Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049895.D
Acq On : 19 Aug 2021 13:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 14:27:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 13:35:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV428

Manual Integrations APPROVED
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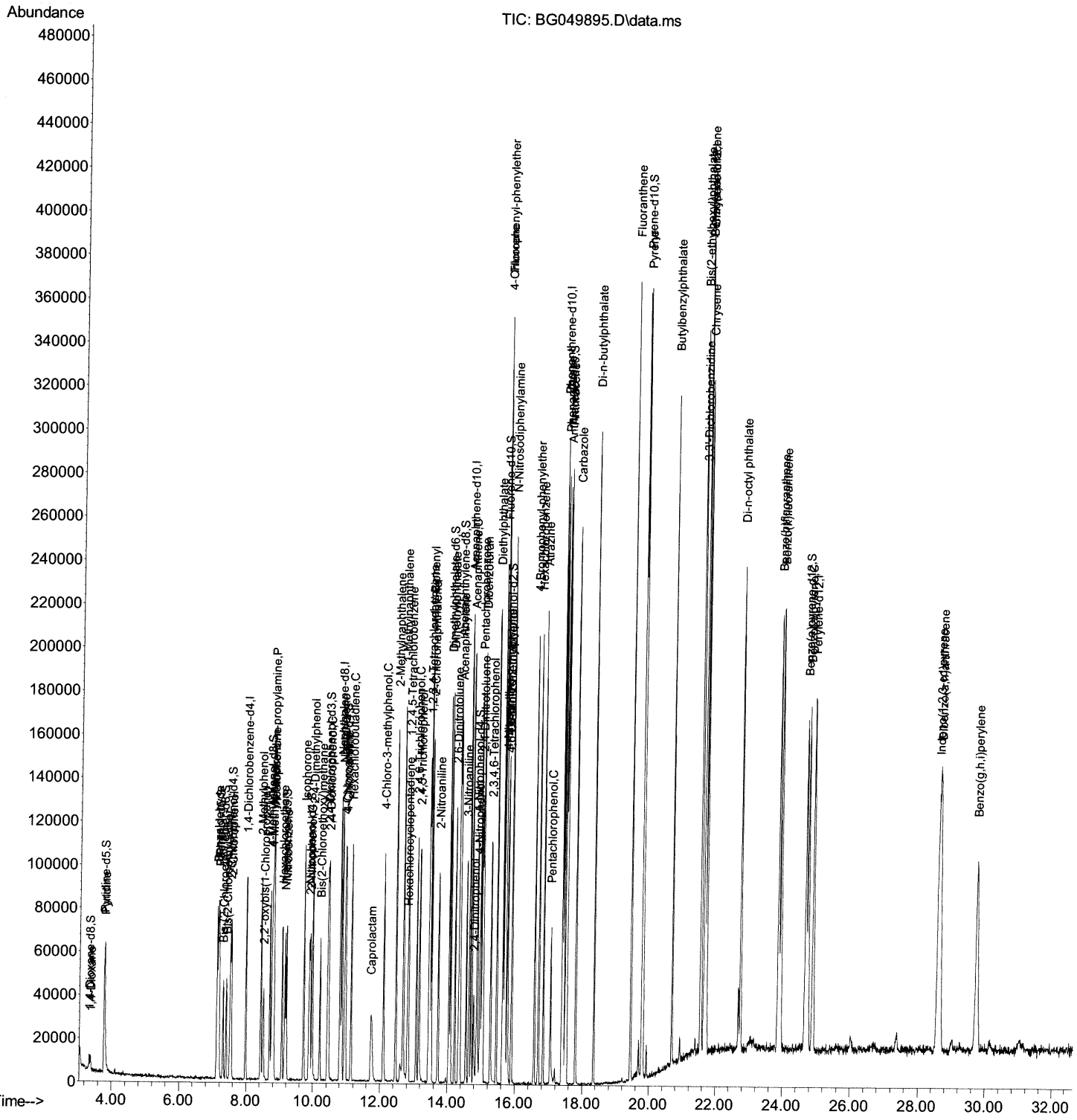

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049895.D
Acq On : 19 Aug 2021 13:47
Operator : CG/JU
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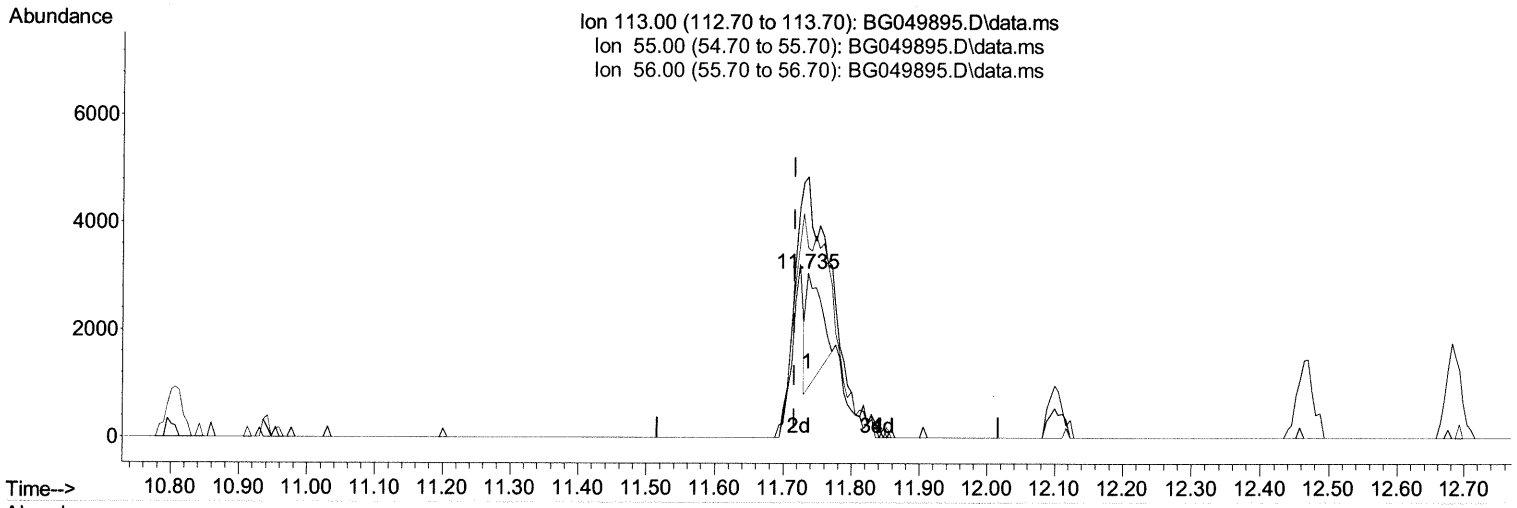

