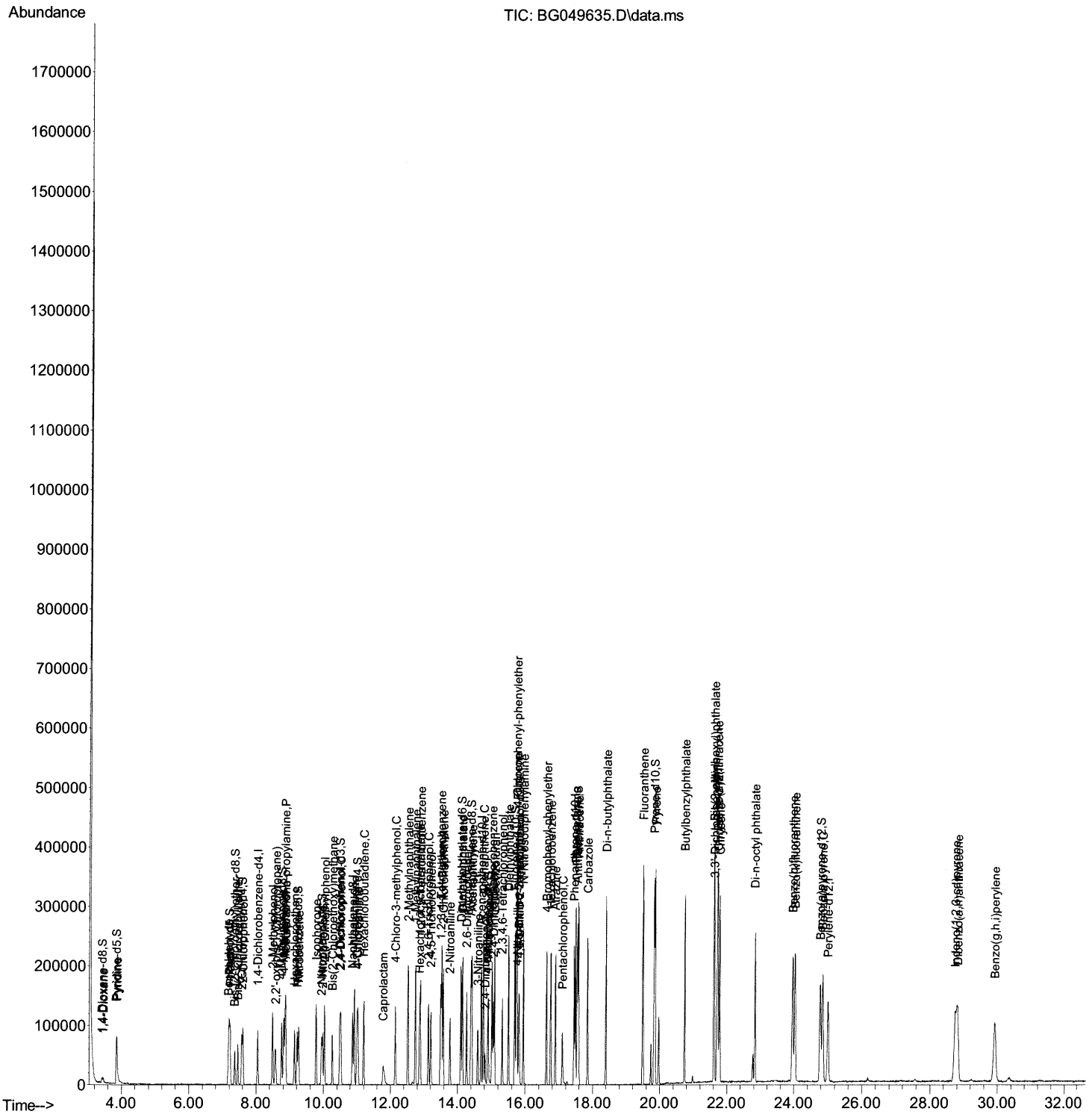
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049635.D
Acq On : 4 Aug 2021 13:10
Operator : CG/JU
Sample : SSTD02017
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020417

Manual Integrations APPROVED
mohammad
8/5/2021 5:05:38 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049635.D
Acq On : 4 Aug 2021 13:10
Operator : CG/JU
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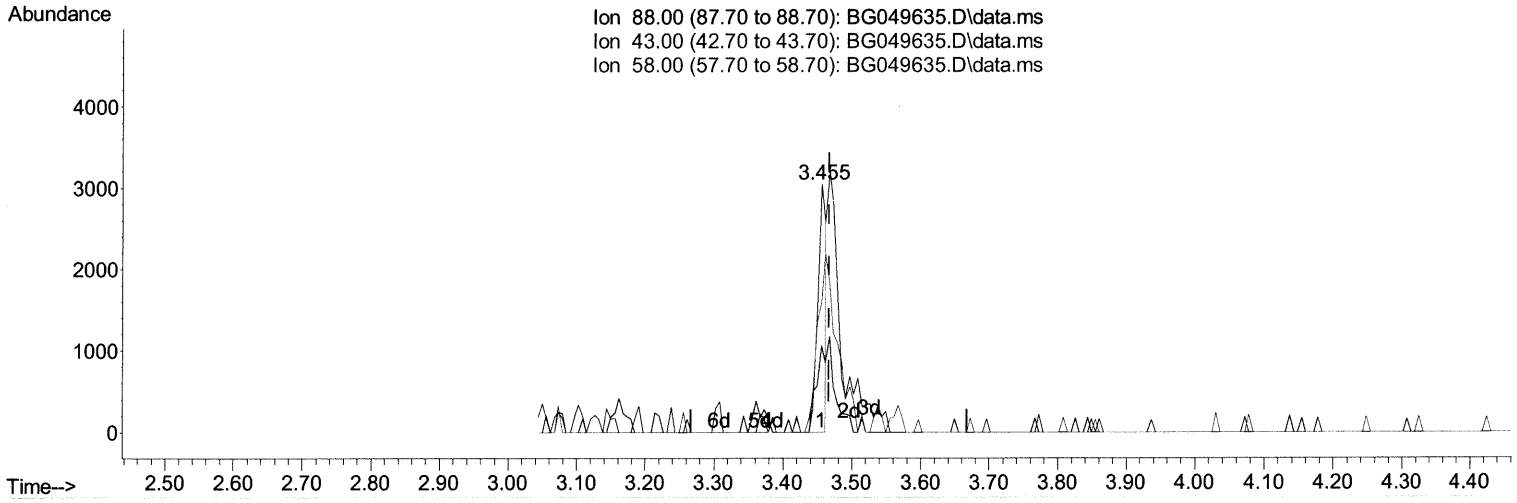

