Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049326.D
Acq On : 14 Jul 2021 12:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 13:48:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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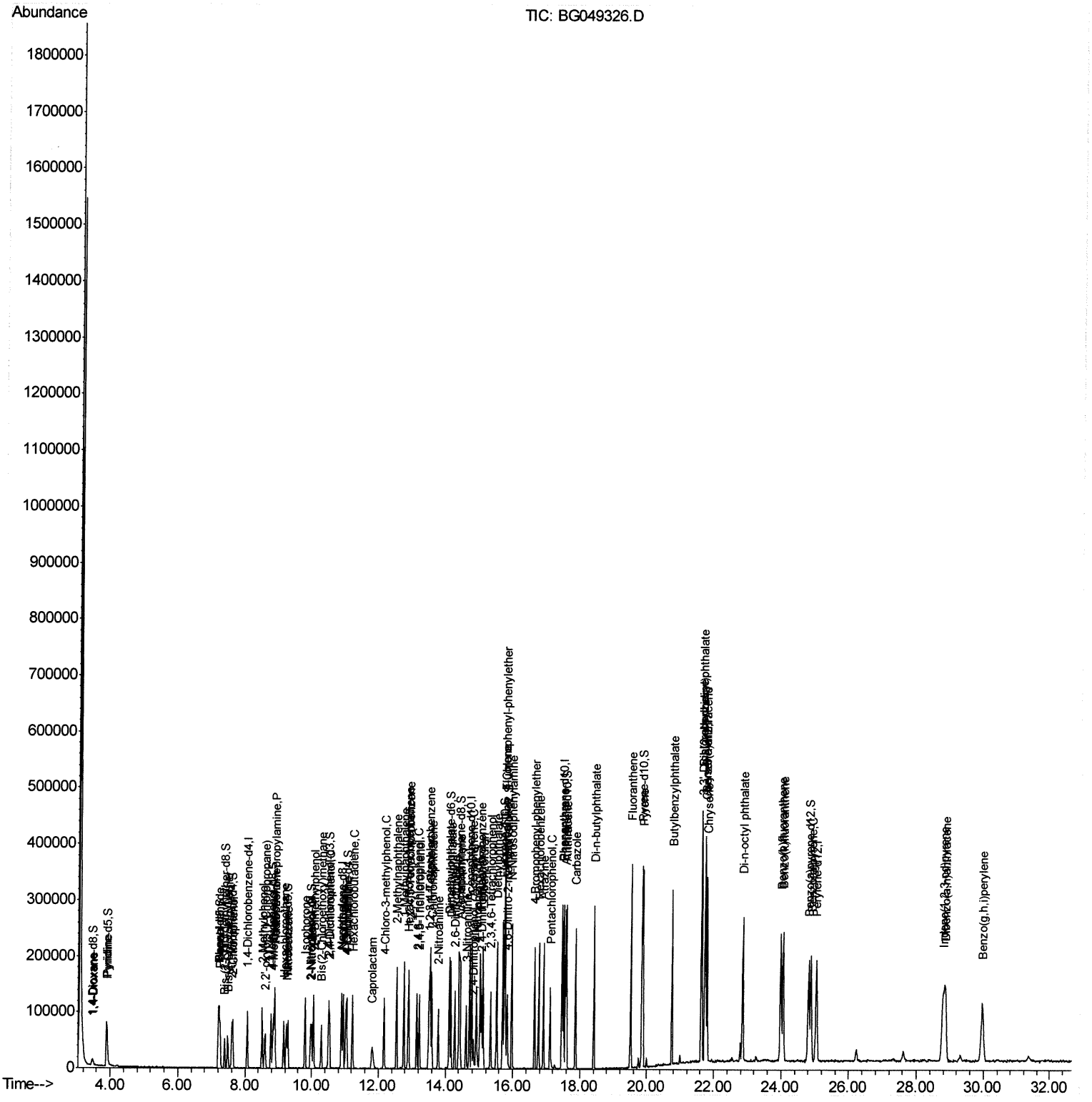

