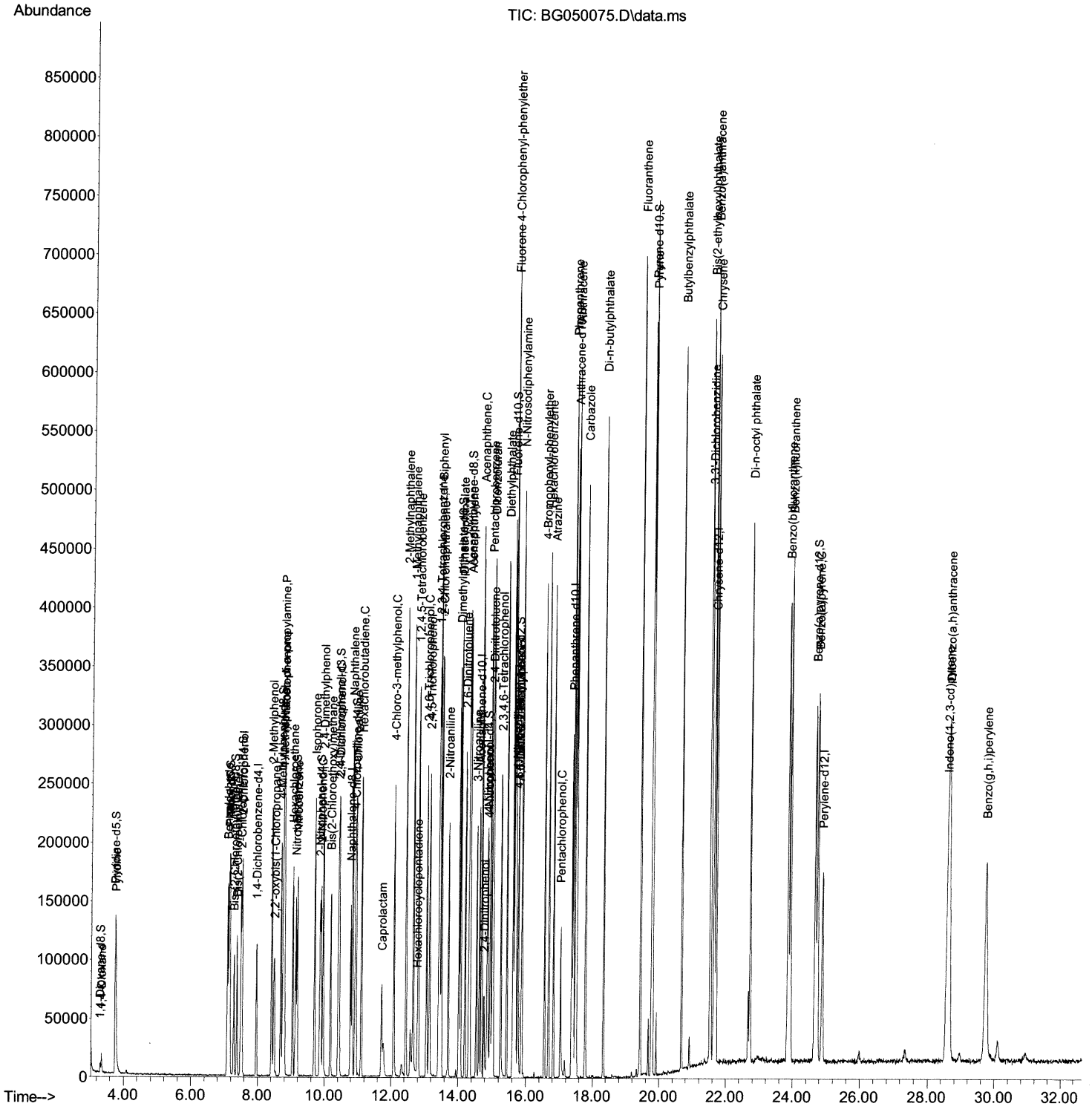
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM



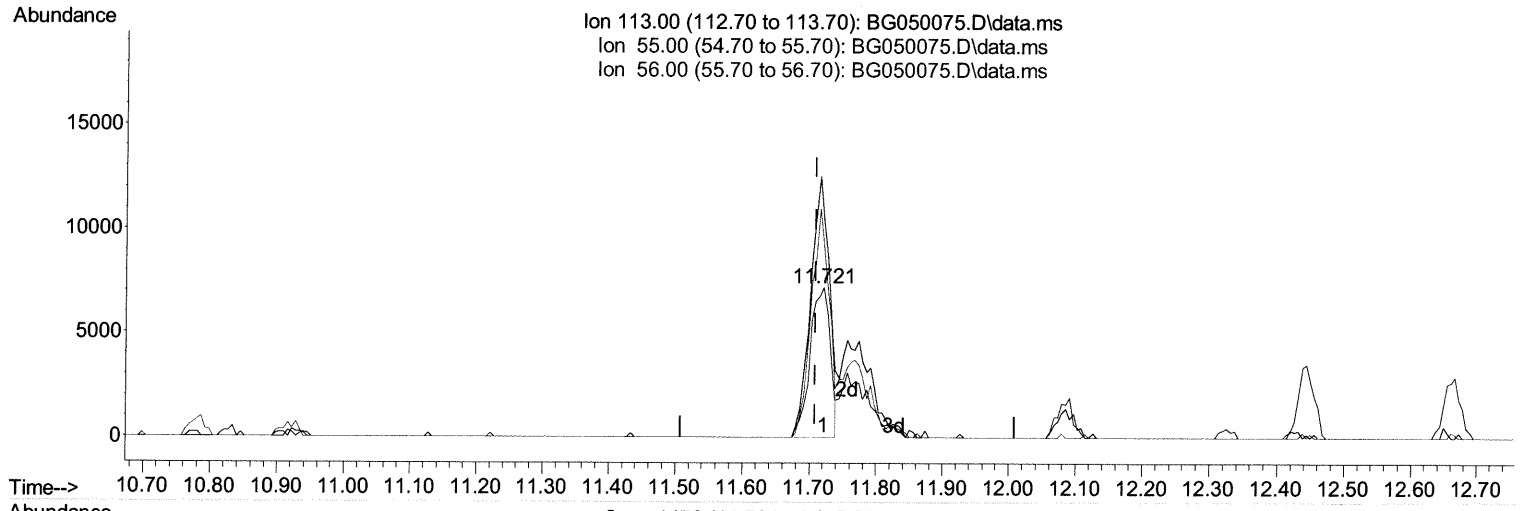
Quantitation Report (Qedit)

