Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049314.D
Acq On : 13 Jul 2021 11:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 12:28:29 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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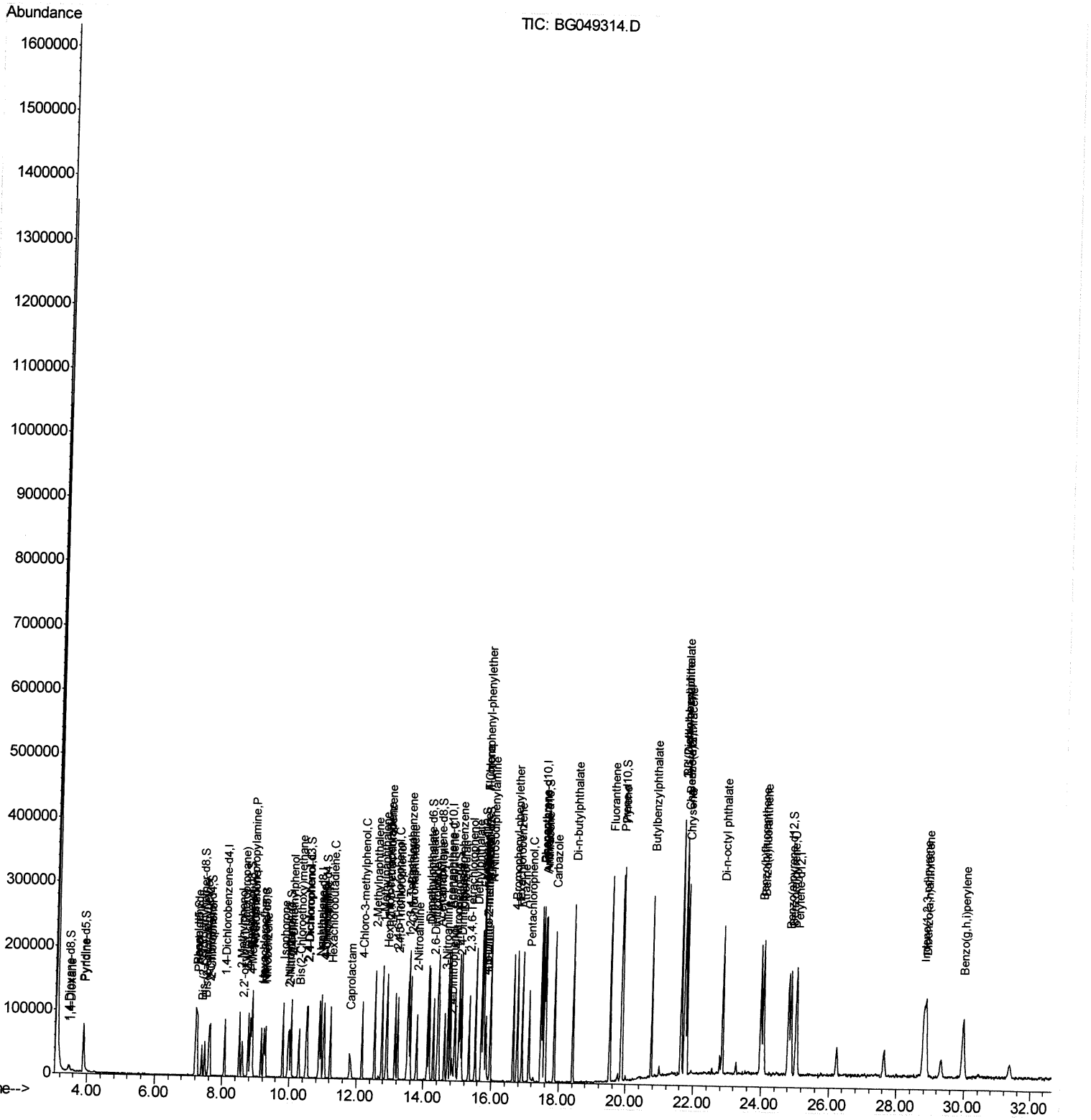