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049326.D
Acq On : 14 Jul 2021 12:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 13:44:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
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LabSampleId :
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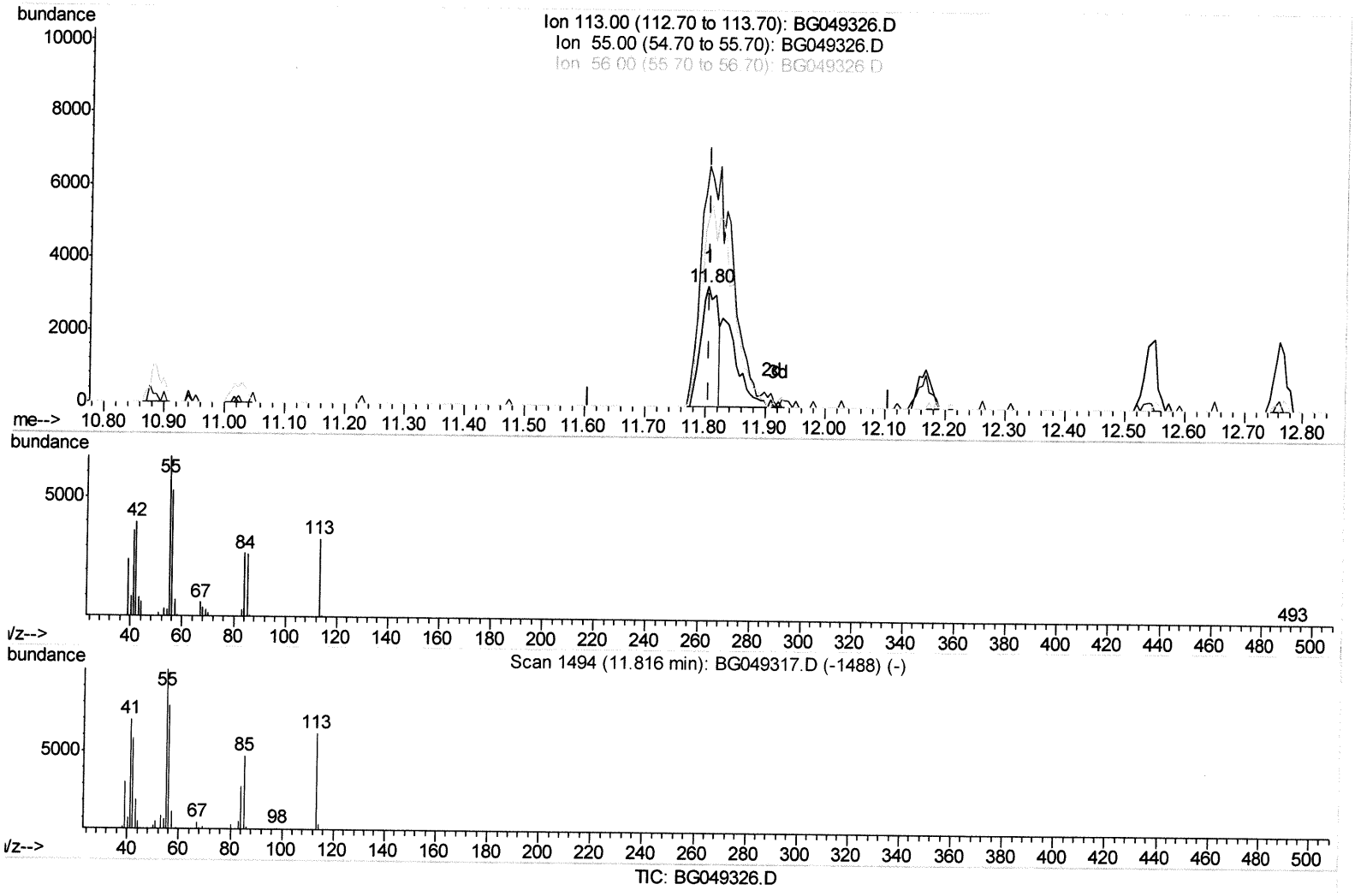

(34) Caprolactam

11.804min (-0.003) 11.26ng/ul

response 6384

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	200.00
56.00	171.90	158.56
0.00	0.00	0.00

