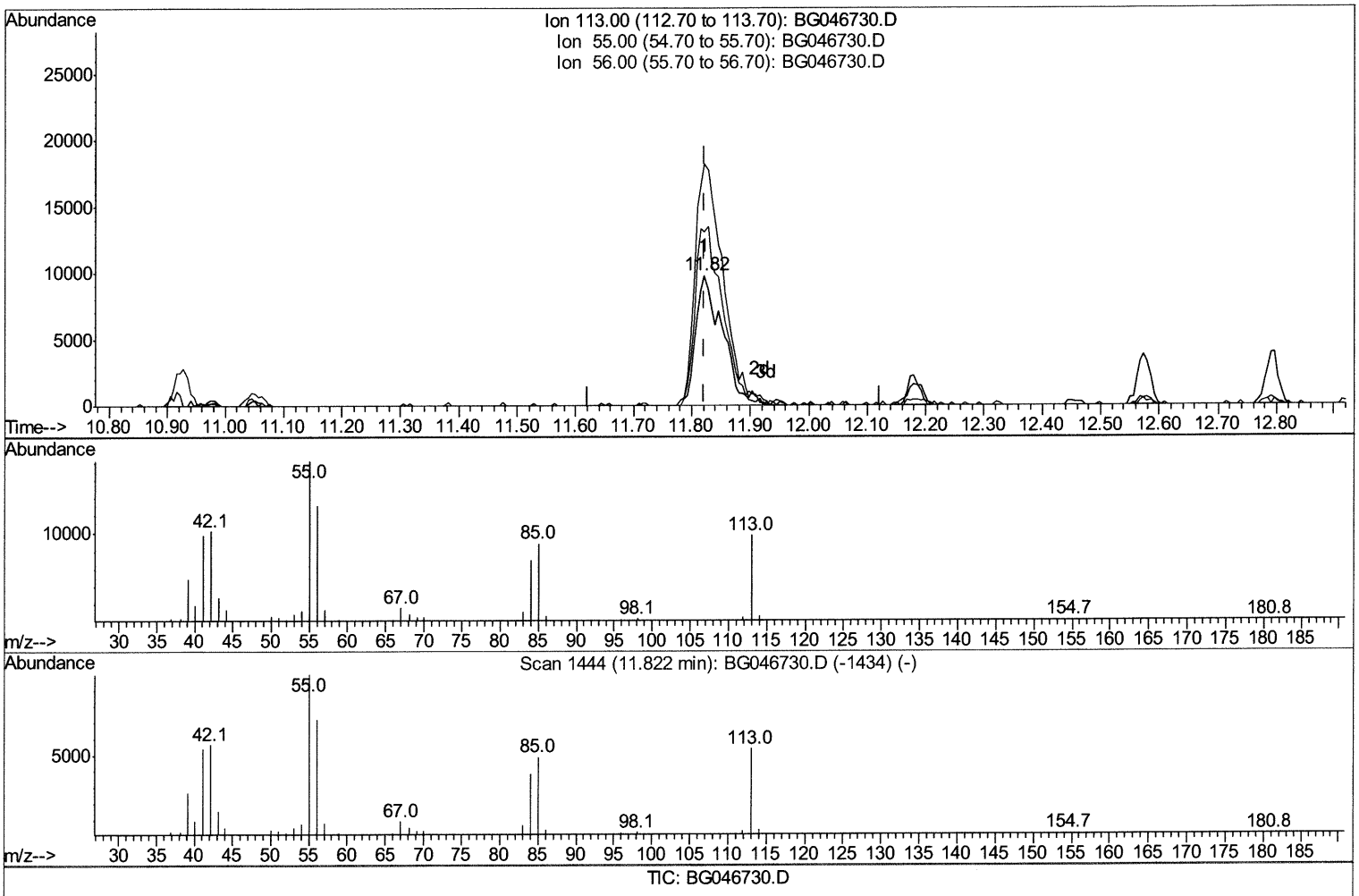

TIC: BG046730.D

(32) Caprolactam

11.822min (0.000) 16.80ng/ul m 10/06/20 JU

response 30823

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	186.24
56.00	140.10	133.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100220\
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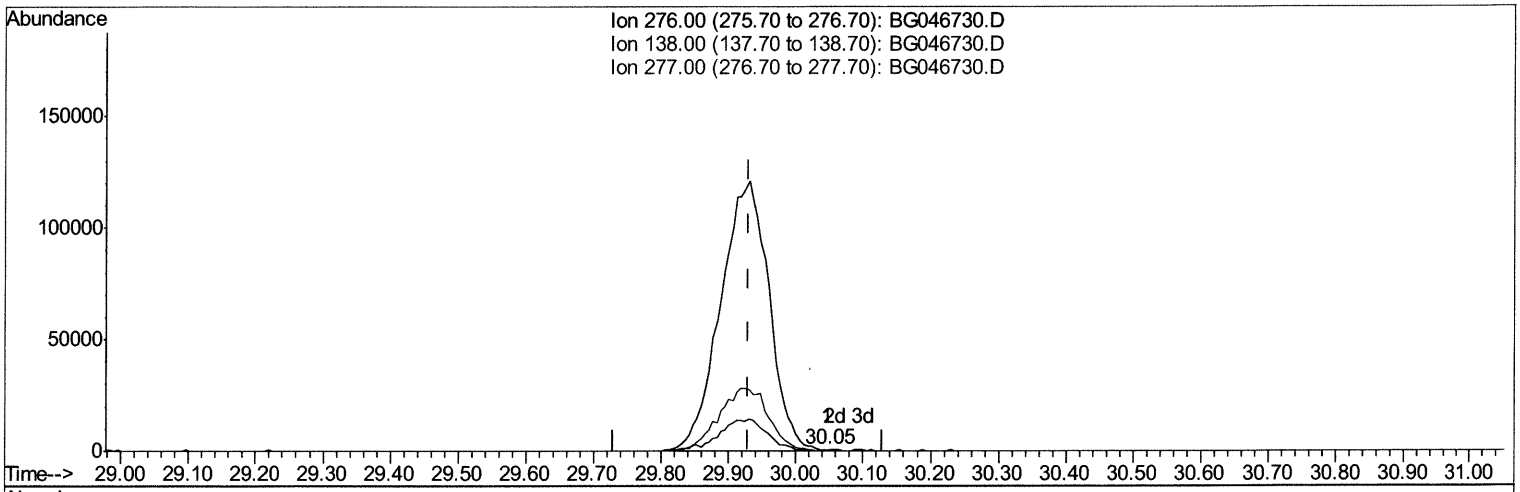

