

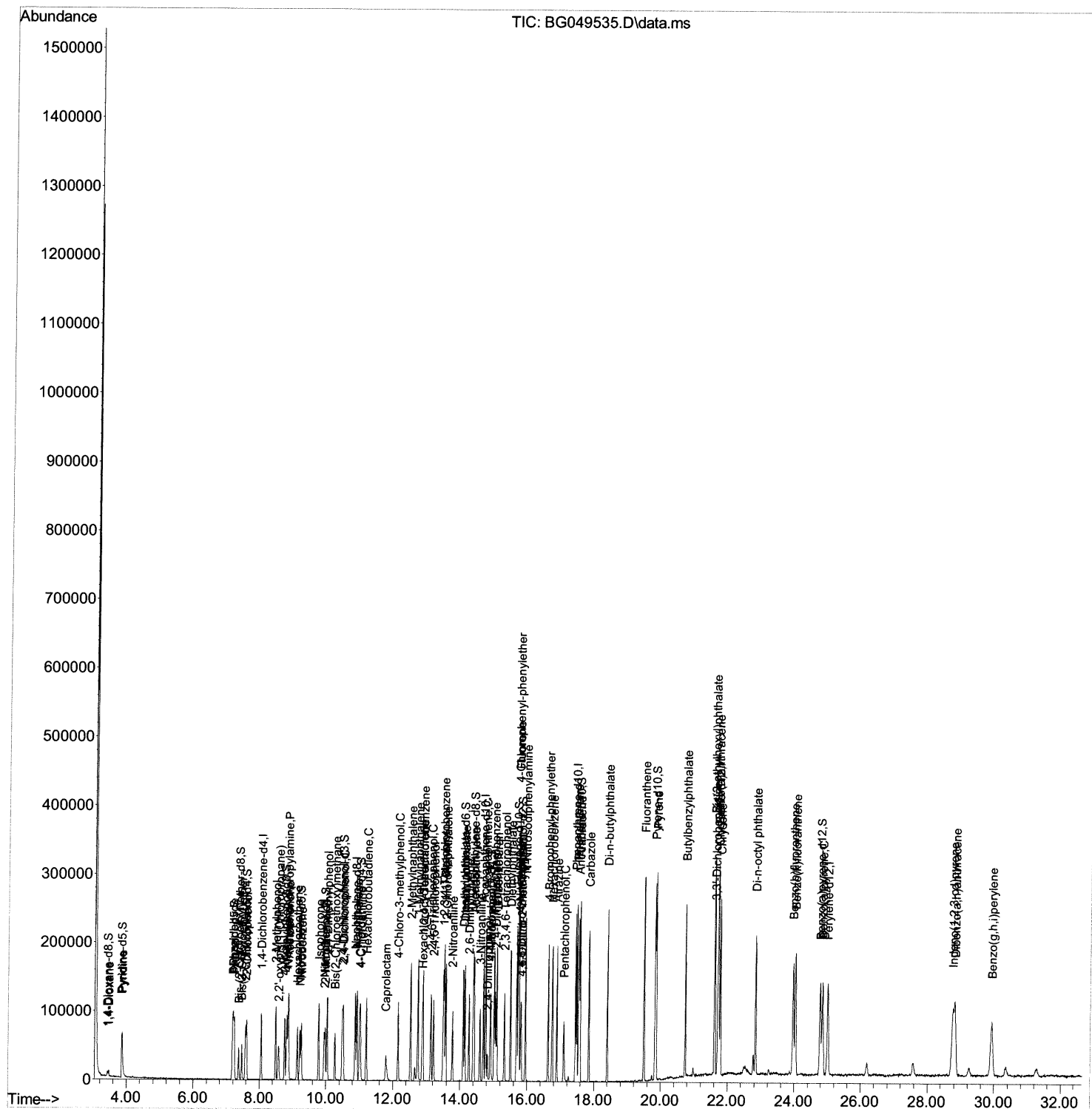
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049535.D
Acq On : 28 Jul 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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



Quantitation Report (Qedit)

