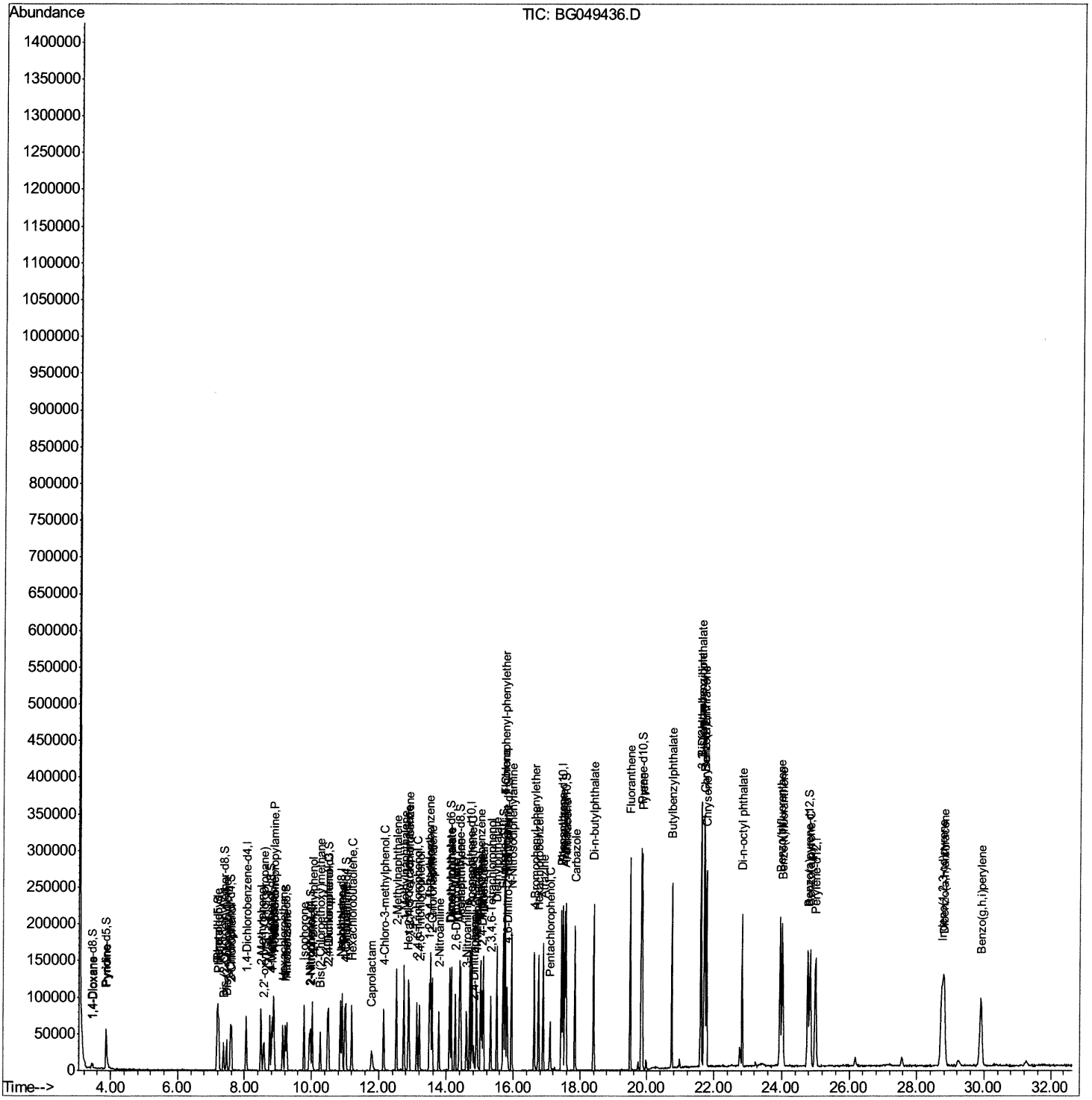
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049436.D
Acq On : 23 Jul 2021 21:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 24 06:18:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 01:39:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV414

Manual Integrations APPROVED
mohammad
7/26/2021 1:29:09 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049436.D
Acq On : 23 Jul 2021 21:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 24 06:15:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 01:39:40 2021
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Manual Integrations APPROVED
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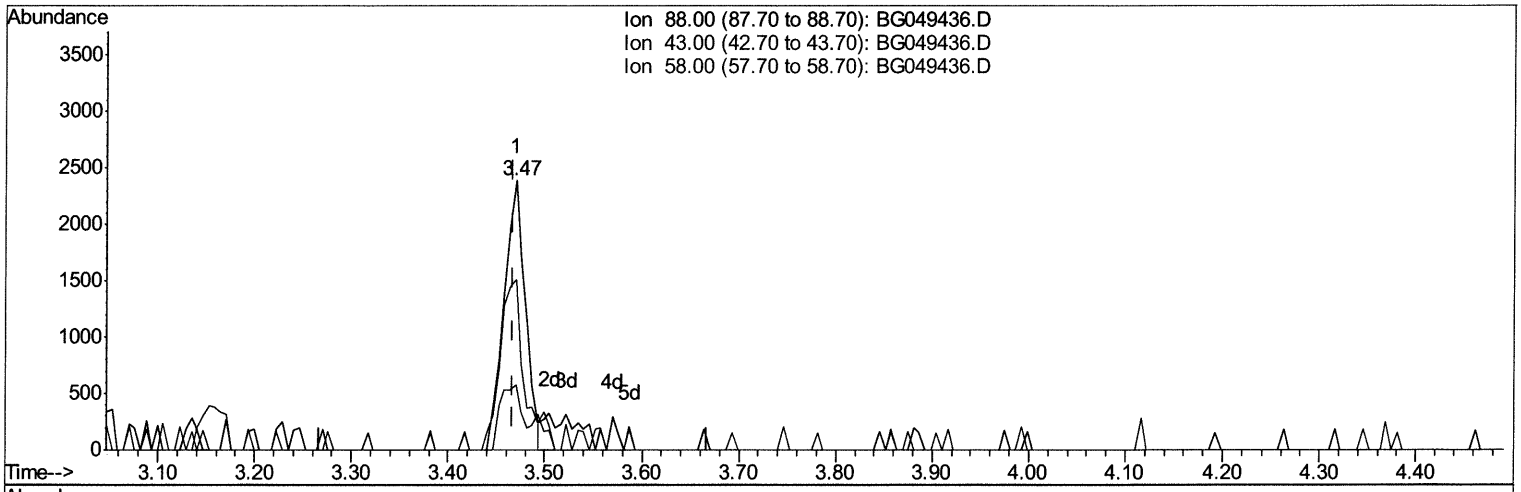