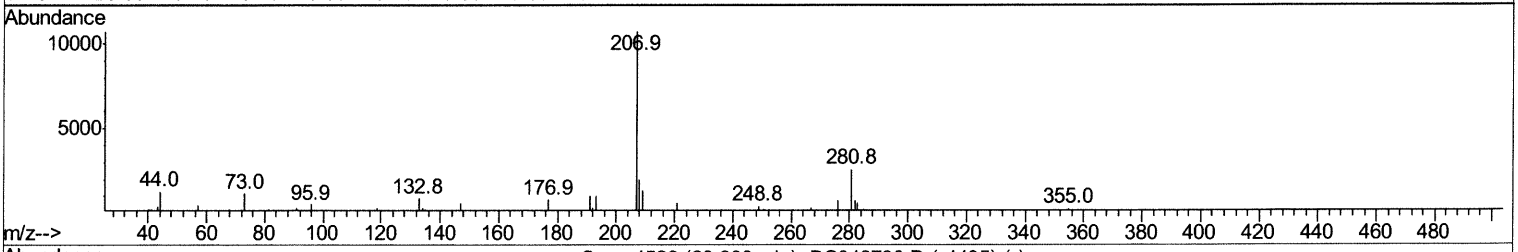

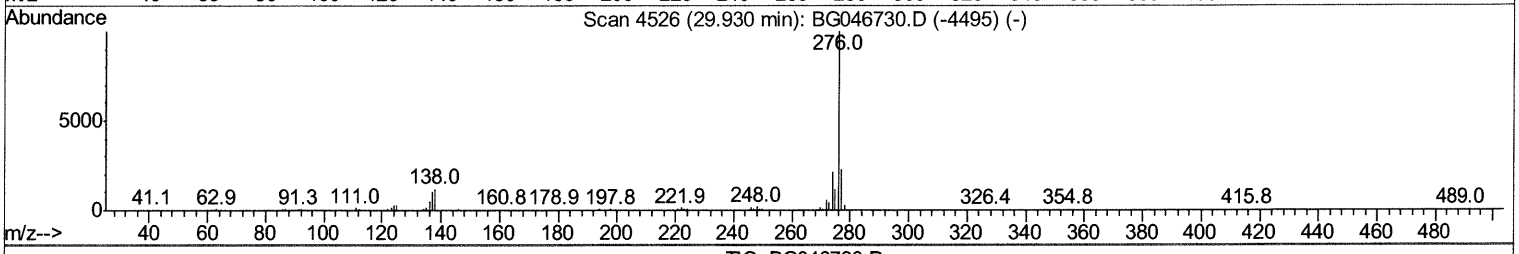

TIC: BG046730.D

(94) Benzo(g,h,i)perylene

30.047min (+0.117) 0.01ng/ul

response 222

