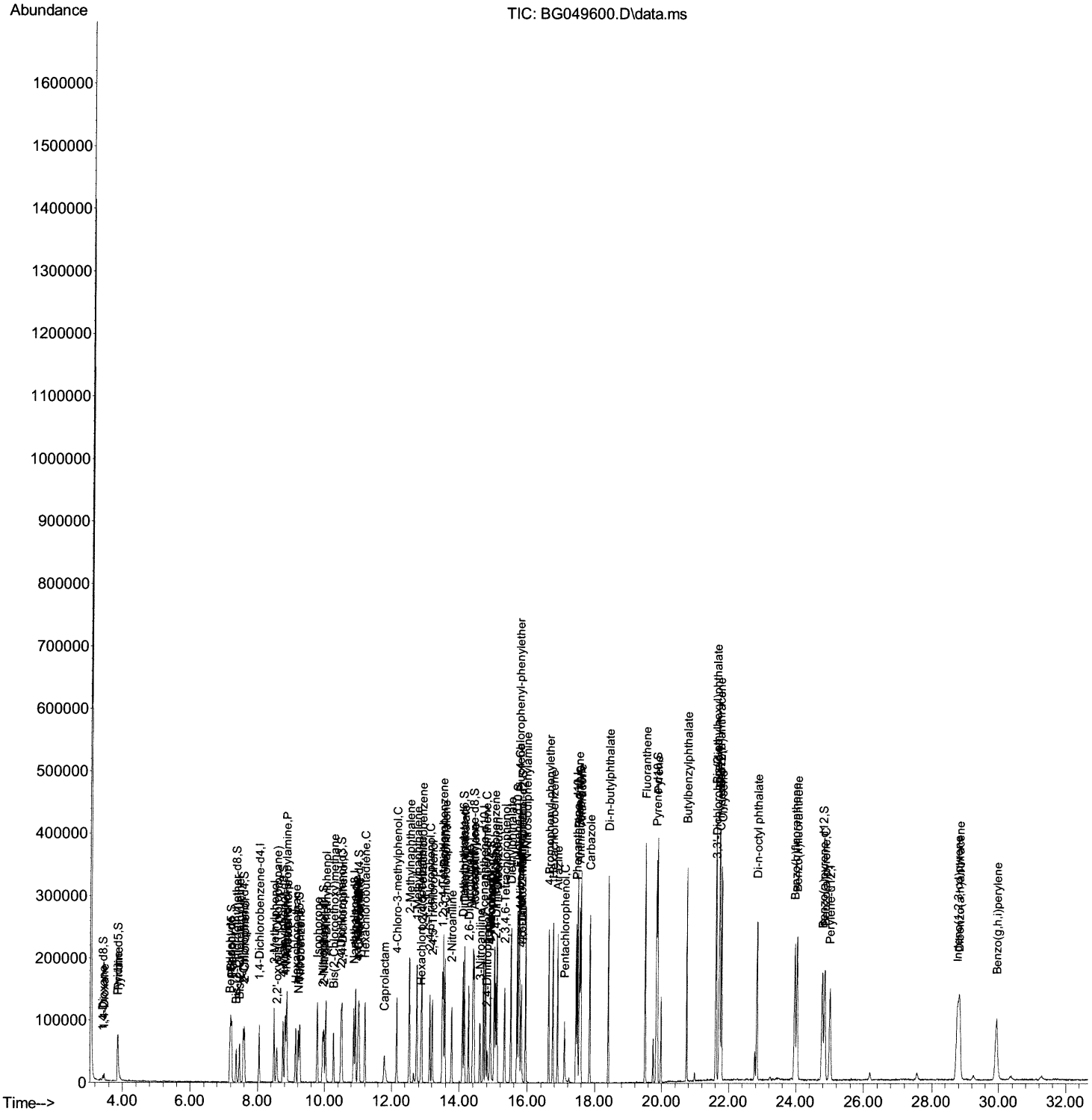
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
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BNA_G
LabSampleId :
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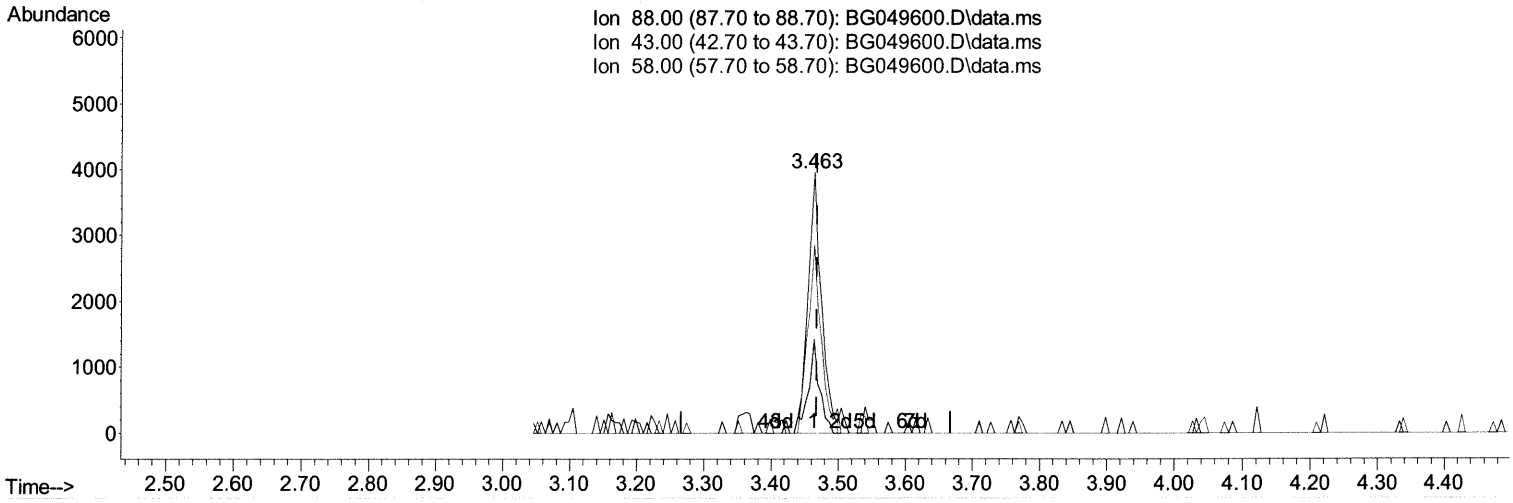
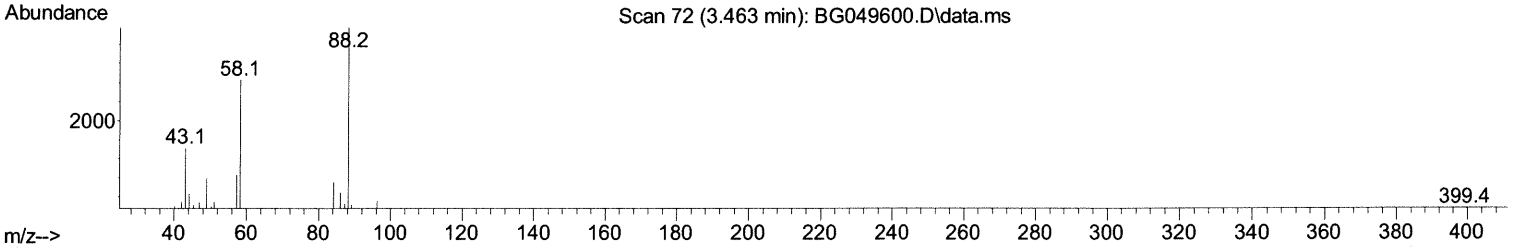
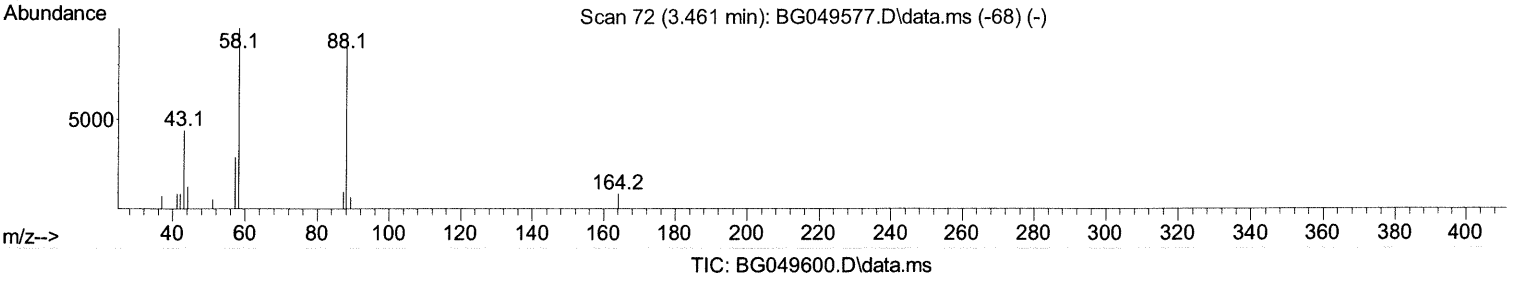
Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