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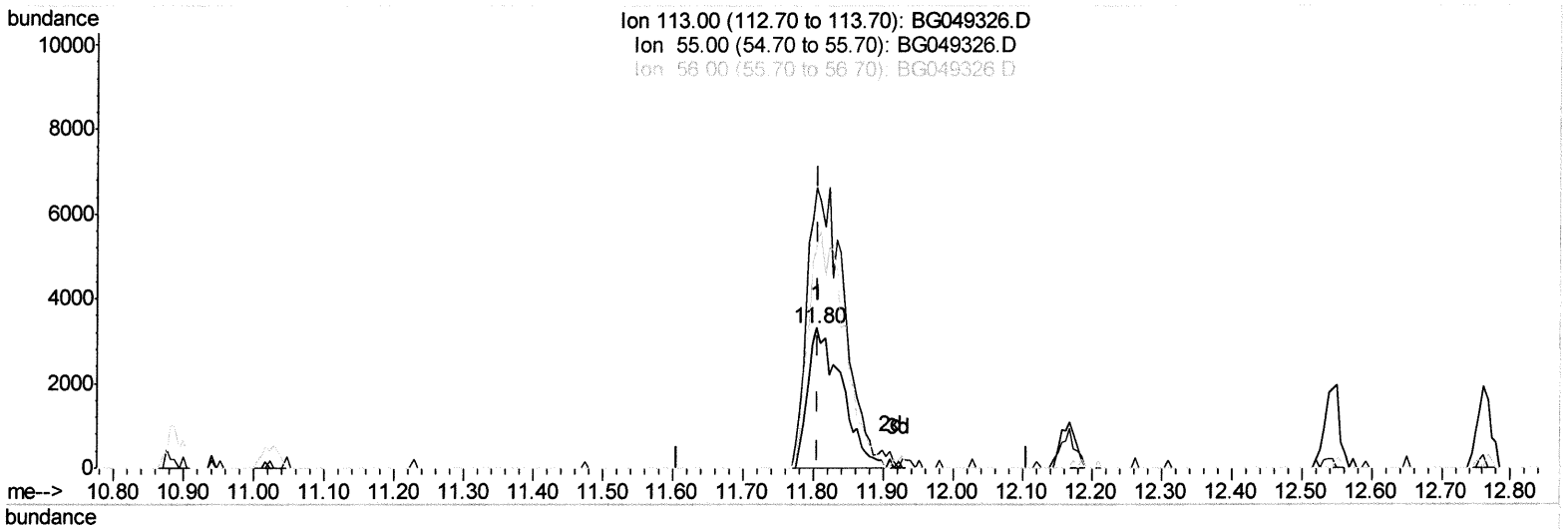
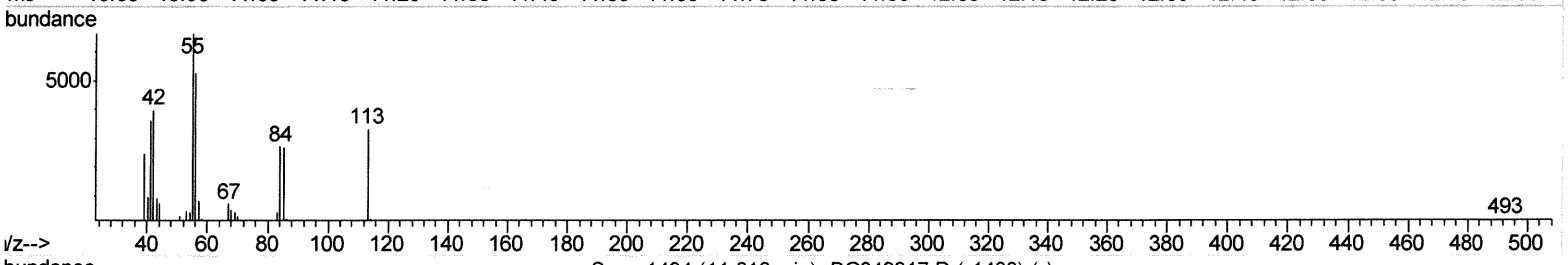
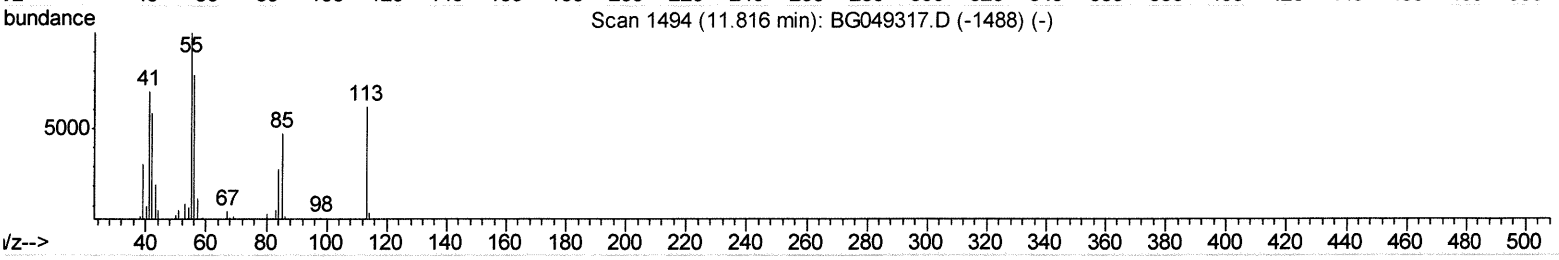