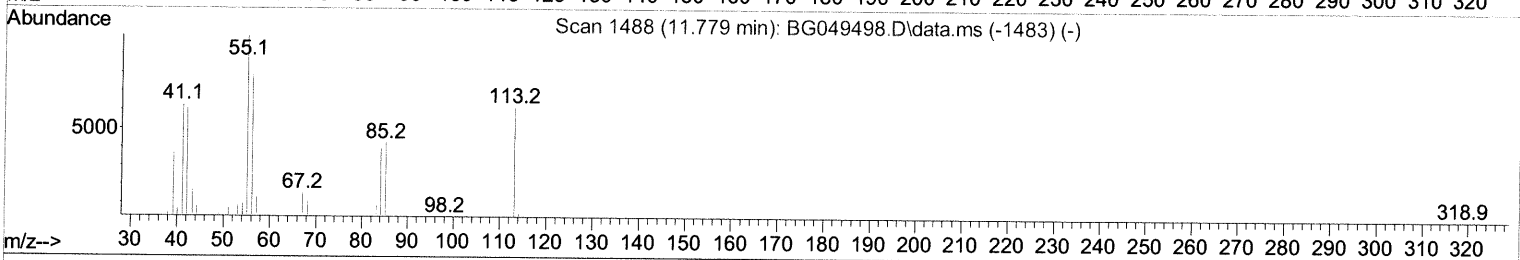
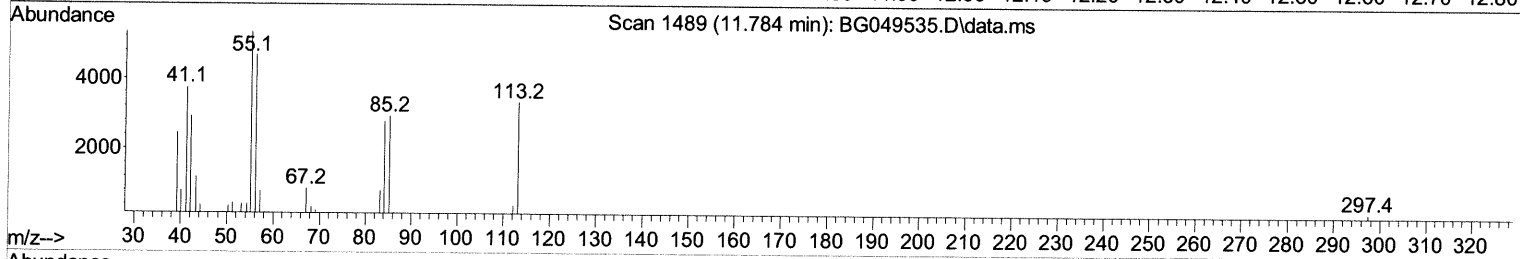
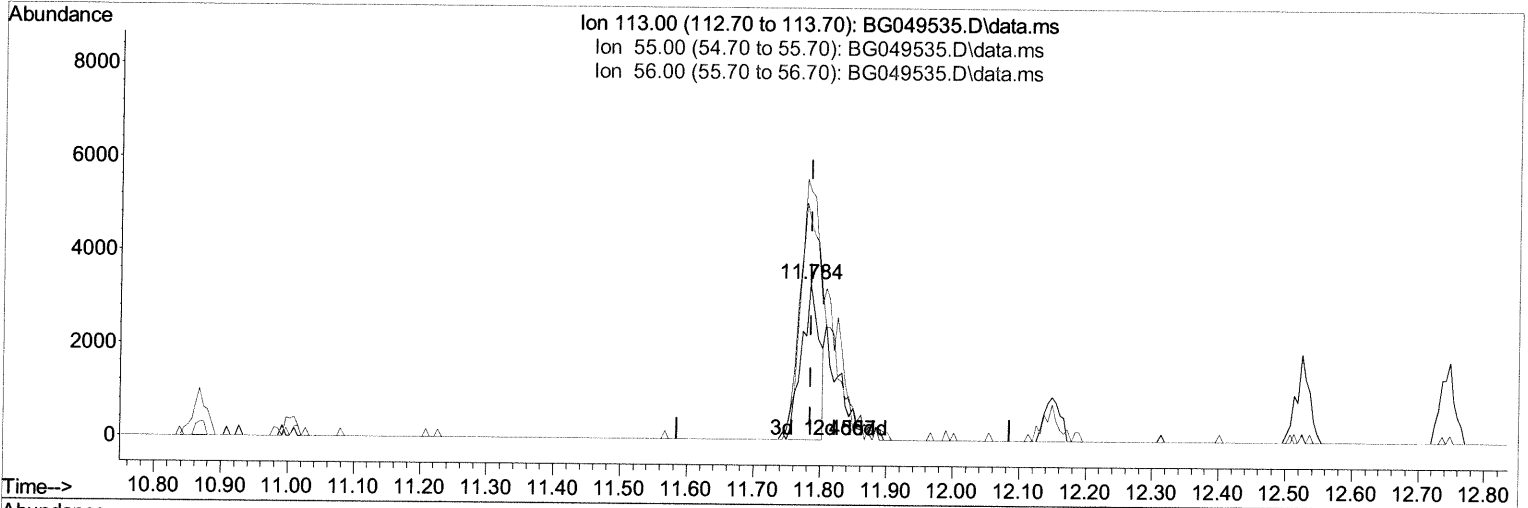
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
 Data File : BG049535.D
 Acq On : 28 Jul 2021 16:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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



TIC: BG049535.D\data.ms

(34) Caprolactam

11.784min (-0.001) 11.18 ng/ul

response 6063

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	159.31
56.00	118.80	139.77
0.00	0.00	0.00

Quantitation Report (Qedit)