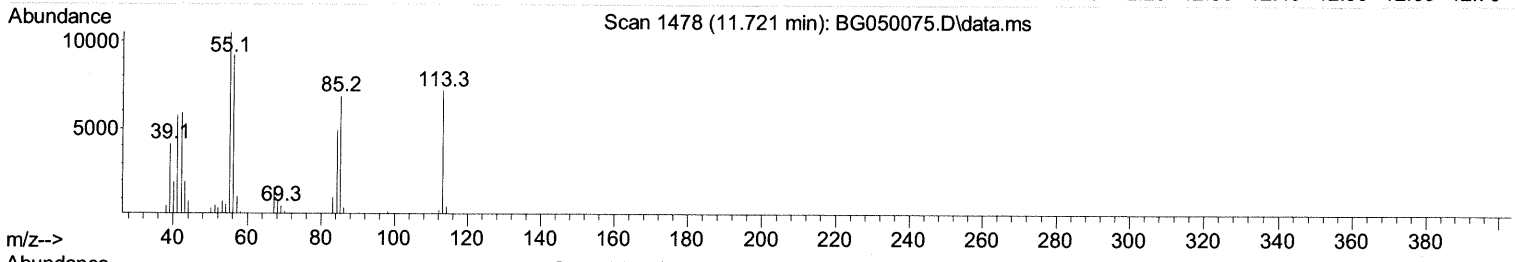
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

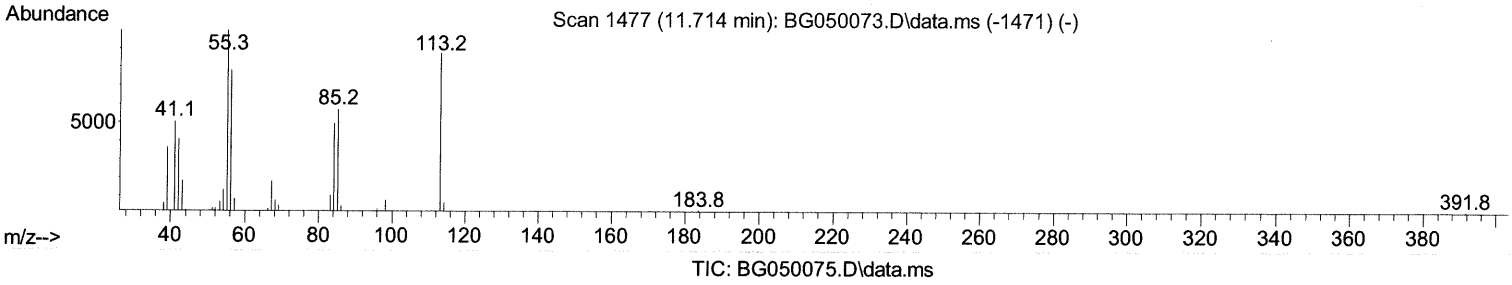
Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM







TIC: BG050075.D\data.ms

(34) Caprolactam

11.721min (+ 0.013) 23.16 ng/ul

response 15010

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	146.06
56.00	134.20	128.03
0.00	0.00	0.00