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	21.78#
277.00	23.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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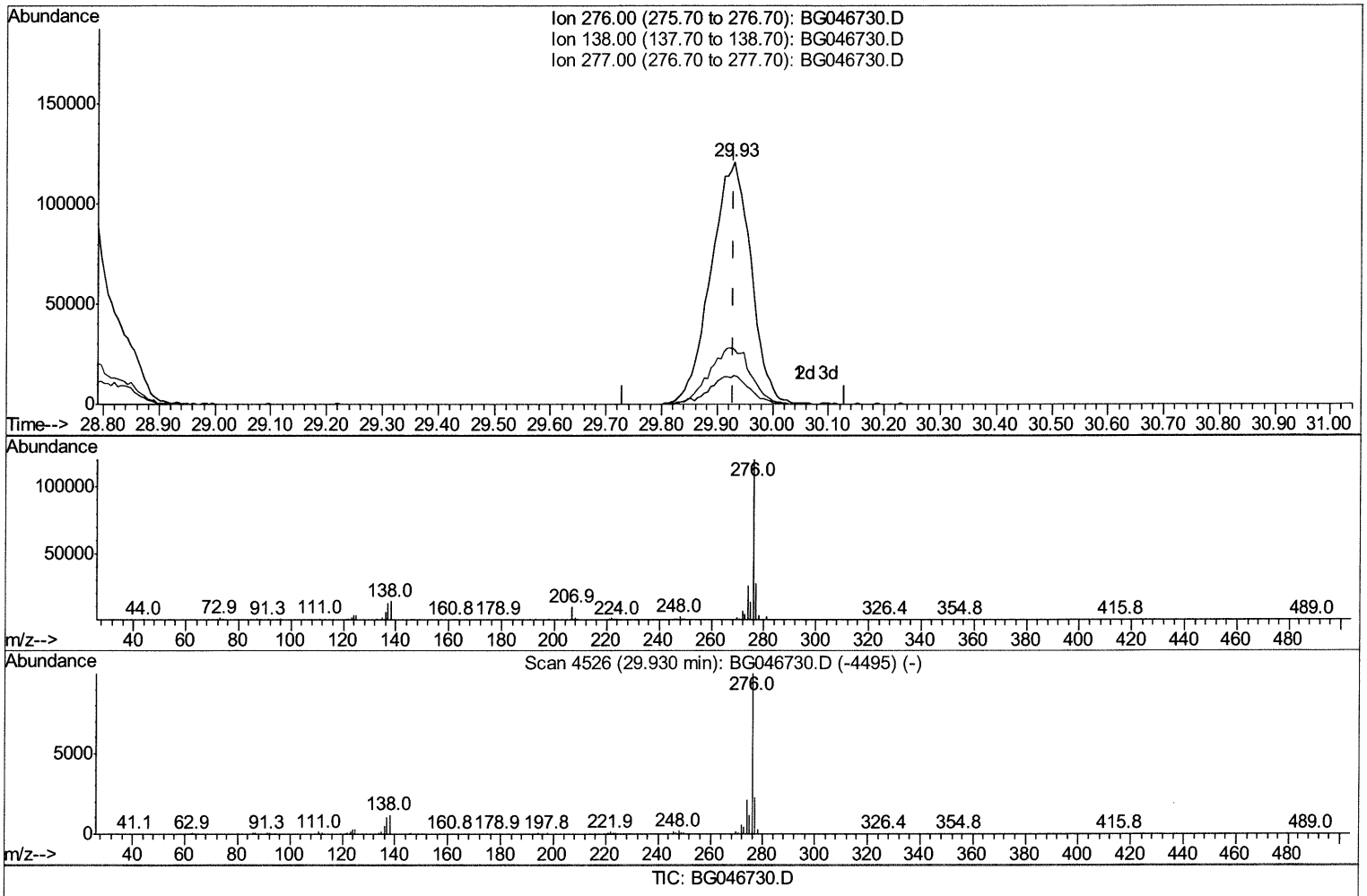