Scan 1494 (11.816 min): BG049317.D (-1488) (-)



TIC: BG049326.D

(34) Caprolactam

11.804min (-0.003) 19.67ng/ul m

response 11152

JU 7/16/21

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	200.00
56.00	171.90	158.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
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Manual Integrations APPROVED
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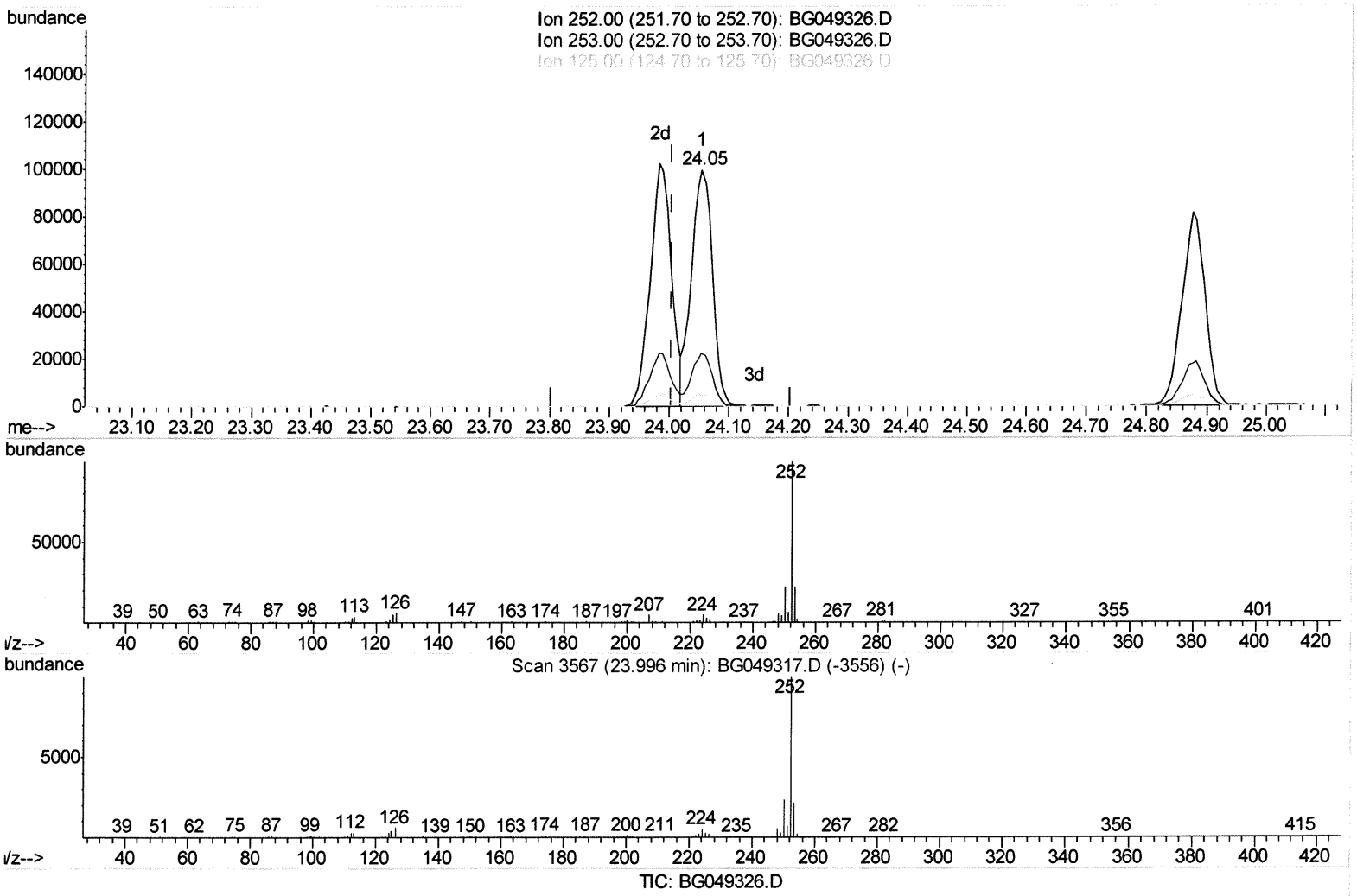