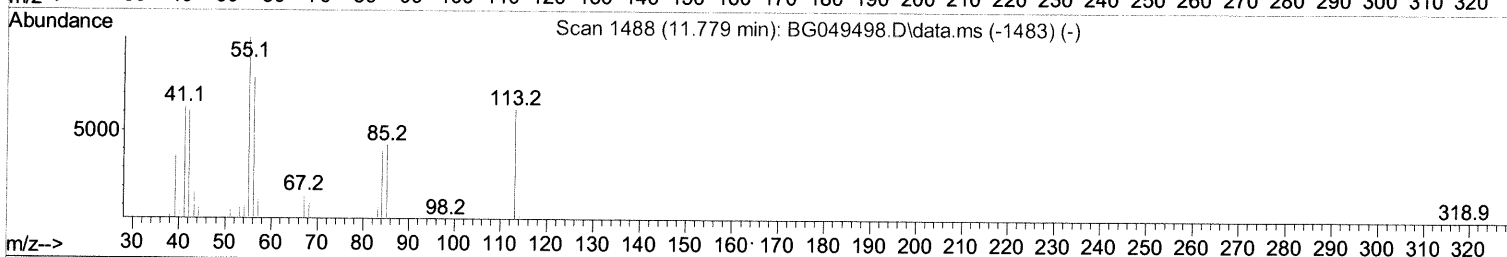
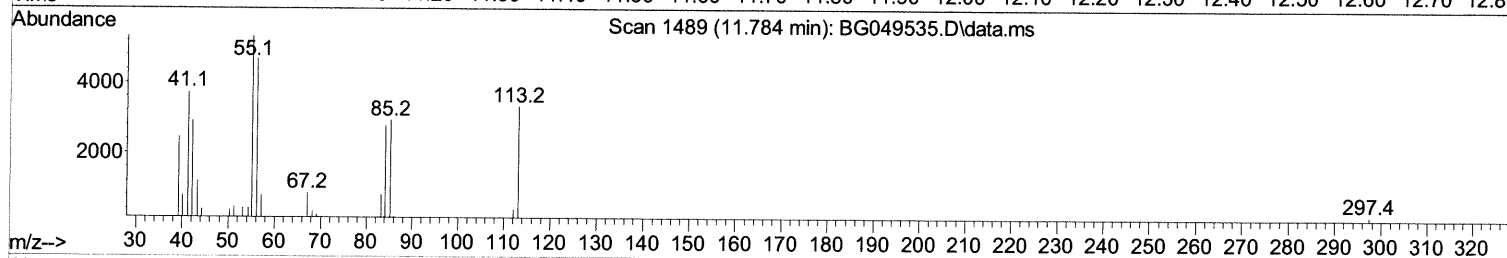
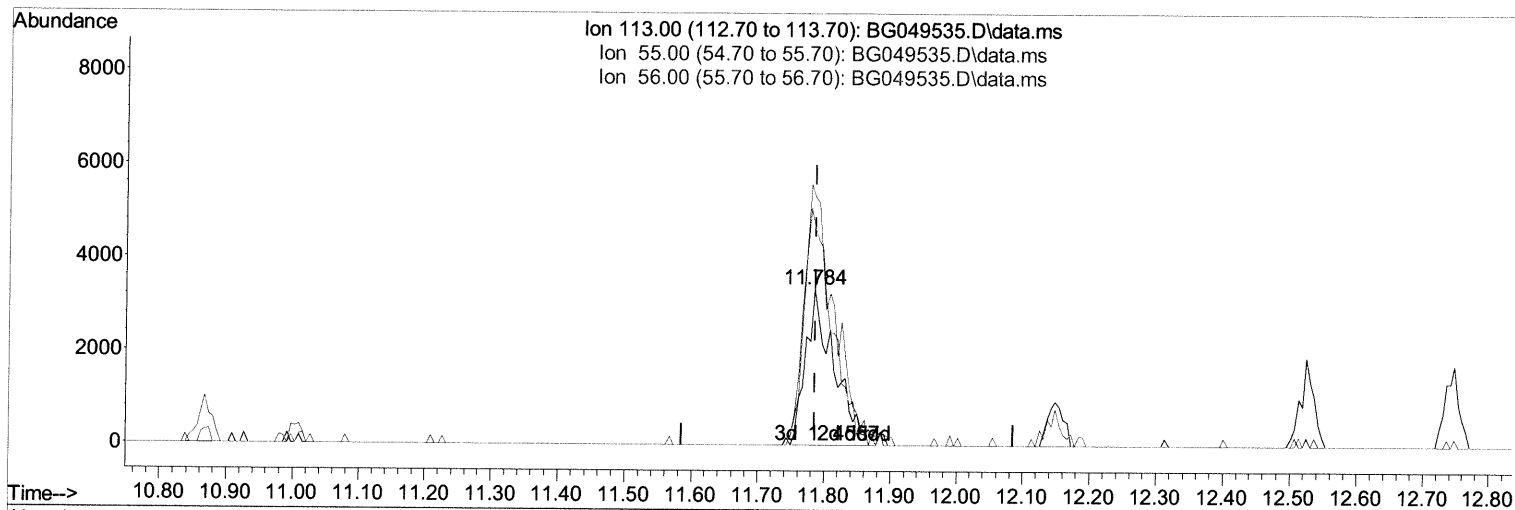
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049535.D
Acq On : 28 Jul 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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



TIC: BG049535.D\data.ms

(34) Caprolactam

11.784min (-0.001) 18.30 ng/ul m 07/30/21 JU

response 9923

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	159.31
56.00	118.80	139.77
0.00	0.00	0.00

Quantitation Report (Qedit)