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049314.D
Acq On : 13 Jul 2021 11:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 12:22:29 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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Manual Integrations APPROVED
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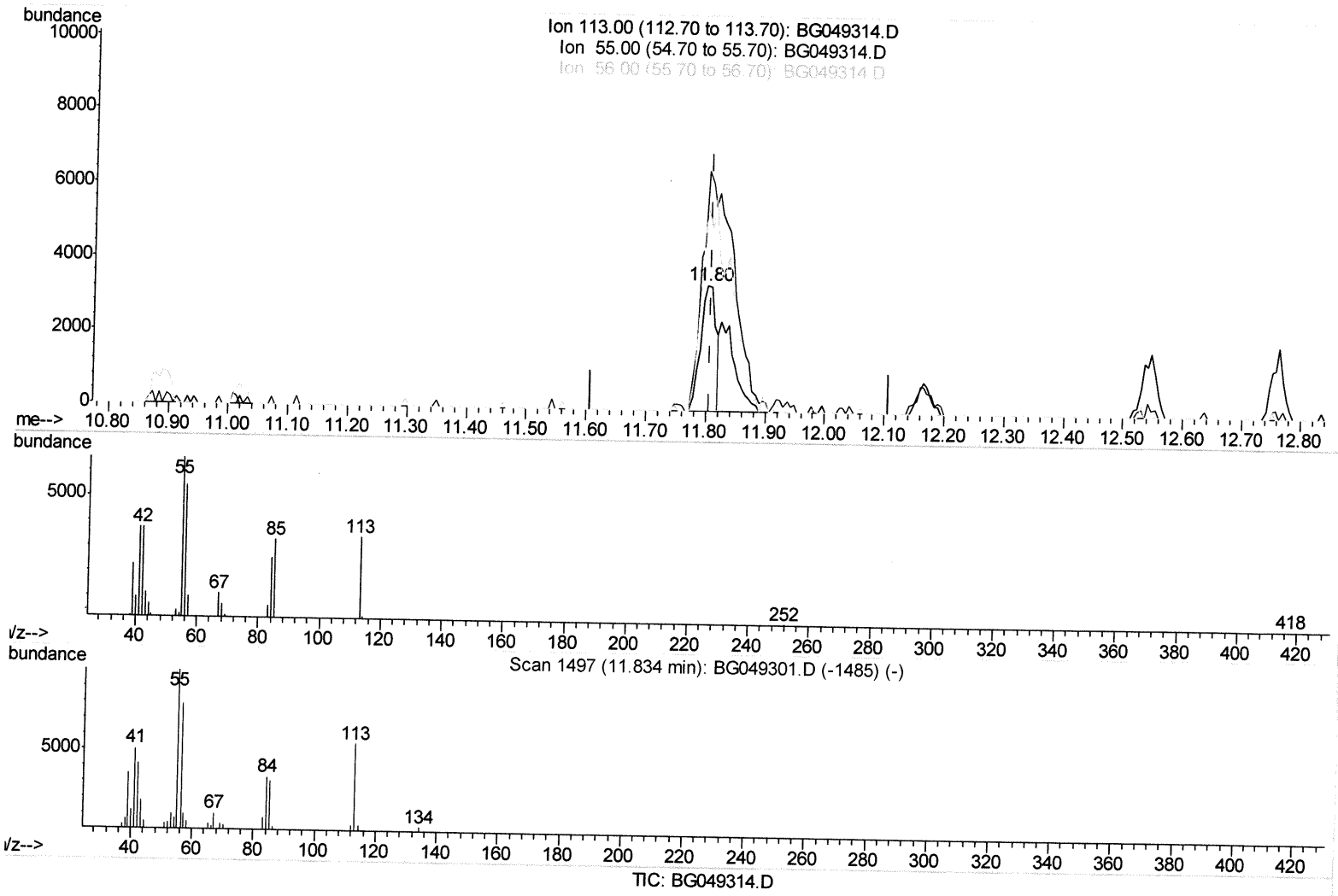