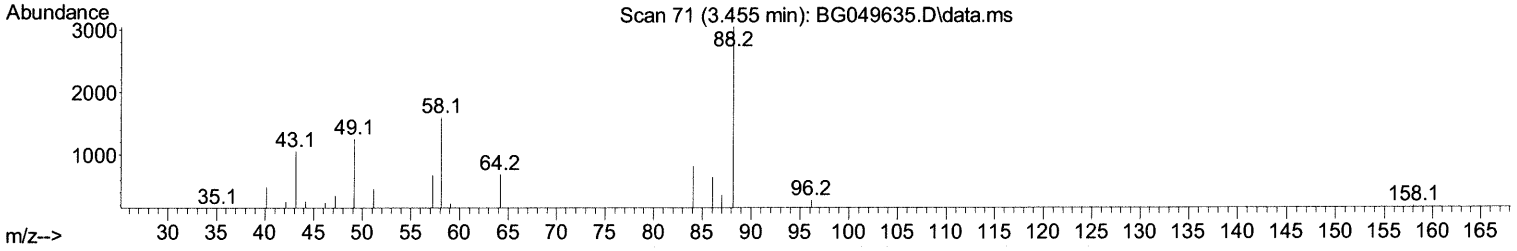

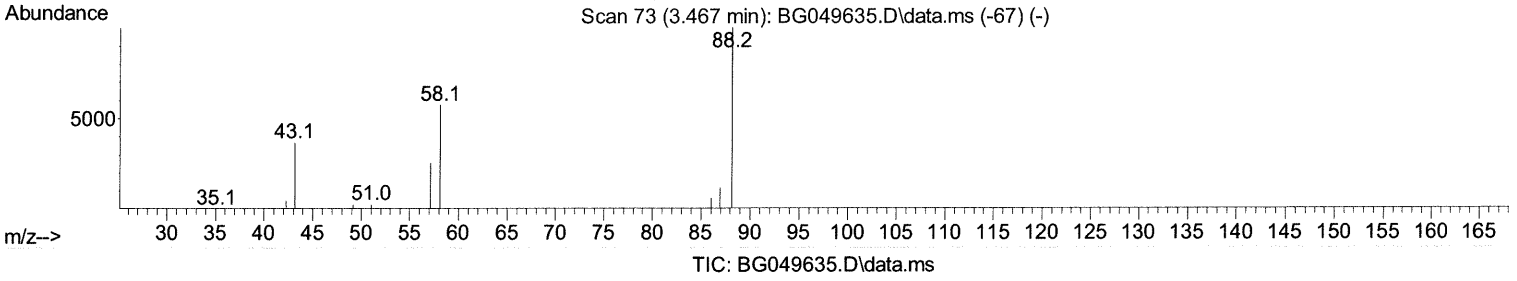

TIC: BG049635.D\data.ms

(2) 1,4-Dioxane

3.455min (-0.012) 3.55 ng/uL

response 2600

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.80	34.79
58.00	57.40	52.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
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Acq On : 4 Aug 2021 13:10
Operator : CG/JU
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Manual Integrations APPROVED
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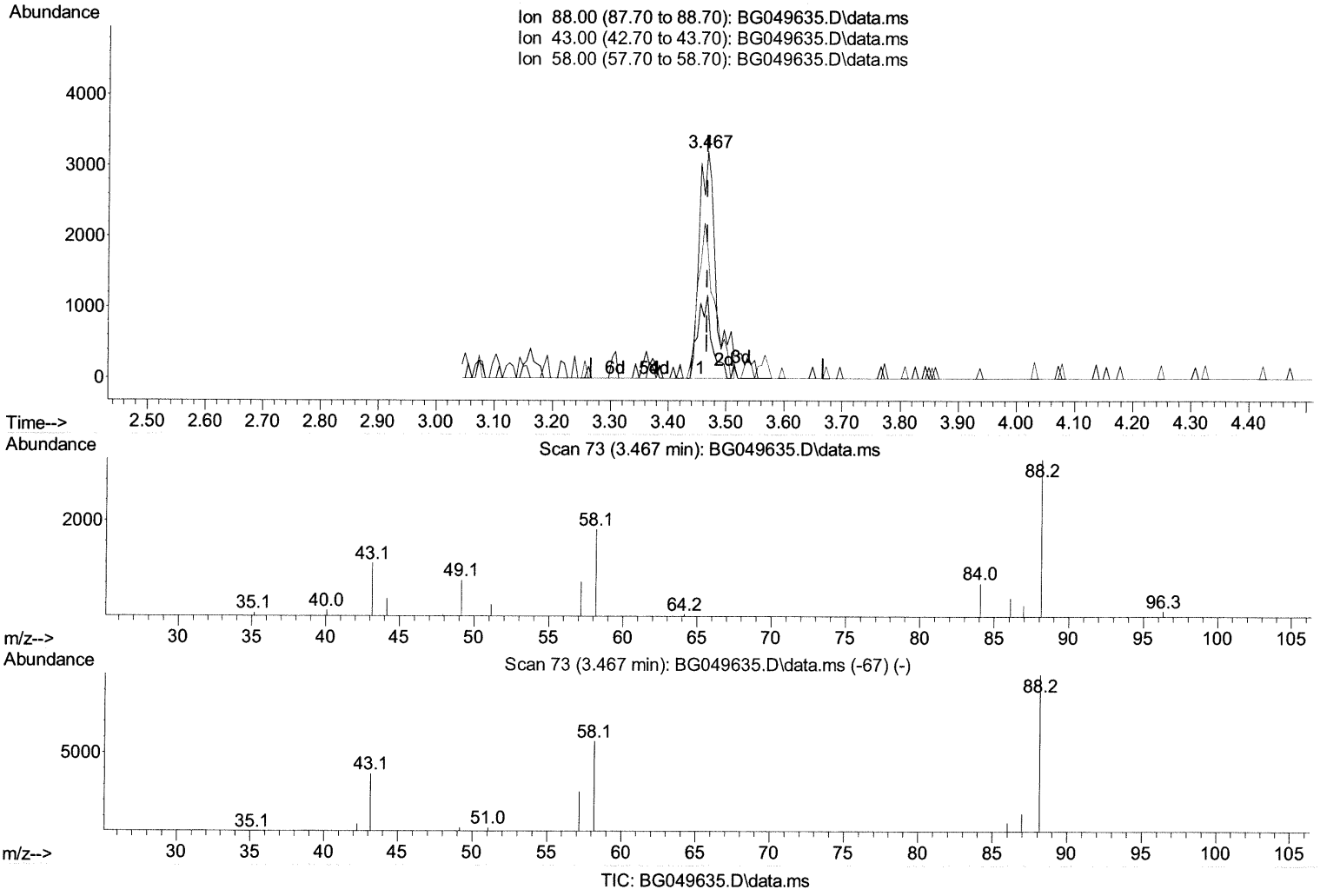