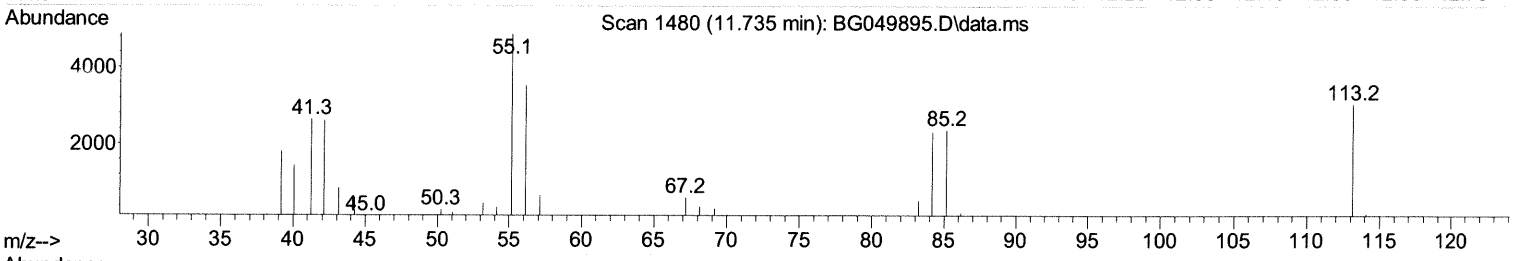

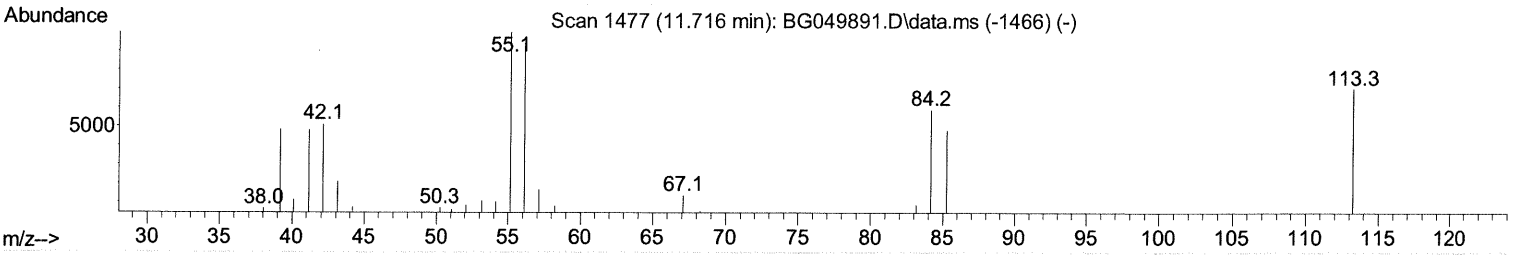

TIC: BG049895.D\data.ms

(34) Caprolactam

11.735min (+ 0.019) 5.32 ng/ul

response 2999

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	158.83
56.00	134.20	115.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
SICV428