(34) Caprolactam

11.801min (-0.006) 11.26ng/ul

response 6104

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	190.90
56.00	171.90	159.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049314.D
Acq On : 13 Jul 2021 11:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 12:22:29 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 :
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Manual Integrations APPROVED
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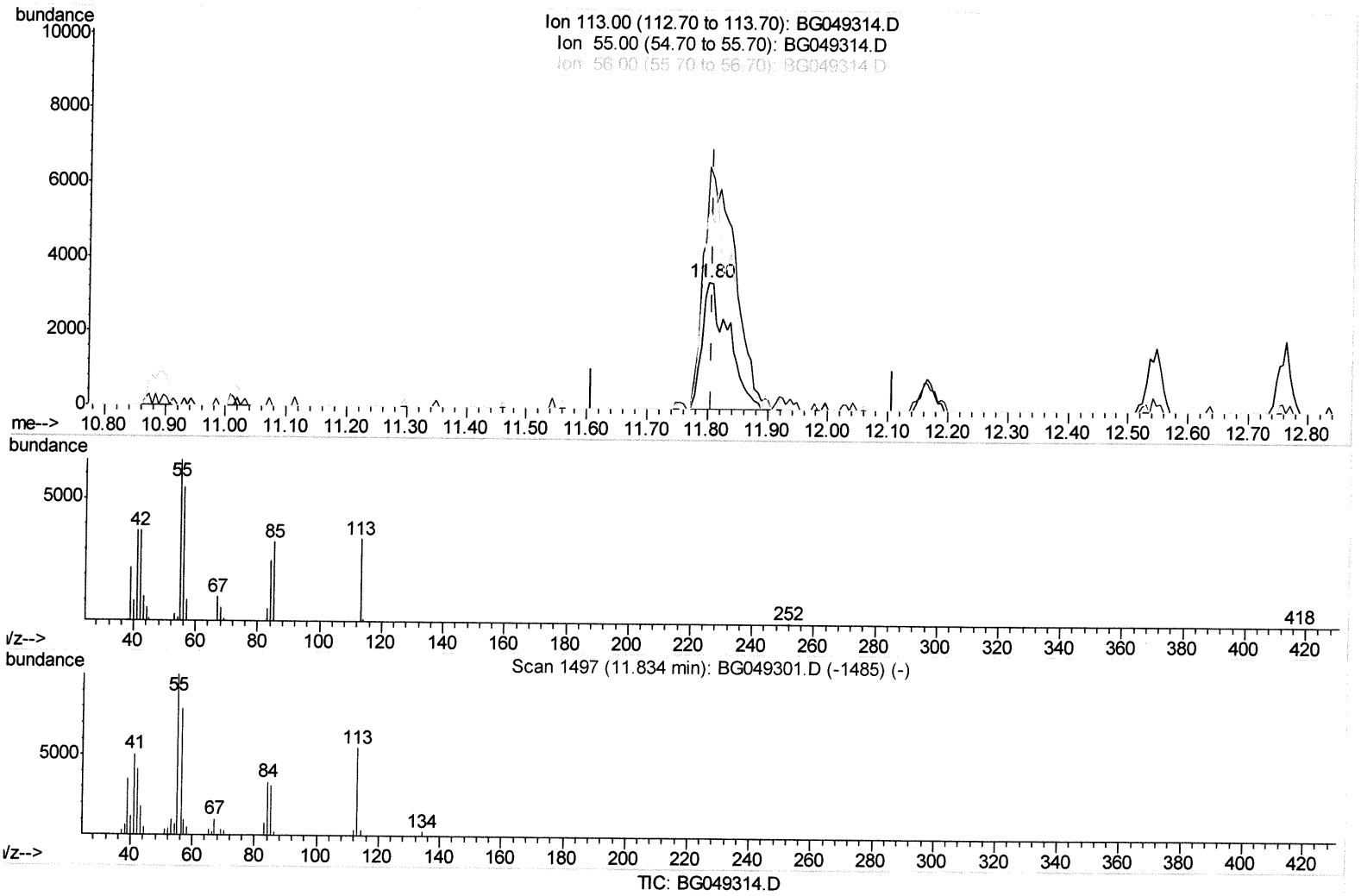