TIC: BG049635.D\data.ms

(2) 1,4-Dioxane

3.467min (0.000) 8.81 ng/uL m 08/04/21 JG

response 6450

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.80	36.77
58.00	57.40	57.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049635.D
Acq On : 4 Aug 2021 13:10
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Manual Integrations APPROVED
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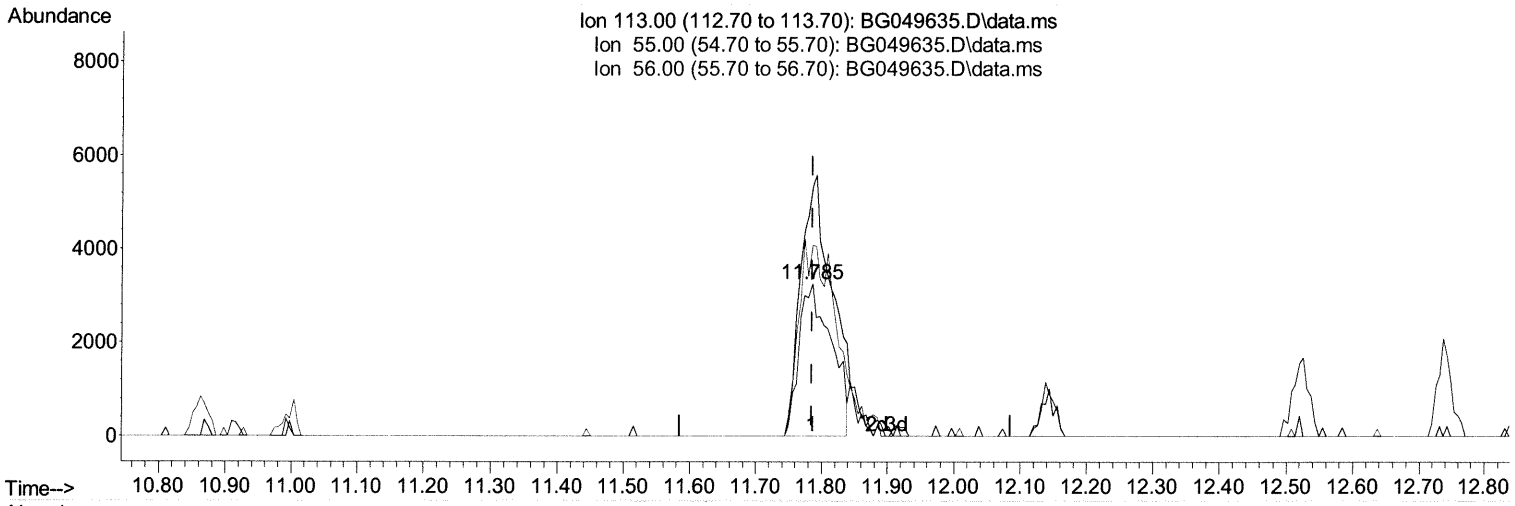