(2) 1,4-Dioxane

3.463min (-0.004) 8.30 ng/uL

response 5559

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.90	36.00
58.00	71.00	72.30
0.00	0.00	0.00

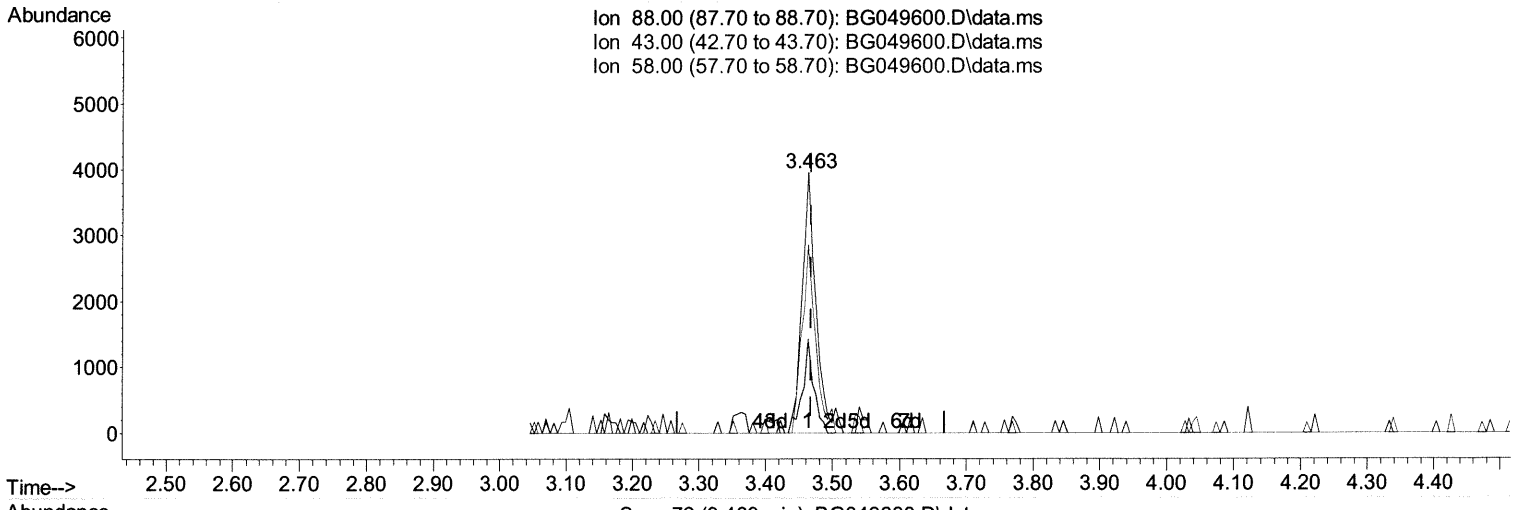
Quantitation Report (Qedit)

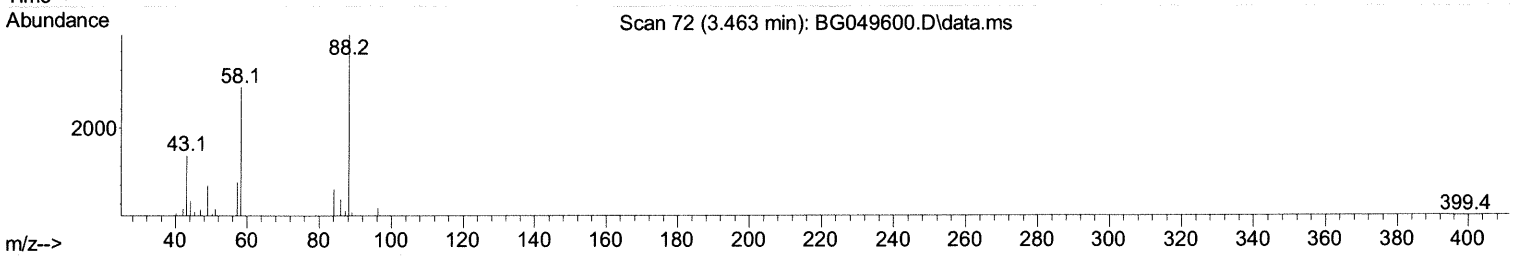
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

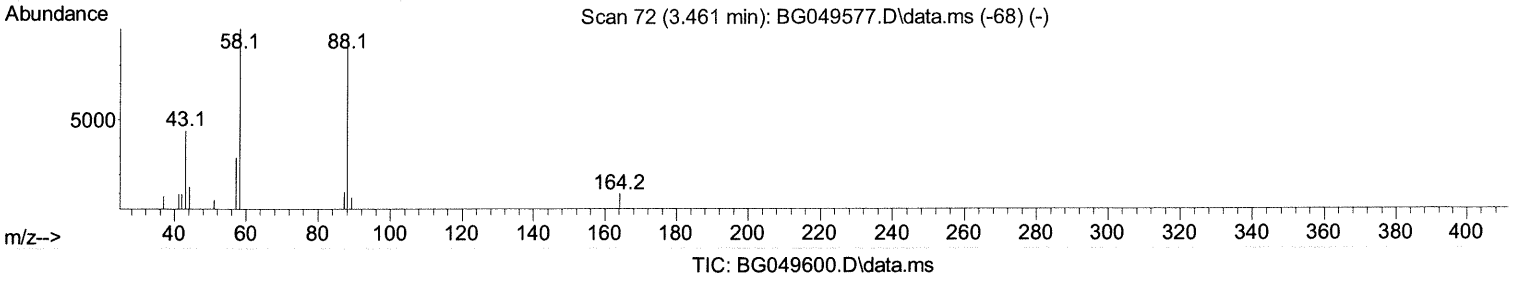
Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

