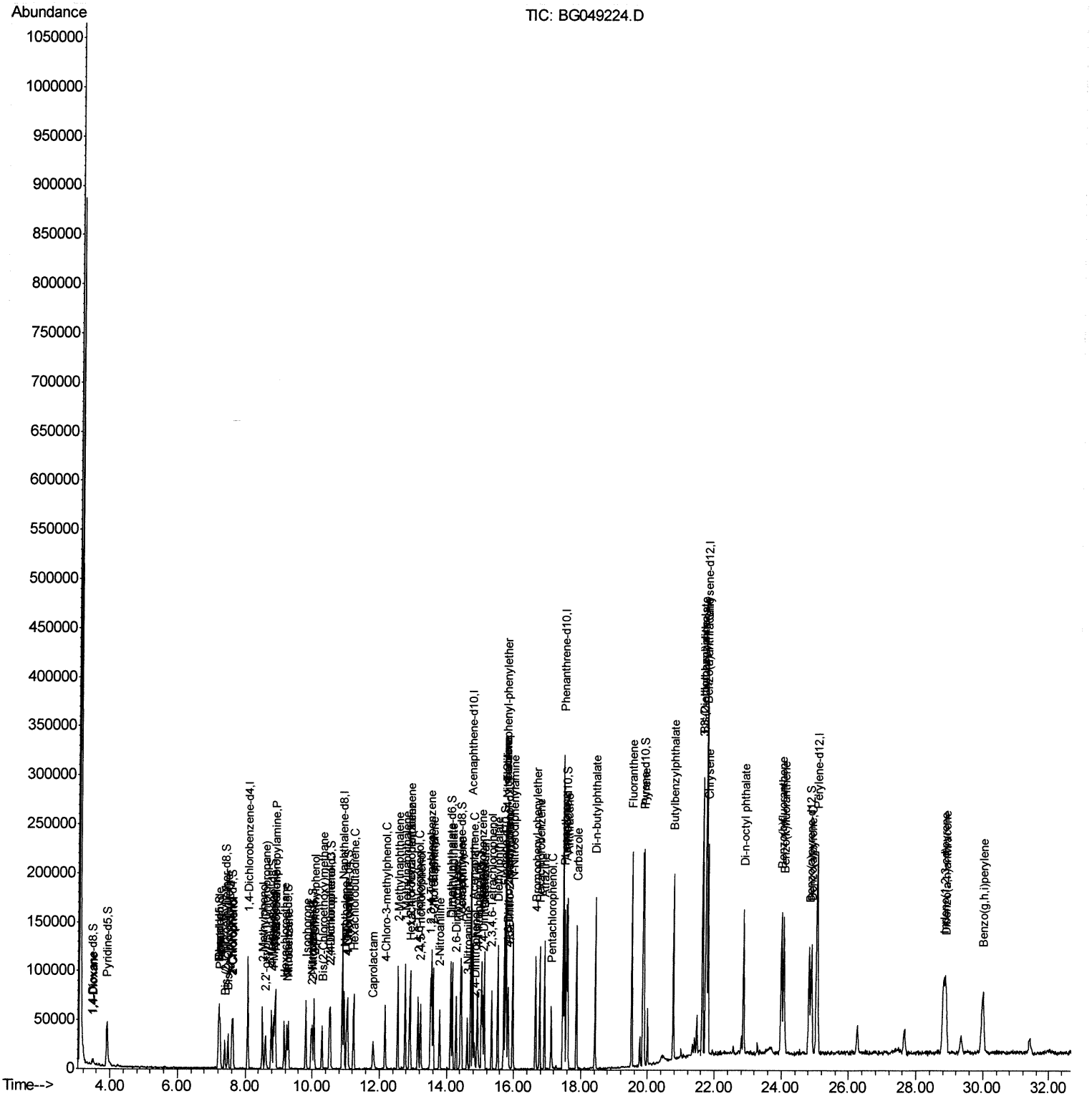
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:44:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:52 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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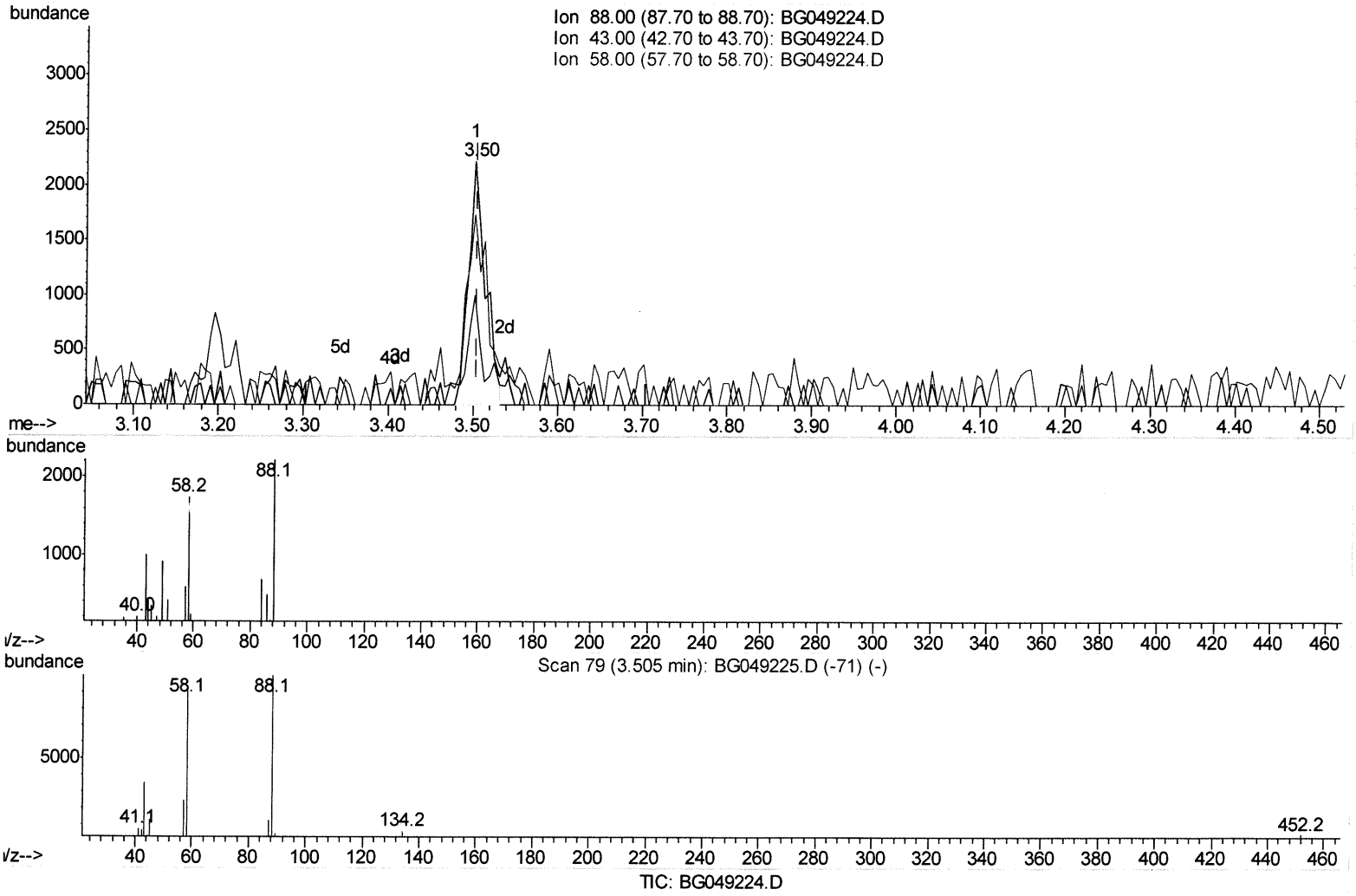