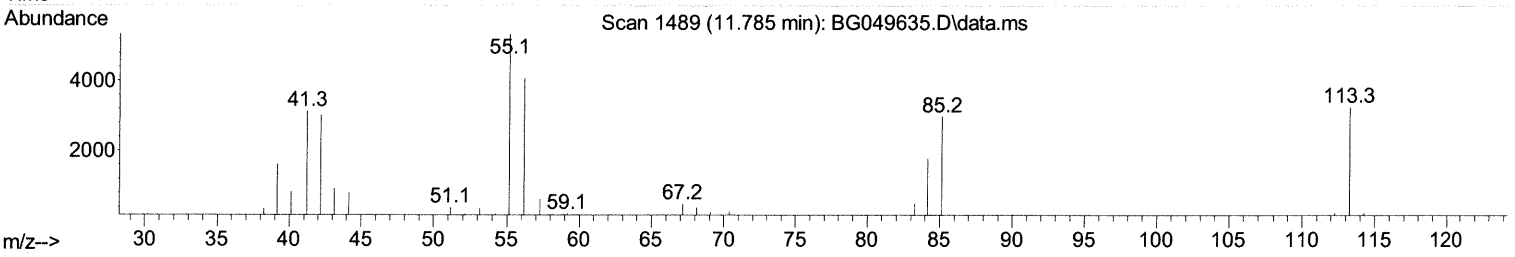

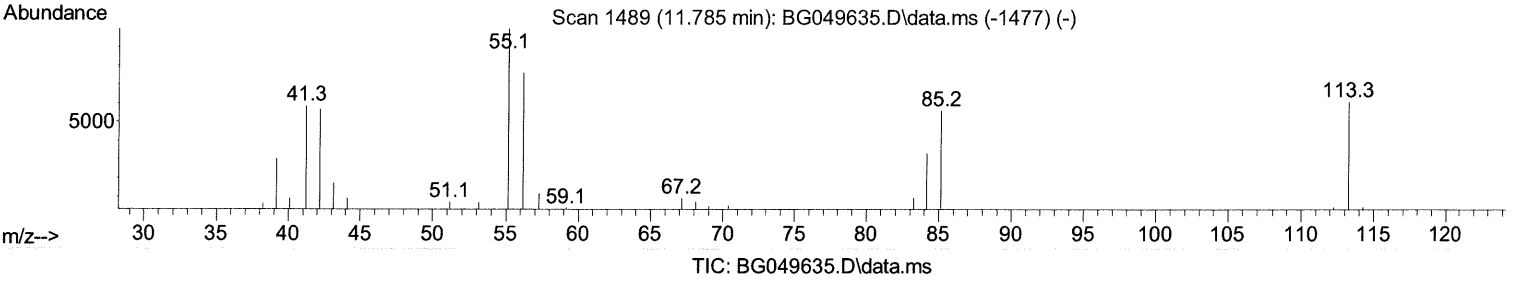

TIC: BG049635.D\data.ms

(34) Caprolactam

11.785min (0.000) 20.05 ng/ul

response 11027

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	163.92
56.00	125.20	125.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
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Acq On : 4 Aug 2021 13:10
Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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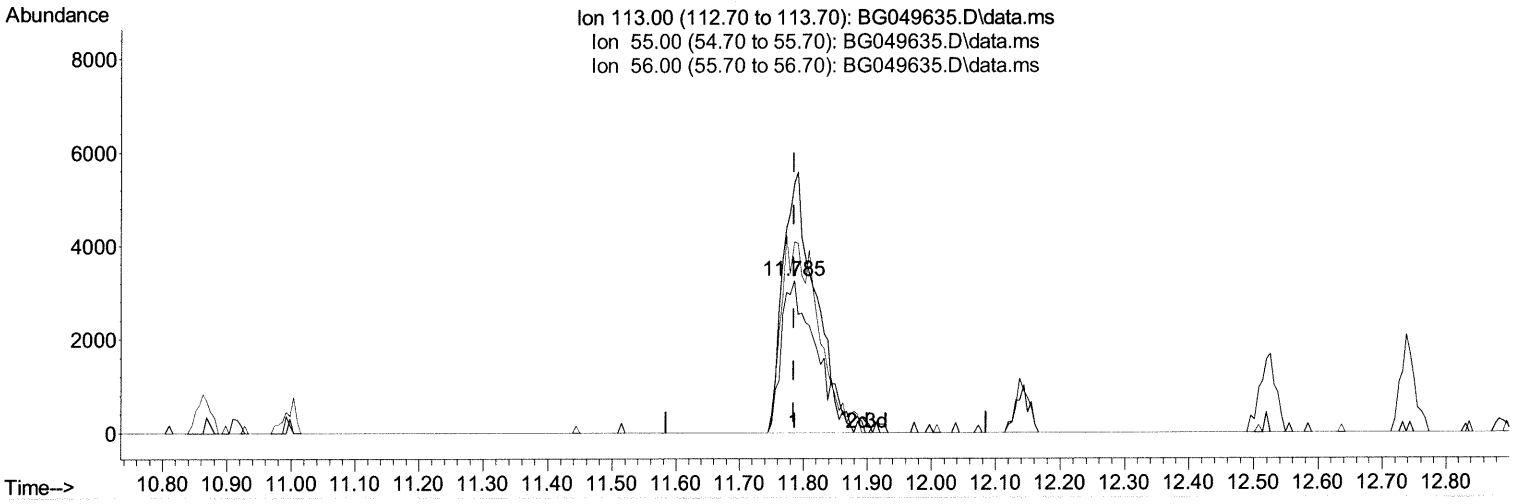

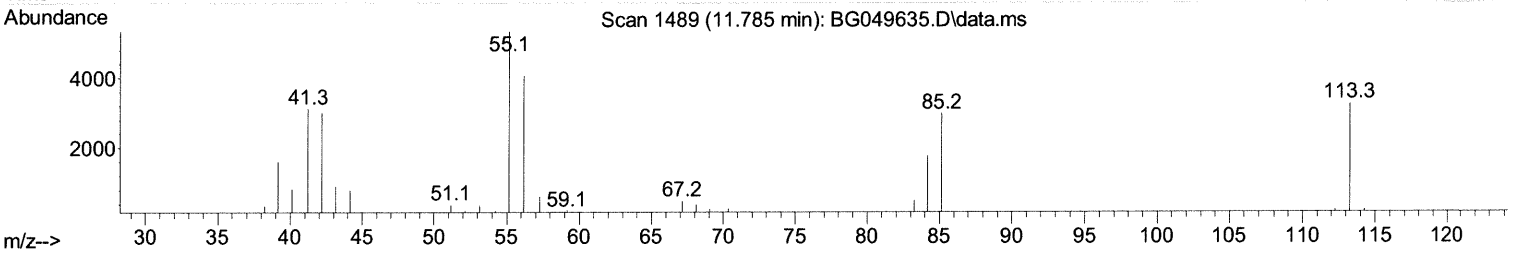

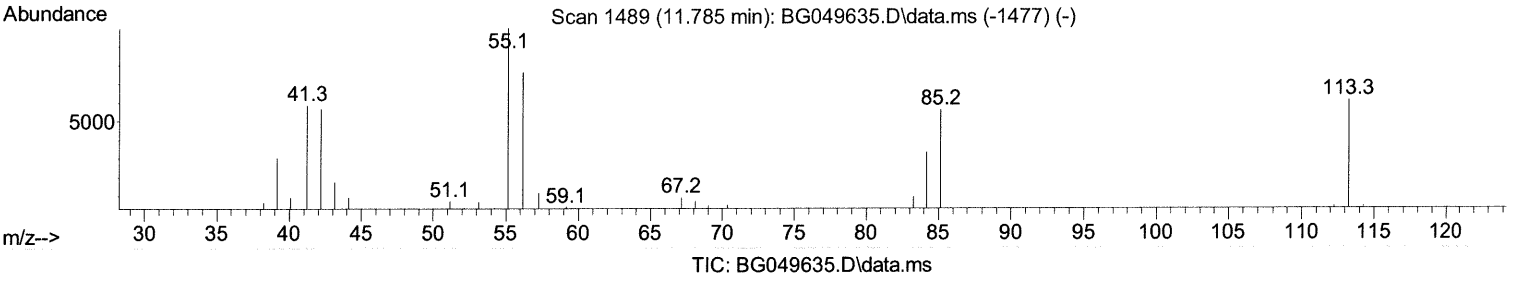

TIC: BG049635.D\data.ms

(34) Caprolactam

11.785min (0.000) 22.43 ng/ul m 08/09/2021

response 12340

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	163.92
56.00	125.20	125.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049635.D
Acq On : 4 Aug 2021 13:10
Operator : CG/JU
Sample : SSTD02017
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020417