(2) 1,4-Dioxane

3.463min (-0.004) 8.60 ng/uL m 08/06/21 JU

response 5758

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.90	36.00
58.00	71.00	72.30
0.00	0.00	0.00

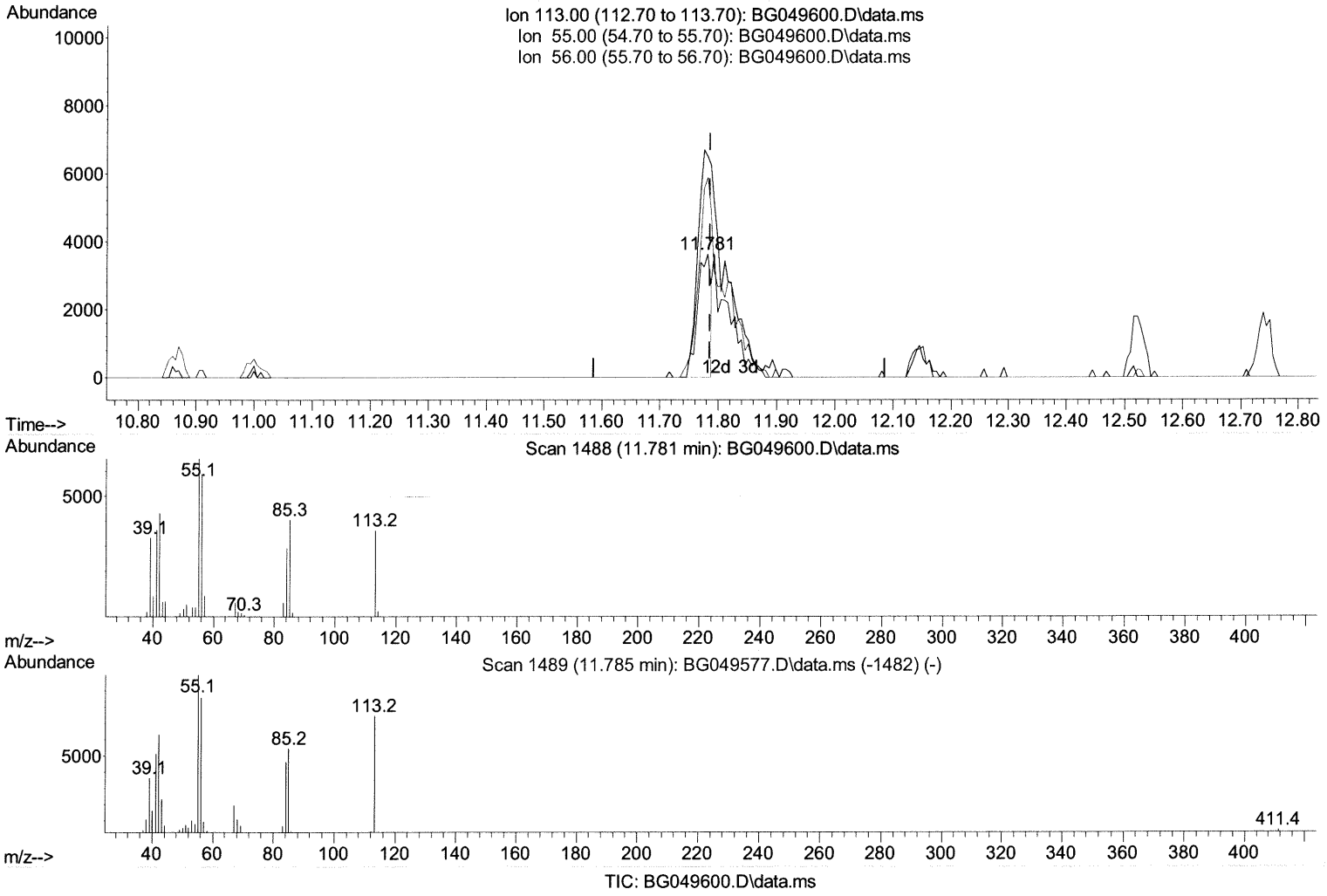
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM



TIC: BG049600.D\data.ms

(34) Caprolactam

11.781min (-0.004) 10.98 ng/ul

response 5783

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	179.13#
56.00	118.80	162.35#
0.00	0.00	0.00

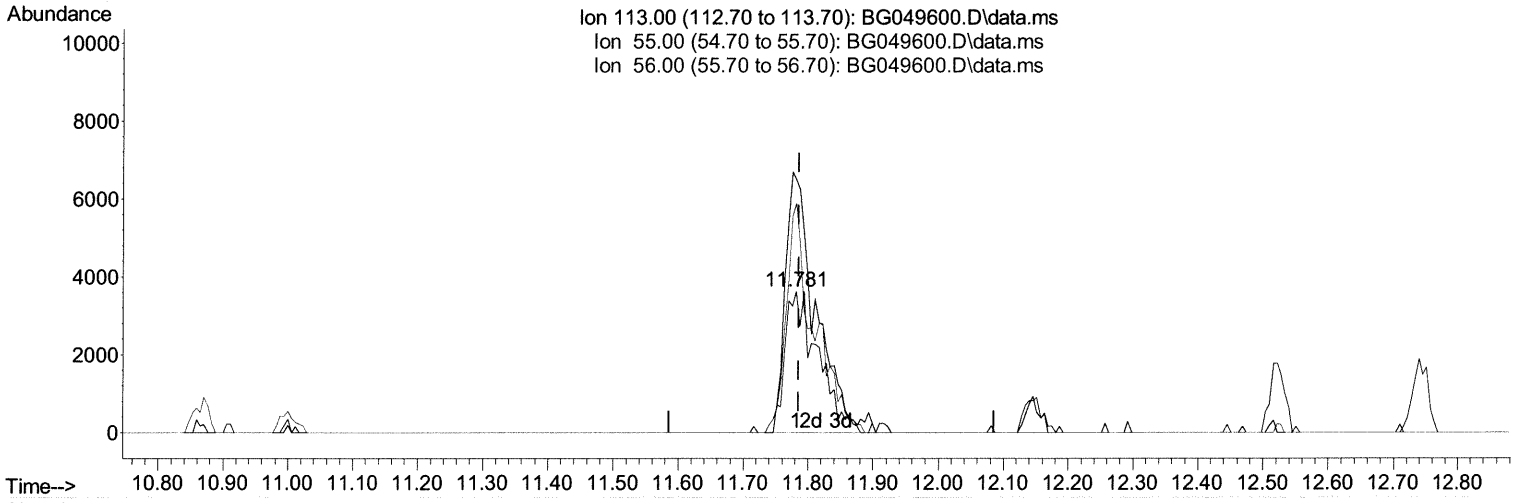
Quantitation Report (Qedit)