(34) Caprolactam

11.801min (-0.006) 19.28ng/ul m

response 10453

7/7/2021

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	190.90
56.00	171.90	159.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049314.D
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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 12:22:29 2021
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Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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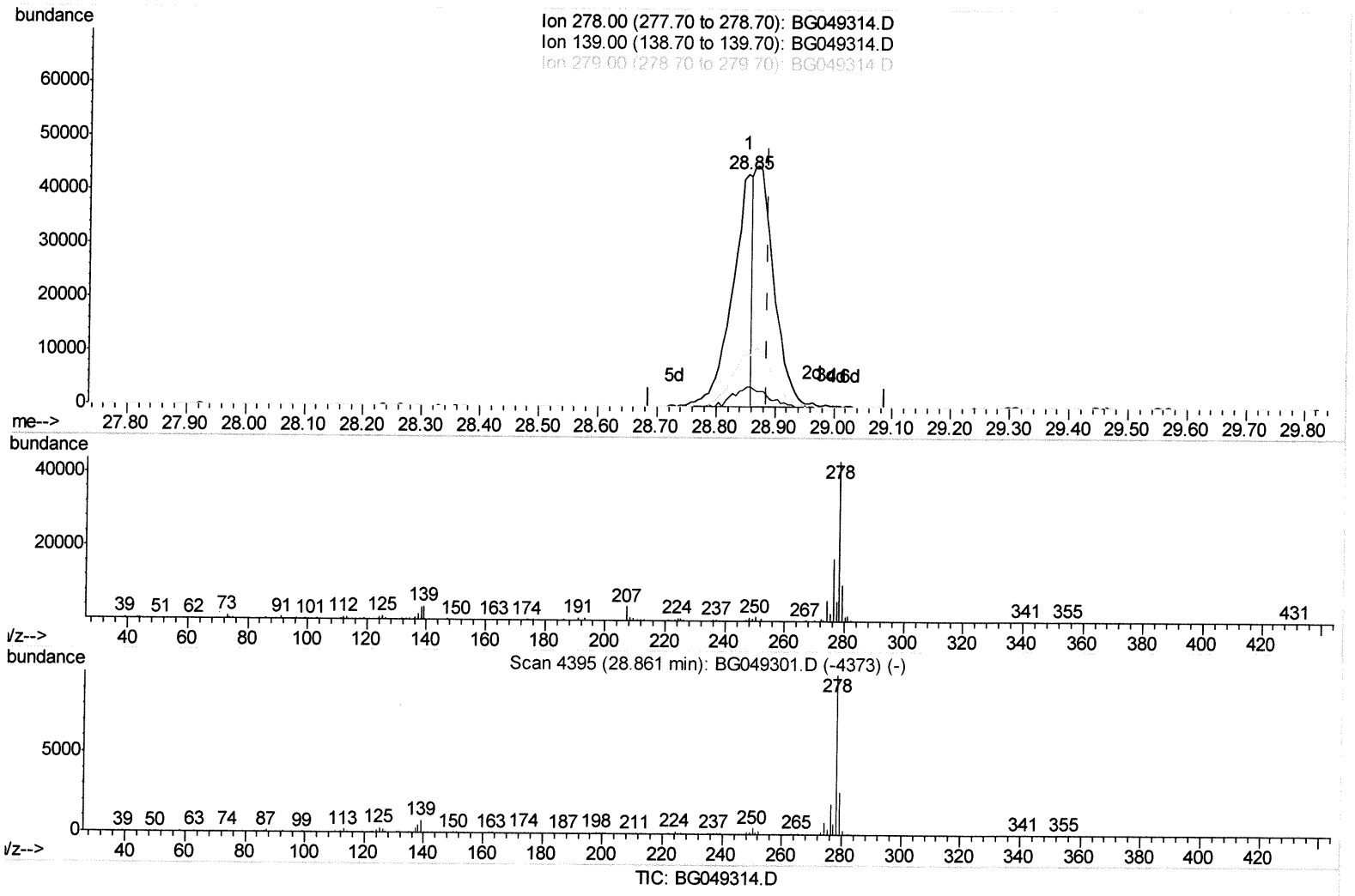

(95) Dibenzo(a,h)anthracene

28.852min (-0.035) 9.94ng/ul

response 101258

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	8.71#
279.00	26.40	22.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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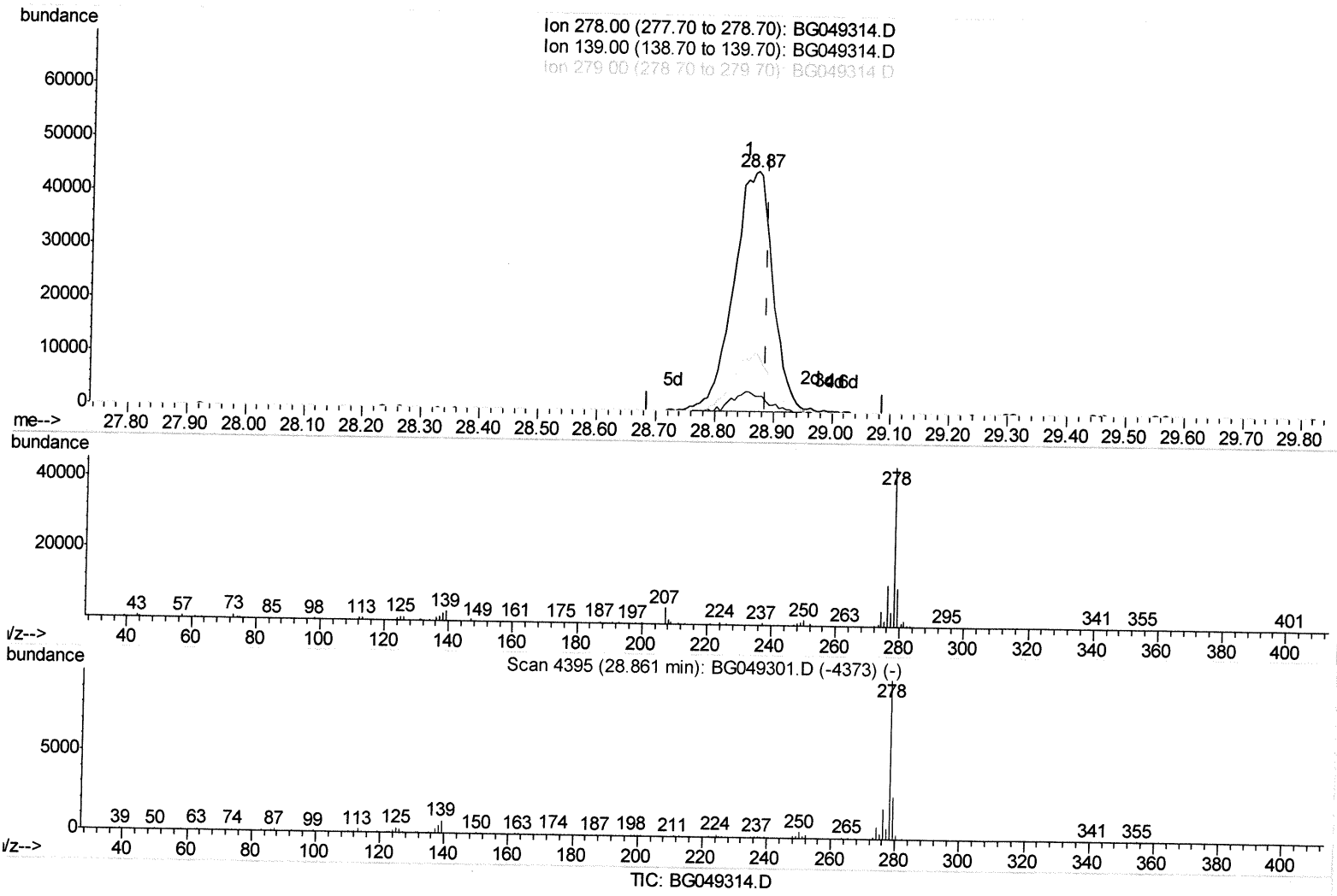