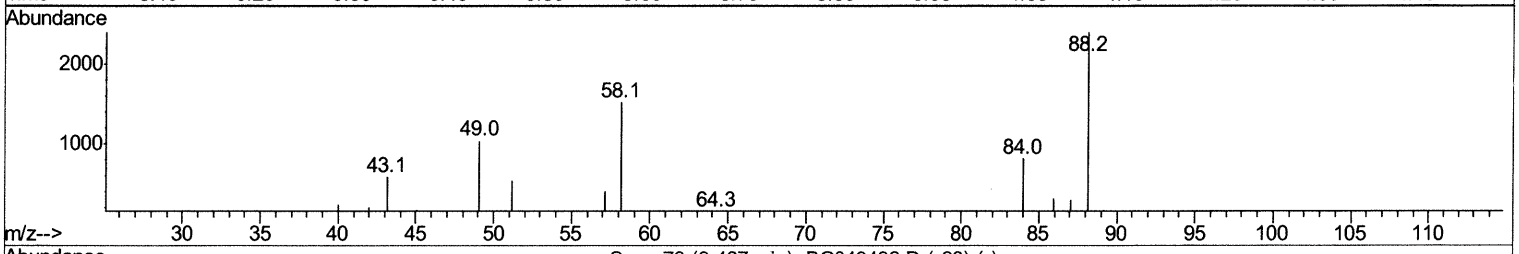

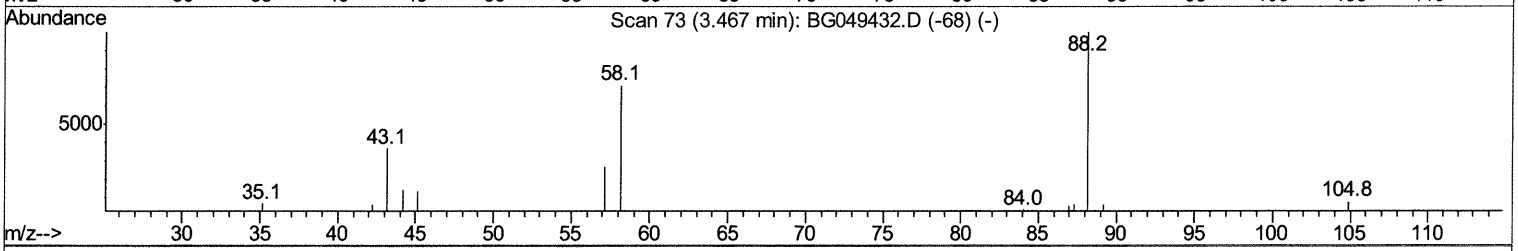

TIC: BG049436.D

(2) 1,4-Dioxane

3.470min (+0.003) 5.93ng/uL

response 3714

Ion	Exp%	Act%
88.00	100	100
43.00	36.90	24.29#
58.00	71.00	63.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
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Manual Integrations APPROVED
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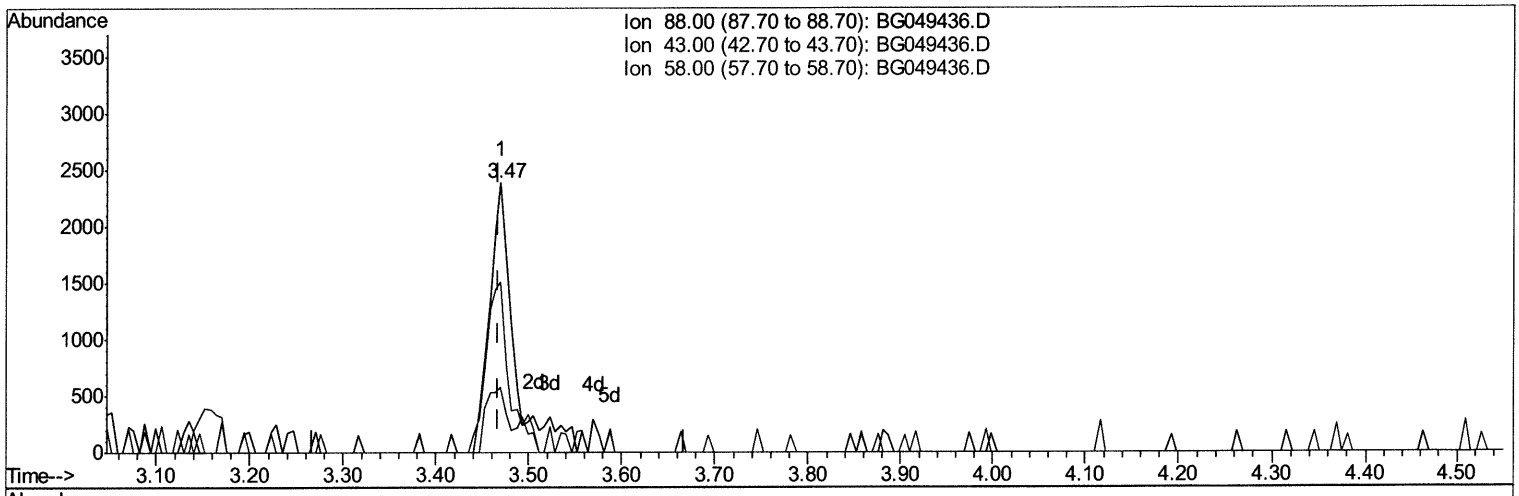