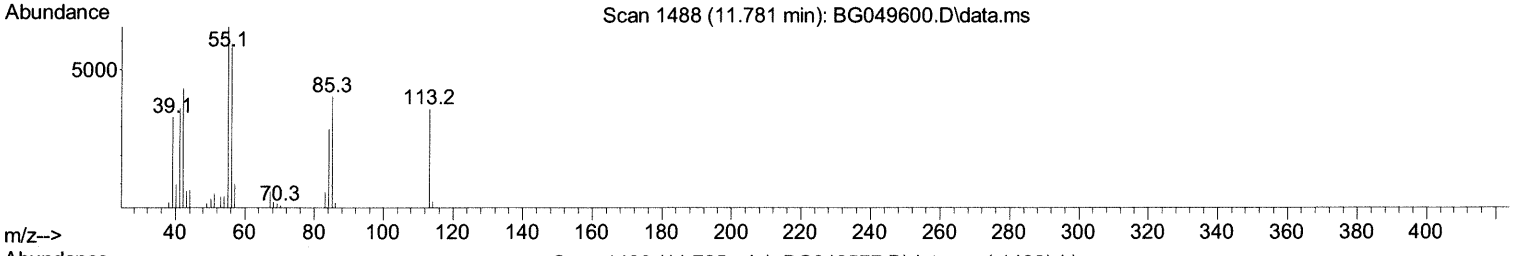
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

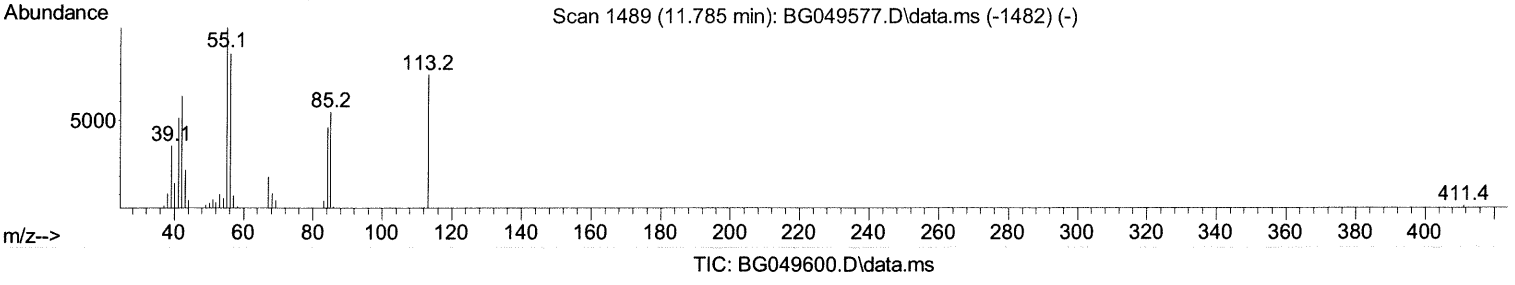
Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

(34) Caprolactam

11.781min (-0.004) 24.12 ng/ul m 08/06/21 JU

response 12709

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	179.13#
56.00	118.80	162.35#
0.00	0.00	0.00

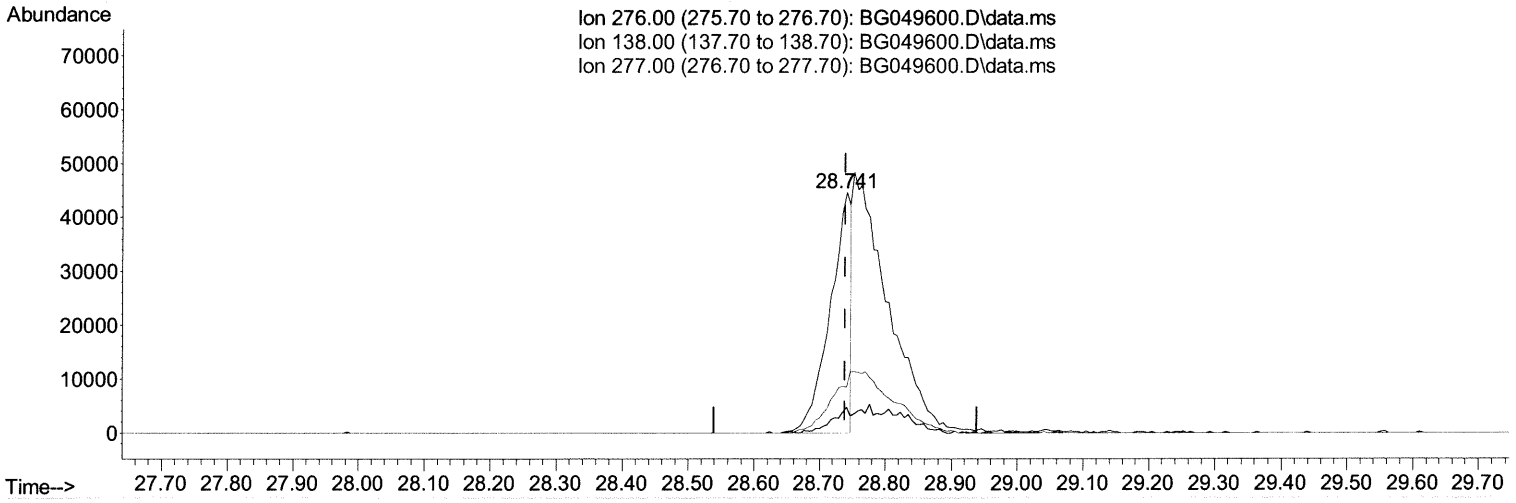
Quantitation Report (Qedit)

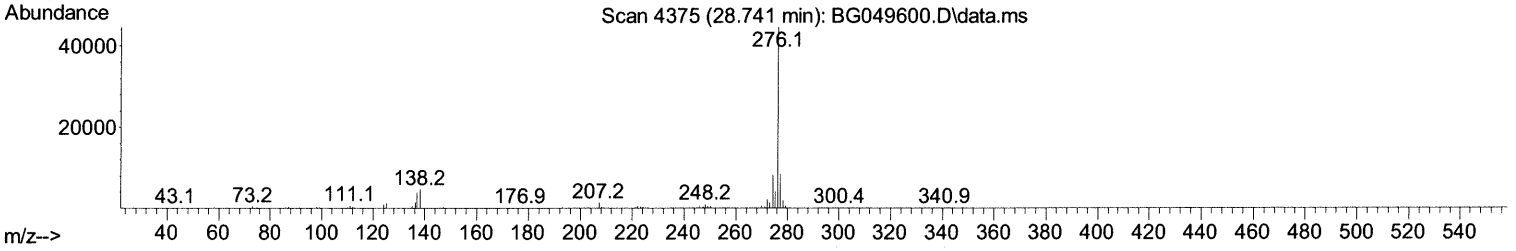
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

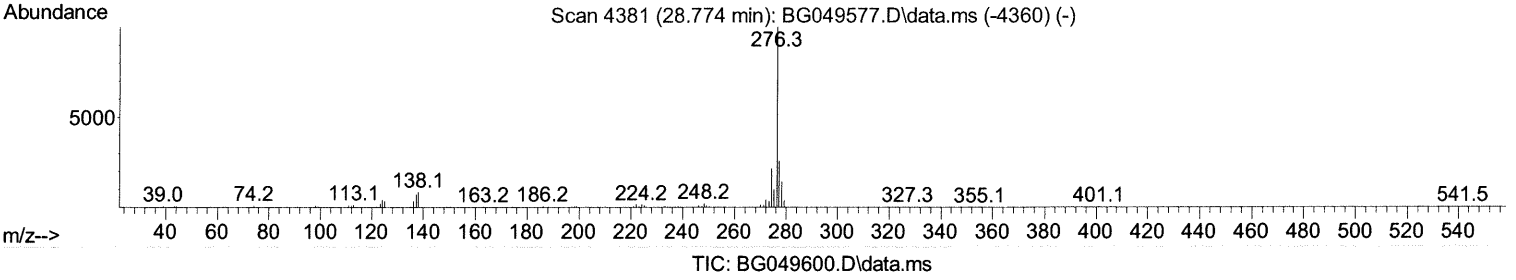
Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