(95) Dibenzo(a,h)anthracene

28.869min (-0.018) 20.51ng/ul m JU 7/20/21

response 208893

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	6.24
279.00	26.40	24.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049314.D
Acq On : 13 Jul 2021 11:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 12:24:46 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 :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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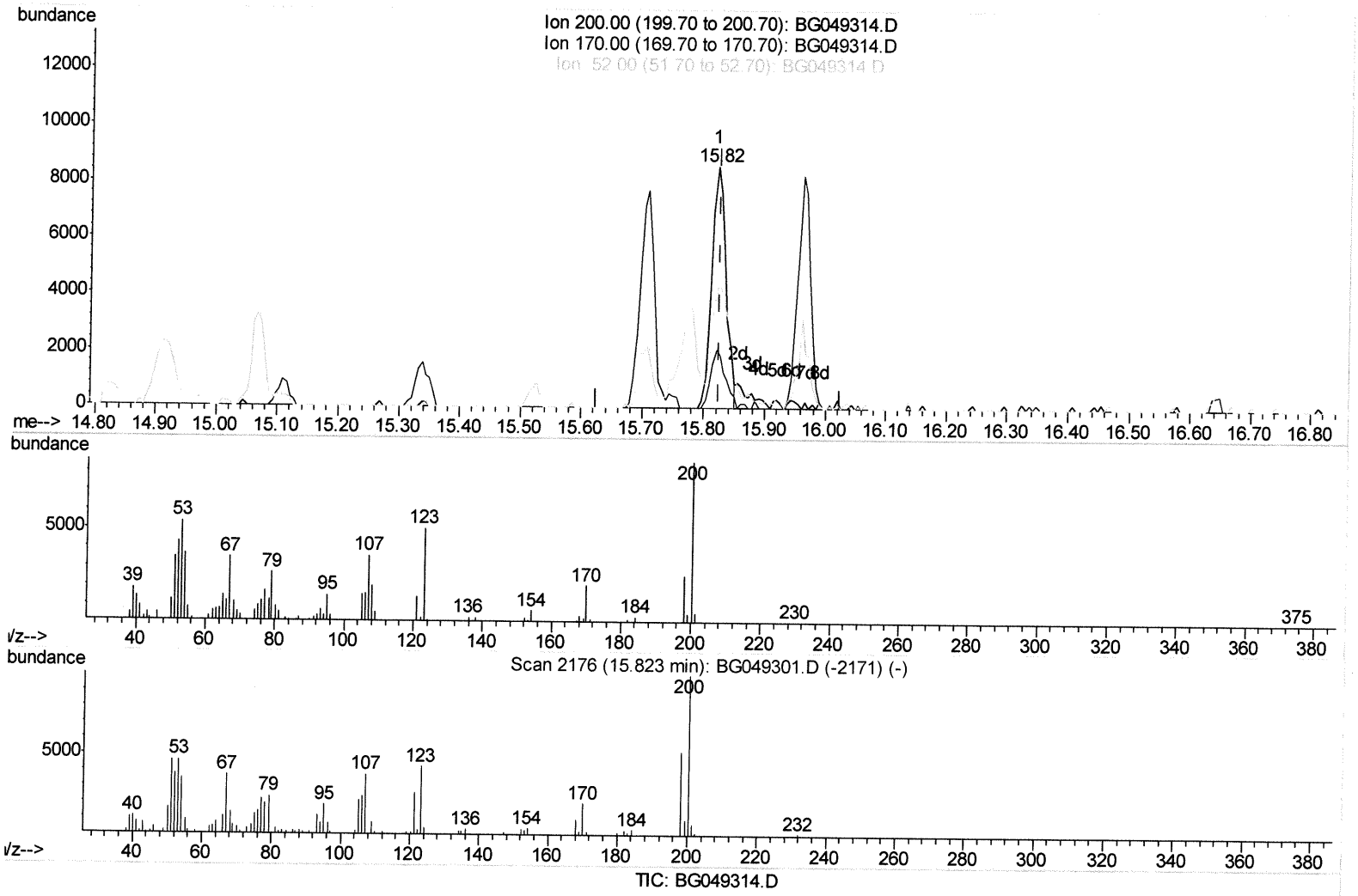