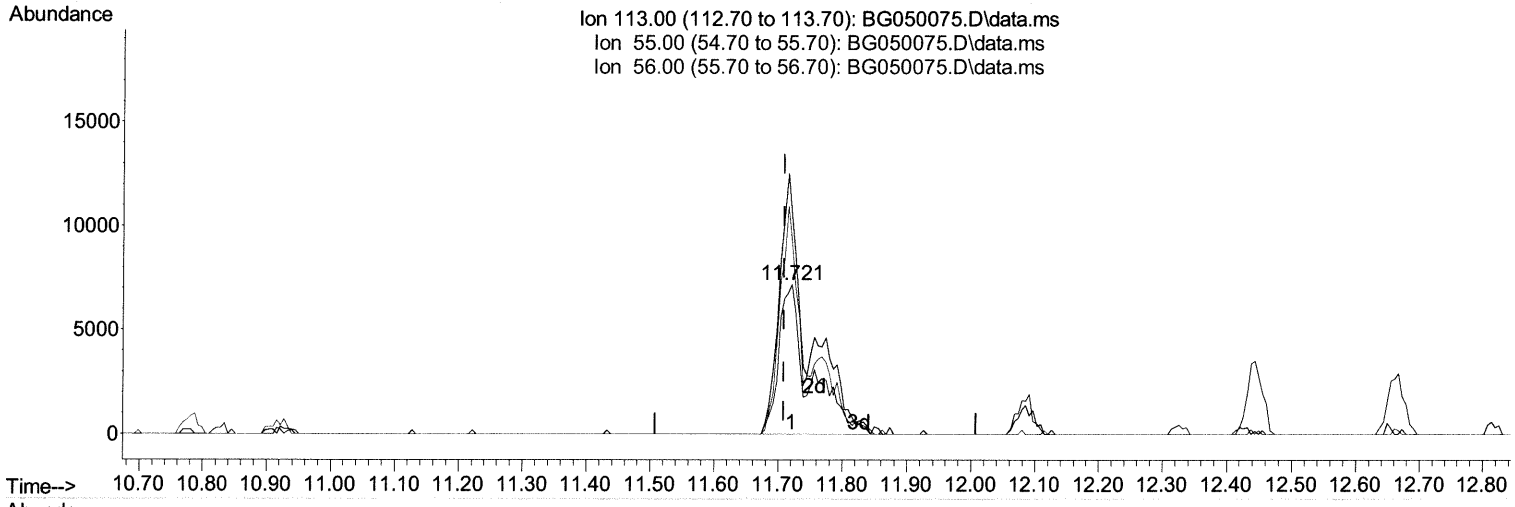
Quantitation Report (Qedit)

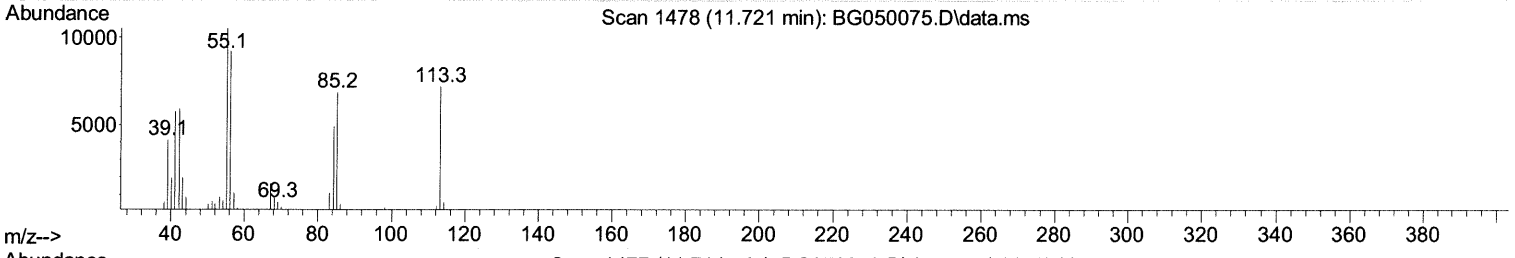
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

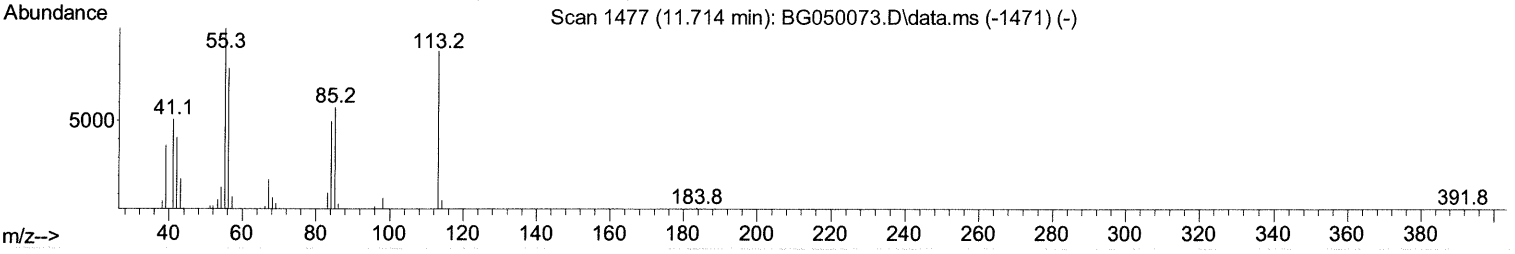
Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM







TIC: BG050075.D\data.ms

(34) Caprolactam

11.721min (+ 0.013) 37.12 ng/ul m 09/03/2134

response 24060

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	146.06
56.00	134.20	128.03
0.00	0.00	0.00