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

28.741min (+ 0.002) 9.25 ng/ul

response 99886

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	10.76
277.00	24.00	19.12#
0.00	0.00	0.00

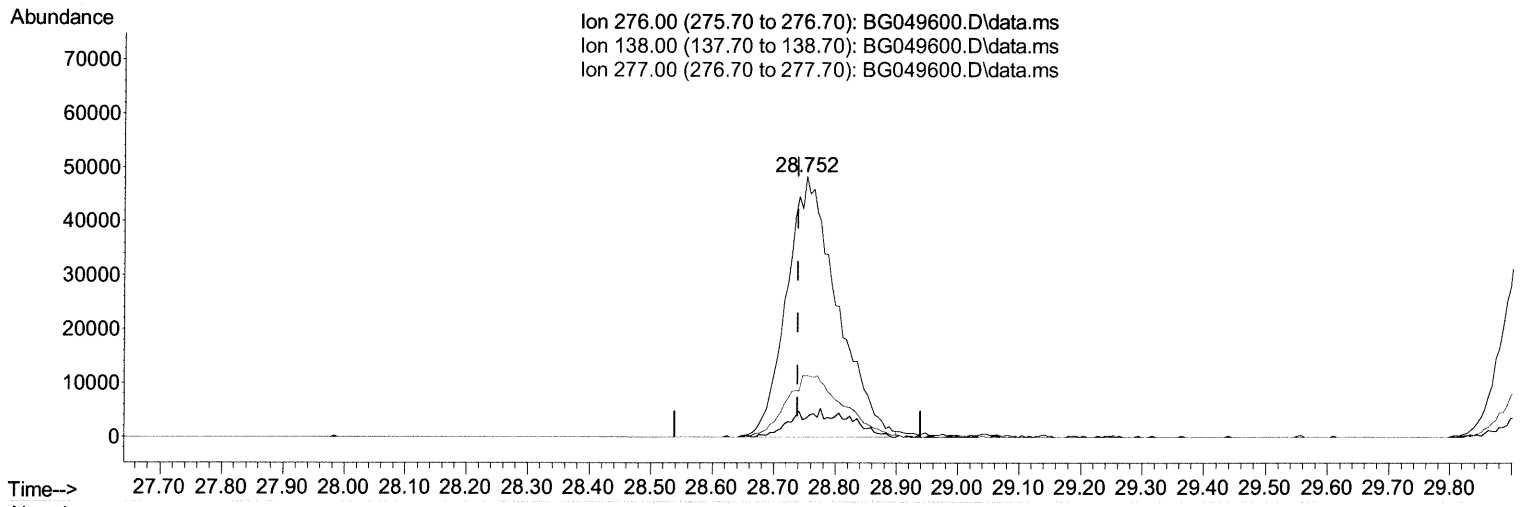
Quantitation Report (Qedit)

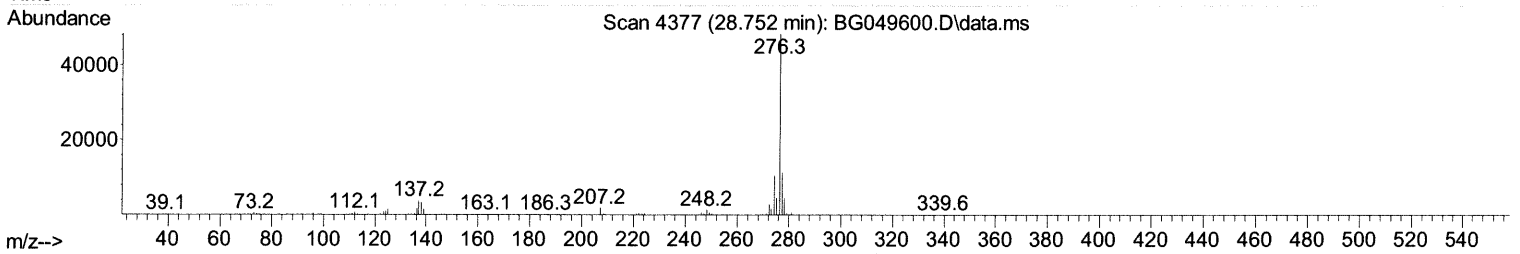
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

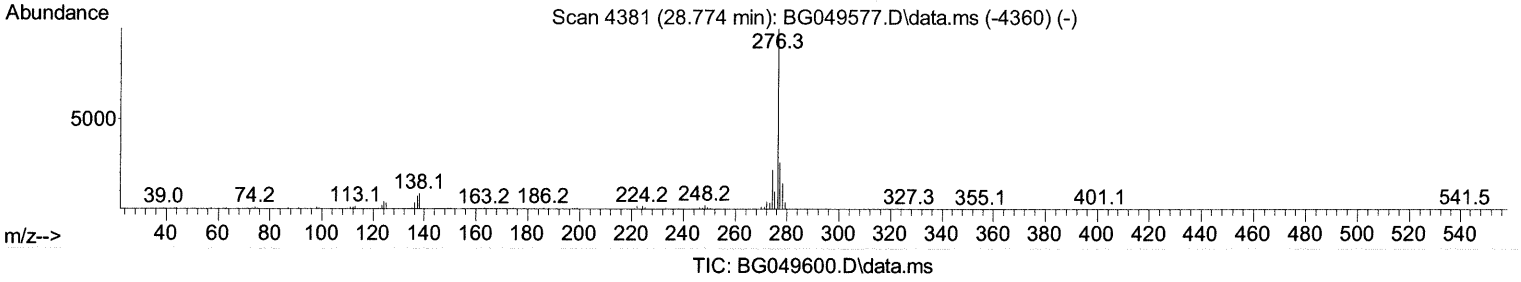
Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

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

28.752min (+ 0.013) 25.43 ng/ul m 08/06/21 JU

response 274706

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	7.24#
277.00	24.00	23.55
0.00	0.00	0.00