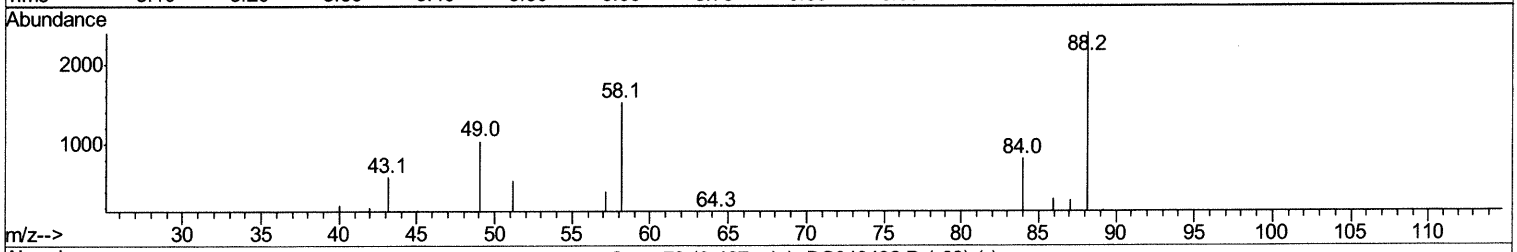

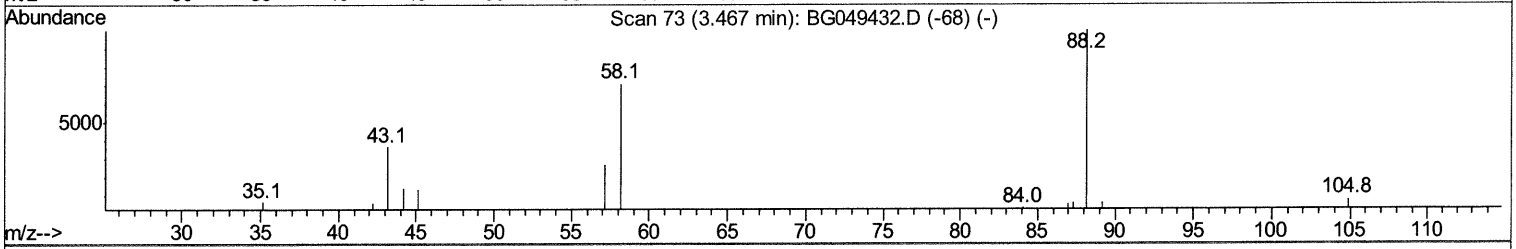

TIC: BG049436.D

(2) 1,4-Dioxane

3.470min (+0.003) 7.15ng/uL m 07/27/21 JU

response 4480

Ion	Exp%	Act%
88.00	100	100
43.00	36.90	24.29#
58.00	71.00	63.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049436.D
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Manual Integrations APPROVED
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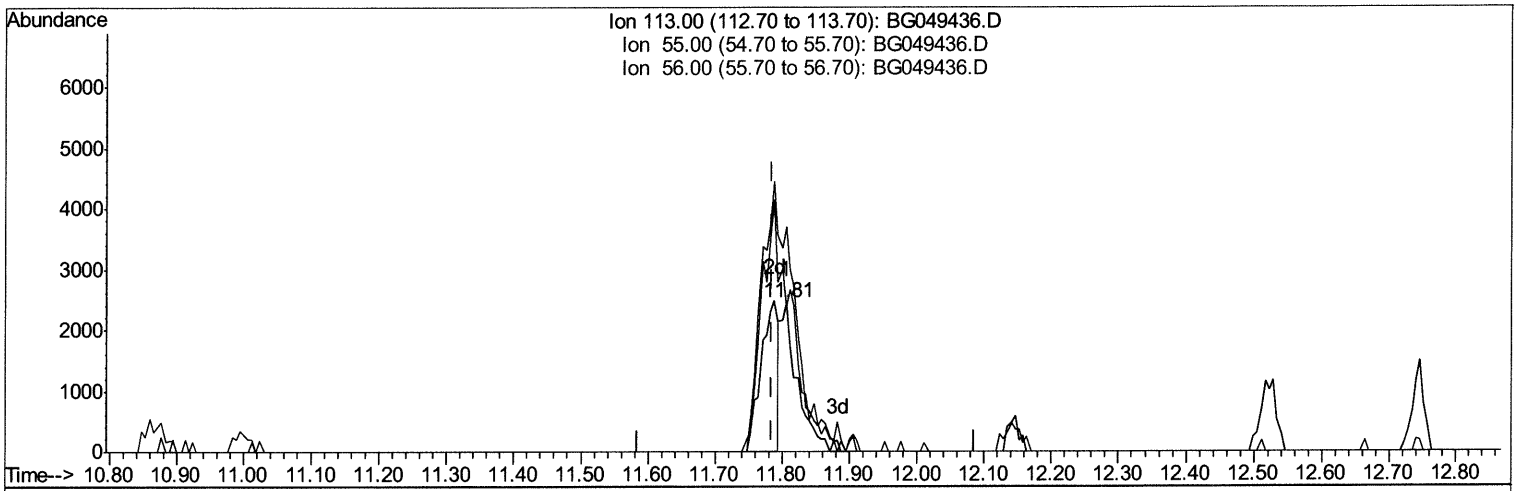

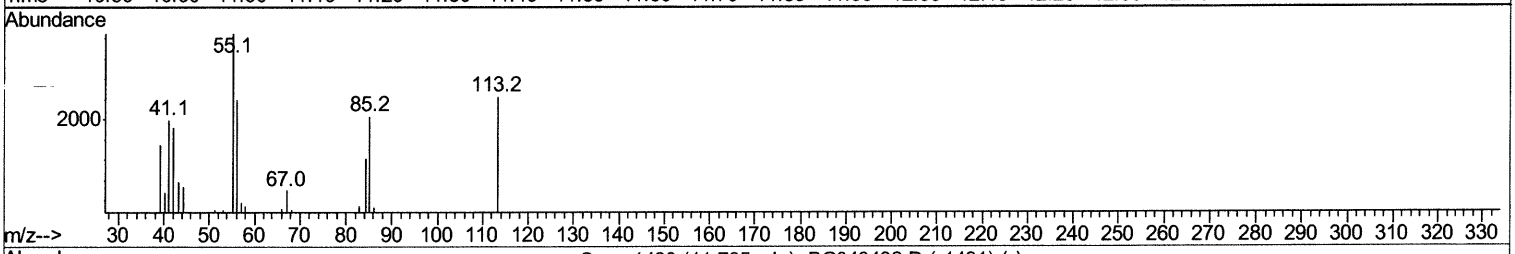

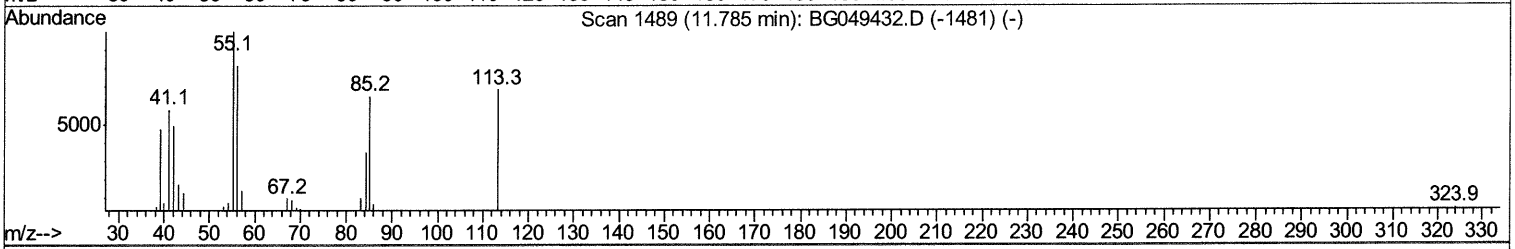

TIC: BG049436.D

(34) Caprolactam

11.806min (+0.020) 9.35ng/ul

response 4092

Ion	Exp%	Act%
113.00	100	100
55.00	145.70	151.43
56.00	118.80	97.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049436.D
Acq On : 23 Jul 2021 21:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 24 06:15:59 2021
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QLast Update : Sat Jul 24 01:39:40 2021
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Instrument :
BNA_G
ClientSampleId :
SICV414