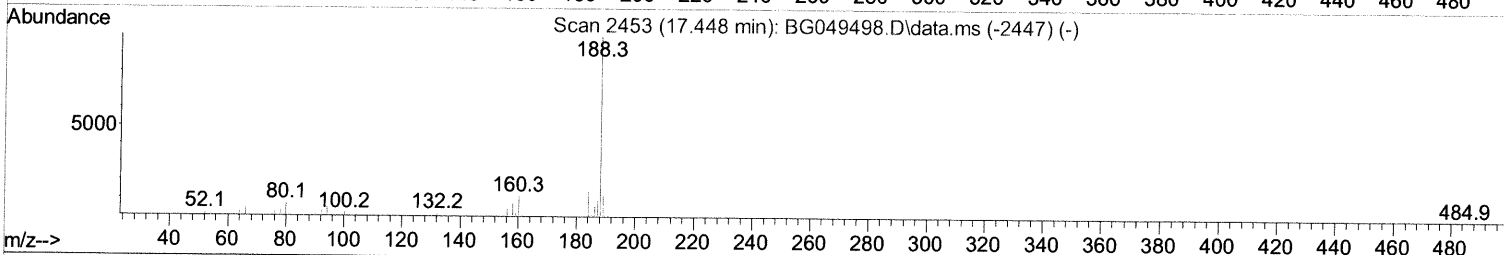
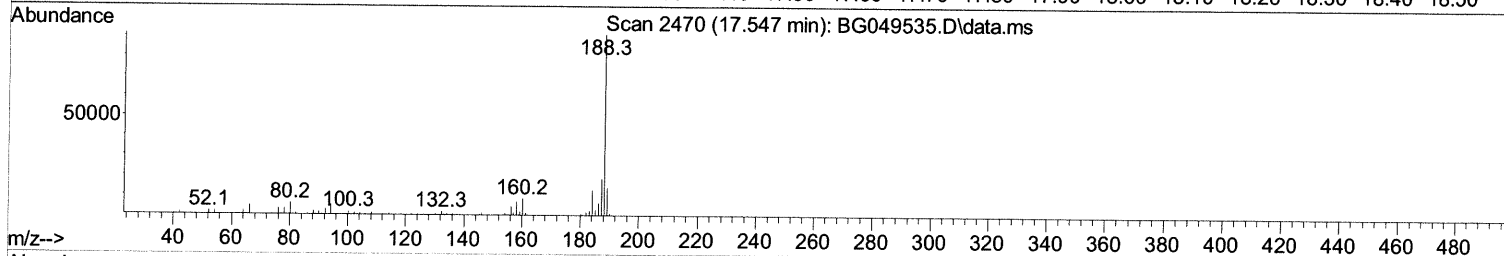
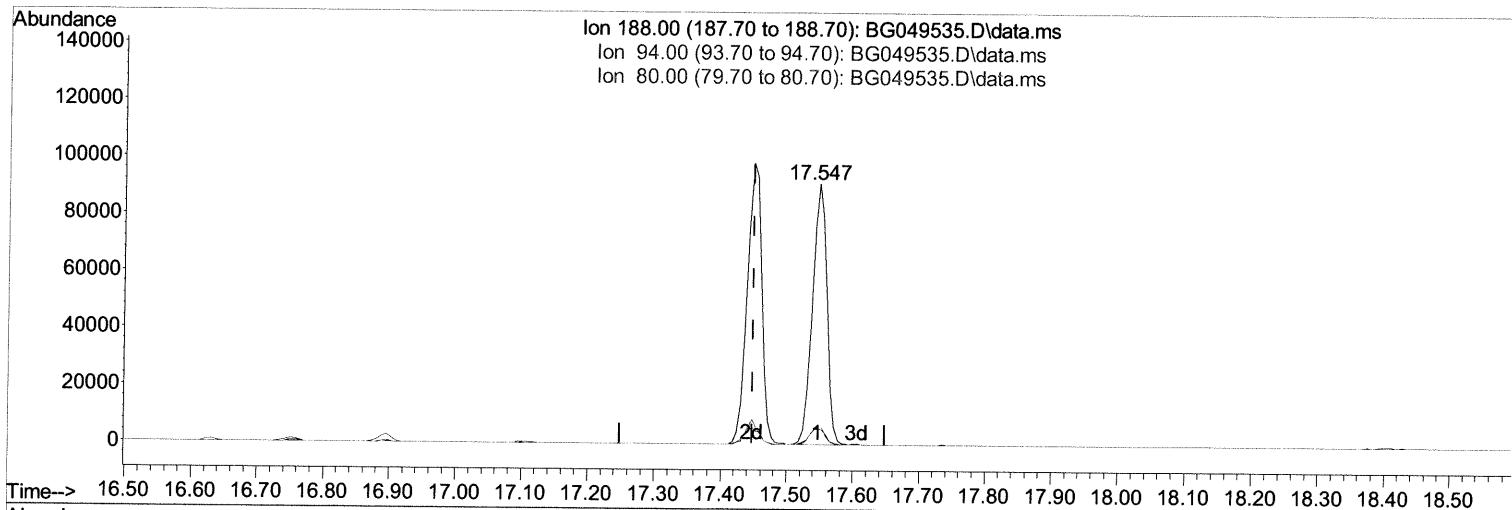
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049535.D
Acq On : 28 Jul 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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



TIC: BG049535.D\data.ms

(64) Phenanthrene-d10 (I)

17.547min (+ 0.099) 20.00 ng/ul

response 136459

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	6.08
80.00	7.00	6.57
0.00	0.00	0.00

Quantitation Report (Qedit)