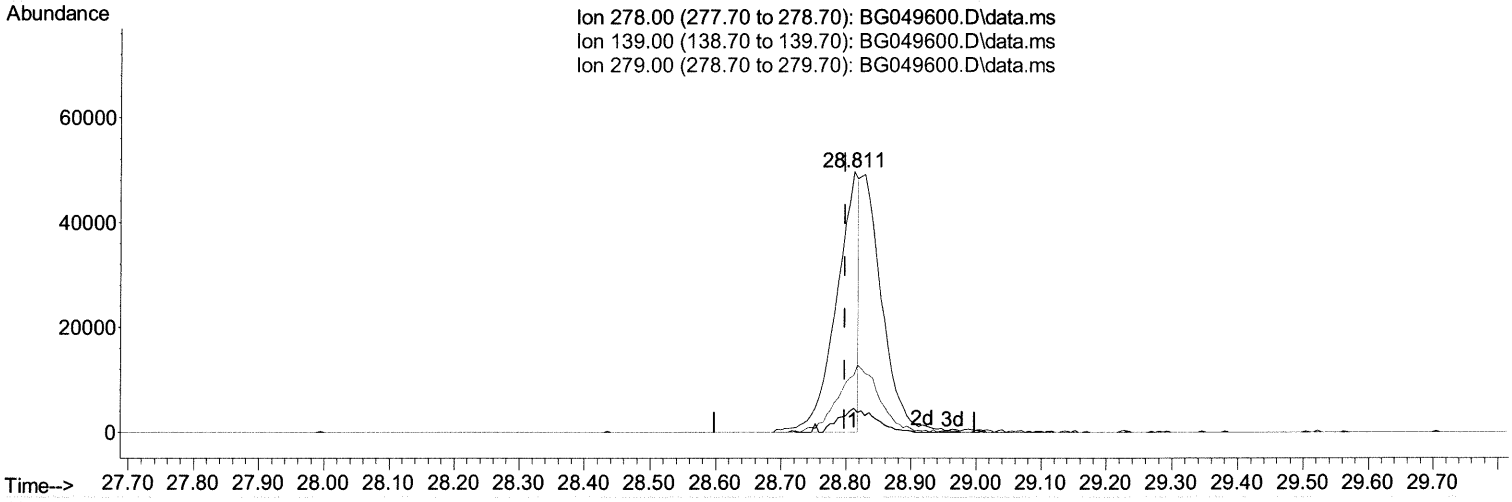
Quantitation Report (Qedit)

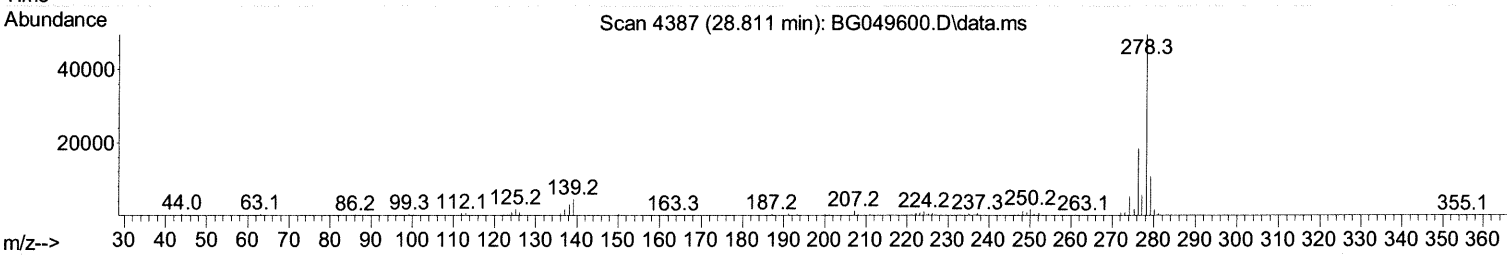
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

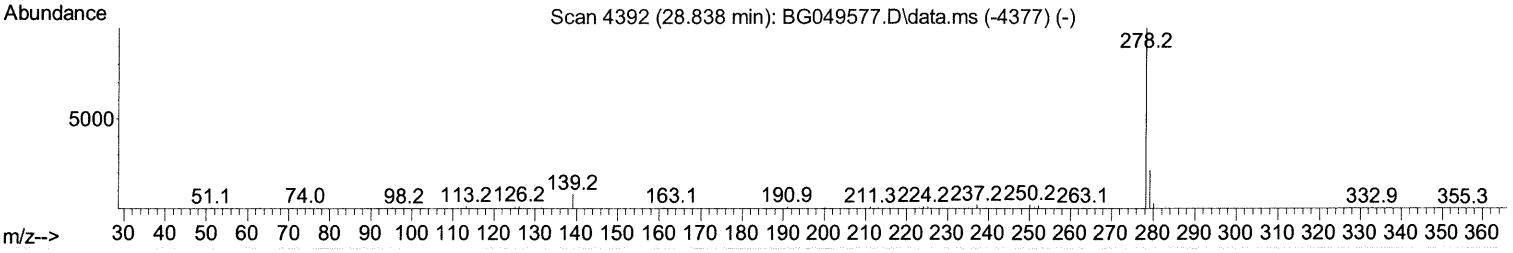
Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

(95) Dibenzo(a,h)anthracene

28.811min (+ 0.013) 13.07 ng/ul

response 116835

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	9.16
279.00	24.60	21.89
0.00	0.00	0.00

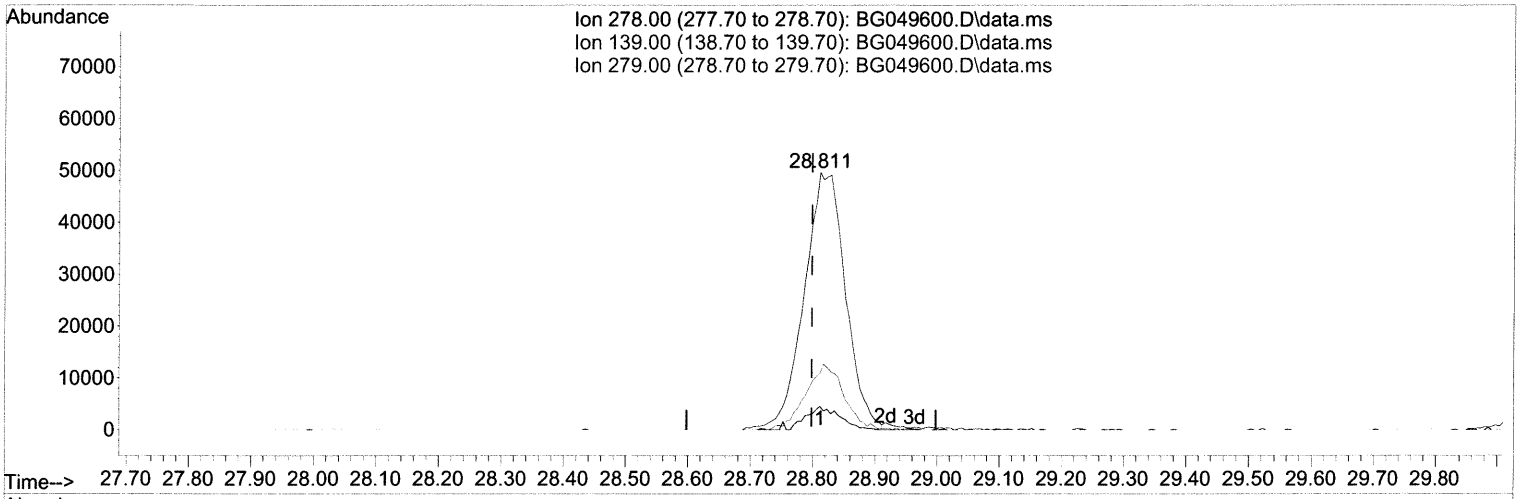
Quantitation Report (Qedit)