Manual Integrations APPROVED
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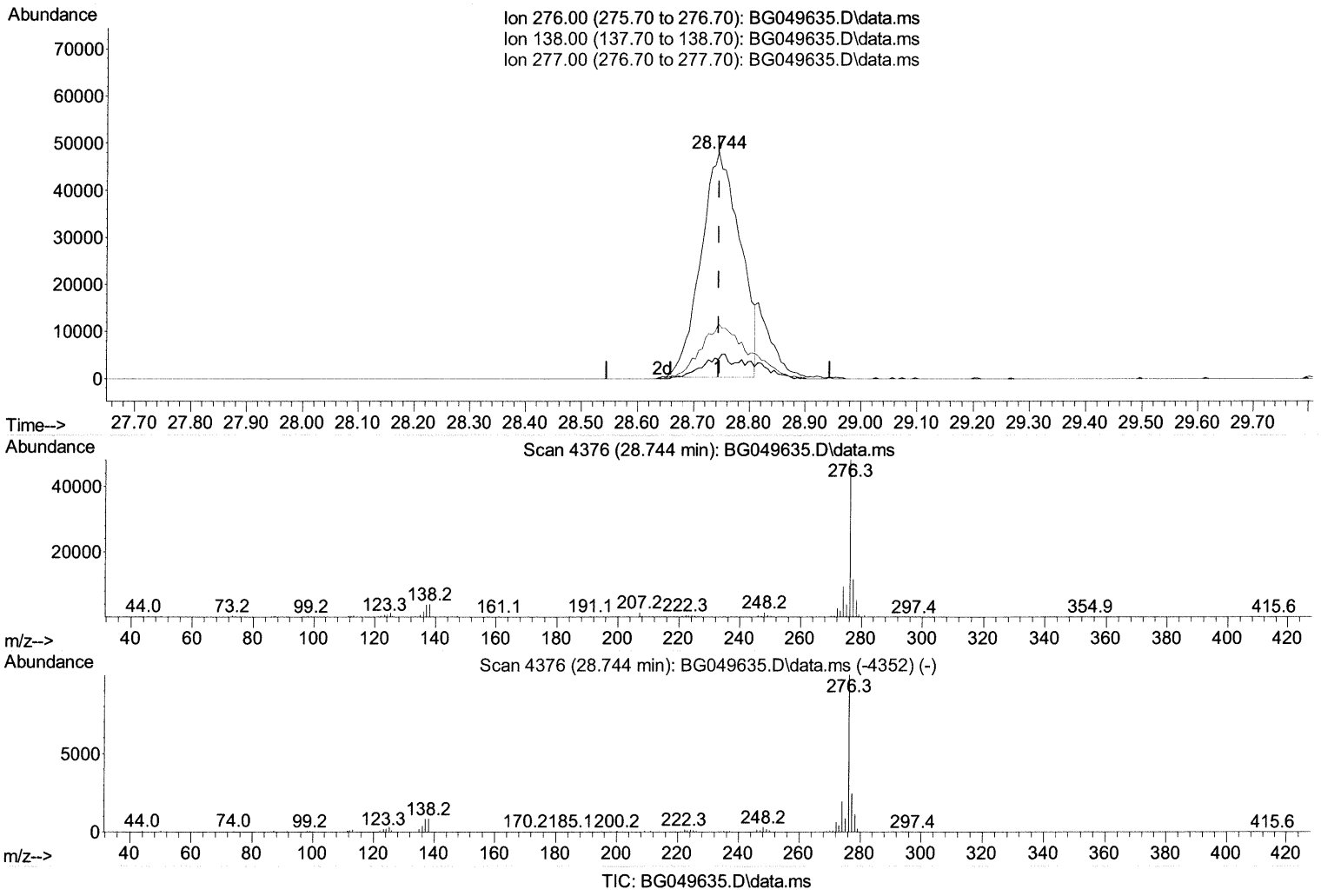

TIC: BG049635.D\data.ms

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

28.744min (0.000) 22.36 ng/ul

response 233413

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.33
277.00	24.30	24.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049635.D
Acq On : 4 Aug 2021 13:10
Operator : CG/JU
Sample : SSTD02017
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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Instrument :
BNA_G
ClientSampleId :
SSTD020417

Manual Integrations APPROVED
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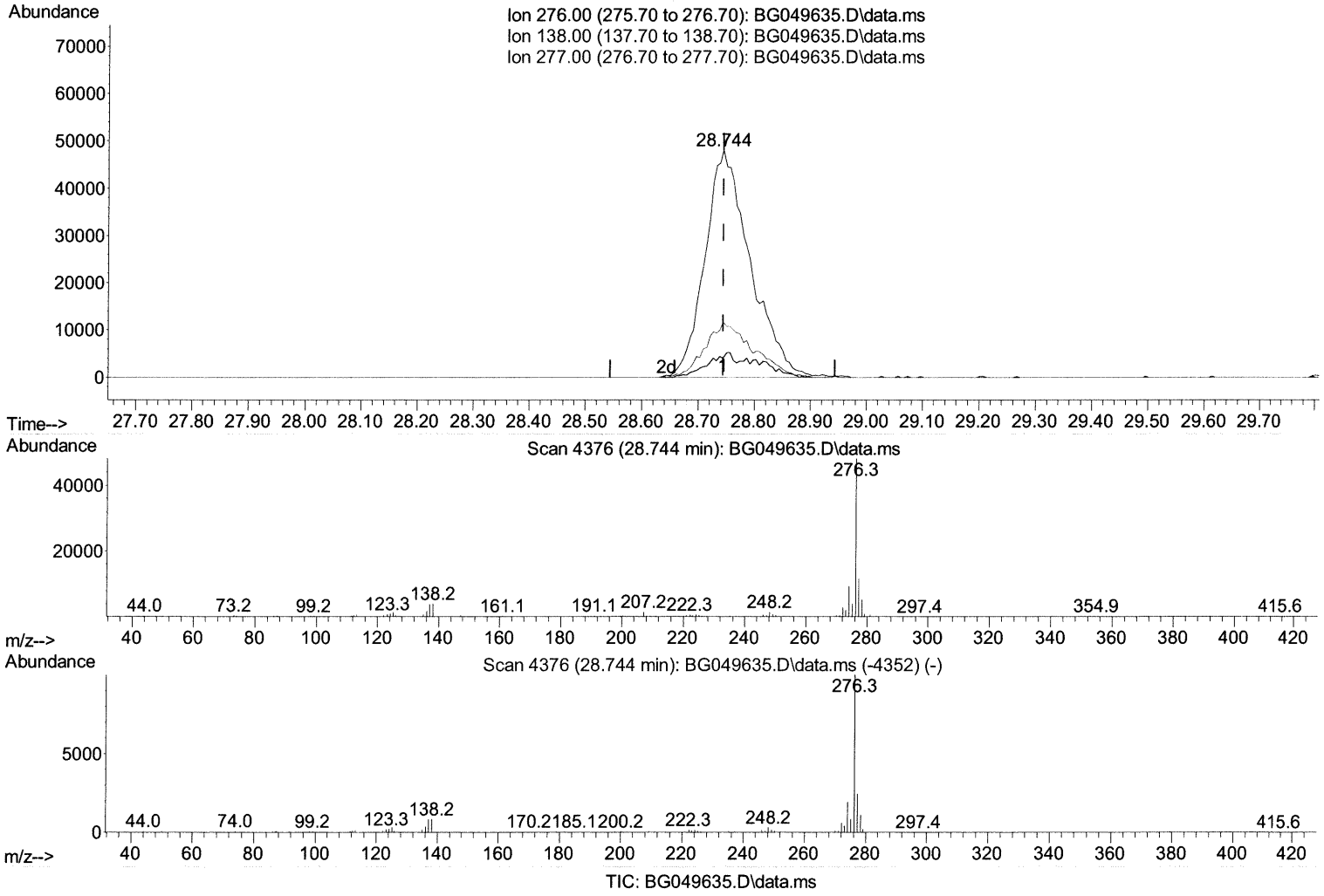