Manual Integrations APPROVED
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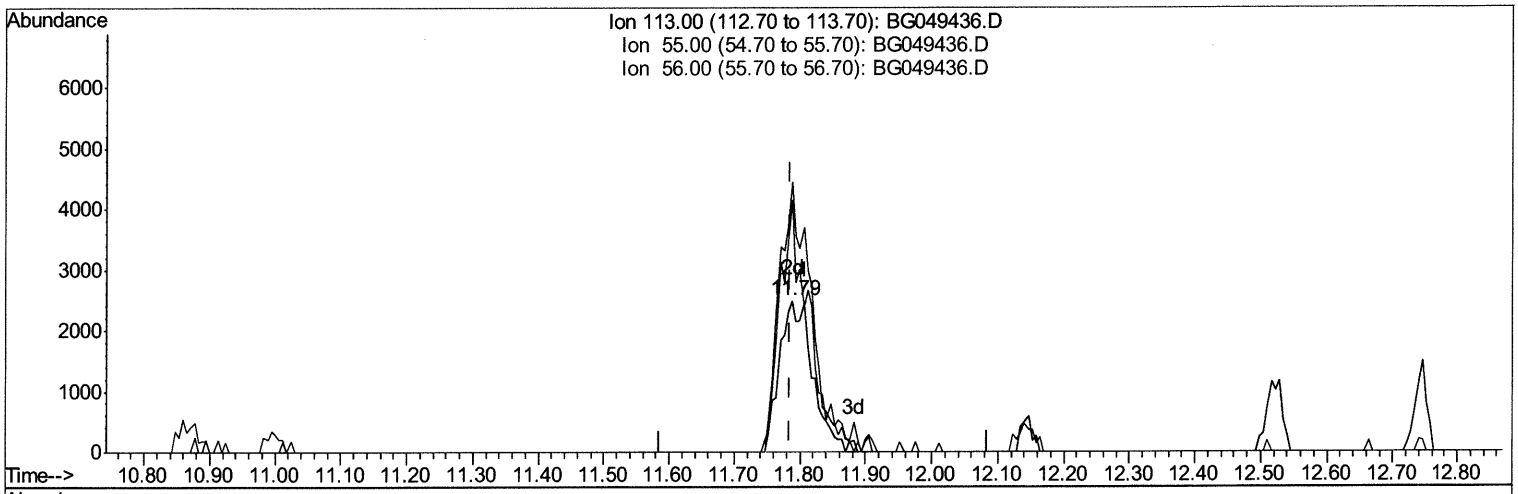

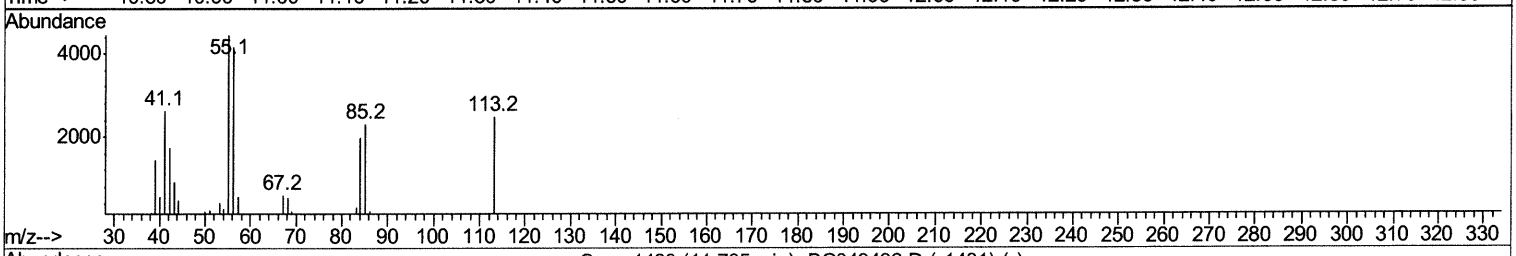

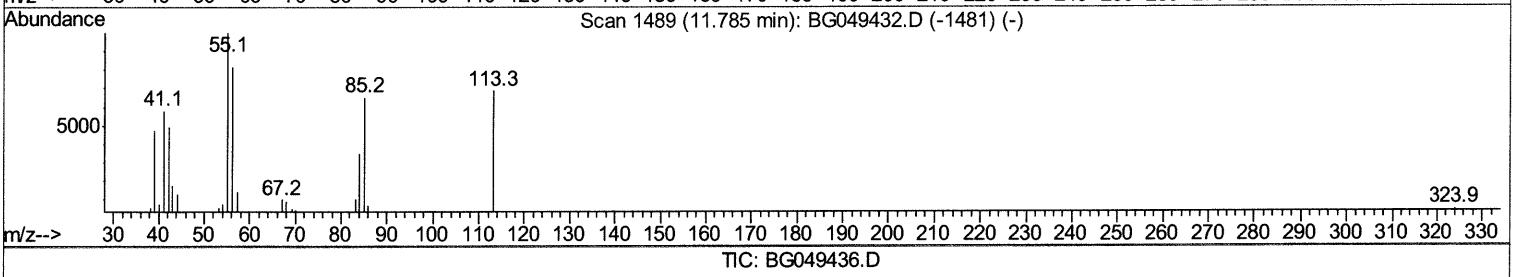

TIC: BG049436.D

(34) Caprolactam

11.788min (+0.002) 19.63ng/ul m 07/27/21 JU

response 8593

Ion	Exp%	Act%
113.00	100	100
55.00	145.70	178.52#
56.00	118.80	166.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049436.D
Acq On : 23 Jul 2021 21:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 24 06:15:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
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Instrument :
BNA_G
ClientSampleId :
SICV414

Manual Integrations APPROVED
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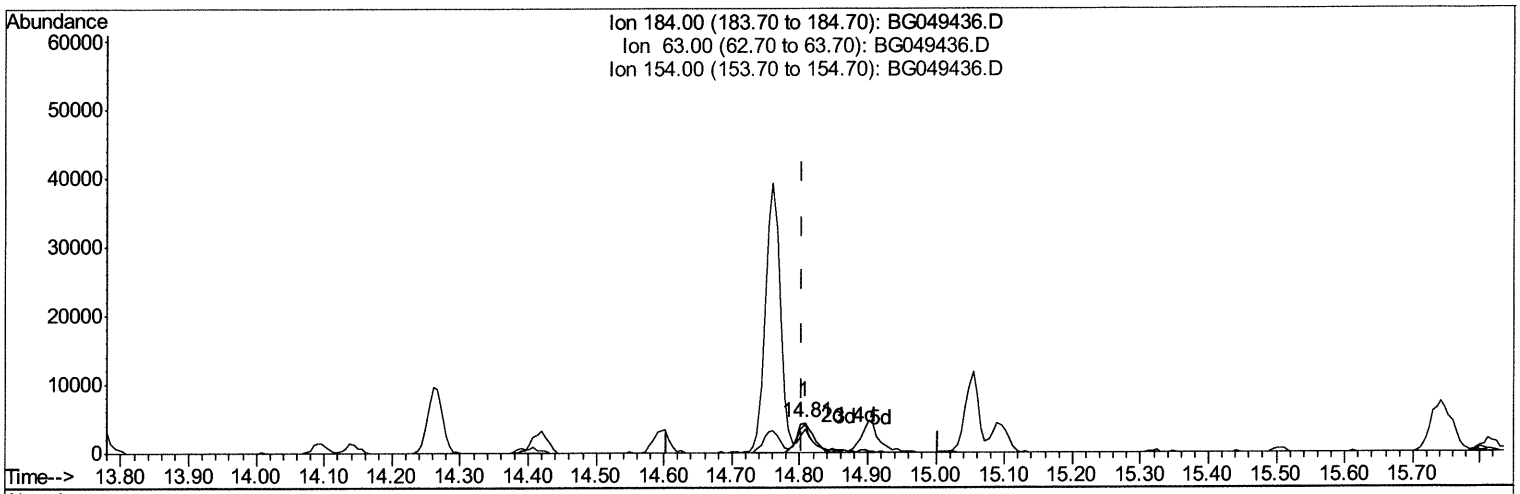