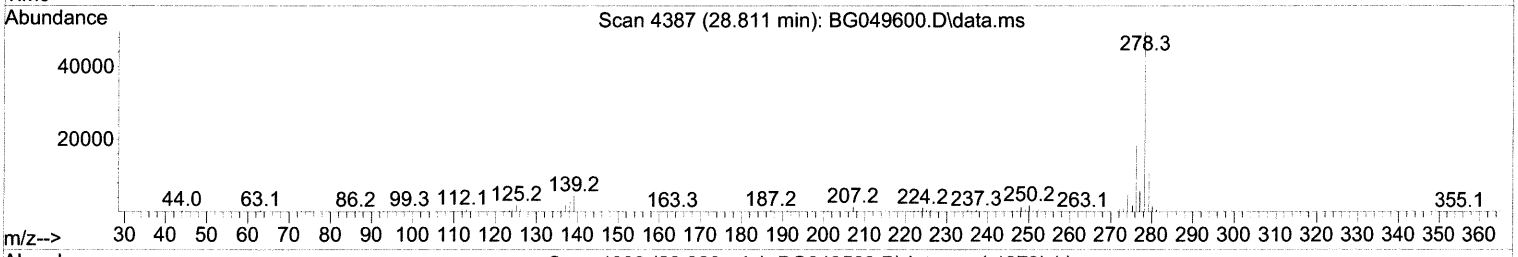
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

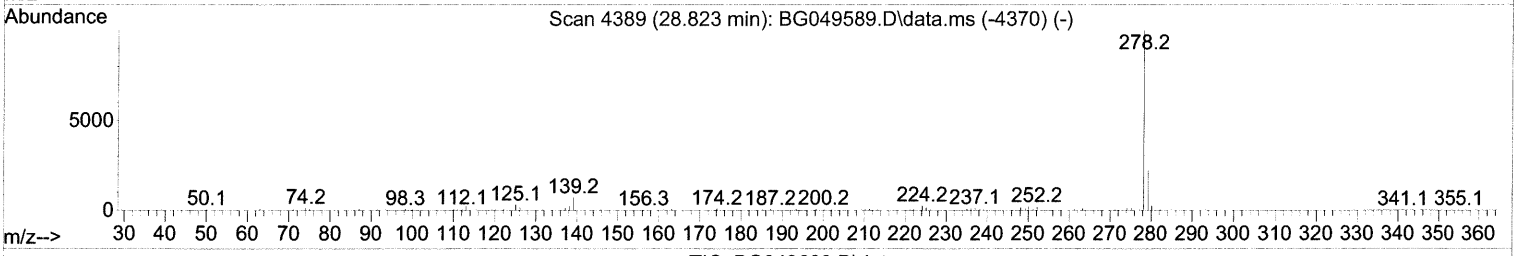
Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

(95) Dibenzo(a,h)anthracene

28.811min (+ 0.013) 25.50 ng/ul m 08/06/21 JU

response 227967

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	9.16
279.00	24.60	21.89
0.00	0.00	0.00

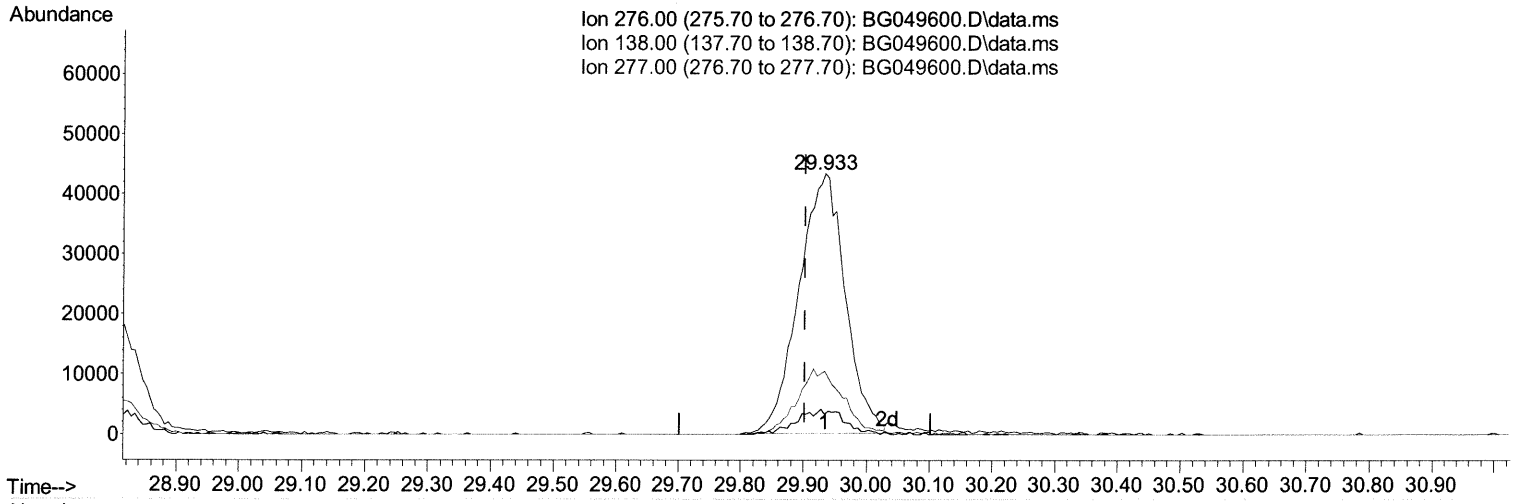
Quantitation Report (Qedit)

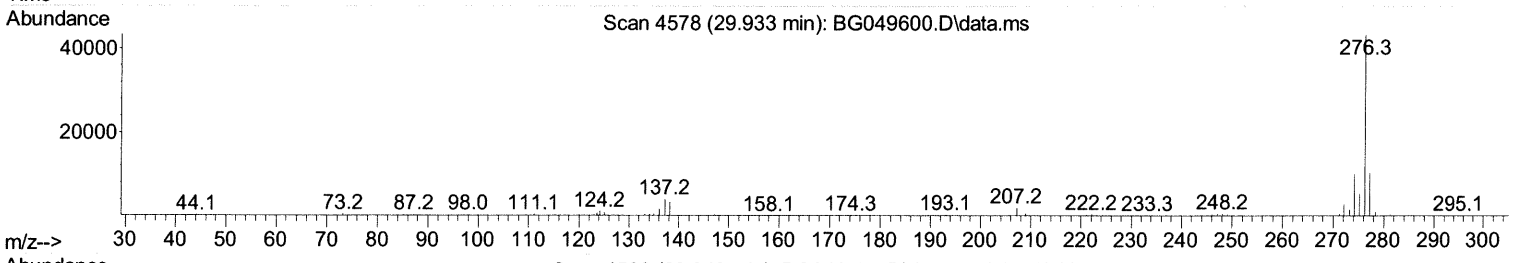
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

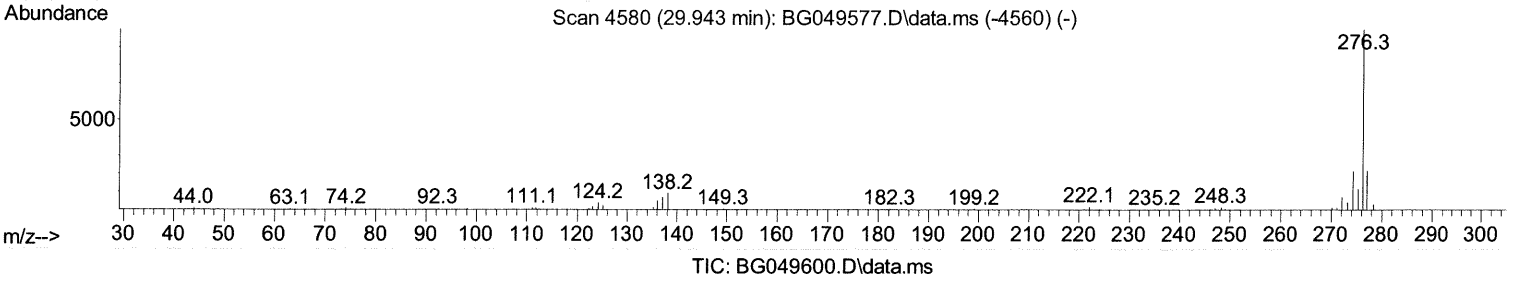
Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM







TIC: BG049600.D\data.ms

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

29.933min (+ 0.031) 24.56 ng/ul

response 220599

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	7.77#
277.00	25.80	24.10
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:46:34 PM

Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	22414	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.865	136	96703	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	70993	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	154952	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	148038	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	155710	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4279	8.734	ng/uL	-0.02
4) Pyridine-d5	3.851	84	33246	23.626	ng/ul	0.00
7) Phenol-d5	7.199	99	46877	23.638	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	27122	24.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	34905	24.555	ng/ul	0.00
15) 4-Methylphenol-d8	8.750	113	34645	23.177	ng/ul	0.00
21) Nitrobenzene-d5	9.220	128	18153	24.416	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	21199	24.332	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	38213	24.116	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	51699	23.411	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	121059	22.261	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	146463	23.188	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	19520	21.796	ng/ul	0.00
60) Fluorene-d10	15.688	176	111358	23.769	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	20603	21.457	ng/ul	0.00
73) Anthracene-d10	17.544	188	175068	24.309	ng/ul	0.00
81) Pyrene-d10	19.829	212	190124	25.117	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.781	264	199036	24.320	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	5758m	8.599	ng/uL	> 08/06/21 JU
5) Pyridine	3.868	79	35618	23.663	ng/ul	88
6) Benzaldehyde	7.176	77	22396	18.926	ng/ul	92
8) Phenol	7.229	94	48837	25.210	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.458	93	32408	24.283	ng/ul	91
12) 2-Chlorophenol	7.604	128	34859	25.472	ng/ul	96
13) 2-Methylphenol	8.486	108	36566	24.766	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.574	45	36480	23.325	ng/ul	96
16) Acetophenone	8.873	105	62204	25.856	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.850	70	30794	24.823	ng/ul#	98
18) 4-Methylphenol	8.820	108	38264	24.635	ng/ul	88
19) Hexachloroethane	9.132	117	15966	25.897	ng/ul	86
22) Nitrobenzene	9.255	77	54163	24.399	ng/ul	97
23) Isophorone	9.778	82	92500	24.867	ng/ul	98
25) 2-Nitrophenol	9.972	139	20668	25.207	ng/ul	88
26) 2,4-Dimethylphenol	10.031	107	47837	24.481	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.266	93	44125	23.784	ng/ul	97
29) 2,4-Dichlorophenol	10.512	162	36560	23.602	ng/ul	96
30) Naphthalene	10.918	128	120029	24.097	ng/ul#	97
32) 4-Chloroaniline	11.023	127	50018	23.811	ng/ul#	81
33) Hexachlorobutadiene	11.200	225	28811	24.328	ng/ul	91
34) Caprolactam	11.781	113	12709m	24.124	ng/ul	> 08/06/21 JU
35) 4-Chloro-3-methylphenol	12.145	107	44777	25.692	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049600.D
Acq On : 31 Jul 2021 7:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 31 08:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.521	142	92135	25.272	ng/ul	98
37) 1-Methylnaphthalene	12.745	142	85561	23.225	ng/ul#	89
39) 1,2,4,5-Tetrachloroben...	12.891	216	49860	23.630	ng/ul	95
40) Hexachlorocyclopentadiene	12.868	237	18206	14.320	ng/ul	87
41) 2,4,6-Trichlorophenol	13.126	196	31845	24.559	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.203	196	33501	24.192	ng/ul	93
43) 1,1'-Biphenyl	13.526	154	116916	23.127	ng/ul#	99
44) 2-Chloronaphthalene	13.573	162	97230	24.716	ng/ul#	91
45) 2-Nitroaniline	13.773	65	35237	25.240	ng/ul	93
47) Dimethylphthalate	14.143	163	126808	23.978	ng/ul	98
48) 2,6-Dinitrotoluene	14.266	165	25955	24.592	ng/ul	95
50) Acenaphthylene	14.419	152	146047	24.212	ng/ul#	92
51) 3-Nitroaniline	14.601	138	21433	20.361	ng/ul	98
52) Acenaphthene	14.759	153	104744	24.211	ng/ul	98
53) 2,4-Dinitrophenol	14.806	184	11255	21.404	ng/ul#	77
55) 4-Nitrophenol	14.906	109	27566	22.700	ng/ul	96
56) Dibenzofuran	15.094	168	142975	24.475	ng/ul	98
57) 2,4-Dinitrotoluene	15.053	165	39803	26.605	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.323	232	32463	25.833	ng/ul	98
59) Diethylphthalate	15.506	149	129815	23.718	ng/ul	98
61) Fluorene	15.746	166	123330	24.869	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.735	204	65921	25.536	ng/ul	95
63) 4-Nitroaniline	15.758	138	19345	18.533	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.823	198	21994	24.883	ng/ul#	90
67) N-Nitrosodiphenylamine	15.946	169	101501	24.995	ng/ul	96
68) 4-Bromophenyl-phenylether	16.628	248	43924	25.458	ng/ul	94
69) Hexachlorobenzene	16.751	284	51170	26.213	ng/ul	98
70) Atrazine	16.892	200	45624	24.599	ng/ul	92
71) Pentachlorophenol	17.103	266	20564	22.751	ng/ul	91
72) Phenanthrene	17.491	178	199839	24.773	ng/ul	98
74) Anthracene	17.579	178	203138	24.850	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.496	216	50749	24.103	ng/uL	97
76) Pentachlorobenzene	15.018	250	55600	24.958	ng/uL	98
77) Carbazole	17.849	167	170441	23.322	ng/ul	94
78) Di-n-butylphthalate	18.402	149	218780	24.073	ng/ul	98
80) Fluoranthene	19.500	202	241750	26.302	ng/ul	100
82) Pyrene	19.858	202	239171	26.209	ng/ul	99
83) Butylbenzylphthalate	20.740	149	93264	26.251	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.621	252	79075	23.247	ng/ul	92
85) Benzo(a)anthracene	21.709	228	233355	25.782	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.603	149	132825	25.191	ng/ul	97
87) Chrysene	21.774	228	216732	25.018	ng/ul	97
89) Di-n-octyl phthalate	22.837	149	226311	24.725	ng/ul	100
90) Benzo(b)fluoranthene	23.959	252	236408	24.223	ng/ul	99
91) Benzo(k)fluoranthene	24.029	252	235490	24.655	ng/ul	99
93) Benzo(a)pyrene	24.852	252	215456	25.447	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.752	276	274706m	25.428	ng/ul	
95) Dibenzo(a,h)anthracene	28.811	278	227967m	25.500	ng/ul	
96) Benzo(g,h,i)perylene	29.933	276	220599	24.561	ng/ul#	93

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

Instrument :
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LabSampleId :
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