TIC: BG049224.D

(2) 1,4-Dioxane

3.502min (-0.003) 4.59ng/uL

response 3150

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	44.93
58.00	90.90	78.35
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
mohammad
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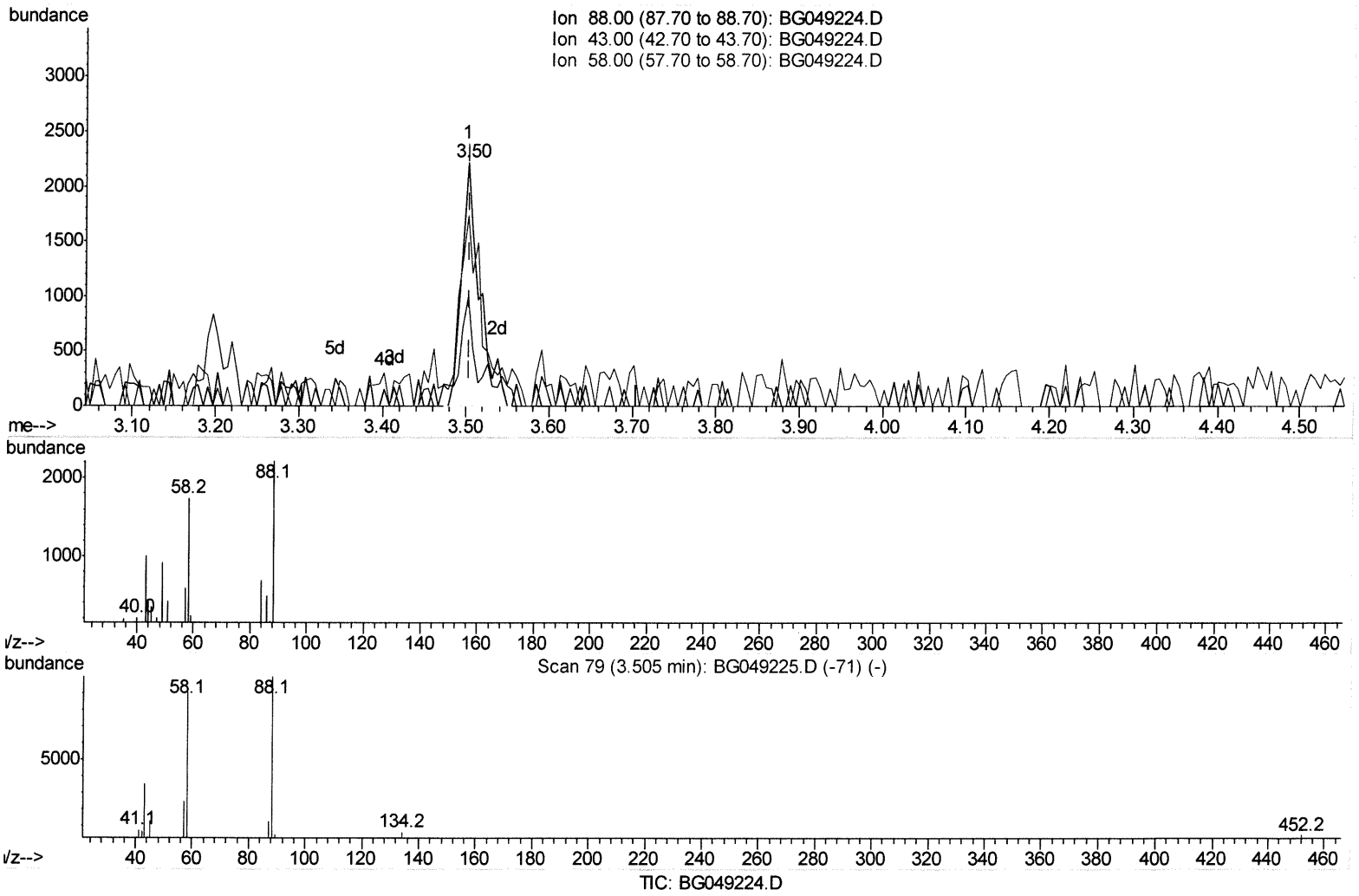