TIC: BG049326.D

(90) Benzo(b)fluoranthene

24.054min (+0.050) 19.90ng/ul

response 244705

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.28
125.00	6.00	4.88
0.00	0.00	0.00

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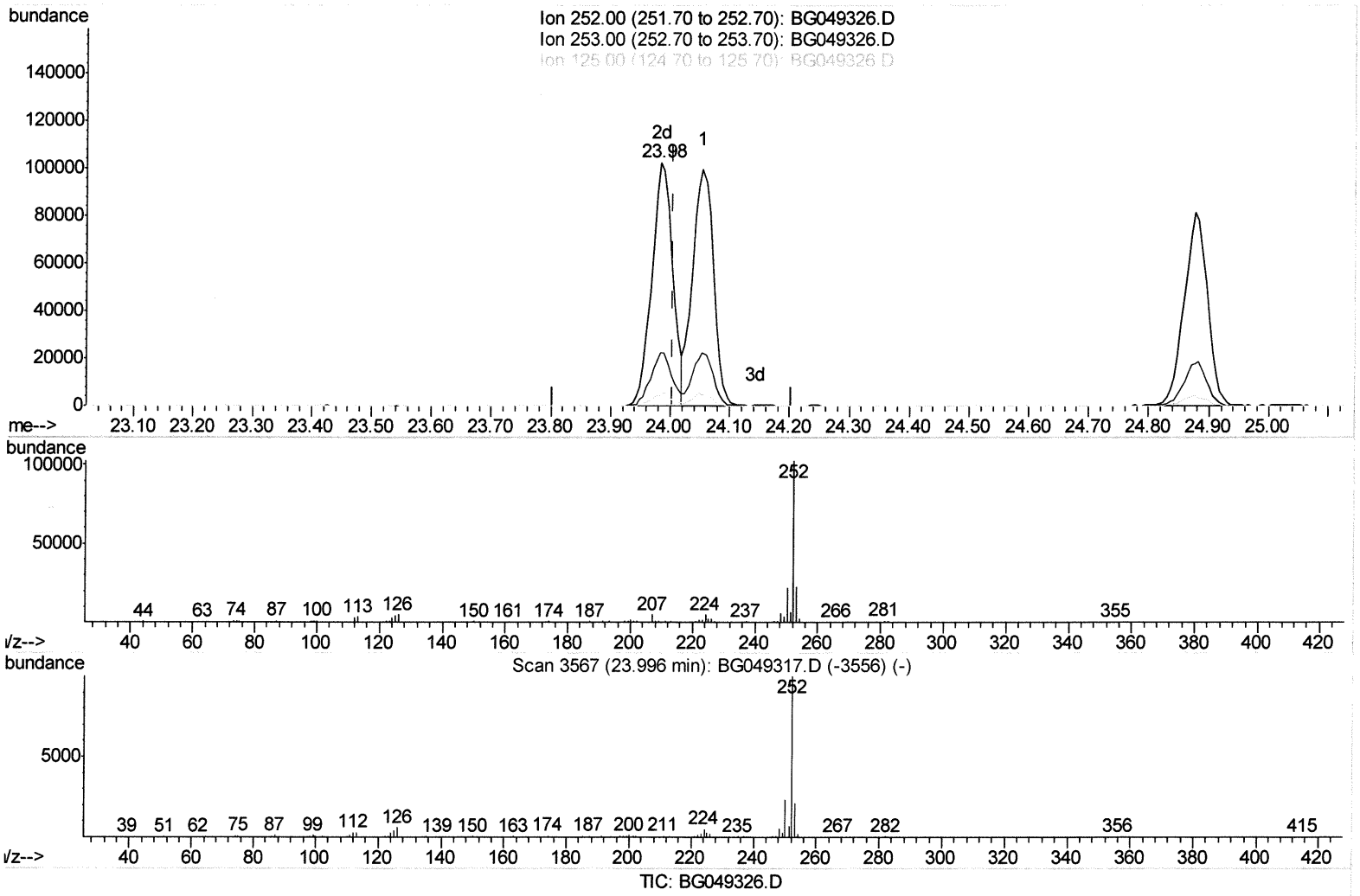