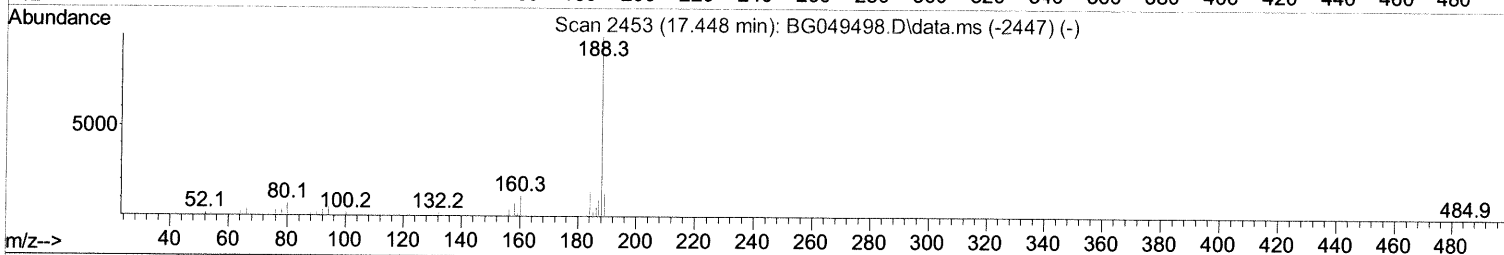
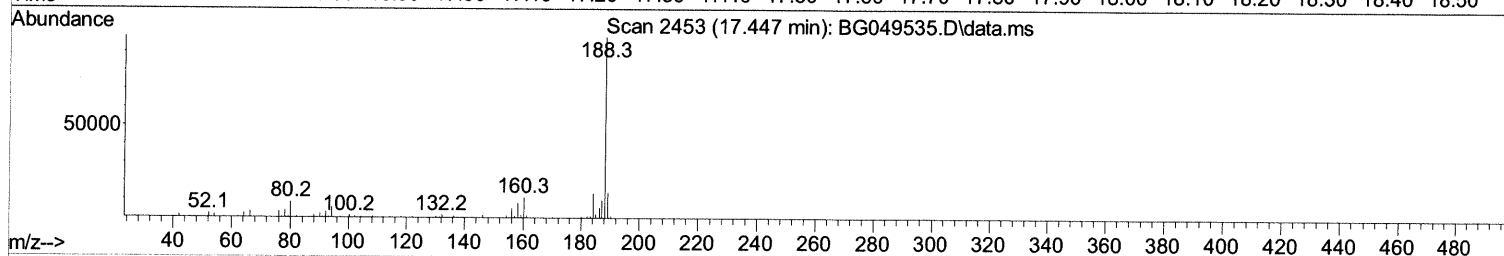
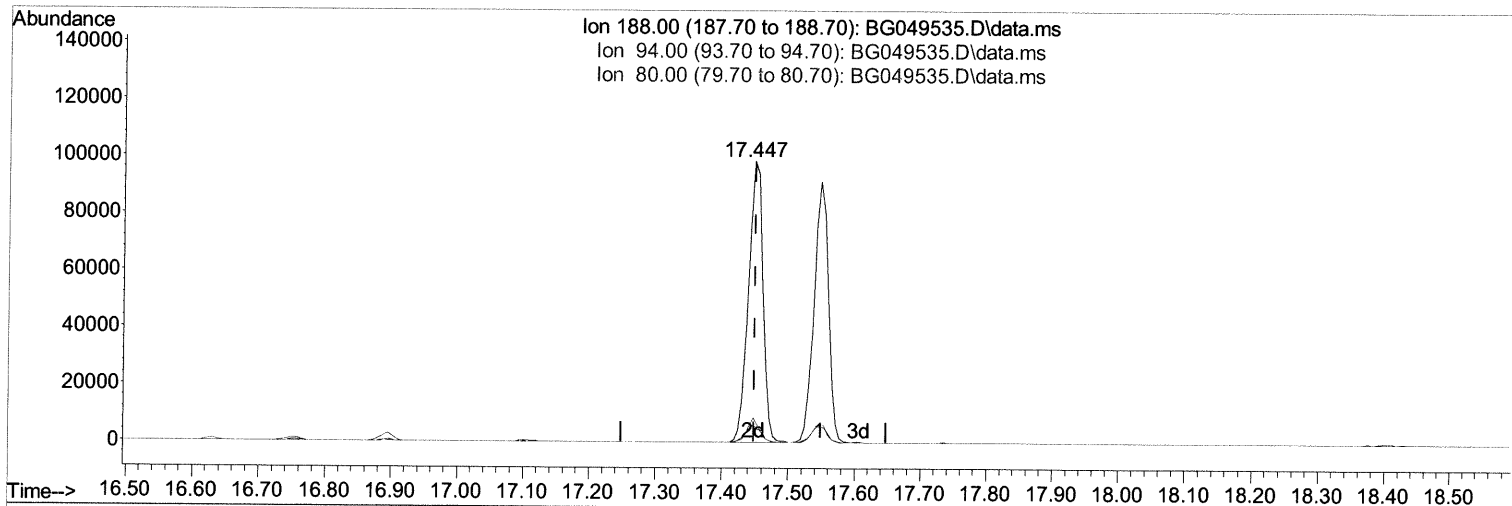
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049535.D
Acq On : 28 Jul 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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



TIC: BG049535.D\data.ms

(64) Phenanthrene-d10 (I)

17.447min (-0.001) 20.00 ng/ul m 07/30/21 JU

response 147840

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.95
80.00	7.00	8.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