TIC: BG049224.D

(2) 1,4-Dioxane

3.502min (-0.003) 4.91ng/uL m 07/12/21 JU

response 3368

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	44.93
58.00	90.90	78.35
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
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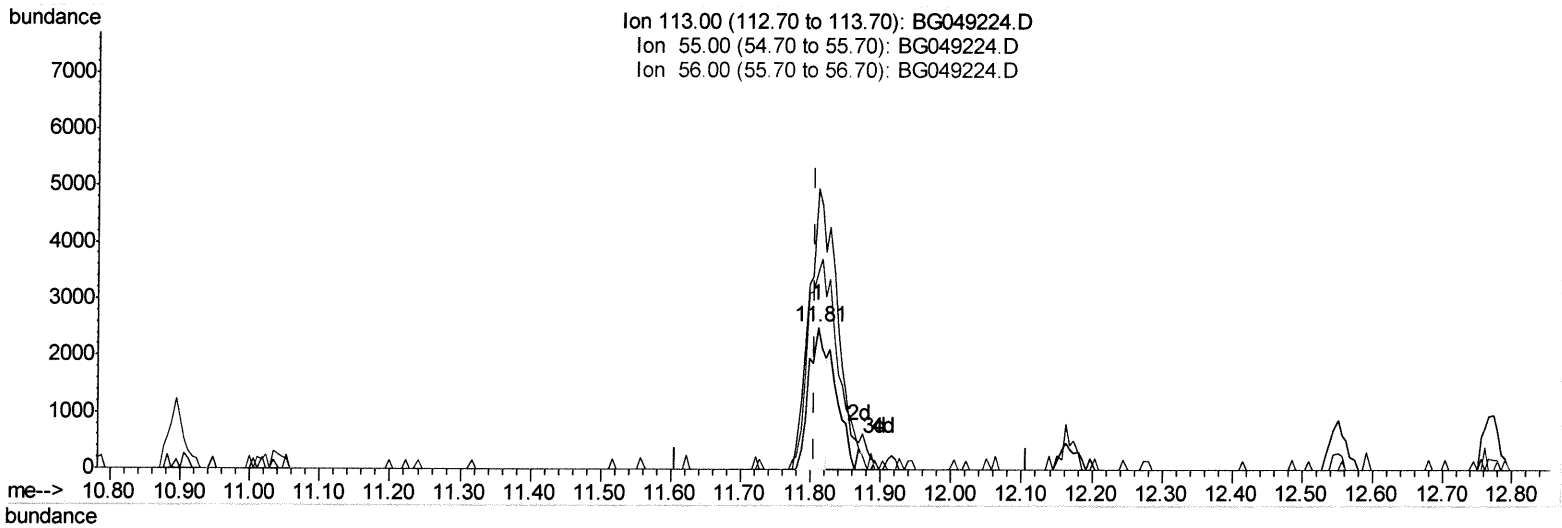