TIC: BG049326.D

(90) Benzo(b)fluoranthene

23.984min (-0.021) 20.24ng/ul m

JU 7/16/21

response 248917

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.98
125.00	6.00	4.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27353	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.89	136	103780	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	78711	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	182087	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	182740	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	199369	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4315	7.42	ng/uL	0.00
4) Pyridine-d5	3.88	84	30449	17.81	ng/ul	0.00
7) Phenol-d5	7.23	99	42108	17.70	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	25829	18.72	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	33658	19.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	35610	18.68	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	16615	20.86	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	19231	21.04	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	38161	21.39	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	48223	20.74	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	123741	20.44	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	144422	20.33	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	17260	17.23	ng/ul	0.00
60) Fluorene-d10	15.71	176	104632	20.42	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	19234	16.62	ng/ul	0.00
73) Anthracene-d10	17.56	188	168946	20.38	ng/ul	0.00
81) Pyrene-d10	19.85	212	197076	21.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	207824	20.05	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	5344	7.546	ng/uL#	77
5) Pyridine	3.90	79	32912	17.351	ng/ul	97
6) Benzaldehyde	7.20	77	31637	22.103	ng/ul	93
8) Phenol	7.25	94	43837	18.423	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.48	93	31685	17.909	ng/ul#	74
12) 2-Chlorophenol	7.63	128	32335	18.217	ng/ul	98
13) 2-Methylphenol	8.51	108	31855	17.575	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.60	45	54300	19.081	ng/ul	97
16) Acetophenone	8.90	105	57717	18.457	ng/ul	92
17) N-Nitroso-di-n-propylamine	8.88	70	31607	19.892	ng/ul#	97
18) 4-Methylphenol	8.84	108	34315	18.198	ng/ul	95
19) Hexachloroethane	9.16	117	15041	18.715	ng/ul#	82
22) Nitrobenzene	9.28	77	46576	20.739	ng/ul#	94
23) Isophorone	9.80	82	84851	21.872	ng/ul	97
25) 2-Nitrophenol	9.99	139	20430	21.905	ng/ul	94
26) 2,4-Dimethylphenol	10.05	107	42472	20.566	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.28	93	44058	21.301	ng/ul	98
29) 2,4-Dichlorophenol	10.53	162	35182	21.585	ng/ul	94
30) Naphthalene	10.94	128	109563	21.174	ng/ul	97
32) 4-Chloroaniline	11.05	127	45594	19.894	ng/ul#	80
33) Hexachlorobutadiene	11.22	225	29769	21.538	ng/ul	98
34) Caprolactam	11.80	113	11152m)	19.668	ng/ul)	