(94) Benzo(g,h,i)perylene

29.930min (0.000) 17.07ng/ul m 10/06/20 JU

response 602517

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	11.65
277.00	23.80	22.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Instrument : BNA_G
LabSampleId : SSTD02021

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	74780	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	305178	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	216582	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	508762	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	547028	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	569809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	12058	7.92	ng/uL	0.00
5) Phenol-d5	7.26	99	114974	17.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	71126	18.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	82543	17.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	88898	17.76	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	40971	17.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	41136	17.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	94029	17.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	117314	18.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	284421	17.19	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	336517	17.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	45968	16.29	ng/ul	0.00
58) Fluorene-d10	15.72	176	258566	16.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	41057	16.15	ng/ul	0.00
71) Anthracene-d10	17.58	188	399988	17.14	ng/ul	0.00
79) Pyrene-d10	19.86	212	493776	17.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	522596	17.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	13649	6.989	ng/uL#	86
4) Benzaldehyde	7.24	77	84059	18.622	ng/ul	96
6) Phenol	7.29	94	119950	17.891	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.53	93	92740	17.962	ng/ul	93
10) 2-Chlorophenol	7.67	128	86591	18.178	ng/ul	95
11) 2-Methylphenol	8.54	108	88340	17.872	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.64	45	143034	17.607	ng/ul	98
14) Acetophenone	8.93	105	148683	18.324	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.92	70	78087	17.816	ng/ul	92
16) 4-Methylphenol	8.87	108	94364	17.898	ng/ul	91
17) Hexachloroethane	9.21	117	38626	17.458	ng/ul	95
20) Nitrobenzene	9.31	77	114707	17.604	ng/ul	94
21) Isophorone	9.84	82	213210	16.404	ng/ul	99
23) 2-Nitrophenol	10.03	139	47322	18.713	ng/ul	99
24) 2,4-Dimethylphenol	10.08	107	108881	17.188	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.32	93	126461	16.703	ng/ul	96
27) 2,4-Dichlorophenol	10.56	162	93611	17.608	ng/ul	94
28) Naphthalene	10.98	128	291539	17.255	ng/ul	97
30) 4-Chloroaniline	11.08	127	114050	18.049	ng/ul	97
31) Hexachlorobutadiene	11.26	225	77917	17.055	ng/ul	99
32) Caprolactam	11.82	113	30823m>	16.804	ng/ul>	10/06/20 JU
33) 4-Chloro-3-methylphenol	12.18	107	99524	17.129	ng/ul	99
34) 2-Methylnaphthalene	12.57	142	211982	17.162	ng/ul	97