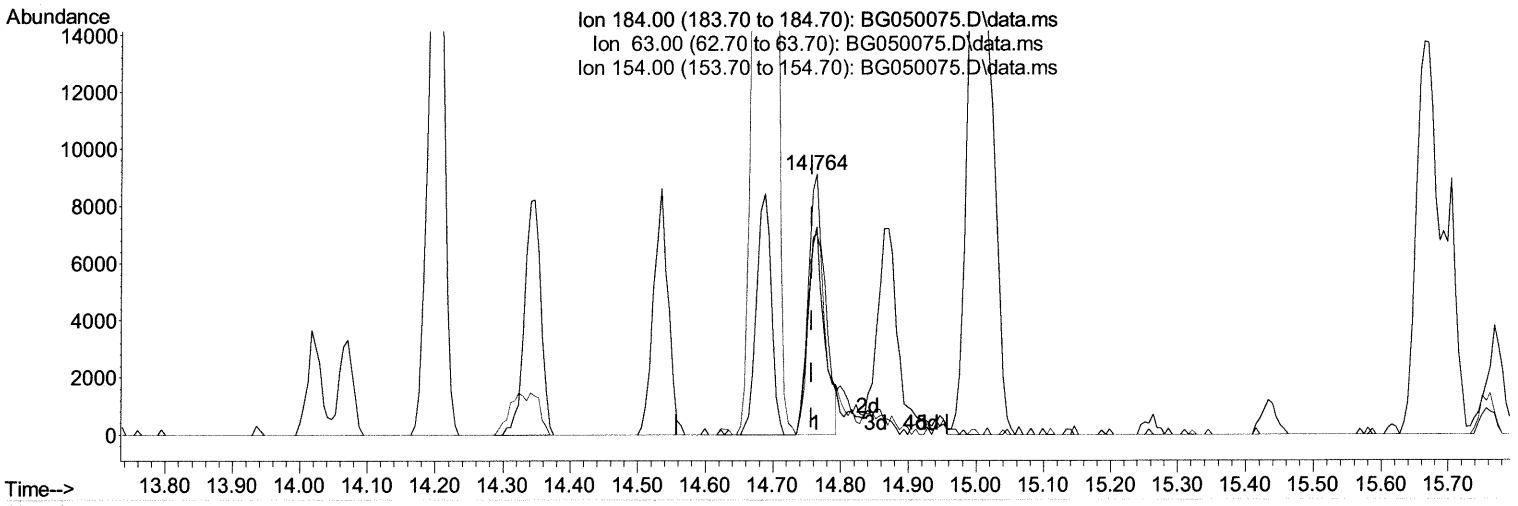
Quantitation Report (Qedit)

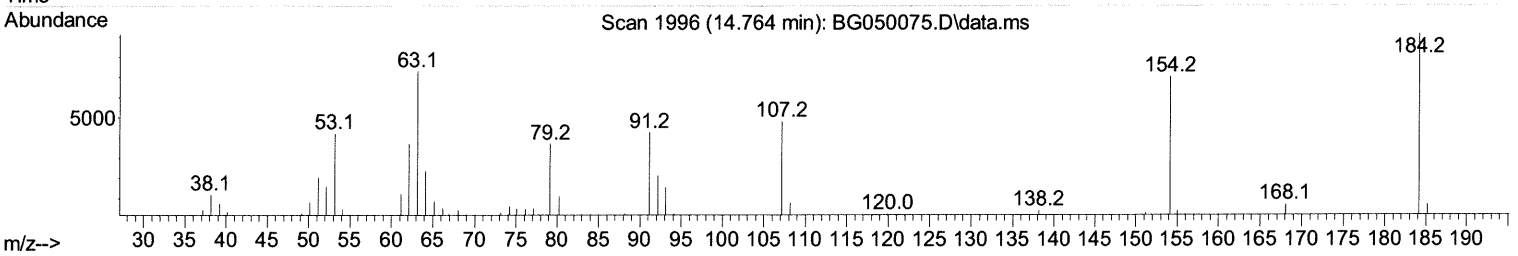
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

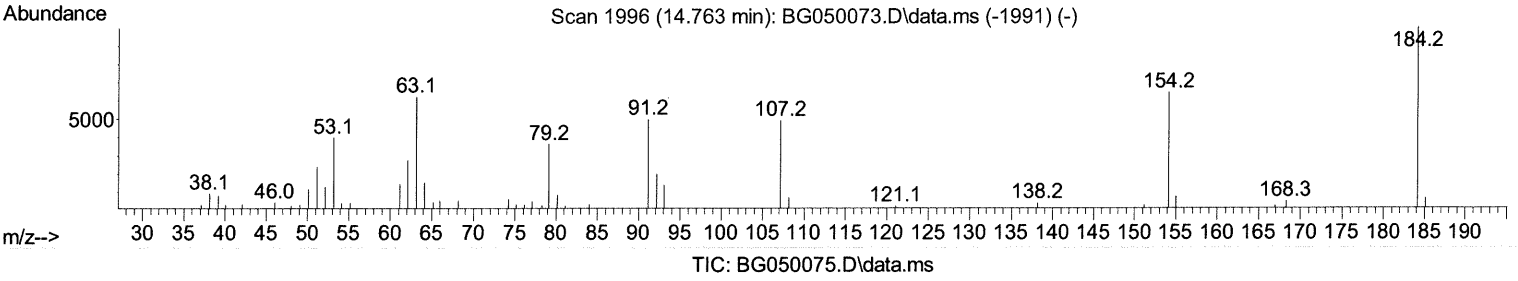
Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM







TIC: BG050075.D\data.ms

(53) 2,4-Dinitrophenol

14.764min (+ 0.007) 24.30 ng/ul

response 15866

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	94.80	79.93
154.00	80.70	76.97
0.00	0.00	0.00