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.820min (-0.006) 12.87ng/ul

response 13875

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	23.91
52.00	47.80	49.94
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 12:24:46 2021
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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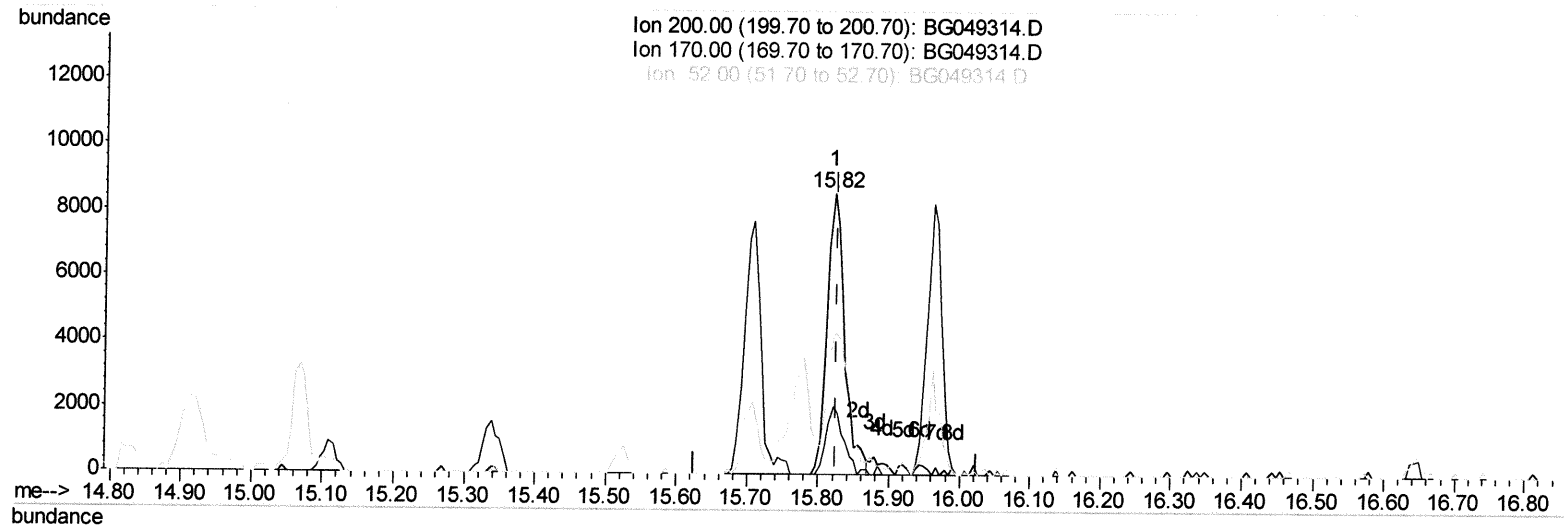