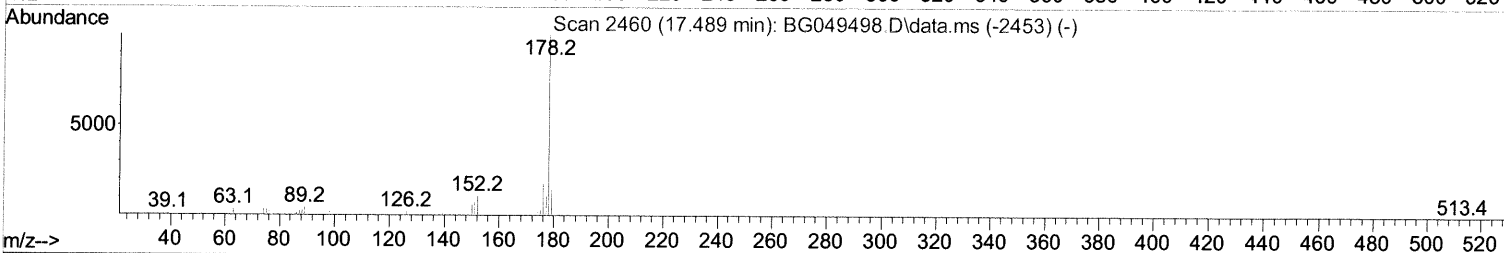
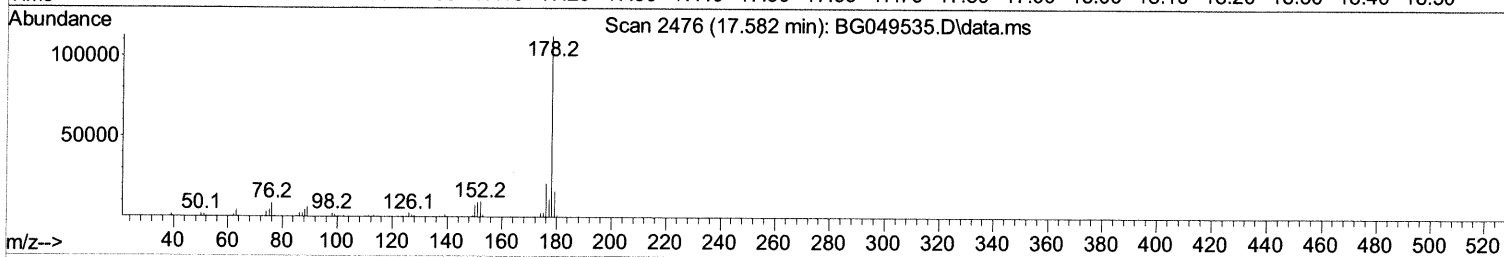
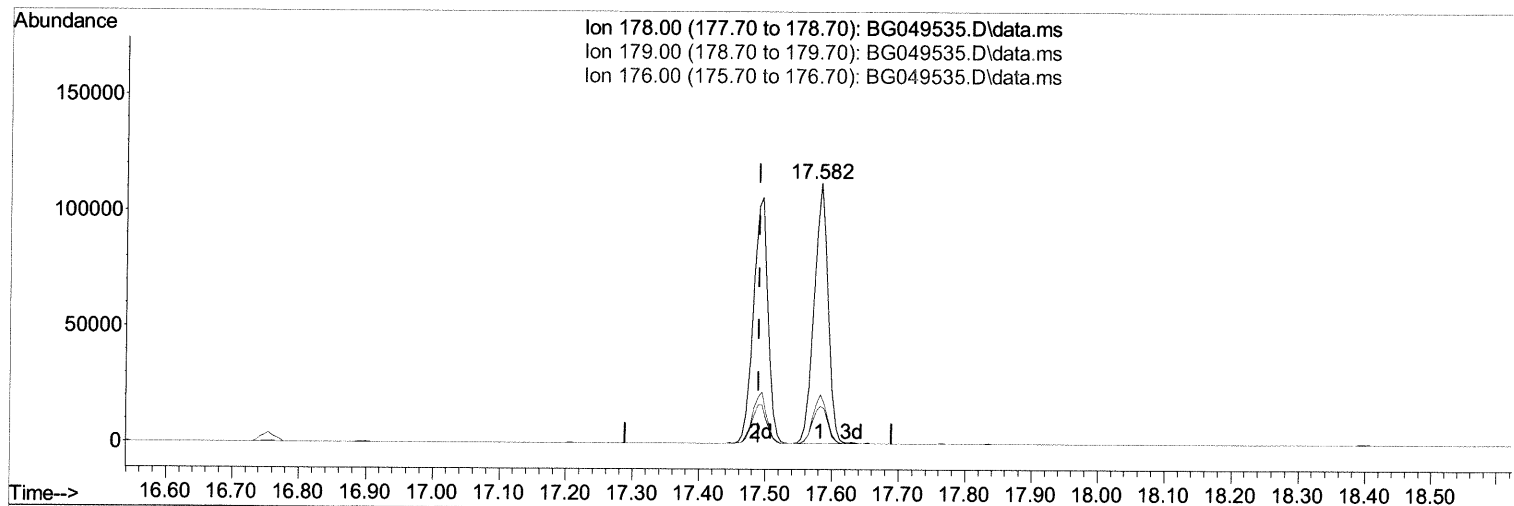
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049535.D
Acq On : 28 Jul 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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



TIC: BG049535.D\data.ms

(72) Phenanthrene

17.582min (+ 0.093) 21.30 ng/ul

response 163936

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	14.35
176.00	18.80	18.83
0.00	0.00	0.00

Quantitation Report (Qedit)