Manual Integrations APPROVED
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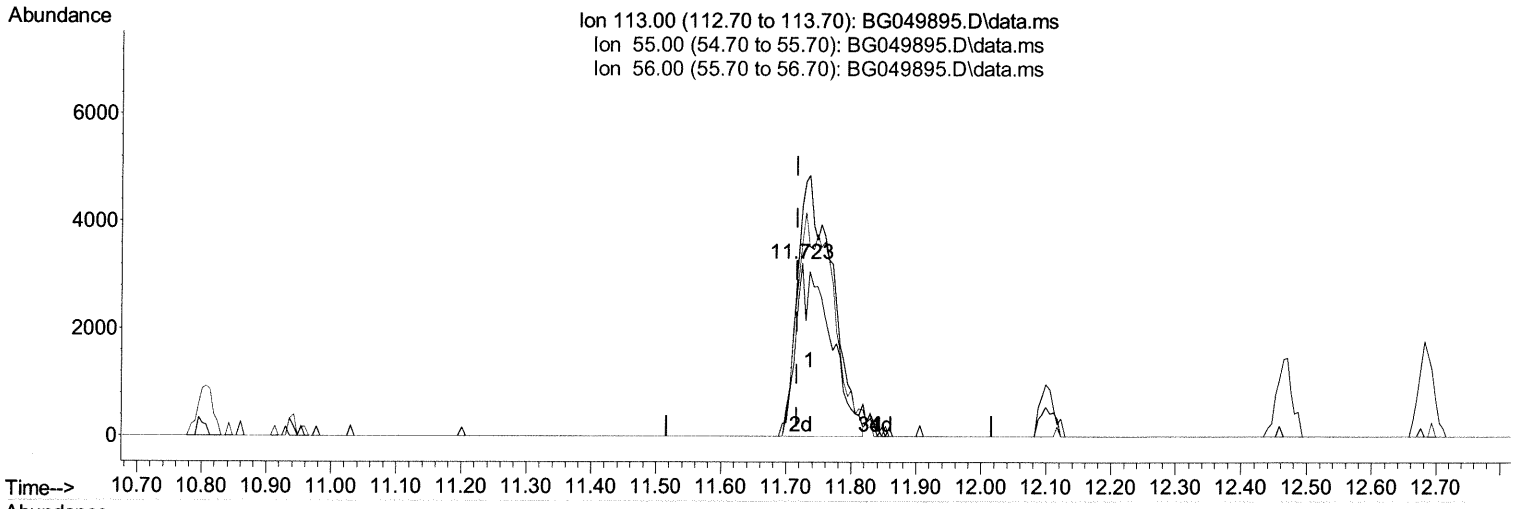

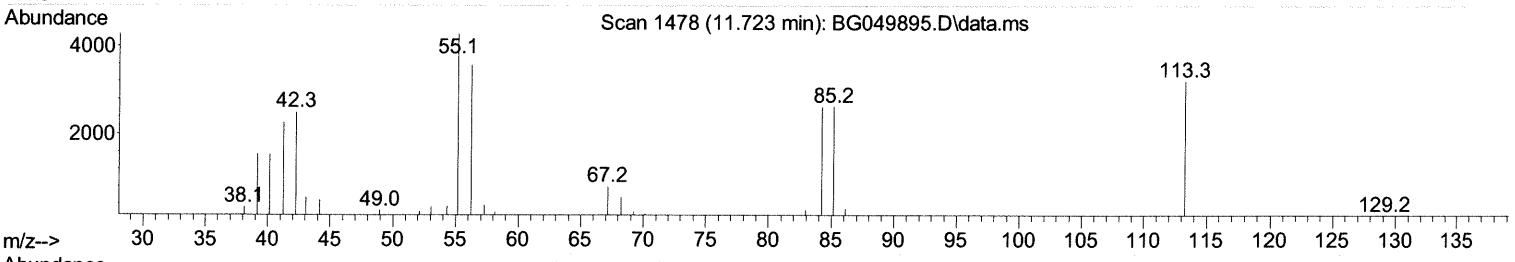

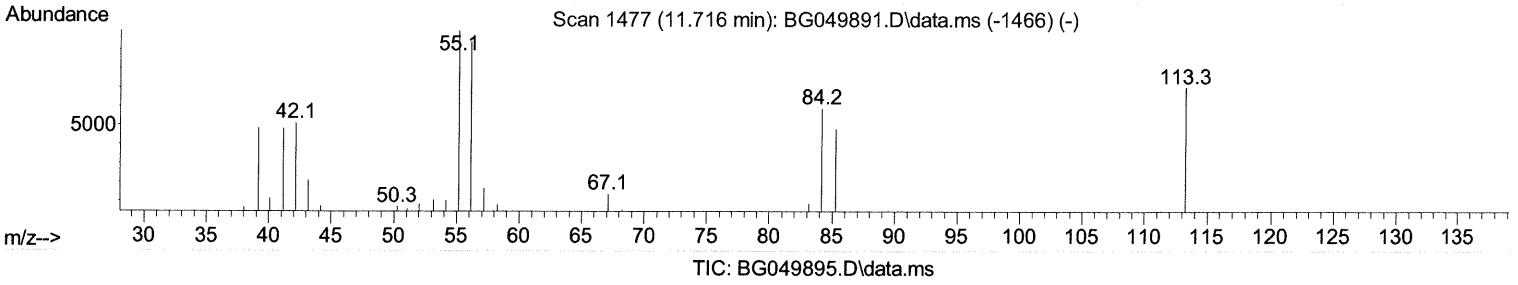

(34) Caprolactam

11.723min (+ 0.007) 21.04 ng/ul m 09/01/21 JU

response 11851

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	133.15
56.00	134.20	111.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049895.D
Acq On : 19 Aug 2021 13:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 14:27:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 13:35:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV428