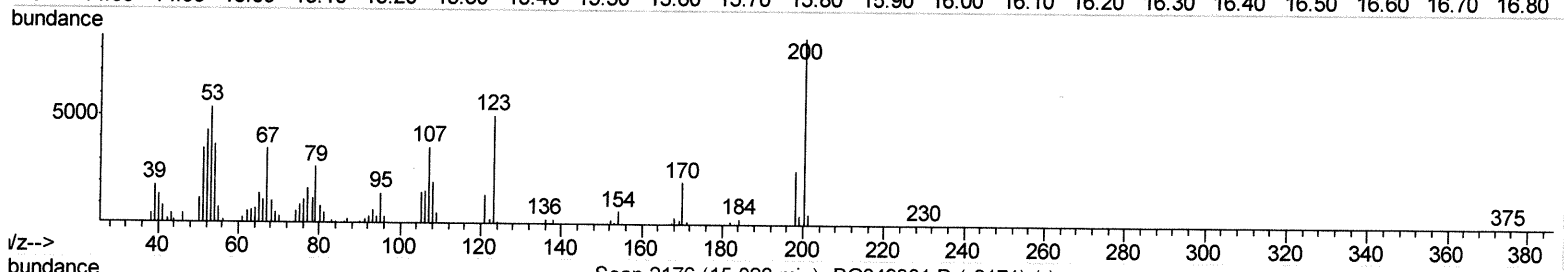

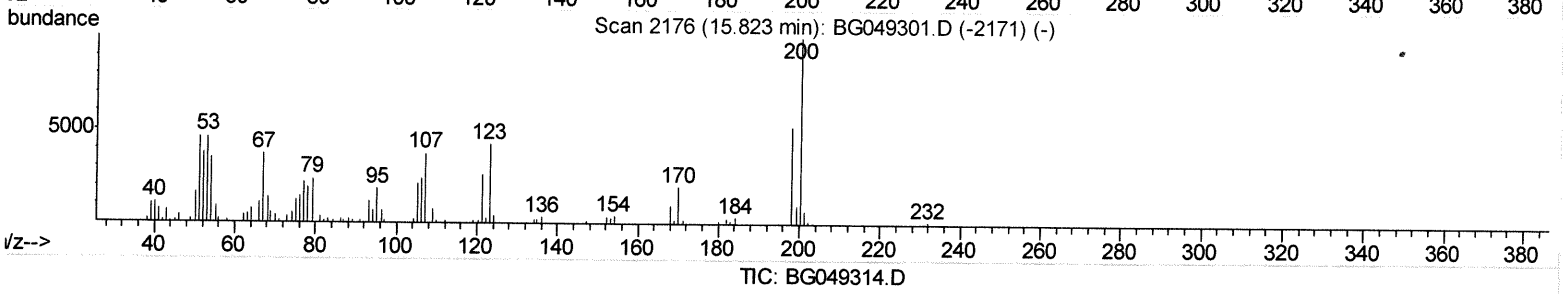

TIC: BG049314.D

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.820min (-0.006) 13.56ng/ul m JG 7/20/21

response 14617

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	23.91
52.00	47.80	49.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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Quant Time: Jul 13 12:28:29 2021
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24010	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.89	136	99248	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	73324	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	169591	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	166614	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	175554	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	4218	8.26	ng/uL	-0.02
4) Pyridine-d5	3.88	84	27615	18.40	ng/ul	0.00
7) Phenol-d5	7.22	99	41688	19.96	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	24121	19.91	ng/ul	0.00
11) 2-Chlorophenol-d4	7.59	132	31210	20.22	ng/ul	-0.01
15) 4-Methylphenol-d8	8.78	113	34397	20.56	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	15723	20.64	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	19006	21.74	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.51	165	36755	21.55	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	43661	19.64	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	112913	20.02	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	134507	20.33	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	17461	18.71	ng/ul	0.00
60) Fluorene-d10	15.71	176	96271	20.16	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	14617m	13.56	ng/ul	0.00
73) Anthracene-d10	17.56	188	157994	20.46	ng/ul	0.00
81) Pyrene-d10	19.84	212	180883	21.18	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.81	264	184178	20.18	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	5102	8.208	ng/uL#	83
5) Pyridine	3.90	79	32944	19.786	ng/ul#	91
6) Benzaldehyde	7.20	77	28987	23.071	ng/ul	95
8) Phenol	7.25	94	41369	19.806	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.48	93	28533	18.373	ng/ul#	81
12) 2-Chlorophenol	7.63	128	31076	19.945	ng/ul	94
13) 2-Methylphenol	8.51	108	30810	19.365	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.59	45	51121	20.465	ng/ul#	94
16) Acetophenone	8.89	105	55975	20.392	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.88	70	29224	20.953	ng/ul	97
18) 4-Methylphenol	8.83	108	33587	20.292	ng/ul	94
19) Hexachloroethane	9.16	117	14121	20.017	ng/ul	86
22) Nitrobenzene	9.28	77	44392	20.669	ng/ul#	95
23) Isophorone	9.80	82	77331	20.843	ng/ul	96
25) 2-Nitrophenol	9.99	139	18883	21.171	ng/ul	97
26) 2,4-Dimethylphenol	10.05	107	42782	21.662	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.29	93	41987	21.227	ng/ul	99
29) 2,4-Dichlorophenol	10.53	162	33402	21.429	ng/ul	94
30) Naphthalene	10.94	128	101932	20.599	ng/ul	99
32) 4-Chloroaniline	11.04	127	43407	19.805	ng/ul	99
33) Hexachlorobutadiene	11.23	225	26077	19.728	ng/ul	97
34) Caprolactam	11.80	113	10453m	19.277	ng/ul	