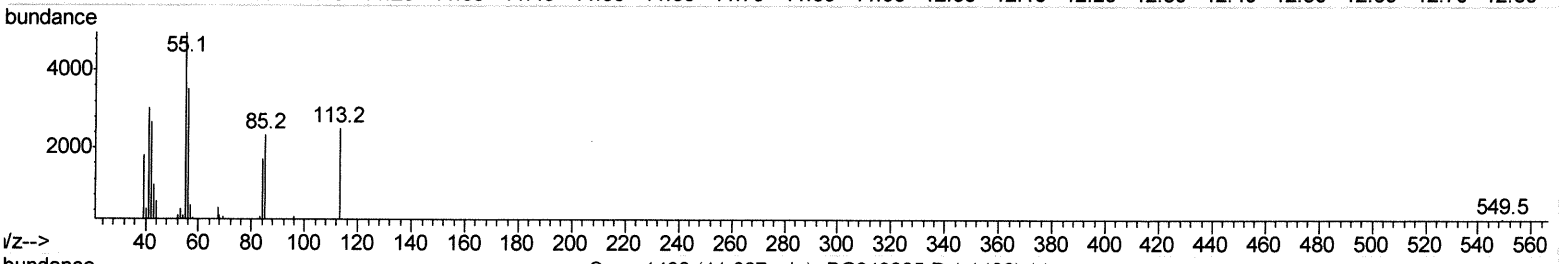

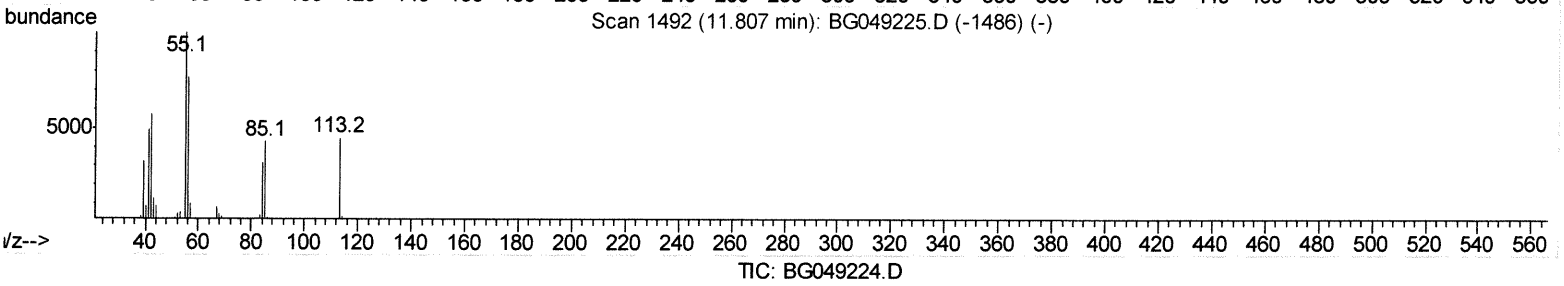

TIC: BG049224.D

(34) Caprolactam

11.810min (+0.003) 5.04ng/ul

response 4109

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	197.77
56.00	171.90	139.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
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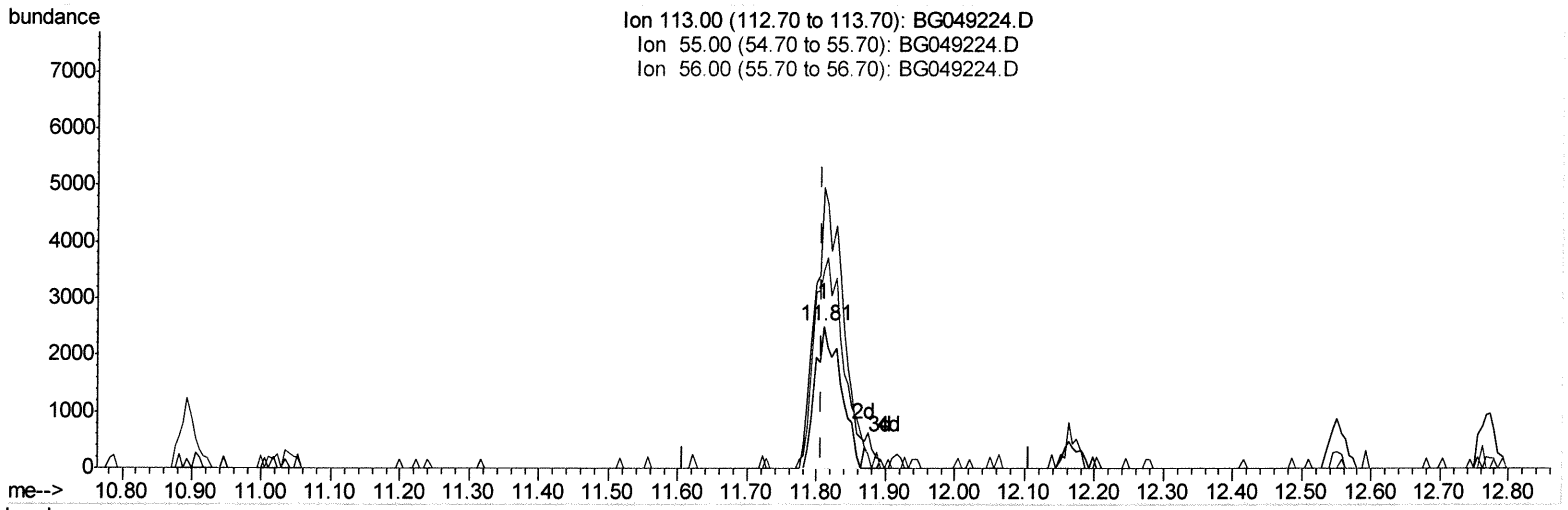
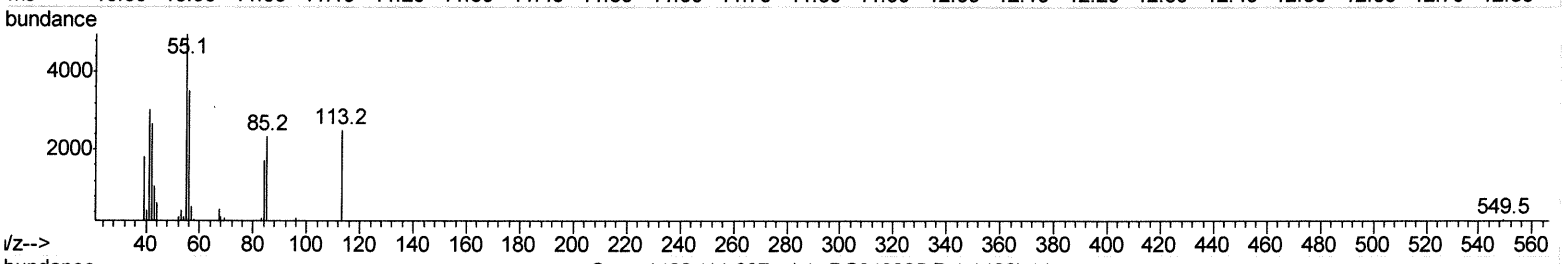
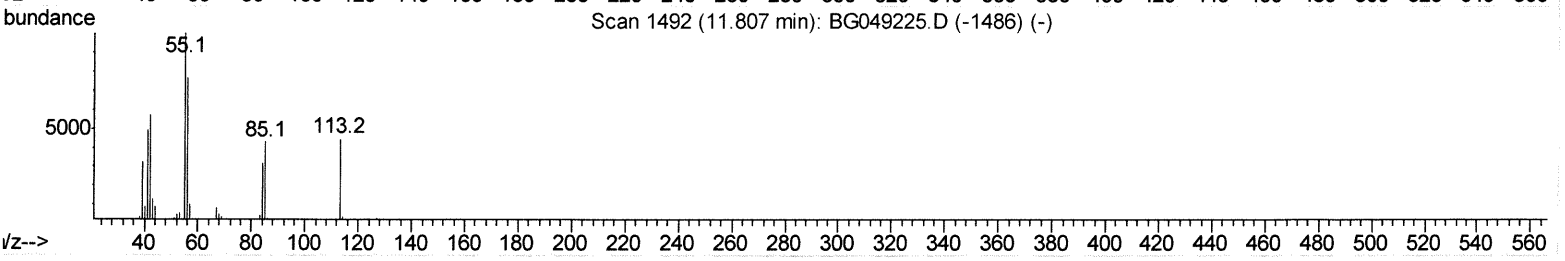