Manual Integrations APPROVED
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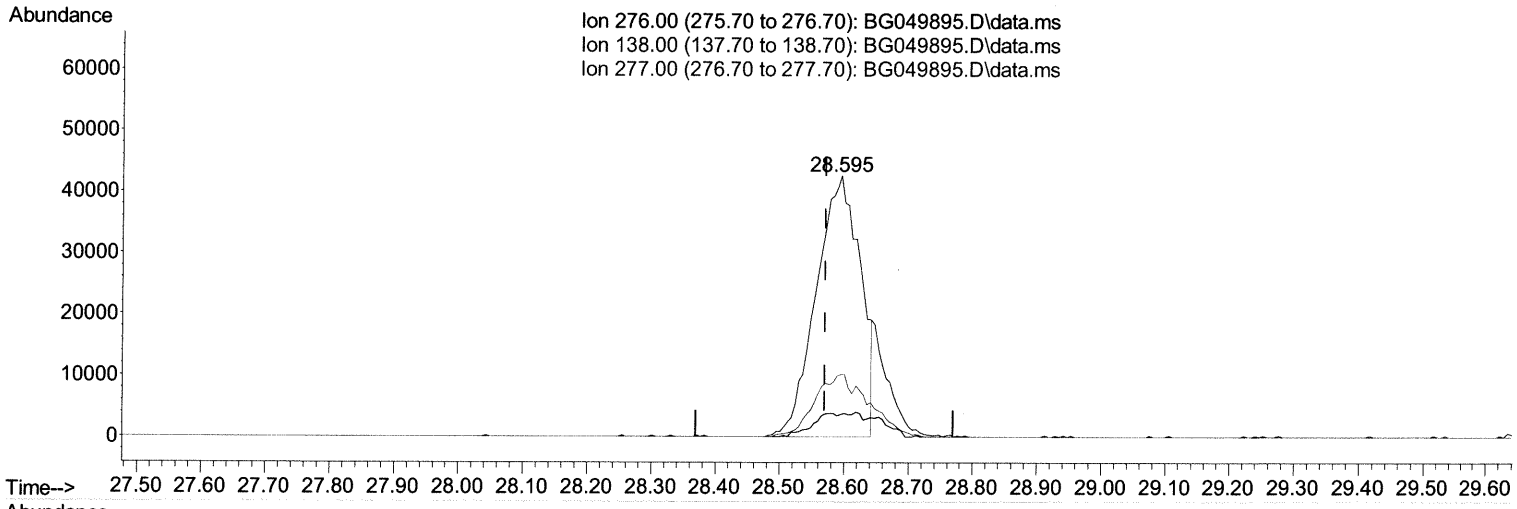

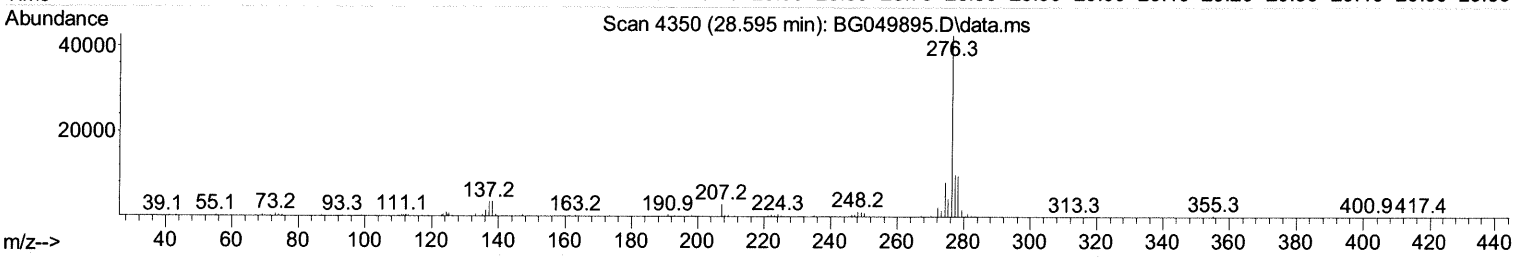

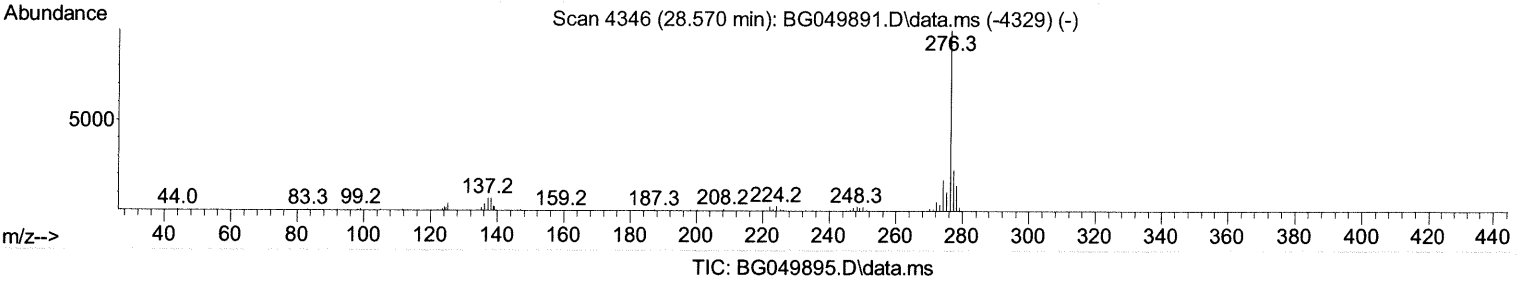

TIC: BG049895.D\data.ms

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

28.595min (+ 0.025) 16.52 ng/ul

response 201708

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	8.36#
277.00	23.20	23.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049895.D
Acq On : 19 Aug 2021 13:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 14:27:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 13:35:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV428