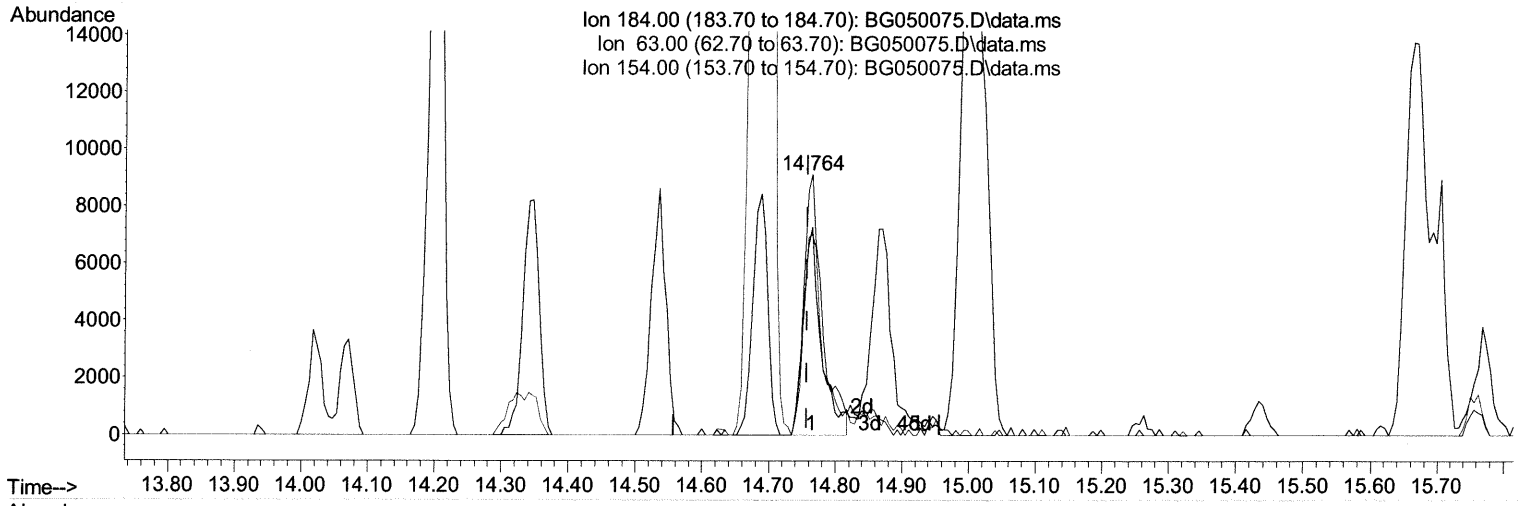
Quantitation Report (Qedit)

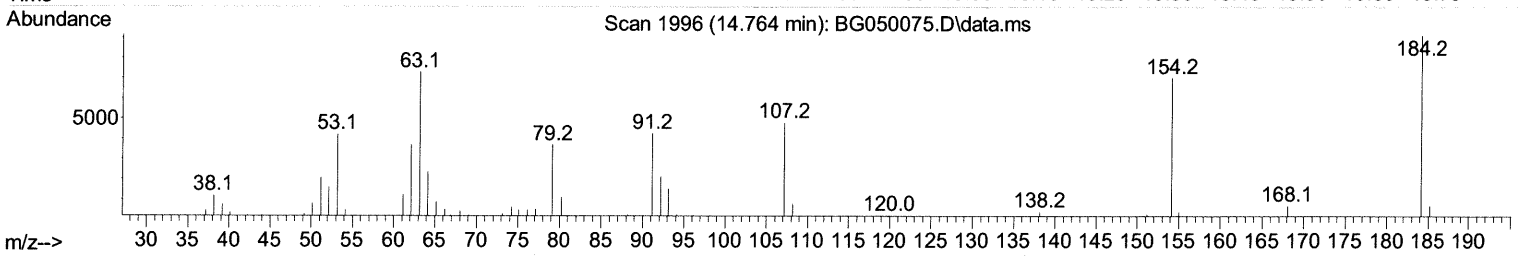
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

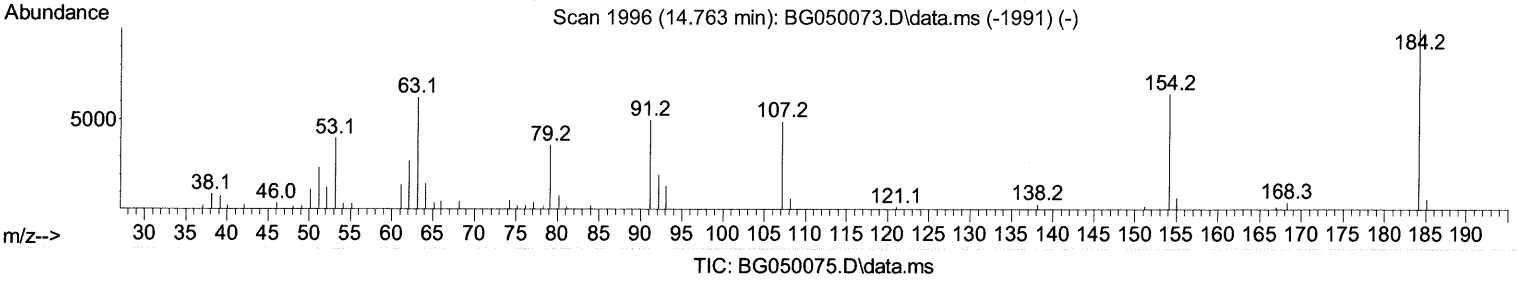
Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM







TIC: BG050075.D\data.ms

(53) 2,4-Dinitrophenol

14.764min (+ 0.007) 27.08 ng/ul m 09/03/21 JU

response 17677

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	94.80	79.93
154.00	80.70	76.97
0.00	0.00	0.00