Scan 1492 (11.807 min): BG049225.D (-1486) (-)



TIC: BG049224.D

(34) Caprolactam

11.810min (+0.003) 7.94ng/ul m 07/12/21 JU

response 6471

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	197.77
56.00	171.90	139.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
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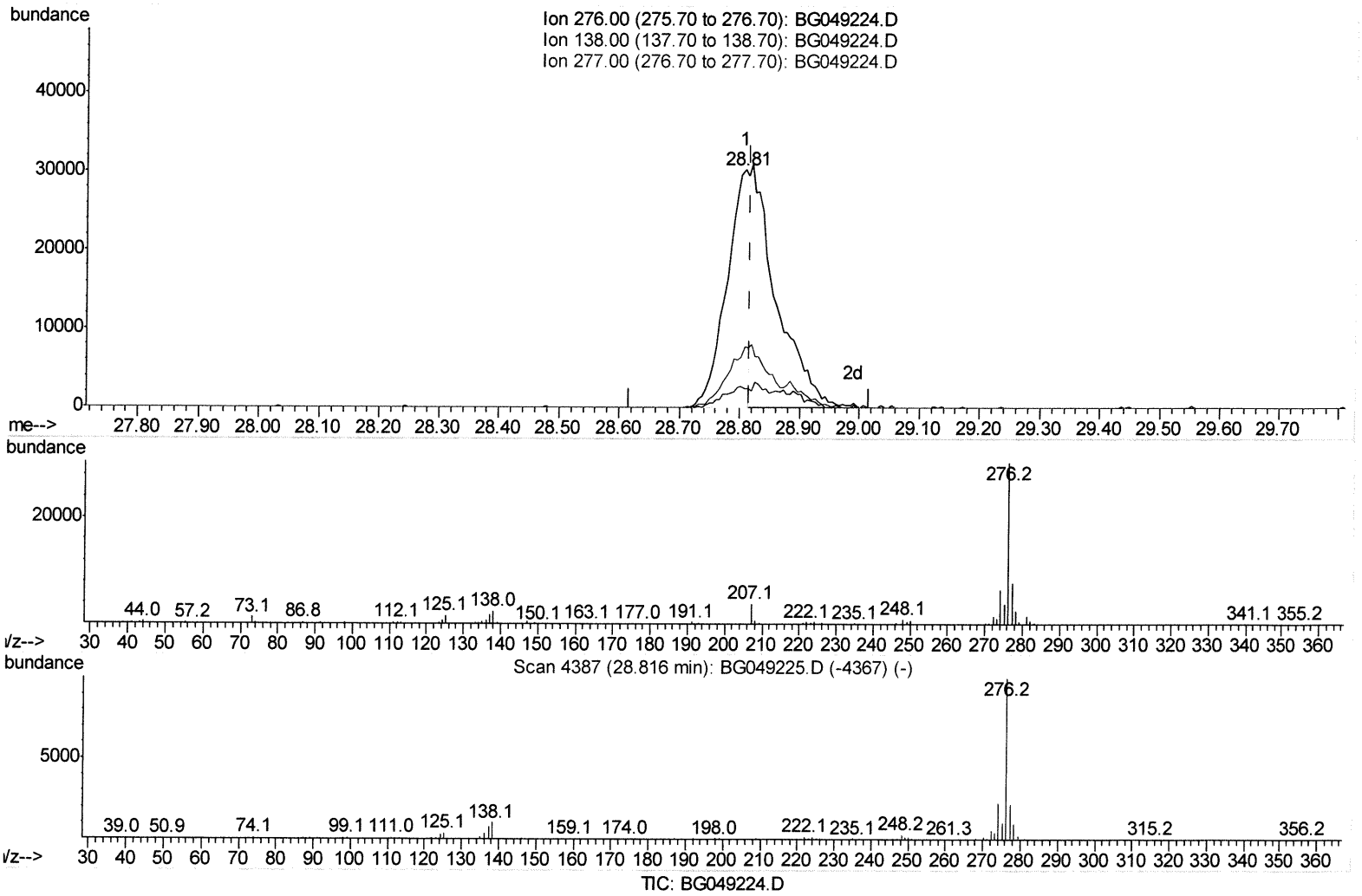