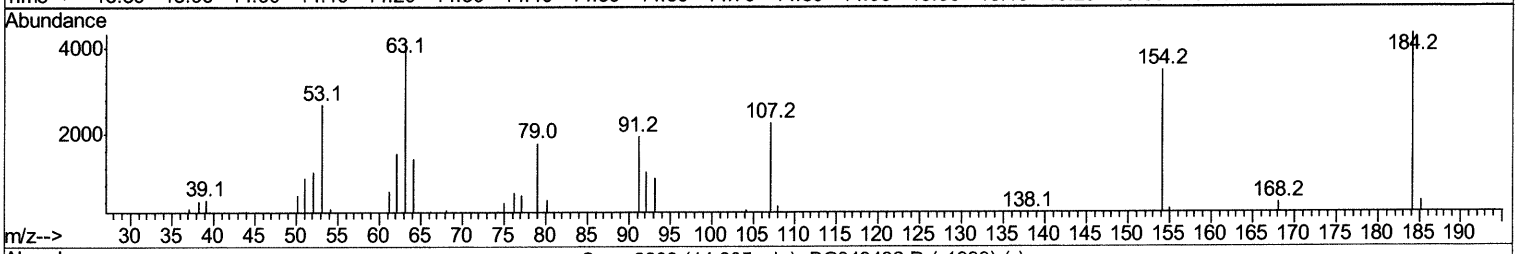

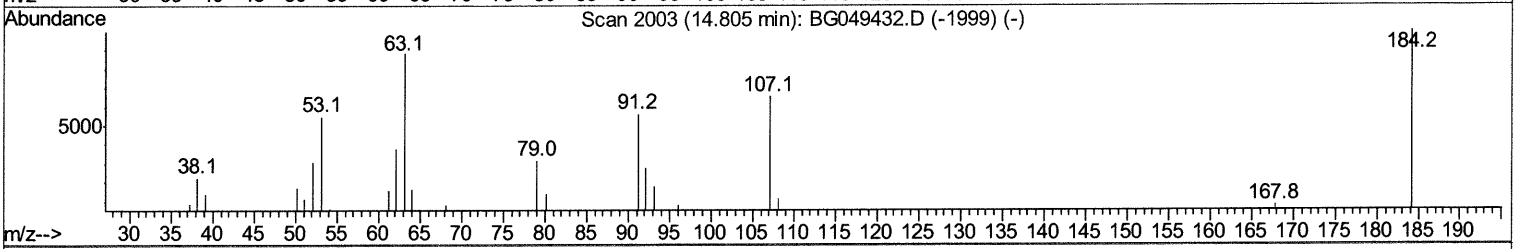

TIC: BG049436.D

(53) 2,4-Dinitrophenol

14.807min (+0.003) 17.53ng/ul

response 7319

Ion	Exp%	Act%
184.00	100	100
63.00	106.90	93.68
154.00	94.70	79.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049436.D
Acq On : 23 Jul 2021 21:55
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 24 06:15:59 2021
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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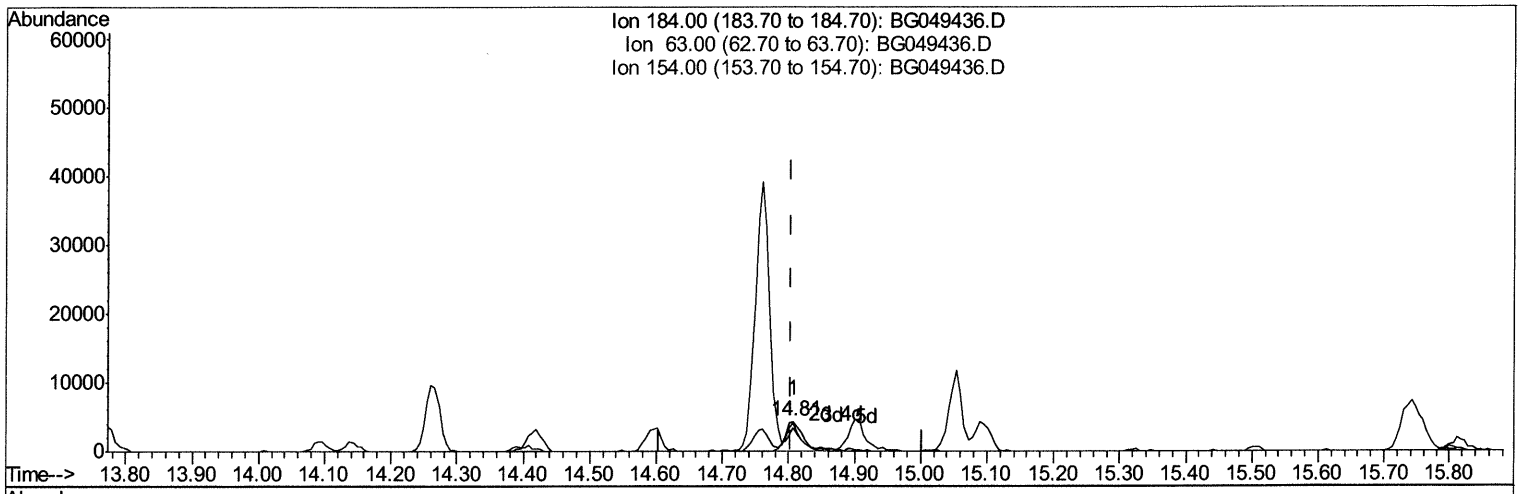