Manual Integrations APPROVED
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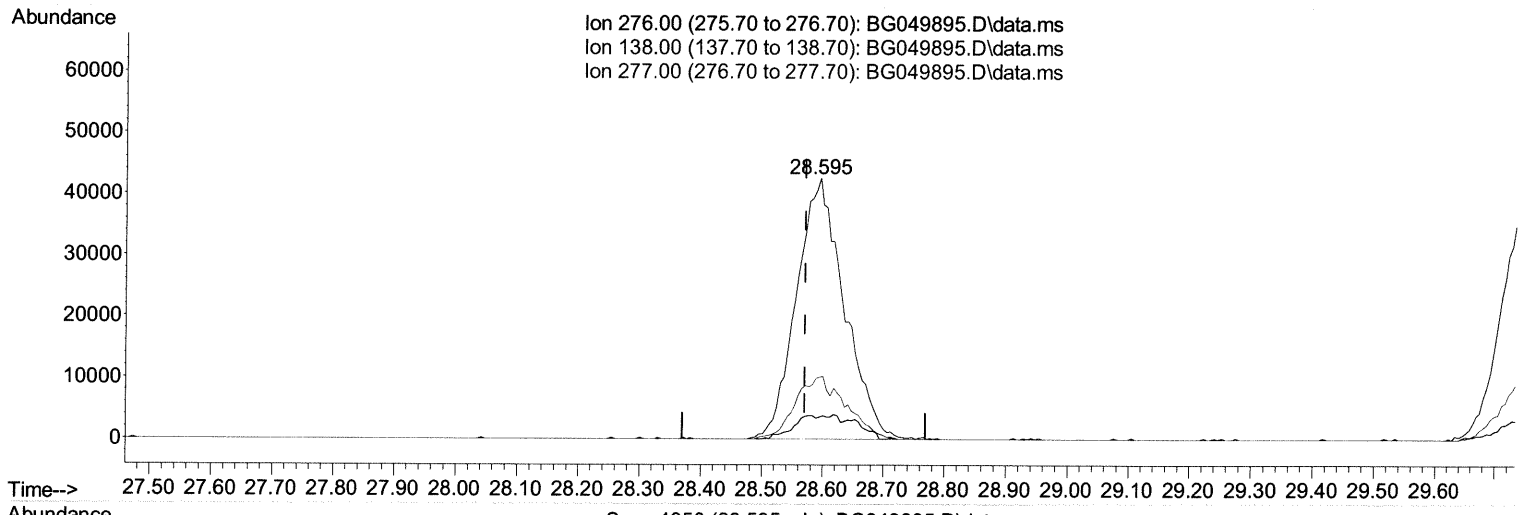

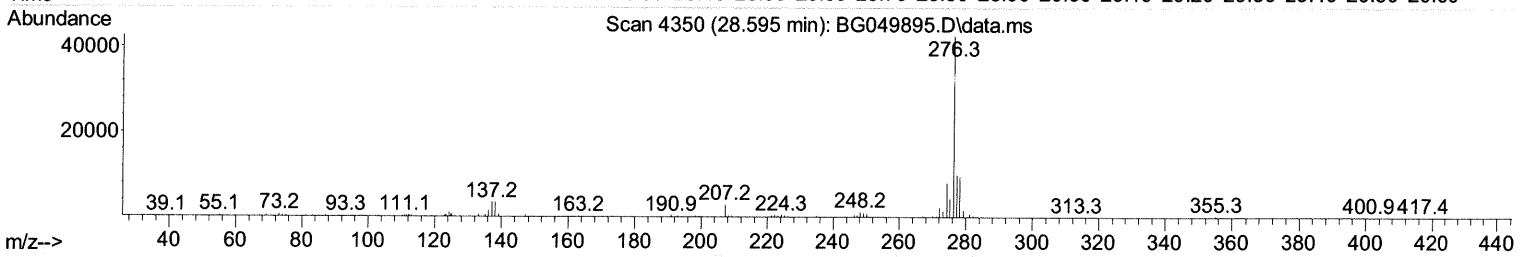

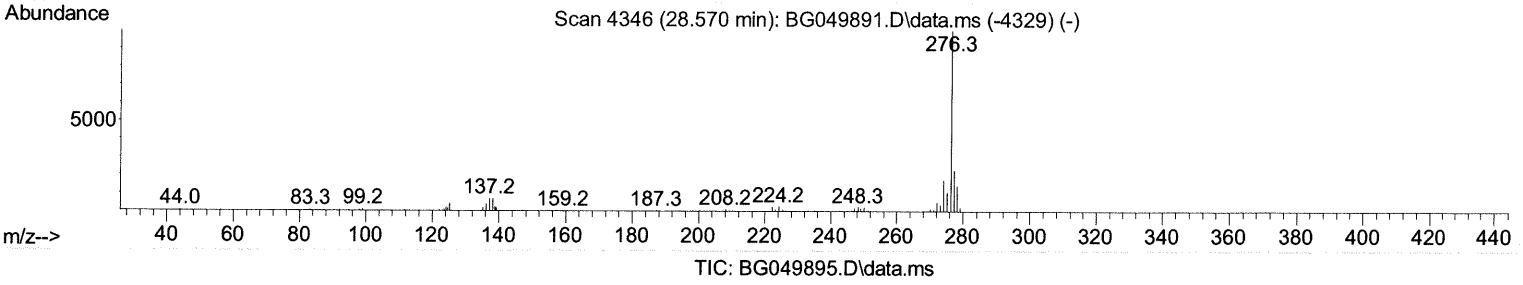

TIC: BG049895.D\data.ms

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

28.595min (+ 0.025) 18.99 ng/ul m 09/01/21 JU

response 231839

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	8.36#
277.00	23.20	23.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049895.D
Acq On : 19 Aug 2021 13:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 14:27:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 13:35:17 2021
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Instrument :
BNA_G
ClientSampleId :
SICV428