TIC: BG049635.D\data.ms

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

28.744min (0.000) 25.62 ng/ul m 08/04/21 JU

response 267416

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.33
277.00	24.30	24.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049635.D
Acq On : 4 Aug 2021 13:10
Operator : CG/JU
Sample : SSTD02017
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020417

Manual Integrations APPROVED
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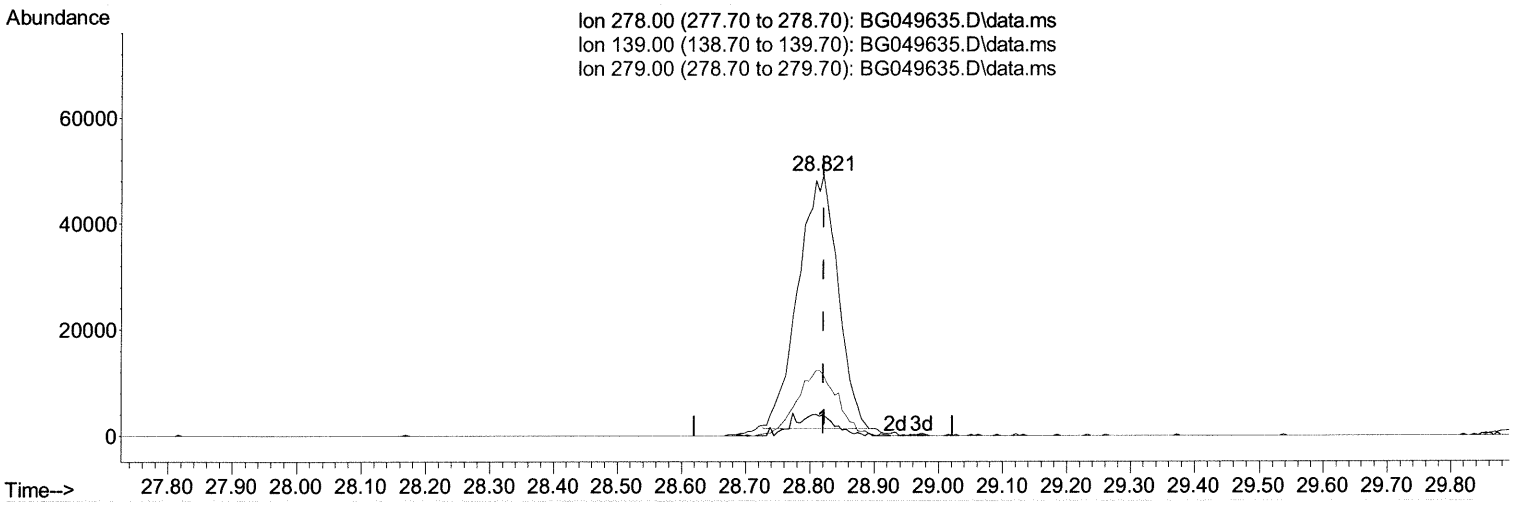