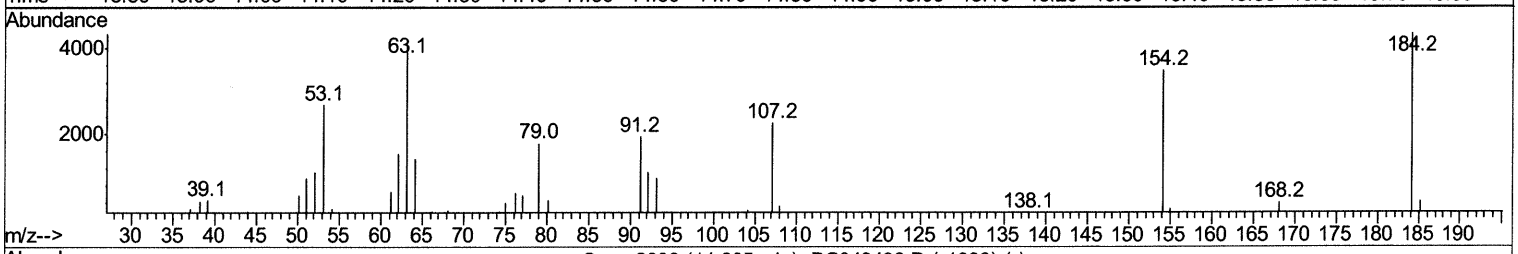

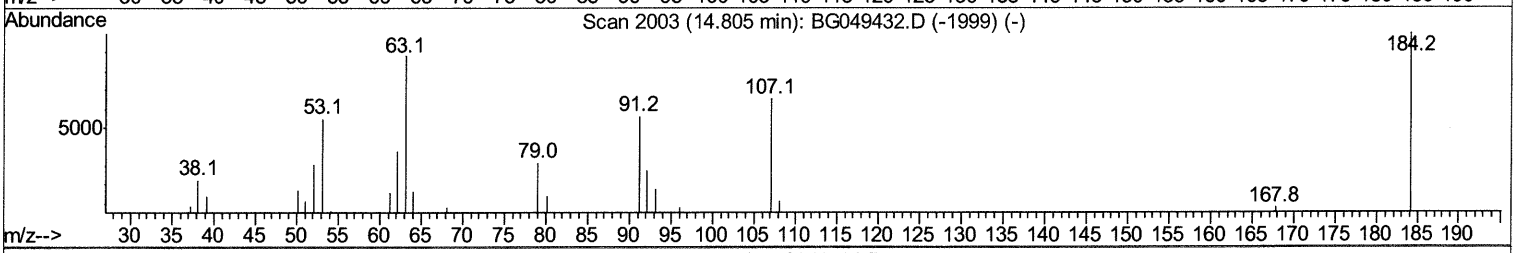

TIC: BG049436.D

(53) 2,4-Dinitrophenol

14.807min (+0.003) 19.57ng/ul m 07/27/21 JU

response 8169

Ion	Exp%	Act%
184.00	100	100
63.00	106.90	93.68
154.00	94.70	79.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
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Acq On : 23 Jul 2021 21:55
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ALS Vial : 9 Sample Multiplier: 1

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Manual Integrations APPROVED
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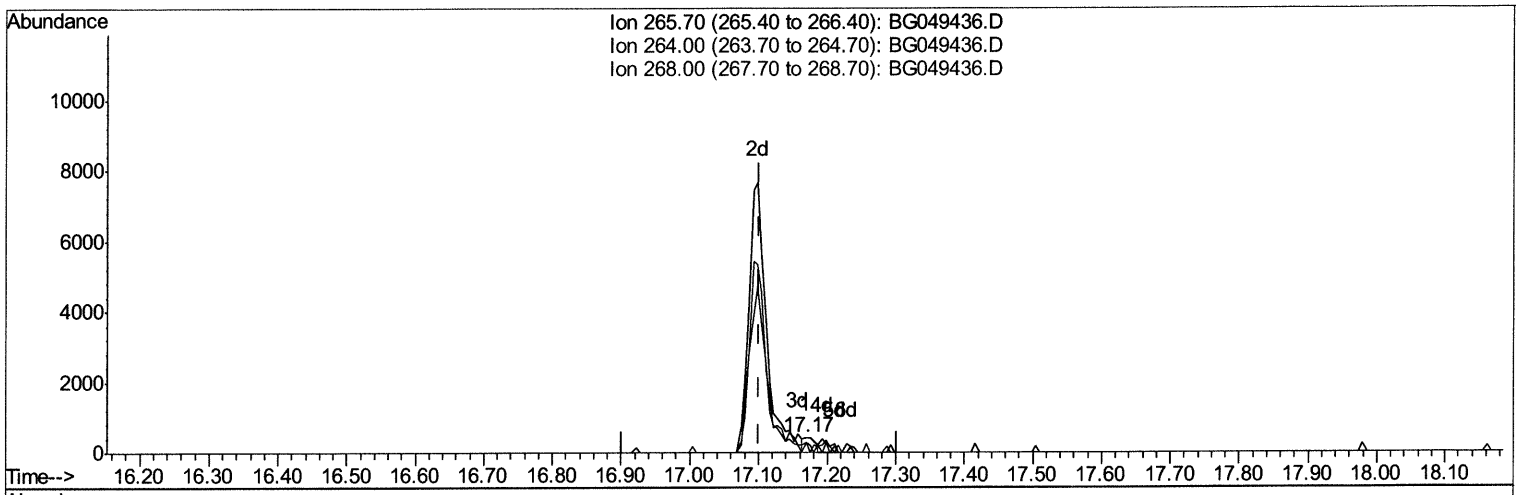

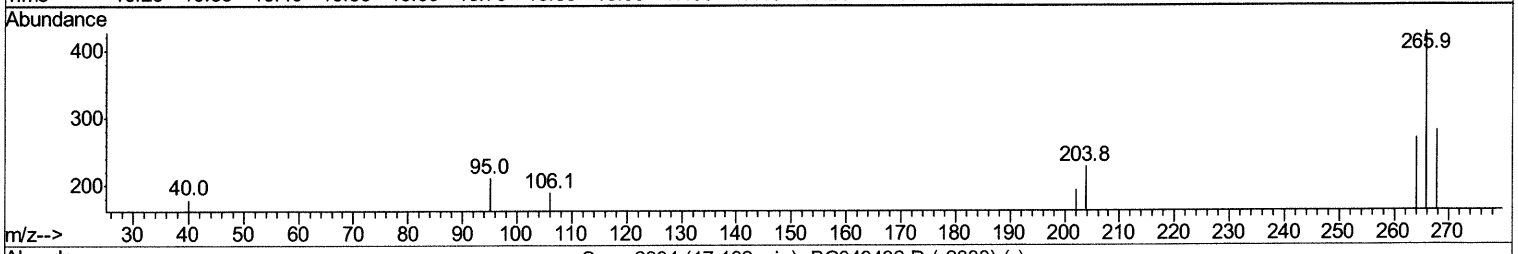

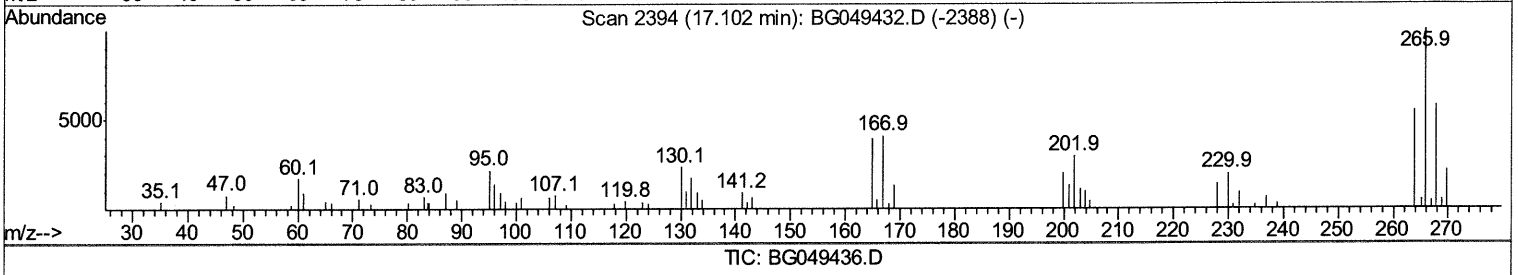

TIC: BG049436.D

(71) Pentachlorophenol (C)