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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	37347	21.449 ng/ul	99
36) 2-Methylnaphthalene	12.54	142	78870	20.978 ng/ul	88
37) 1-Methylnaphthalene	12.76	142	78225	20.923 ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	45940	19.948 ng/ul	98
40) Hexachlorocyclopentadiene	12.89	237	25506	16.676 ng/ul	99
41) 2,4,6-Trichlorophenol	13.15	196	32224	21.631 ng/ul	93
42) 2,4,5-Trichlorophenol	13.22	196	33156	20.925 ng/ul	91
43) 1,1'-Biphenyl	13.55	154	102127	20.616 ng/ul	98
44) 2-Chloronaphthalene	13.59	162	78177	20.142 ng/ul	98
45) 2-Nitroaniline	13.79	65	28351	19.924 ng/ul	93
47) Dimethylphthalate	14.16	163	106256	20.301 ng/ul#	97
48) 2,6-Dinitrotoluene	14.28	165	22538	19.994 ng/ul	91
50) Acenaphthylene	14.43	152	119422	20.294 ng/ul	97
51) 3-Nitroaniline	14.62	138	22078	21.509 ng/ul	92
52) Acenaphthene	14.77	153	86930	20.342 ng/ul	97
53) 2,4-Dinitrophenol	14.83	184	9317	13.042 ng/ul	97
55) 4-Nitrophenol	14.92	109	22516	19.109 ng/ul	84
56) Dibenzofuran	15.11	168	123104	20.326 ng/ul	98
57) 2,4-Dinitrotoluene	15.07	165	32396	19.916 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	27537	18.533 ng/ul#	88
59) Diethylphthalate	15.52	149	109332	19.433 ng/ul	96
61) Fluorene	15.76	166	102880	20.071 ng/ul	88
62) 4-Chlorophenyl-phenylether	15.75	204	59176	21.001 ng/ul	97
63) 4-Nitroaniline	15.78	138	21844	21.678 ng/ul	87
66) 4,6-Dinitro-2-methylphenol	15.84	198	14884	14.510 ng/ul#	96
67) N-Nitrosodiphenylamine	15.97	169	89775	20.792 ng/ul	98
68) 4-Bromophenyl-phenylether	16.65	248	39559	20.914 ng/ul	89
69) Hexachlorobenzene	16.77	284	43936	20.510 ng/ul	96
70) Atrazine	16.91	200	40044	20.264 ng/ul	95
71) Pentachlorophenol	17.11	266	27787	21.733 ng/ul	93
72) Phenanthrene	17.51	178	169548	20.497 ng/ul	98
74) Anthracene	17.60	178	174090	20.603 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	49623	21.449 ng/uL	91
76) Pentachlorobenzene	15.03	250	51185	20.855 ng/uL	97
77) Carbazole	17.86	167	154029	20.434 ng/ul	97
78) Di-n-butylphthalate	18.42	149	186611	19.786 ng/ul	99
80) Fluoranthene	19.52	202	209883	21.133 ng/ul	98
82) Pyrene	19.87	202	208390	21.058 ng/ul	98
83) Butylbenzylphthalate	20.76	149	81311	20.929 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	78923	20.274 ng/ul	97
85) Benzo(a)anthracene	21.72	228	208495	20.363 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.62	149	117849	20.798 ng/ul	98
87) Chrysene	21.80	228	195732	20.209 ng/ul	98
89) Di-n-octyl phthalate	22.86	149	193773	19.609 ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	218158	20.144 ng/ul	100
91) Benzo(k)fluoranthene	24.06	252	211343	20.014 ng/ul	94
93) Benzo(a)pyrene	24.89	252	191709	20.114 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.80	276	249128	20.259 ng/ul	99
95) Dibenzo(a,h)anthracene	28.87	278	208893m	20.509 ng/ul	
96) Benzo(g,h,i)perylene	29.97	276	206064	20.268 ng/ul	94

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

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