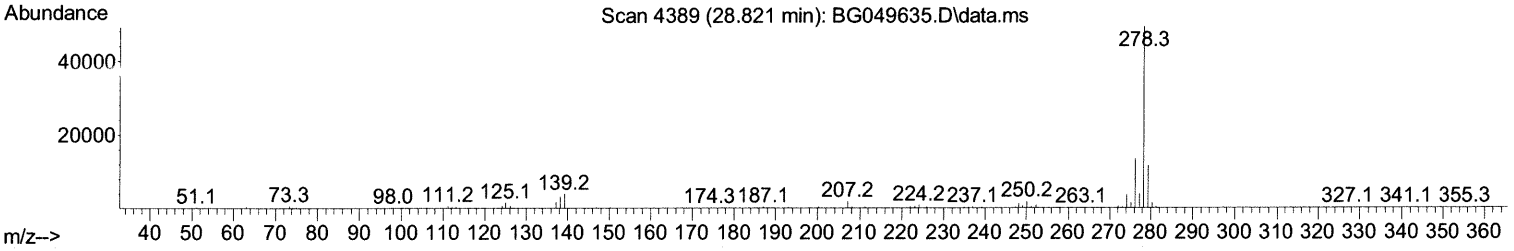

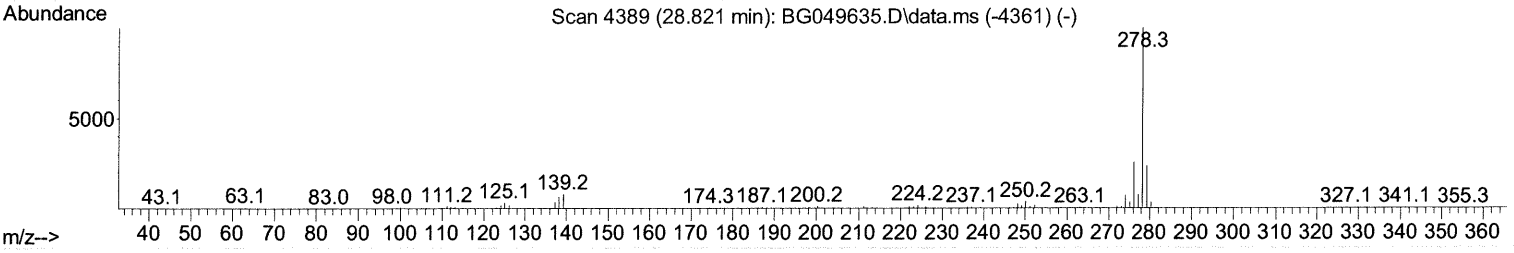

TIC: BG049635.D\data.ms

(95) Dibenzo(a,h)anthracene

28.821min (0.000) 23.57 ng/ul

response 203612

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	7.93
279.00	23.60	23.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049635.D
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Operator : CG/JU
Sample : SSTD02017
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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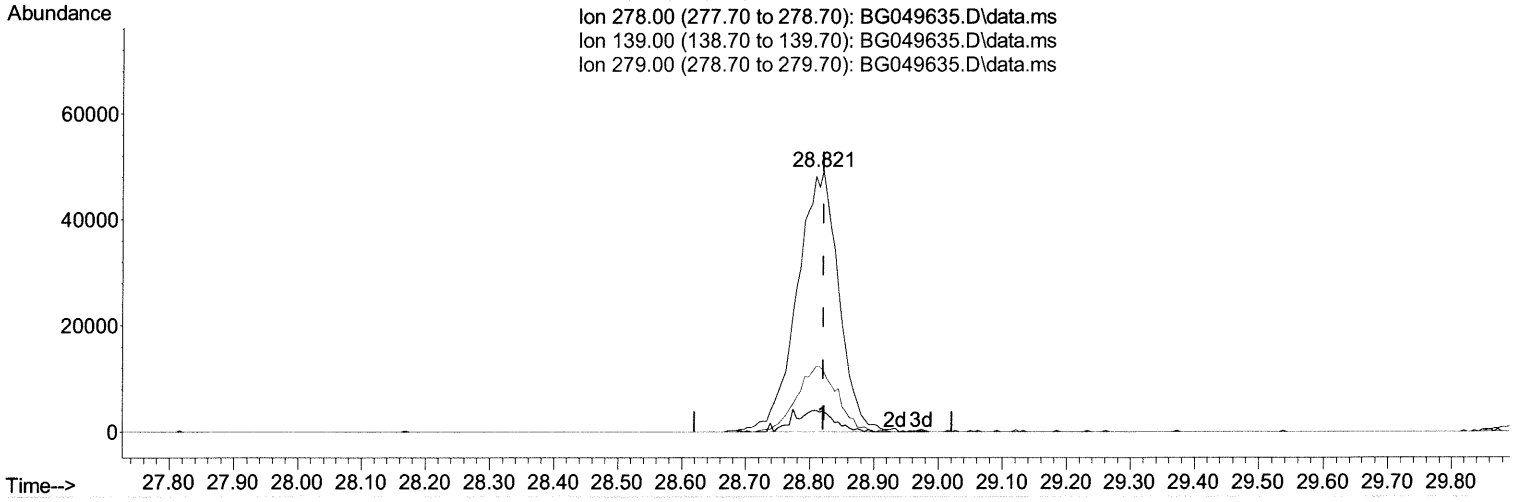