17.169min (+0.067) 0.62ng/ul

response 484

Ion	Exp%	Act%
265.70	100	100
264.00	54.70	63.00
268.00	57.80	65.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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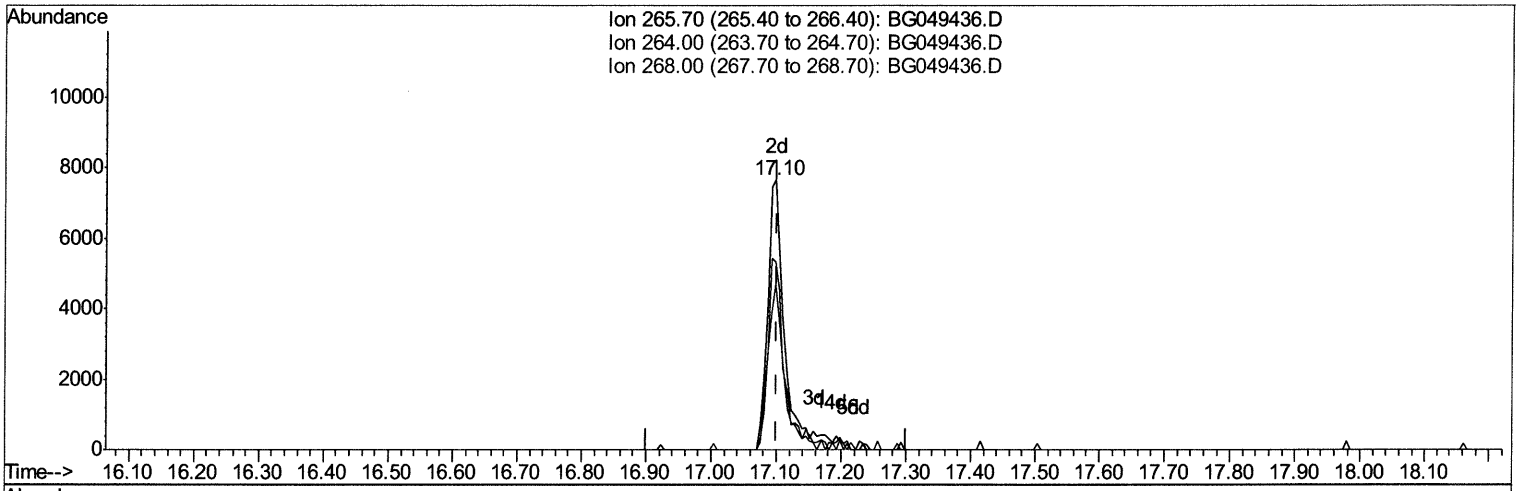

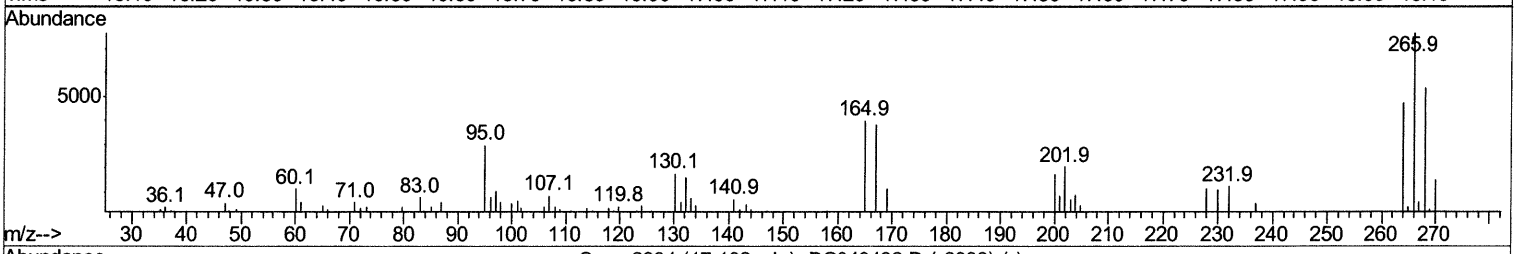

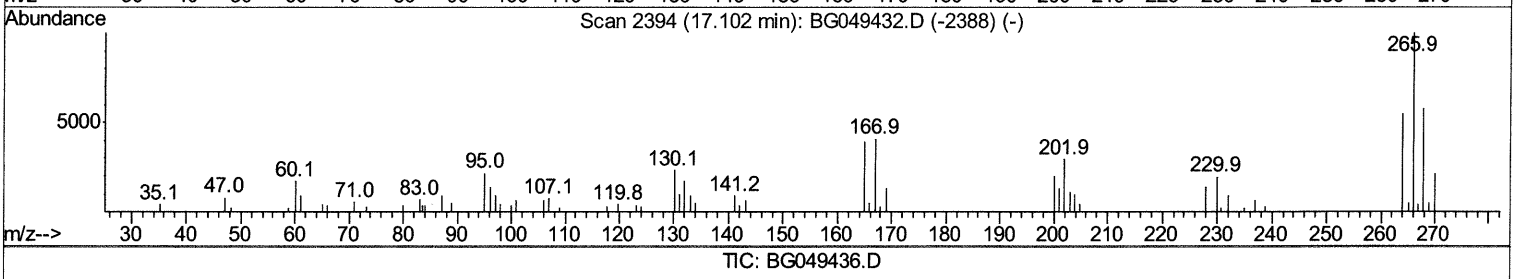

TIC: BG049436.D

(71) Pentachlorophenol (C)