(94) Indeno(1,2,3-cd)pyrene

28.808min (-0.009) 4.51ng/ul

response 79201

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	8.10
277.00	22.10	25.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
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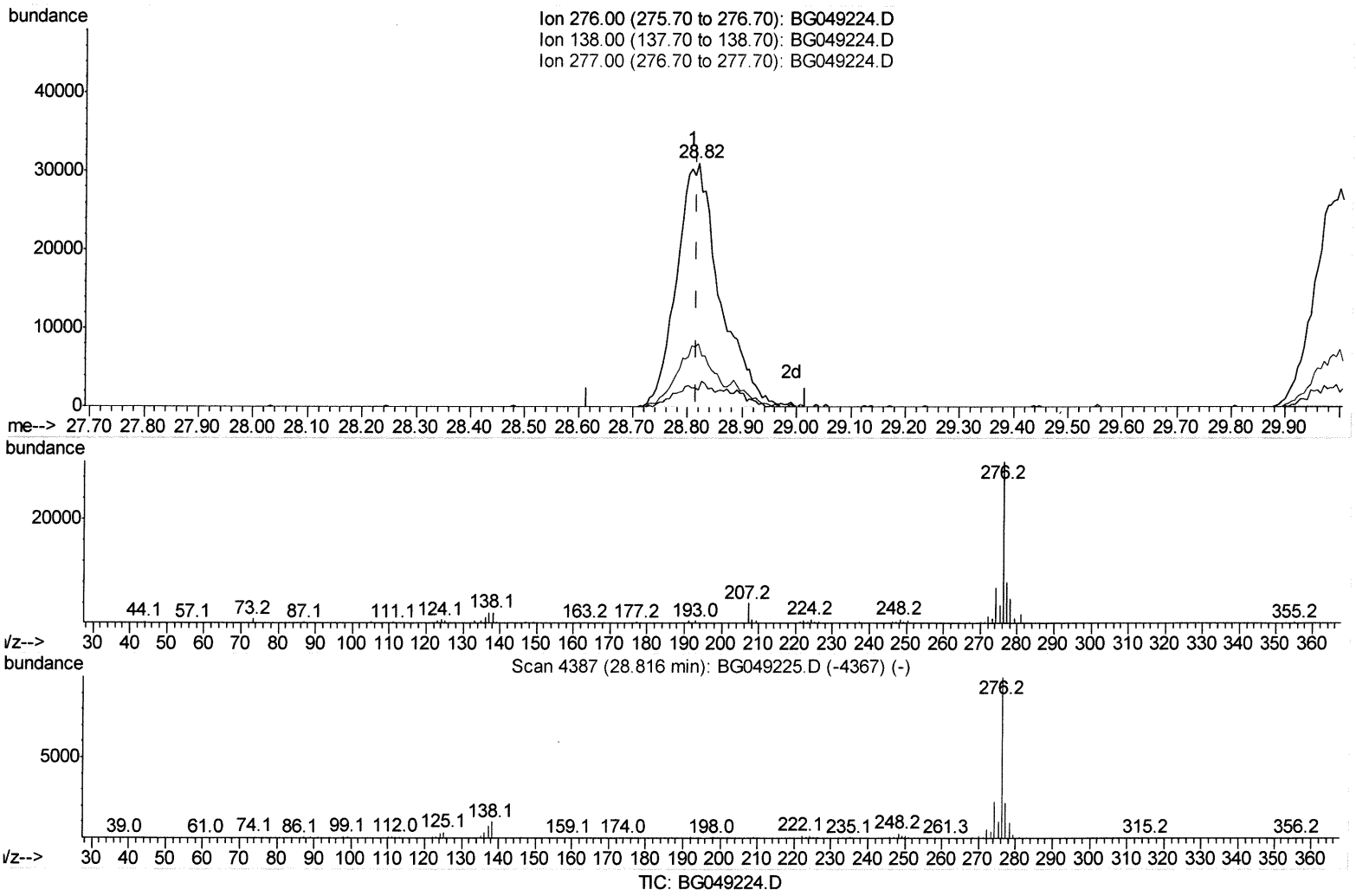

(94) Indeno(1,2,3-cd)pyrene

28.820min (+0.003) 9.73ng/ul m 07/12/21 JU

response 170679

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	6.98#
277.00	22.10	25.73
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
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Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
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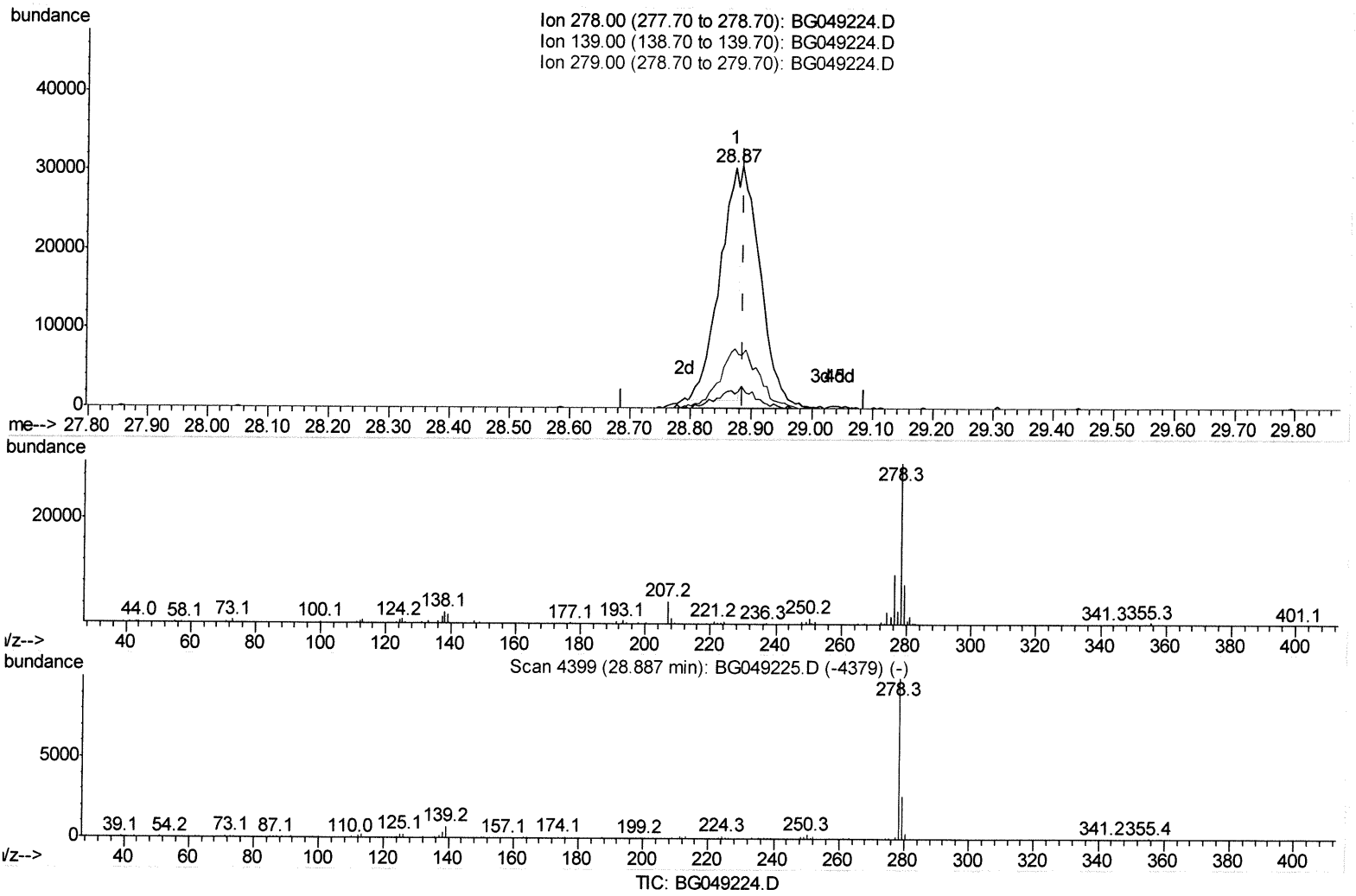