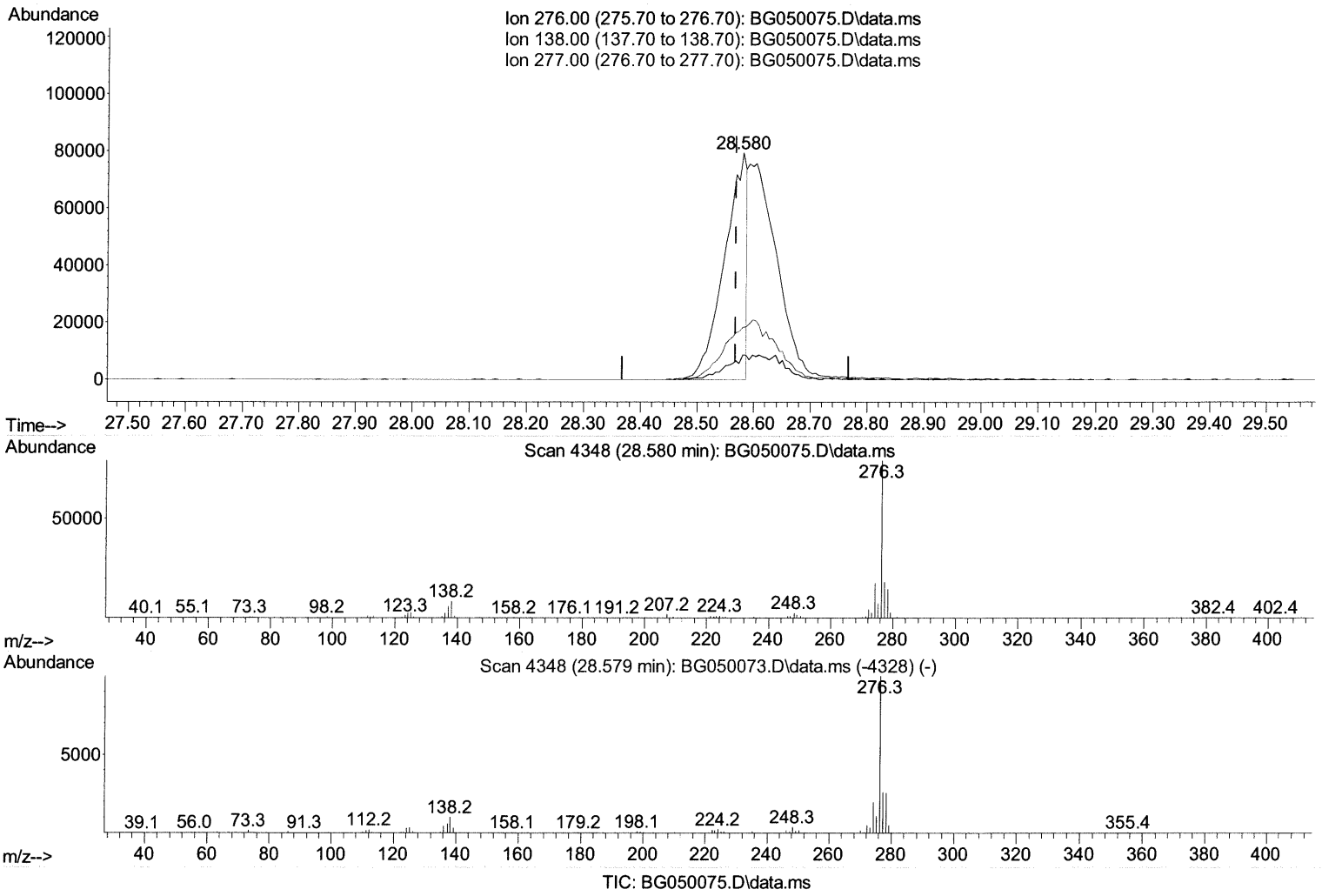
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM



TIC: BG050075.D\data.ms

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

28.580min (+ 0.013) 17.79 ng/ul

response 218969

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.73#
277.00	23.20	22.97
0.00	0.00	0.00

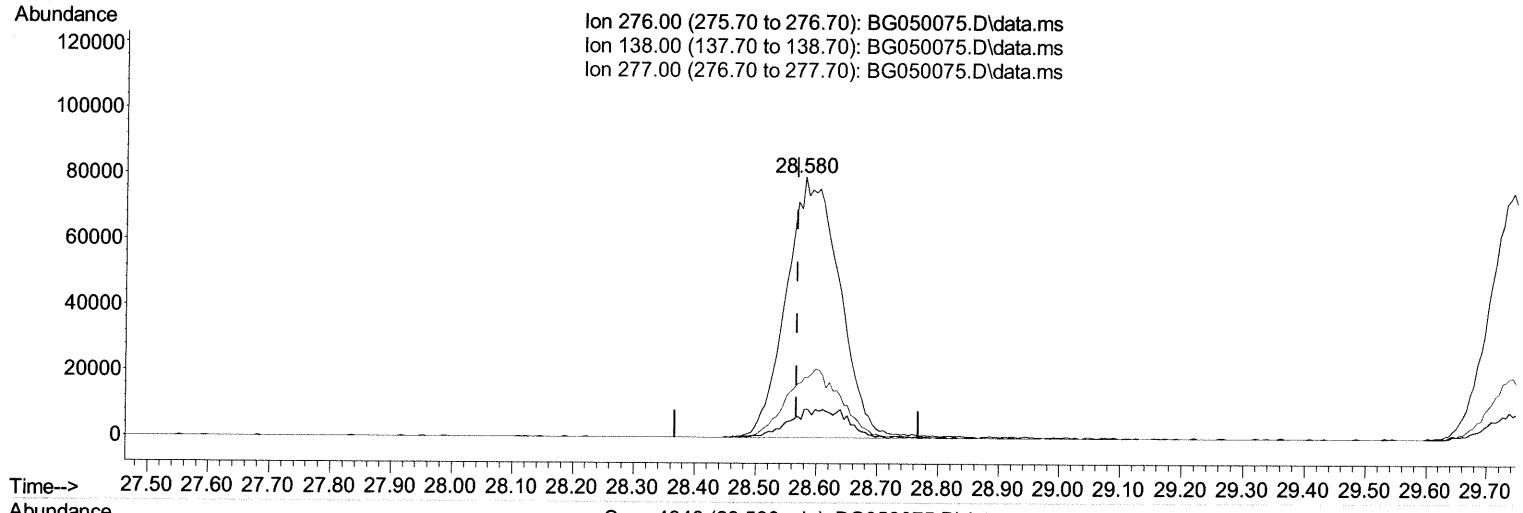
Quantitation Report (Qedit)