Manual Integrations APPROVED
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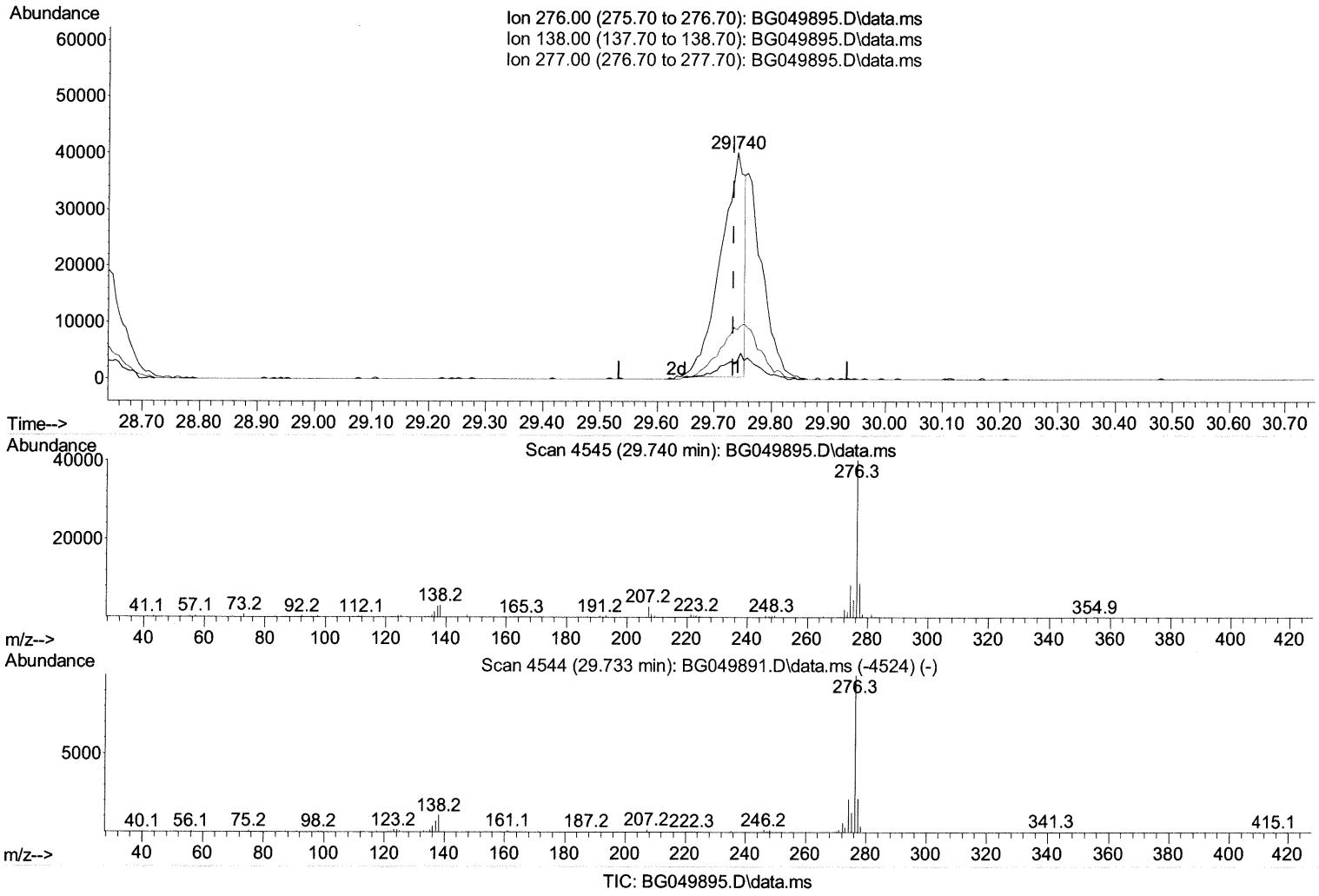

TIC: BG049895.D\data.ms

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

29.740min (+ 0.007) 11.19 ng/ul

response 114869

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	7.97#
277.00	21.70	21.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049895.D
Acq On : 19 Aug 2021 13:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 14:27:26 2021
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
SICV428

Manual Integrations APPROVED
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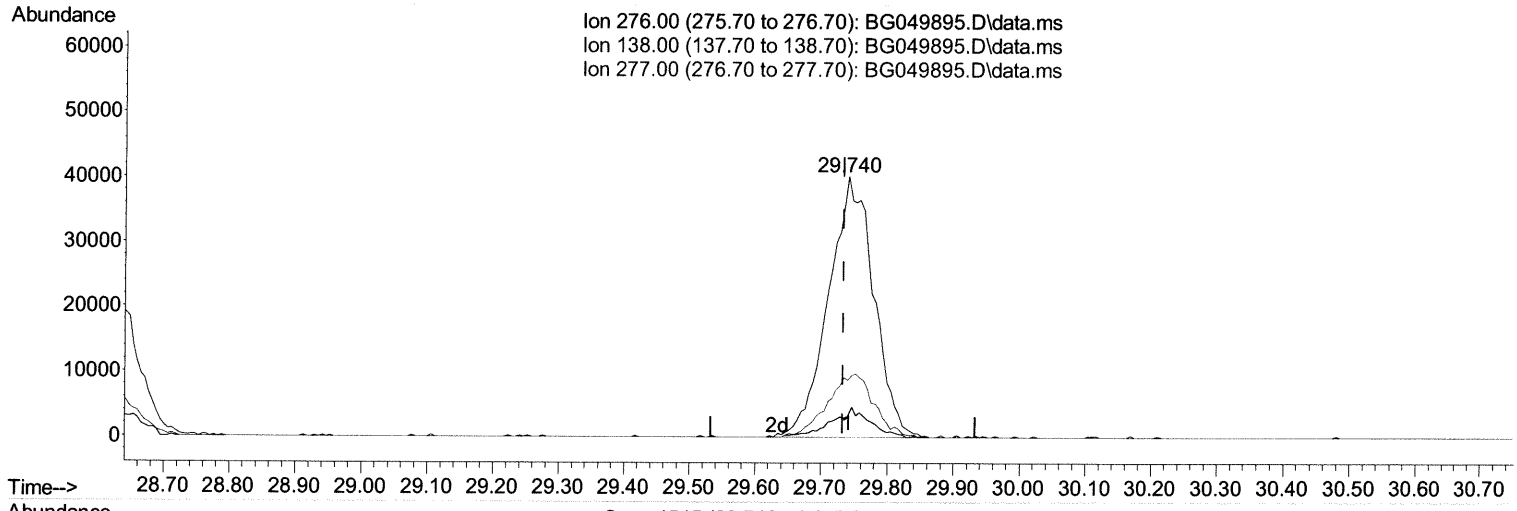