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Quant Time: Jul 14 13:48:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	39052	21.449 ng/ul	96
36) 2-Methylnaphthalene	12.54	142	84095	21.391 ng/ul	92
37) 1-Methylnaphthalene	12.76	142	86388	22.097 ng/ul#	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	49376	19.972 ng/ul#	95
40) Hexachlorocyclopentadiene	12.89	237	30642	18.663 ng/ul	90
41) 2,4,6-Trichlorophenol	13.15	196	34111	21.330 ng/ul	96
42) 2,4,5-Trichlorophenol	13.23	196	33762	19.849 ng/ul	96
43) 1,1'-Biphenyl	13.54	154	110831	20.842 ng/ul	97
44) 2-Chloronaphthalene	13.59	162	83826	20.120 ng/ul	98
45) 2-Nitroaniline	13.79	65	31851	20.851 ng/ul	96
47) Dimethylphthalate	14.16	163	115655	20.584 ng/ul#	99
48) 2,6-Dinitrotoluene	14.28	165	24690	20.404 ng/ul	85
50) Acenaphthylene	14.44	152	131003	20.739 ng/ul	98
51) 3-Nitroaniline	14.61	138	22977	20.853 ng/ul	87
52) Acenaphthene	14.78	153	94827	20.671 ng/ul	99
53) 2,4-Dinitrophenol	14.82	184	13452	17.541 ng/ul	92
55) 4-Nitrophenol	14.92	109	23166	18.316 ng/ul	99
56) Dibenzofuran	15.11	168	136088	20.932 ng/ul	96
57) 2,4-Dinitrotoluene	15.07	165	35025	20.059 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	29487	18.487 ng/ul#	93
59) Diethylphthalate	15.52	149	122927	20.354 ng/ul	97
61) Fluorene	15.76	166	111108	20.193 ng/ul	90
62) 4-Chlorophenyl-phenylether	15.75	204	64070	21.181 ng/ul	98
63) 4-Nitroaniline	15.78	138	23728	21.936 ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.83	198	18666	16.948 ng/ul#	93
67) N-Nitrosodiphenylamine	15.96	169	94243	20.329 ng/ul	100
68) 4-Bromophenyl-phenylether	16.65	248	42380	20.868 ng/ul	96
69) Hexachlorobenzene	16.77	284	48228	20.969 ng/ul	96
70) Atrazine	16.91	200	43080	20.304 ng/ul	97
71) Pentachlorophenol	17.12	266	28465	20.736 ng/ul	94
72) Phenanthrene	17.50	178	179909	20.257 ng/ul	97
74) Anthracene	17.60	178	184300	20.314 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	51316	20.658 ng/uL	92
76) Pentachlorobenzene	15.03	250	54365	20.630 ng/uL	97
77) Carbazole	17.87	167	162374	20.063 ng/ul	96
78) Di-n-butylphthalate	18.42	149	200703	19.820 ng/ul	100
80) Fluoranthene	19.51	202	226917	20.832 ng/ul	99
82) Pyrene	19.88	202	227548	20.965 ng/ul	99
83) Butylbenzylphthalate	20.75	149	87029	20.424 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.64	252	92124	21.577 ng/ul	99
85) Benzo(a)anthracene	21.73	228	227659	20.272 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	129776	20.881 ng/ul	98
87) Chrysene	21.79	228	221228	20.826 ng/ul	98
89) Di-n-octyl phthalate	22.86	149	218689	19.487 ng/ul	100
90) Benzo(b)fluoranthene	23.98	252	248917m>	20.238 ng/ul>	> JU 7/16/21
91) Benzo(k)fluoranthene	24.05	252	244705	20.405 ng/ul	96
93) Benzo(a)pyrene	24.88	252	216055	19.961 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.80	276	278496	19.942 ng/ul	97
95) Dibenzo(a,h)anthracene	28.86	278	238000	20.576 ng/ul#	93
96) Benzo(g,h,i)perylene	29.96	276	236148	20.453 ng/ul#	97

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

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