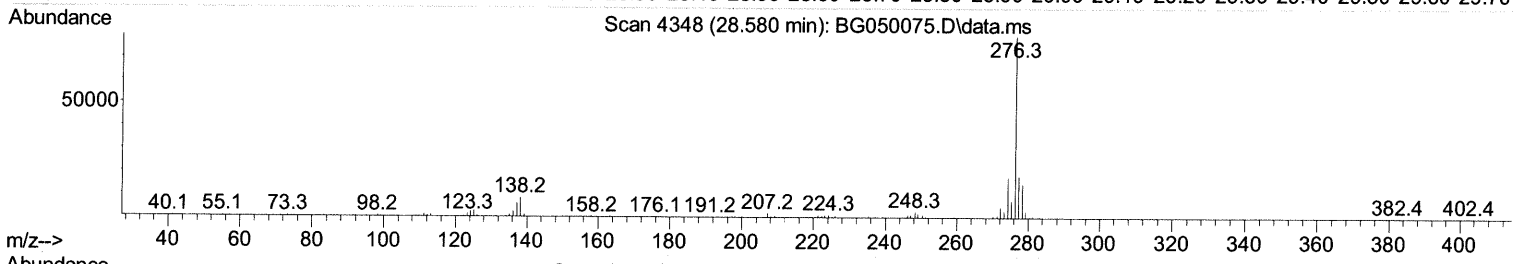
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

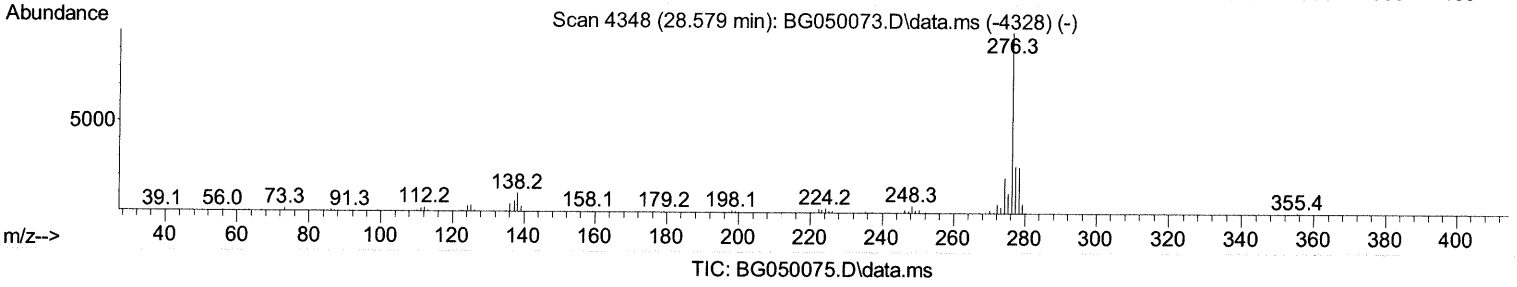
Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM