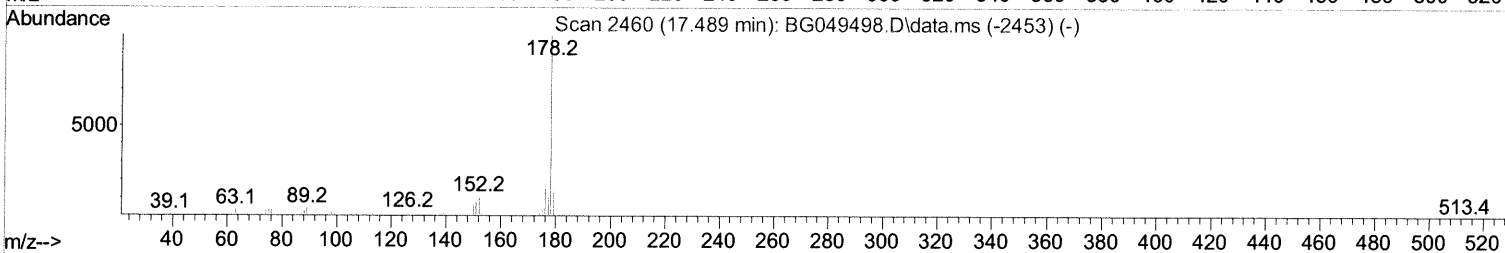
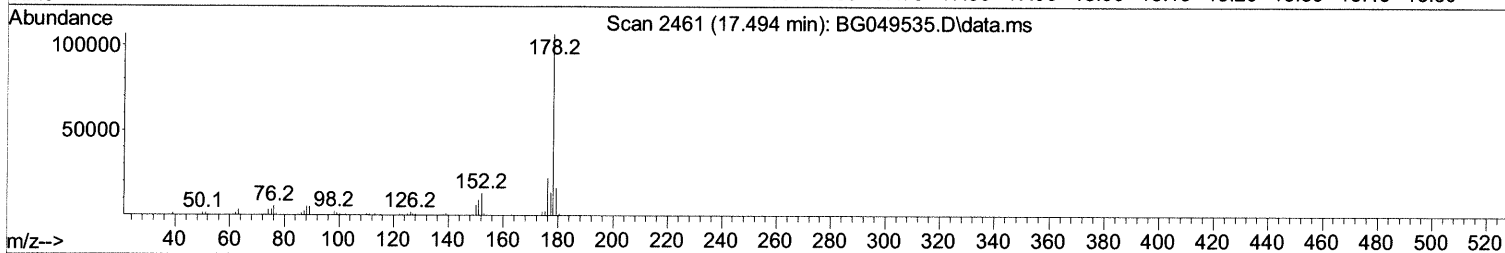
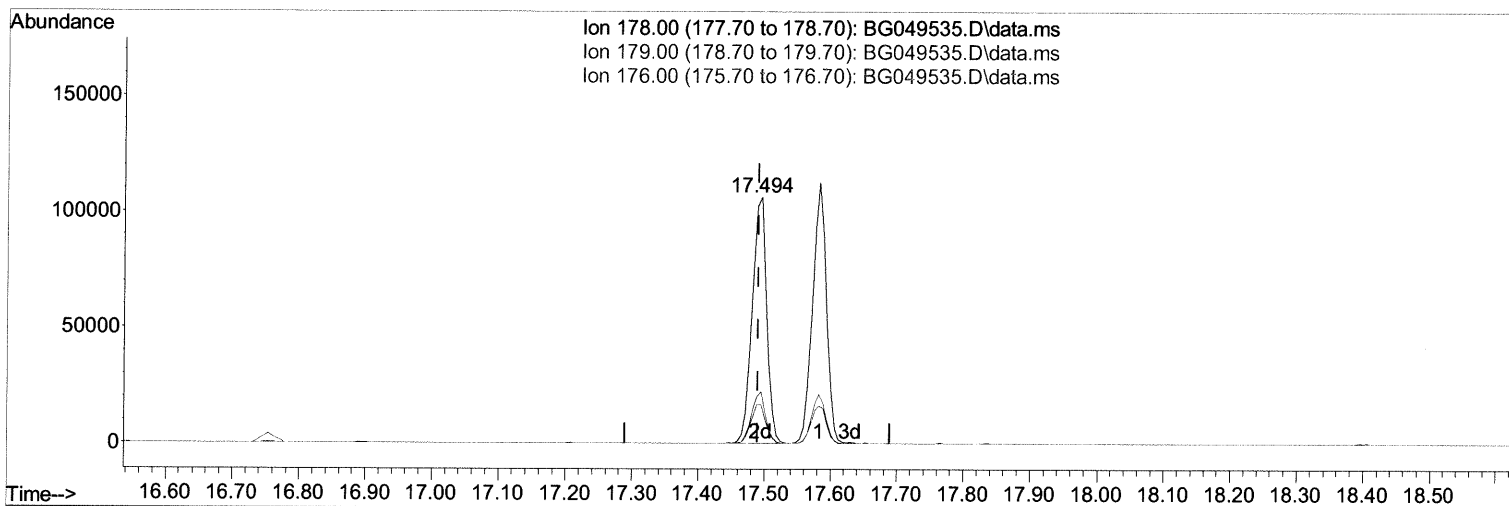
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049535.D
Acq On : 28 Jul 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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