17.098min (-0.003) 18.61ng/ul m 07/27/21 JU

response 14519

Ion	Exp%	Act%
265.70	100	100
264.00	54.70	61.57
268.00	57.80	69.60#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20973	20.00	ng/ul	0.00
20) Naphthalene-d8	10.87	136	80346	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.70	164	56356	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.45	188	133733	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	151094	20.00	ng/ul	0.00
88) Perylene-d12	25.00	264	161671	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3426	7.47	ng/uL	0.00
4) Pyridine-d5	3.85	84	23957	18.19	ng/ul	0.00
7) Phenol-d5	7.20	99	34682	18.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.36	67	19561	18.61	ng/ul	0.00
11) 2-Chlorophenol-d4	7.58	132	25905	19.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.75	113	26825	19.18	ng/ul	0.00
21) Nitrobenzene-d5	9.21	128	12906	20.89	ng/ul	0.00
24) 2-Nitrophenol-d4	9.94	143	14784	20.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.48	165	26547	20.16	ng/ul	0.00
31) 4-Chloroaniline-d4	11.00	131	36008	19.62	ng/ul	0.00
46) Dimethylphthalate-d6	14.10	166	88660	20.54	ng/ul	0.00
49) Acenaphthylene-d8	14.39	160	102647	20.47	ng/ul	0.00
54) 4-Nitrophenol-d4	14.88	143	14970	21.06	ng/ul	0.00
60) Fluorene-d10	15.69	176	75005	20.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.81	200	15336	18.51	ng/ul	0.00
73) Anthracene-d10	17.54	188	123196	19.82	ng/ul	0.00
81) Pyrene-d10	19.83	212	157031	20.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.77	264	181364	21.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	4480m >	7.150	ng/uL >	07/27/21JU
5) Pyridine	3.88	79	25806	18.322	ng/ul	92
6) Benzaldehyde	7.18	77	26768	24.175	ng/ul	96
8) Phenol	7.22	94	35018	19.319	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.46	93	23573	18.876	ng/ul	93
12) 2-Chlorophenol	7.61	128	24616	19.223	ng/ul#	85
13) 2-Methylphenol	8.49	108	25516	18.469	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.57	45	26739	18.271	ng/ul#	94
16) Acetophenone	8.87	105	45249	20.101	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.86	70	22817	19.656	ng/ul#	91
18) 4-Methylphenol	8.82	108	27563	18.964	ng/ul	96
19) Hexachloroethane	9.14	117	11533	19.992	ng/ul	87
22) Nitrobenzene	9.26	77	38292	20.761	ng/ul	95
23) Isophorone	9.78	82	63478	20.539	ng/ul	97
25) 2-Nitrophenol	9.98	139	14304	20.997	ng/ul	96
26) 2,4-Dimethylphenol	10.03	107	33641	20.721	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.26	93	32059	20.798	ng/ul#	96
29) 2,4-Dichlorophenol	10.51	162	25609	19.898	ng/ul	94
30) Naphthalene	10.92	128	83738	20.233	ng/ul	97
32) 4-Chloroaniline	11.02	127	34631	19.842	ng/ul	90
33) Hexachlorobutadiene	11.21	225	20592	20.928	ng/ul#	84
34) Caprolactam	11.79	113	8593m >	19.632	ng/ul >	07/27/21JU

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Acq On : 23 Jul 2021 21:55
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Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
7/26/2021 1:29:09 PM

Quant Time: Jul 24 06:18:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 01:39:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.15	107	31196	21.543 ng/ul	92
36) 2-Methylnaphthalene	12.52	142	62726	20.708 ng/ul	96
37) 1-Methylnaphthalene	12.75	142	61360	20.047 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	33825	20.194 ng/ul	95
40) Hexachlorocyclopentadiene	12.87	237	19249	19.072 ng/ul#	97
41) 2,4,6-Trichlorophenol	13.13	196	21690	21.072 ng/ul#	83
42) 2,4,5-Trichlorophenol	13.20	196	23072	20.989 ng/ul	93
43) 1,1'-Biphenyl	13.53	154	81647	20.345 ng/ul	98
44) 2-Chloronaphthalene	13.57	162	63825	20.438 ng/ul	94
45) 2-Nitroaniline	13.77	65	23792	21.468 ng/ul	94
47) Dimethylphthalate	14.14	163	86219	20.538 ng/ul	100
48) 2,6-Dinitrotoluene	14.26	165	17859	21.316 ng/ul#	92
50) Acenaphthylene	14.42	152	98092	20.486 ng/ul	96
51) 3-Nitroaniline	14.60	138	17823	21.329 ng/ul#	84
52) Acenaphthene	14.76	153	68322	19.894 ng/ul	96
53) 2,4-Dinitrophenol	14.81	184	8169m >	19.570 ng/ul >	07/27/21 JU
55) 4-Nitrophenol	14.90	109	20460	21.224 ng/ul	89
56) Dibenzofuran	15.10	168	95352	20.562 ng/ul	96
57) 2,4-Dinitrotoluene	15.05	165	26761	22.533 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.32	232	21127	21.179 ng/ul#	97
59) Diethylphthalate	15.51	149	89101	20.507 ng/ul	98
61) Fluorene	15.74	166	80928	20.557 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.74	204	42543	20.760 ng/ul#	87
63) 4-Nitroaniline	15.76	138	18532	22.365 ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.82	198	14898	19.529 ng/ul#	85
67) N-Nitrosodiphenylamine	15.95	169	69380	19.796 ng/ul	92
68) 4-Bromophenyl-phenylether	16.63	248	28900	19.408 ng/ul	97
69) Hexachlorobenzene	16.75	284	34221	20.312 ng/ul	94
70) Atrazine	16.89	200	31560	19.716 ng/ul	99
71) Pentachlorophenol	17.10	266	14519m >	18.612 ng/ul >	07/27/21 JU
72) Phenanthrene	17.49	178	137350	19.728 ng/ul	97
74) Anthracene	17.58	178	141314	20.030 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.50	216	34224	18.833 ng/uL	97
76) Pentachlorobenzene	15.01	250	37578	19.545 ng/uL	94
77) Carbazole	17.85	167	129768	20.574 ng/ul	98
78) Di-n-butylphthalate	18.40	149	159069	20.280 ng/ul	98
80) Fluoranthene	19.50	202	185719	19.797 ng/ul#	98
82) Pyrene	19.86	202	188976	20.290 ng/ul	99
83) Butylbenzylphthalate	20.74	149	72012	19.859 ng/ul	92
84) 3,3'-Dichlorobenzidine	21.62	252	72499	20.883 ng/ul	98
85) Benzo(a)anthracene	21.70	228	185113	20.039 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.60	149	107315	19.942 ng/ul	95
87) Chrysene	21.77	228	175310	19.827 ng/ul	95
89) Di-n-octyl phthalate	22.83	149	182432	19.197 ng/ul	100
90) Benzo(b)fluoranthene	23.95	252	215122	21.230 ng/ul	100
91) Benzo(k)fluoranthene	24.02	252	202312	20.400 ng/ul	97
93) Benzo(a)pyrene	24.84	252	188775	21.474 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.74	276	253144	22.569 ng/ul	95
95) Dibenzo(a,h)anthracene	28.81	278	209488	22.569 ng/ul	97
96) Benzo(g,h,i)perylene	29.90	276	205533	22.040 ng/ul#	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049436.D
Acq On : 23 Jul 2021 21:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

Instrument :
BNA_G
ClientSampleId :
SICV414

Manual Integrations APPROVED
mohammad
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