TIC: BG050075.D\data.ms

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

28.580min (+ 0.013) 39.02 ng/ul m 09/03/2150

response 480371

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.73#
277.00	23.20	22.97
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	30897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	122433	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.623	164	81743	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.378	188	182401	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.654	240	166261	20.000	ng/ul	0.00
88) Perylene-d12	24.879	264	167994	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4285	7.152	ng/uL	0.00
4) Pyridine-d5	3.749	84	61764	34.223	ng/ul	0.00
7) Phenol-d5	7.133	99	93211	35.527	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.280	67	50037	34.328	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	70222	35.770	ng/ul	0.00
15) 4-Methylphenol-d8	8.684	113	71550	34.628	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	35560	37.463	ng/ul	0.00
24) 2-Nitrophenol-d4	9.859	143	41944	37.111	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.411	165	76314	37.856	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	96057	35.008	ng/ul	0.00
46) Dimethylphthalate-d6	14.024	166	230402	36.830	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	286734	39.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.852	143	30621	33.831	ng/ul	0.00
60) Fluorene-d10	15.615	176	197239	37.186	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	38248	32.594	ng/ul	0.00
73) Anthracene-d10	17.478	188	302194	36.895	ng/ul	0.00
81) Pyrene-d10	19.769	212	353027	39.292	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	323438	36.290	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.356	88	9709	13.292	ng/uL#	87
5) Pyridine	3.767	79	69395	35.577	ng/ul	90
6) Benzaldehyde	7.092	77	62160	41.171	ng/ul	94
8) Phenol	7.162	94	99247	37.451	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.380	93	69934	38.228	ng/ul	94
12) 2-Chlorophenol	7.526	128	75392	38.865	ng/ul#	83
13) 2-Methylphenol	8.413	108	75949	37.148	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.496	45	70200	36.594	ng/ul	95
16) Acetophenone	8.789	105	120482	35.754	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.772	70	64669	38.220	ng/ul	96
18) 4-Methylphenol	8.748	108	79806	36.284	ng/ul	86
19) Hexachloroethane	9.042	117	33754	39.759	ng/ul	94
22) Nitrobenzene	9.177	77	103068	40.073	ng/ul	99
23) Isophorone	9.700	82	173011	37.754	ng/ul	97
25) 2-Nitrophenol	9.894	139	44866	40.830	ng/ul	89
26) 2,4-Dimethylphenol	9.953	107	91660	37.533	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.182	93	92901	39.259	ng/ul	97
29) 2,4-Dichlorophenol	10.440	162	77704	41.996	ng/ul	99
30) Naphthalene	10.834	128	238604	38.990	ng/ul	96
32) 4-Chloroaniline	10.945	127	100940	38.198	ng/ul	88
33) Hexachlorobutadiene	11.110	225	58918	39.362	ng/ul	98
34) Caprolactam	11.721	113	24060m>	37.122	ng/ul >	09/03/21 JU
35) 4-Chloro-3-methylphenol	12.085	107	89591	40.514	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050075.D
Acq On : 31 Aug 2021 22:37
Operator : CG/JU
Sample : PB138692BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 01 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SLCS692

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:15 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.443	142	182787	40.182 ng/ul	99
37) 1-Methylnaphthalene	12.661	142	172252	37.514 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.813	216	99945	41.628 ng/ul#	97
40) Hexachlorocyclopentadiene	12.784	237	12056	11.220 ng/ul#	98
41) 2,4,6-Trichlorophenol	13.060	196	64566	42.199 ng/ul	96
42) 2,4,5-Trichlorophenol	13.142	196	64963	40.511 ng/ul	92
43) 1,1'-Biphenyl	13.448	154	231797	40.589 ng/ul	100
44) 2-Chloronaphthalene	13.501	162	184536	40.229 ng/ul	98
45) 2-Nitroaniline	13.706	65	63652	40.870 ng/ul	92
47) Dimethylphthalate	14.070	163	238992	38.602 ng/ul	98
48) 2,6-Dinitrotoluene	14.200	165	52106	40.764 ng/ul#	90
50) Acenaphthylene	14.347	152	274819	40.993 ng/ul	96
51) 3-Nitroaniline	14.535	138	49111	39.816 ng/ul	99
52) Acenaphthene	14.687	153	196721	40.452 ng/ul	96
53) 2,4-Dinitrophenol	14.764	184	17677m	27.077 ng/ul	09/01/21 JU
55) 4-Nitrophenol	14.869	109	41365	36.046 ng/ul	95
56) Dibenzofuran	15.022	168	269416	40.005 ng/ul	97
57) 2,4-Dinitrotoluene	14.999	165	73676	40.071 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	55869	42.044 ng/ul#	99
59) Diethylphthalate	15.433	149	242126	38.229 ng/ul	96
61) Fluorene	15.674	166	229165	40.332 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.662	204	121120	40.289 ng/ul	97
63) 4-Nitroaniline	15.704	138	49963	40.592 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.774	198	35804	33.662 ng/ul	96
67) N-Nitrosodiphenylamine	15.880	169	197368	41.100 ng/ul	98
68) 4-Bromophenyl-phenylether	16.555	248	85393	42.320 ng/ul	95
69) Hexachlorobenzene	16.685	284	95824	41.126 ng/ul	98
70) Atrazine	16.826	200	86639	40.611 ng/ul	99
71) Pentachlorophenol	17.037	266	26673	27.035 ng/ul	96
72) Phenanthrene	17.419	178	371145	40.816 ng/ul	98
74) Anthracene	17.513	178	366470	39.770 ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.424	216	104747	42.803 ng/uL	93
76) Pentachlorobenzene	14.946	250	106168	40.943 ng/uL	97
77) Carbazole	17.783	167	329239	40.153 ng/ul	99
78) Di-n-butylphthalate	18.329	149	403957	38.520 ng/ul	98
80) Fluoranthene	19.434	202	451969	40.766 ng/ul	97
82) Pyrene	19.798	202	439996	40.050 ng/ul	100
83) Butylbenzylphthalate	20.673	149	176166	40.633 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.543	252	151169	38.356 ng/ul	93
85) Benzo(a)anthracene	21.637	228	412889	39.855 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.519	149	248577	41.750 ng/ul	97
87) Chrysene	21.701	228	388110	39.631 ng/ul	95
89) Di-n-octyl phthalate	22.723	149	400874	40.225 ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	419089	39.000 ng/ul#	97
91) Benzo(k)fluoranthene	23.922	252	413195	40.452 ng/ul	99
93) Benzo(a)pyrene	24.733	252	371823	39.842 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.580	276	480371m	39.021 ng/ul	09/01/21 JU
95) Dibenzo(a,h)anthracene	28.639	278	397201	38.542 ng/ul	97
96) Benzo(g,h,i)perylene	29.743	276	383199	37.025 ng/ul	95

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