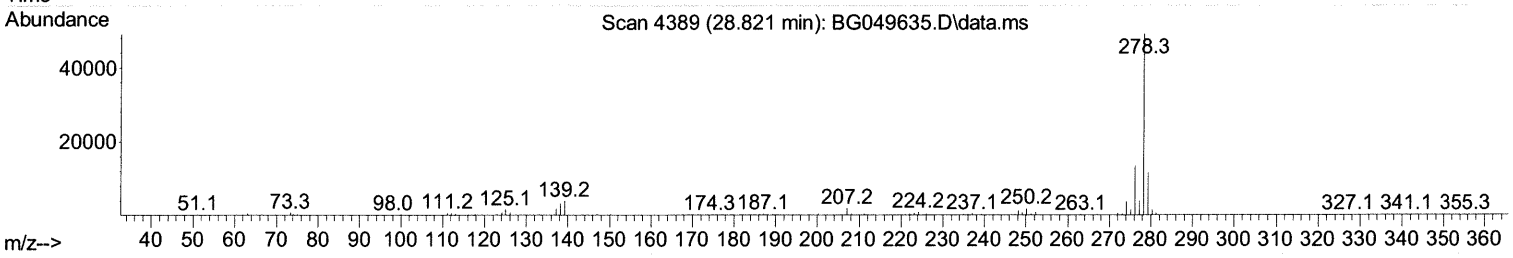

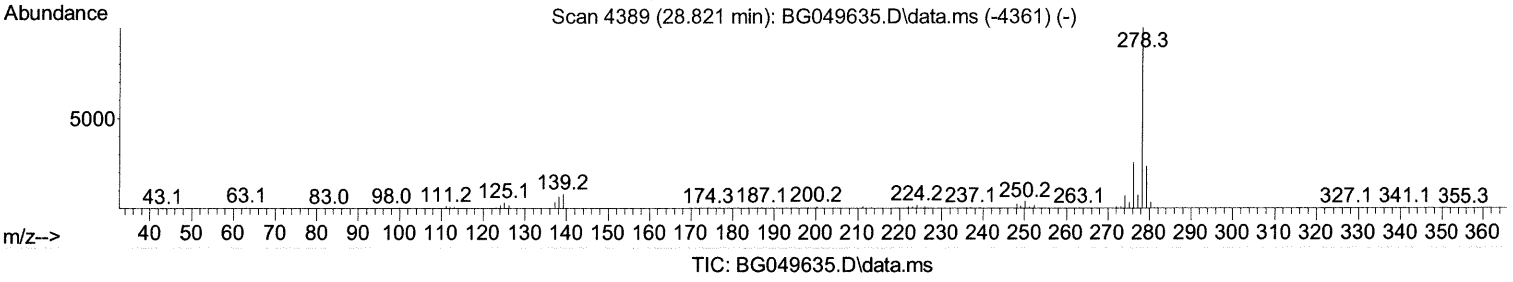

TIC: BG049635.D\data.ms

(95) Dibenzo(a,h)anthracene

28.821min (0.000) 25.60 ng/ul m 08/04/21 JU

response 221129

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	7.93
279.00	23.60	23.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.043	152	24503	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	100973	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	68639	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	148040	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	141109	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	150452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	5159	9.632	ng/uL	0.00
4) Pyridine-d5	3.849	84	32961	21.427	ng/ul	0.00
7) Phenol-d5	7.197	99	47327	21.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	27850	22.682	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	35220	22.664	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	36918	22.592	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	17849	22.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	21077	23.169	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	38102	23.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	51462	22.318	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	121427	23.095	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	140112	22.943	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	18983	21.924	ng/ul	0.00
60) Fluorene-d10	15.686	176	103772	22.910	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	21471	23.405	ng/ul	0.00
73) Anthracene-d10	17.542	188	158660	23.060	ng/ul	0.00
81) Pyrene-d10	19.833	212	182330	25.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	187810	23.751	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	6450m	> 8.811	ng/uL	> 08/09/21 JU
5) Pyridine	3.872	79	38742	23.544	ng/ul	100
6) Benzaldehyde	7.174	77	23408	18.095	ng/ul	100
8) Phenol	7.226	94	47603	22.478	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.456	93	36052	24.710	ng/ul	100
12) 2-Chlorophenol	7.602	128	35900	23.996	ng/ul	100
13) 2-Methylphenol	8.484	108	37977	23.529	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.578	45	40256	23.545	ng/ul	100
16) Acetophenone	8.871	105	63575	24.173	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.854	70	34654	25.553	ng/ul	100
18) 4-Methylphenol	8.813	108	41128	24.221	ng/ul	100
19) Hexachloroethane	9.130	117	16528	24.523	ng/ul	100
22) Nitrobenzene	9.253	77	57291	24.717	ng/ul	100
23) Isophorone	9.776	82	94551	24.344	ng/ul	100
25) 2-Nitrophenol	9.970	139	21533	25.152	ng/ul	100
26) 2,4-Dimethylphenol	10.029	107	48240	23.643	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.258	93	48167	24.864	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	35870	22.178	ng/ul	100
30) Naphthalene	10.916	128	122768	23.604	ng/ul	100
32) 4-Chloroaniline	11.021	127	49264	22.460	ng/ul	100
33) Hexachlorobutadiene	11.198	225	30369	24.559	ng/ul	100
34) Caprolactam	11.785	113	12340m	>22.433	ng/ul	> 08/09/21 JU
35) 4-Chloro-3-methylphenol	12.143	107	44317	24.352	ng/ul	100

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ClientSampleId : SSTD020417

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.519	142	92366	24.264	ng/ul	100
37) 1-Methylnaphthalene	12.743	142	86642	22.524	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.889	216	49902	24.461	ng/ul	100
40) Hexachlorocyclopentadiene	12.866	237	25434	20.691	ng/ul	100
41) 2,4,6-Trichlorophenol	13.124	196	30984	24.715	ng/ul	100
42) 2,4,5-Trichlorophenol	13.201	196	31834	23.777	ng/ul	100
43) 1,1'-Biphenyl	13.524	154	118988	24.344	ng/ul	100
44) 2-Chloronaphthalene	13.571	162	95423	25.088	ng/ul	100
45) 2-Nitroaniline	13.771	65	33048	24.484	ng/ul	100
47) Dimethylphthalate	14.141	163	125519	24.548	ng/ul	100
48) 2,6-Dinitrotoluene	14.264	165	25505	24.994	ng/ul	100
50) Acenaphthylene	14.417	152	146821	25.175	ng/ul	100
51) 3-Nitroaniline	14.599	138	19589	19.248	ng/ul	100
52) Acenaphthene	14.757	153	102455	24.495	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	11894	23.395	ng/ul	100
55) 4-Nitrophenol	14.904	109	24475	20.846	ng/ul	100
56) Dibenzofuran	15.092	168	142033	25.148	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	37358	25.827	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.321	232	28641	23.573	ng/ul	100
59) Diethylphthalate	15.504	149	126888	23.978	ng/ul	100
61) Fluorene	15.744	166	116234	24.242	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.733	204	62443	25.018	ng/ul	100
63) 4-Nitroaniline	15.762	138	18858	18.686	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.821	198	21055	24.933	ng/ul	100
67) N-Nitrosodiphenylamine	15.944	169	95201	24.538	ng/ul	100
68) 4-Bromophenyl-phenylether	16.631	248	40574	24.615	ng/ul	100
69) Hexachlorobenzene	16.755	284	46654	25.015	ng/ul	100
70) Atrazine	16.890	200	42675	24.083	ng/ul	100
71) Pentachlorophenol	17.101	266	18540	21.470	ng/ul	100
72) Phenanthrene	17.489	178	182808	23.720	ng/ul	100
74) Anthracene	17.577	178	188987	24.199	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.494	216	50205	24.957	ng/uL	100
76) Pentachlorobenzene	15.016	250	52266	24.557	ng/uL	100
77) Carbazole	17.847	167	159296	22.815	ng/ul	100
78) Di-n-butylphthalate	18.400	149	208516	24.015	ng/ul	100
80) Fluoranthene	19.498	202	232981	26.593	ng/ul	100
82) Pyrene	19.862	202	231928	26.663	ng/ul	100
83) Butylbenzylphthalate	20.738	149	90018	26.581	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.619	252	74783	23.065	ng/ul	100
85) Benzo(a)anthracene	21.707	228	219908	25.490	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.601	149	126230	25.116	ng/ul	100
87) Chrysene	21.777	228	205676	24.908	ng/ul	100
89) Di-n-octyl phthalate	22.829	149	216951	24.531	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	226855	24.057	ng/ul	100
91) Benzo(k)fluoranthene	24.027	252	227349	24.634	ng/ul	100
93) Benzo(a)pyrene	24.850	252	207011	25.304	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.744	276	267416m	25.619	ng/ul	
95) Dibenzo(a,h)anthracene	28.821	278	221129m	25.600	ng/ul	
96) Benzo(g,h,i)perylene	29.919	276	220072	25.358	ng/ul	100

> > 08/04/21 JD

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