(95) Dibenzo(a,h)anthracene

28.872min (-0.015) 4.81ng/ul

response 68618

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	5.89
279.00	26.40	24.87
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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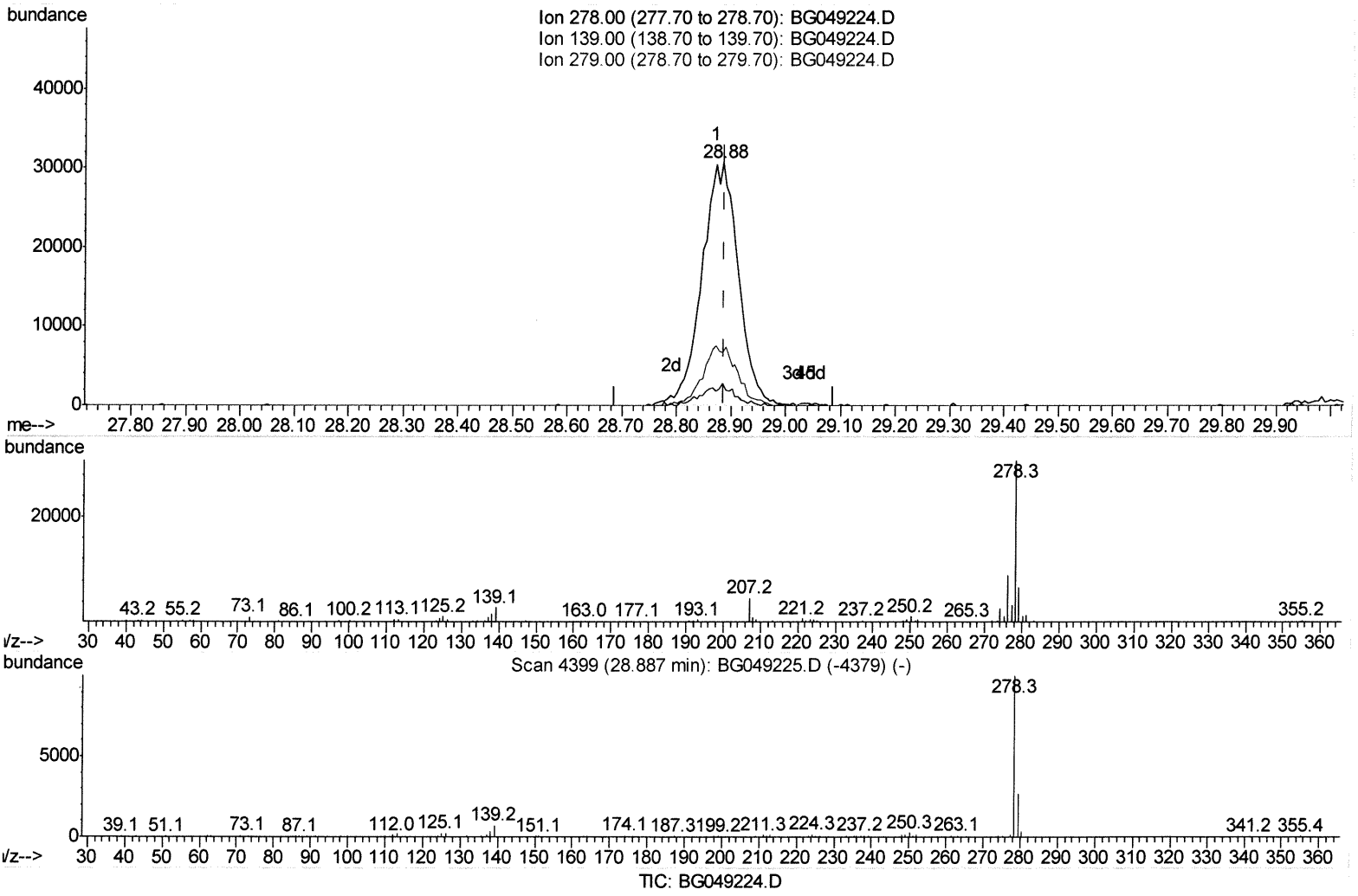