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Quant Time: Oct 02 10:08:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	203390	16.991 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	140756	17.752 ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	85510	16.677 ng/ul#	99
39) 2,4,6-Trichlorophenol	13.17	196	83845	17.868 ng/ul	93
40) 2,4,5-Trichlorophenol	13.24	196	85255	17.120 ng/ul	93
41) 1,1'-Biphenyl	13.57	154	288511	17.317 ng/ul	99
42) 2-Chloronaphthalene	13.61	162	228762	17.143 ng/ul	95
43) 2-Nitroaniline	13.81	65	66545	18.827 ng/ul	98
45) Dimethylphthalate	14.18	163	293663	17.533 ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	56524	19.071 ng/ul	99
48) Acenaphthylene	14.46	152	339208	17.521 ng/ul	97
49) 3-Nitroaniline	14.62	138	51776	17.539 ng/ul	98
50) Acenaphthene	14.80	153	238385	17.303 ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	28635	16.087 ng/ul	94
53) 4-Nitrophenol	14.92	109	50906	18.212 ng/ul	90
54) Dibenzofuran	15.14	168	348565	17.219 ng/ul	94
55) 2,4-Dinitrotoluene	15.08	165	77498	18.900 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.35	232	81437	17.552 ng/ul#	96
57) Diethylphthalate	15.55	149	288367	17.231 ng/ul	98
59) Fluorene	15.78	166	278327	16.932 ng/ul#	94
60) 4-Chlorophenyl-phenylether	15.78	204	160019	16.911 ng/ul	97
61) 4-Nitroaniline	15.79	138	57619	17.752 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.84	198	46584	16.689 ng/ul	94
65) N-Nitrosodiphenylamine	15.98	169	253151	17.286 ng/ul	96
66) 4-Bromophenyl-phenylether	16.67	248	107540	16.928 ng/ul	98
67) Hexachlorobenzene	16.79	284	117906	21.530 ng/ul	94
68) Atrazine	16.93	200	104649	17.250 ng/ul	96
69) Pentachlorophenol	17.12	266	66804	16.686 ng/ul	95
70) Phenanthrene	17.52	178	483107	17.370 ng/ul	99
72) Anthracene	17.61	178	484111	17.180 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	138846	17.687 ng/uL	90
74) Pentachlorobenzene	15.05	250	135233	16.953 ng/uL	95
75) Carbazole	17.87	167	406294	18.089 ng/ul	97
76) Di-n-butylphthalate	18.44	149	478288	17.170 ng/ul	99
77) Fluoranthene	19.52	202	616296	18.660 ng/ul	100
80) Pyrene	19.89	202	610983	17.377 ng/ul	99
81) Butylbenzylphthalate	20.77	149	218127	17.800 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.65	252	234943	18.364 ng/ul	99
83) Benzo(a)anthracene	21.73	228	629820	17.596 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	316732	17.381 ng/ul	99
85) Chrysene	21.80	228	609473	17.554 ng/ul	98
87) Di-n-octyl phthalate	22.89	149	555957	17.864 ng/ul	100
88) Benzo(b)fluoranthene	23.99	252	651538	17.332 ng/ul	99
89) Benzo(k)fluoranthene	24.05	252	617376	16.850 ng/ul	99
91) Benzo(a)pyrene	24.87	252	588335	17.135 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.76	276	721235	17.121 ng/ul	98
93) Dibenzo(a,h)anthracene	28.84	278	596611	17.093 ng/ul	96
94) Benzo(g,h,i)perylene	29.93	276	602517m	17.071 ng/ul	

10/06/20 JU

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

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