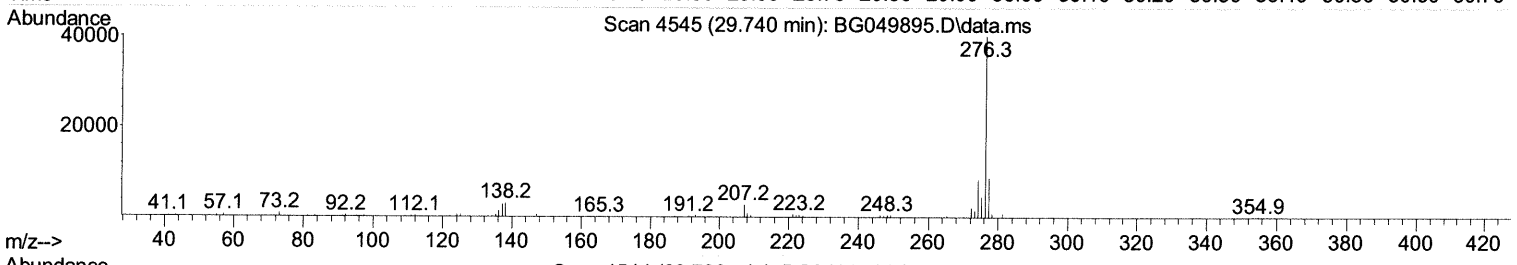

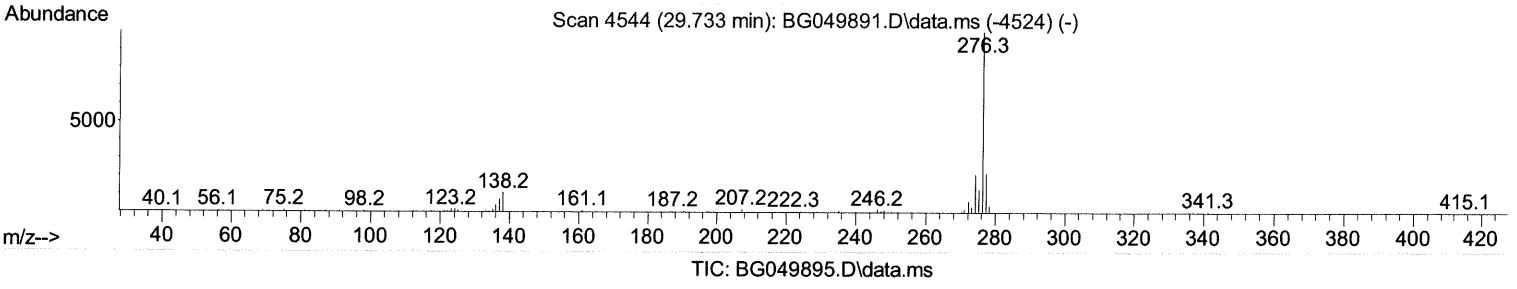

TIC: BG049895.D\data.ms

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

29.740min (+ 0.007) 18.39 ng/ul m 08/01/21 JU

response 188777

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	7.97#
277.00	21.70	21.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG049895.D
Acq On : 19 Aug 2021 13:47
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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	24540	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	106423	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.643	164	74652	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	182352	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	174858	20.000	ng/ul	0.00
88) Perylene-d12	24.894	264	166624	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3661	7.693	ng/uL	0.00
4) Pyridine-d5	3.775	84	25555	17.828	ng/ul	0.00
7) Phenol-d5	7.153	99	39875	19.135	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	22406	19.354	ng/ul	0.00
11) 2-Chlorophenol-d4	7.517	132	31071	19.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	31767	19.357	ng/ul	0.00
21) Nitrobenzene-d5	9.150	128	15276	18.515	ng/ul	0.00
24) 2-Nitrophenol-d4	9.885	143	19062	19.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.431	165	34559	19.722	ng/ul	0.00
31) 4-Chloroaniline-d4	10.942	131	45415	19.041	ng/ul	0.00
46) Dimethylphthalate-d6	14.044	166	118388	20.722	ng/ul	0.00
49) Acenaphthylene-d8	14.337	160	131734	19.665	ng/ul	0.00
54) 4-Nitrophenol-d4	14.860	143	17835	21.576	ng/ul	0.00
60) Fluorene-d10	15.636	176	100235	20.693	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.765	200	22530	19.205	ng/ul	0.00
73) Anthracene-d10	17.492	188	160033	19.544	ng/ul	0.00
81) Pyrene-d10	19.783	212	188852	19.986	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.676	264	171327	19.381	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	4858	8.374	ng/uL	97
5) Pyridine	3.793	79	30017	19.375	ng/ul	92
6) Benzaldehyde	7.118	77	27613	23.027	ng/ul	97
8) Phenol	7.176	94	39185	18.617	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.400	93	26195	18.028	ng/ul	96
12) 2-Chlorophenol	7.547	128	29770	19.322	ng/ul#	88
13) 2-Methylphenol	8.439	108	32017	19.717	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.516	45	30012	19.697	ng/ul	97
16) Acetophenone	8.815	105	51847	19.372	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.792	70	27467	20.438	ng/ul	98
18) 4-Methylphenol	8.768	108	32503	18.606	ng/ul	85
19) Hexachloroethane	9.068	117	13600	20.169	ng/ul	93
22) Nitrobenzene	9.197	77	43595	19.500	ng/ul	96
23) Isophorone	9.720	82	76302	19.155	ng/ul	97
25) 2-Nitrophenol	9.914	139	18748	19.628	ng/ul	93
26) 2,4-Dimethylphenol	9.979	107	41606	19.600	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.208	93	39822	19.360	ng/ul	99
29) 2,4-Dichlorophenol	10.460	162	30669	19.069	ng/ul	100
30) Naphthalene	10.854	128	101267	19.038	ng/ul	98
32) 4-Chloroaniline	10.965	127	43139	18.781	ng/ul	91
33) Hexachlorobutadiene	11.136	225	24578	18.890	ng/ul	93
34) Caprolactam	11.723	113	11851m >	21.036	ng/ul >	09/01/2154