(95) Dibenzo(a,h)anthracene

28.884min (-0.003) 10.02ng/ul m 07/12/21 JU

response 142930

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	9.19#
279.00	26.40	21.63
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
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Quant Time: Jul 09 02:44:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29624	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	122855	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	86933	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	208301	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	231173	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	234779	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2434	3.56	ng/uL	0.00
4) Pyridine-d5	3.90	84	16725	7.99	ng/ul	0.00
7) Phenol-d5	7.23	99	25905	10.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	15232	9.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	19488	10.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	19317	9.15	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	9701	11.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	11010	11.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	21177	9.25	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	28733	9.97	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	70999	9.93	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	83011	10.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	10824	10.16	ng/ul	0.00
60) Fluorene-d10	15.71	176	58945	9.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	12152	11.42	ng/ul	0.00
73) Anthracene-d10	17.57	188	100137	10.52	ng/ul	0.00
81) Pyrene-d10	19.85	212	122245	10.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	125754	9.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	3368m >	4.909	ng/uL >	07/12/21 JU
5) Pyridine	3.91	79	20765	9.931	ng/ul	91
6) Benzaldehyde	7.21	77	13400	8.245	ng/ul	90
8) Phenol	7.26	94	25975	9.547	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.49	93	20480	10.322	ng/ul	91
12) 2-Chlorophenol	7.63	128	19947	10.508	ng/ul	93
13) 2-Methylphenol	8.51	108	19291	9.477	ng/ul	91
14) 2,2'-oxybis(1-Chloropropan	8.60	45	32237	13.751	ng/ul#	89
16) Acetophenone	8.90	105	34526	9.975	ng/ul	89
17) N-Nitroso-di-n-propylamine	8.88	70	18155	8.847	ng/ul#	95
18) 4-Methylphenol	8.84	108	20027	9.372	ng/ul	88
19) Hexachloroethane	9.17	117	8820	9.971	ng/ul	93
22) Nitrobenzene	9.28	77	27901	9.949	ng/ul#	91
23) Isophorone	9.81	82	46848	8.082	ng/ul	97
25) 2-Nitrophenol	10.00	139	11244	10.602	ng/ul	96
26) 2,4-Dimethylphenol	10.05	107	25009	8.961	ng/ul	93
27) Bis(2-Chloroethoxy)methane	10.29	93	26536	9.094	ng/ul	97
29) 2,4-Dichlorophenol	10.54	162	20276	9.484	ng/ul#	90
30) Naphthalene	10.95	128	64705	9.966	ng/ul	97
32) 4-Chloroaniline	11.05	127	28877	10.188	ng/ul	90
33) Hexachlorobutadiene	11.23	225	16781	8.252	ng/ul	96
34) Caprolactam	11.81	113	6471m >	7.945	ng/ul >	07/12/21 JU

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:44:51 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD010302

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	22458	8.957 ng/ul	94
36) 2-Methylnaphthalene	12.55	142	48944	9.773 ng/ul	95
37) 1-Methylnaphthalene	12.77	142	49578	9.995 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	28874	8.725 ng/ul#	94
40) Hexachlorocyclopentadiene	12.90	237	15728	6.545 ng/ul	93
41) 2,4,6-Trichlorophenol	13.15	196	18207	8.941 ng/ul	92
42) 2,4,5-Trichlorophenol	13.23	196	19820	9.067 ng/ul	82
43) 1,1'-Biphenyl	13.56	154	61690	9.590 ng/ul	99
44) 2-Chloronaphthalene	13.60	162	49093	9.743 ng/ul	96
45) 2-Nitroaniline	13.80	65	17075	10.970 ng/ul	94
47) Dimethylphthalate	14.17	163	65064	9.007 ng/ul#	97
48) 2,6-Dinitrotoluene	14.29	165	13787	11.144 ng/ul	90
50) Acenaphthylene	14.44	152	73097	9.707 ng/ul	98
51) 3-Nitroaniline	14.62	138	11329	9.525 ng/ul#	85
52) Acenaphthene	14.78	153	52207	9.348 ng/ul	97
53) 2,4-Dinitrophenol	14.82	184	6699	8.139 ng/ul	97
55) 4-Nitrophenol	14.92	109	14140	10.024 ng/ul	95
56) Dibenzofuran	15.12	168	74919	9.444 ng/ul	99
57) 2,4-Dinitrotoluene	15.08	165	20282	11.397 ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.34	232	17907	8.666 ng/ul#	87
59) Diethylphthalate	15.53	149	69955	9.690 ng/ul	99
61) Fluorene	15.77	166	63897	9.462 ng/ul#	89
62) 4-Chlorophenyl-phenylether	15.76	204	34758	8.485 ng/ul	96
63) 4-Nitroaniline	15.78	138	10875	8.781 ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.84	198	11699	10.467 ng/ul#	94
67) N-Nitrosodiphenylamine	15.97	169	53789	9.323 ng/ul	96
68) 4-Bromophenyl-phenylether	16.66	248	24079	9.089 ng/ul	97
69) Hexachlorobenzene	16.77	284	26901	9.662 ng/ul	94
70) Atrazine	16.92	200	26112	10.057 ng/ul	97
71) Pentachlorophenol	17.12	266	12964	7.339 ng/ul	95
72) Phenanthrene	17.52	178	107026	10.119 ng/ul	96
74) Anthracene	17.60	178	110041	10.113 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	29463	9.022 ng/uL	95
76) Pentachlorobenzene	15.04	250	31079	9.085 ng/uL	99
77) Carbazole	17.87	167	97427	10.569 ng/ul	97
78) Di-n-butylphthalate	18.43	149	120943	10.483 ng/ul	99
80) Fluoranthene	19.52	202	142233	9.696 ng/ul	98
82) Pyrene	19.88	202	144592	9.870 ng/ul	99
83) Butylbenzylphthalate	20.76	149	55361	10.567 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.65	252	55003	9.714 ng/ul	97
85) Benzo(a)anthracene	21.73	228	149806	9.808 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	80245	10.507 ng/ul	97
87) Chrysene	21.80	228	141730	9.704 ng/ul	98
89) Di-n-octyl phthalate	22.87	149	135681	10.617 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	148651	9.573 ng/ul#	97
91) Benzo(k)fluoranthene	24.07	252	149455	9.794 ng/ul	99
93) Benzo(a)pyrene	24.89	252	132907	9.743 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.82	276	170679m	9.726 ng/ul	
95) Dibenzo(a,h)anthracene	28.88	278	142930m	10.018 ng/ul	
96) Benzo(g,h,i)perylene	30.00	276	141411	9.942 ng/ul#	89

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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
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Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 02:44:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:52 PM

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

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