TIC: BG049535.D\data.ms

(72) Phenanthrene

17.494min (+ 0.005) 20.94 ng/ul m 07/30/21 JU

response 161153

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	15.51
176.00	18.80	20.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
 Data File : BG049535.D
 Acq On : 28 Jul 2021 16:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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	8.048	152	23759	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	99532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	68250	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	147840m	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	134000	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	133883	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	3774	7.267	ng/ul	0.00
4) Pyridine-d5	3.854	84	27424	18.385	ng/ul	0.00
7) Phenol-d5	7.202	99	39540	18.810	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	22489	18.890	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	30862	20.482	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	31374	19.801	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	15649	20.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	17418	19.424	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	34220	20.982	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	43167	18.992	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	104759	20.038	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	119661	19.706	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	16795	19.507	ng/ul	0.01
60) Fluorene-d10	15.691	176	90533	20.101	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	15121	16.505	ng/ul	0.00
73) Anthracene-d10	17.547	188	136459	19.860	ng/ul	0.00
81) Pyrene-d10	19.832	212	150596	21.979	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	152060	21.609	ng/ul	0.01
Target Compounds						
2) 1,4-Dioxane	3.472	88	4408	6.210	ng/ul#	91
5) Pyridine	3.877	79	31490	19.736	ng/ul	95
6) Benzaldehyde	7.179	77	29915	23.849	ng/ul	97
8) Phenol	7.232	94	43898	21.378	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.461	93	29052	20.536	ng/ul	95
12) 2-Chlorophenol	7.608	128	32532	22.426	ng/ul	92
13) 2-Methylphenol	8.489	108	32297	20.636	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.577	45	33518	20.218	ng/ul#	94
16) Acetophenone	8.877	105	55401	21.725	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.853	70	29162	22.176	ng/ul#	92
18) 4-Methylphenol	8.824	108	34045	20.678	ng/ul	98
19) Hexachloroethane	9.135	117	14554	22.270	ng/ul#	80
22) Nitrobenzene	9.258	77	47907	20.967	ng/ul#	97
23) Isophorone	9.781	82	79274	20.706	ng/ul	98
25) 2-Nitrophenol	9.975	139	18442	21.853	ng/ul#	87
26) 2,4-Dimethylphenol	10.028	107	45510	22.628	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.263	93	38368	20.093	ng/ul	94
29) 2,4-Dichlorophenol	10.516	162	34092	21.384	ng/ul#	92
30) Naphthalene	10.921	128	108483	21.160	ng/ul	97
32) 4-Chloroaniline	11.027	127	42680	19.740	ng/ul#	84
33) Hexachlorobutadiene	11.203	225	26366	21.631	ng/ul	95
34) Caprolactam	11.784	113	9923m	18.300	ng/ul	> 07/30/21 JU
35) 4-Chloro-3-methylphenol	12.149	107	38872	21.670	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
 Data File : BG049535.D
 Acq On : 28 Jul 2021 16:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:42:05 PM

Quant Time: Jul 28 16:59:45 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)
36) 2-Methylnaphthalene	12.525	142	80482	21.448	ng/ul	99
37) 1-Methylnaphthalene	12.742	142	77101	20.334	ng/ul#	87
39) 1,2,4,5-Tetrachloroben...	12.895	216	44199	21.789	ng/ul	95
40) Hexachlorocyclopentadiene	12.871	237	20879	17.082	ng/ul	95
41) 2,4,6-Trichlorophenol	13.130	196	27601	22.142	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.206	196	30773	23.116	ng/ul	89
43) 1,1'-Biphenyl	13.529	154	103313	21.257	ng/ul#	94
44) 2-Chloronaphthalene	13.576	162	83108	21.975	ng/ul	93
45) 2-Nitroaniline	13.776	65	28717	21.397	ng/ul	86
47) Dimethylphthalate	14.140	163	102775	20.215	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	21303	20.995	ng/ul#	92
50) Acenaphthylene	14.422	152	124961	21.549	ng/ul	94
51) 3-Nitroaniline	14.598	138	22121	21.859	ng/ul	94
52) Acenaphthene	14.763	153	88375	21.249	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	8456	16.727	ng/ul#	65
55) 4-Nitrophenol	14.910	109	22123	18.950	ng/ul	98
56) Dibenzofuran	15.098	168	123817	22.048	ng/ul	99
57) 2,4-Dinitrotoluene	15.056	165	32975	22.927	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.327	232	26638	22.049	ng/ul#	94
59) Diethylphthalate	15.503	149	107383	20.408	ng/ul	98
61) Fluorene	15.744	166	102818	21.566	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.738	204	54735	22.055	ng/ul	93
63) 4-Nitroaniline	15.761	138	23181	23.100	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.826	198	14450	17.135	ng/ul#	87
67) N-Nitrosodiphenylamine	15.949	169	86545	22.337	ng/ul	96
68) 4-Bromophenyl-phenylether	16.631	248	36161	21.967	ng/ul	94
69) Hexachlorobenzene	16.754	284	40867	21.942	ng/ul#	92
70) Atrazine	16.895	200	38639	21.835	ng/ul	93
71) Pentachlorophenol	17.101	266	16957	19.663	ng/ul	87
72) Phenanthrene	17.494	178	161153m	20.939	ng/ul>	07/30/21 JU
74) Anthracene	17.582	178	163936	21.019	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	45046	22.423	ng/uL	94
76) Pentachlorobenzene	15.021	250	49968	23.509	ng/uL	93
77) Carbazole	17.853	167	141925	20.354	ng/ul	99
78) Di-n-butylphthalate	18.405	149	174406	20.114	ng/ul	98
80) Fluoranthene	19.503	202	191272	22.990	ng/ul	99
82) Pyrene	19.862	202	187411	22.688	ng/ul	99
83) Butylbenzylphthalate	20.743	149	72590	22.572	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.624	252	57963	18.826	ng/ul	97
85) Benzo(a)anthracene	21.712	228	173844	21.219	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.606	149	104563	21.909	ng/ul	97
87) Chrysene	21.777	228	164748	21.010	ng/ul	99
89) Di-n-octyl phthalate	22.834	149	170181	21.624	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	177365	21.136	ng/ul	98
91) Benzo(k)fluoranthene	24.033	252	175091	21.320	ng/ul	98
93) Benzo(a)pyrene	24.849	252	154777	21.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.761	276	207629	22.353	ng/ul	98
95) Dibenzo(a,h)anthracene	28.820	278	172377	22.425	ng/ul	99
96) Benzo(g,h,i)perylene	29.936	276	172577	22.347	ng/ul#	97

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