35) 4-Chloro-3-methylphenol	12.099	107	38094	19.818	ng/ul	98

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
ClientSampleId : SICV428

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	75469	19.086	ng/ul	100
37) 1-Methylnaphthalene	12.687	142	78896	19.767	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.834	216	43604	19.886	ng/ul#	89
40) Hexachlorocyclopentadiene	12.810	237	14084	14.352	ng/ul#	79
41) 2,4,6-Trichlorophenol	13.080	196	27392	19.603	ng/ul	96
42) 2,4,5-Trichlorophenol	13.162	196	28974	19.785	ng/ul	93
43) 1,1'-Biphenyl	13.474	154	102630	19.678	ng/ul	98
44) 2-Chloronaphthalene	13.521	162	80489	19.213	ng/ul	100
45) 2-Nitroaniline	13.726	65	29202	20.531	ng/ul	96
47) Dimethylphthalate	14.091	163	114582	20.265	ng/ul#	99
48) 2,6-Dinitrotoluene	14.214	165	23899	20.473	ng/ul	94
50) Acenaphthylene	14.367	152	121830	19.899	ng/ul	100
51) 3-Nitroaniline	14.549	138	22774	20.218	ng/ul	98
52) Acenaphthene	14.707	153	86284	19.428	ng/ul	93
53) 2,4-Dinitrophenol	14.772	184	9614	16.125	ng/ul	91
55) 4-Nitrophenol	14.878	109	21063	20.098	ng/ul	97
56) Dibenzofuran	15.042	168	122598	19.933	ng/ul	100
57) 2,4-Dinitrotoluene	15.007	165	36412	21.685	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.271	232	24409	20.114	ng/ul#	97
59) Diethylphthalate	15.453	149	118482	20.484	ng/ul#	93
61) Fluorene	15.688	166	103410	19.929	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.683	204	54713	19.928	ng/ul	95
63) 4-Nitroaniline	15.712	138	25055	22.289	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.777	198	19546	18.381	ng/ul	90
67) N-Nitrosodiphenylamine	15.894	169	93023	19.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	39244	19.454	ng/ul	97
69) Hexachlorobenzene	16.699	284	43855	18.827	ng/ul	98
70) Atrazine	16.840	200	42526	19.939	ng/ul	93
71) Pentachlorophenol	17.051	266	15390	15.603	ng/ul	92
72) Phenanthrene	17.433	178	175595	19.316	ng/ul	97
74) Anthracene	17.527	178	181251	19.675	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.444	216	44062	18.010	ng/uL	92
76) Pentachlorobenzene	14.966	250	47910	18.481	ng/uL	97
77) Carbazole	17.797	167	162869	19.868	ng/ul	99
78) Di-n-butylphthalate	18.344	149	203108	19.373	ng/ul	99
80) Fluoranthene	19.448	202	232139	19.909	ng/ul#	98
82) Pyrene	19.812	202	231404	20.027	ng/ul	99
83) Butylbenzylphthalate	20.688	149	86799	19.036	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.557	252	80345	19.384	ng/ul#	94
85) Benzo(a)anthracene	21.645	228	209921	19.267	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.539	149	117163	18.711	ng/ul	95
87) Chrysene	21.710	228	199574	19.377	ng/ul	97
89) Di-n-octyl phthalate	22.744	149	189282	19.149	ng/ul	100
90) Benzo(b)fluoranthene	23.866	252	210210	19.723	ng/ul	99
91) Benzo(k)fluoranthene	23.936	252	200893	19.829	ng/ul	100
93) Benzo(a)pyrene	24.741	252	183158	19.787	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.595	276	231839m >	18.987	ng/ul >	09/01/21 JU
95) Dibenzo(a,h)anthracene	28.647	278	193321	18.913	ng/ul	99
96) Benzo(g,h,i)perylene	29.740	276	188777m >	18.390	ng/ul >	09/01/21 JU

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