Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049328.D
Acq On : 14 Jul 2021 14:04
Operator : CG/JU
Sample : PB137664BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 14 14:59:17 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
ClientSampleId :
SLCS664

Manual Integrations APPROVED
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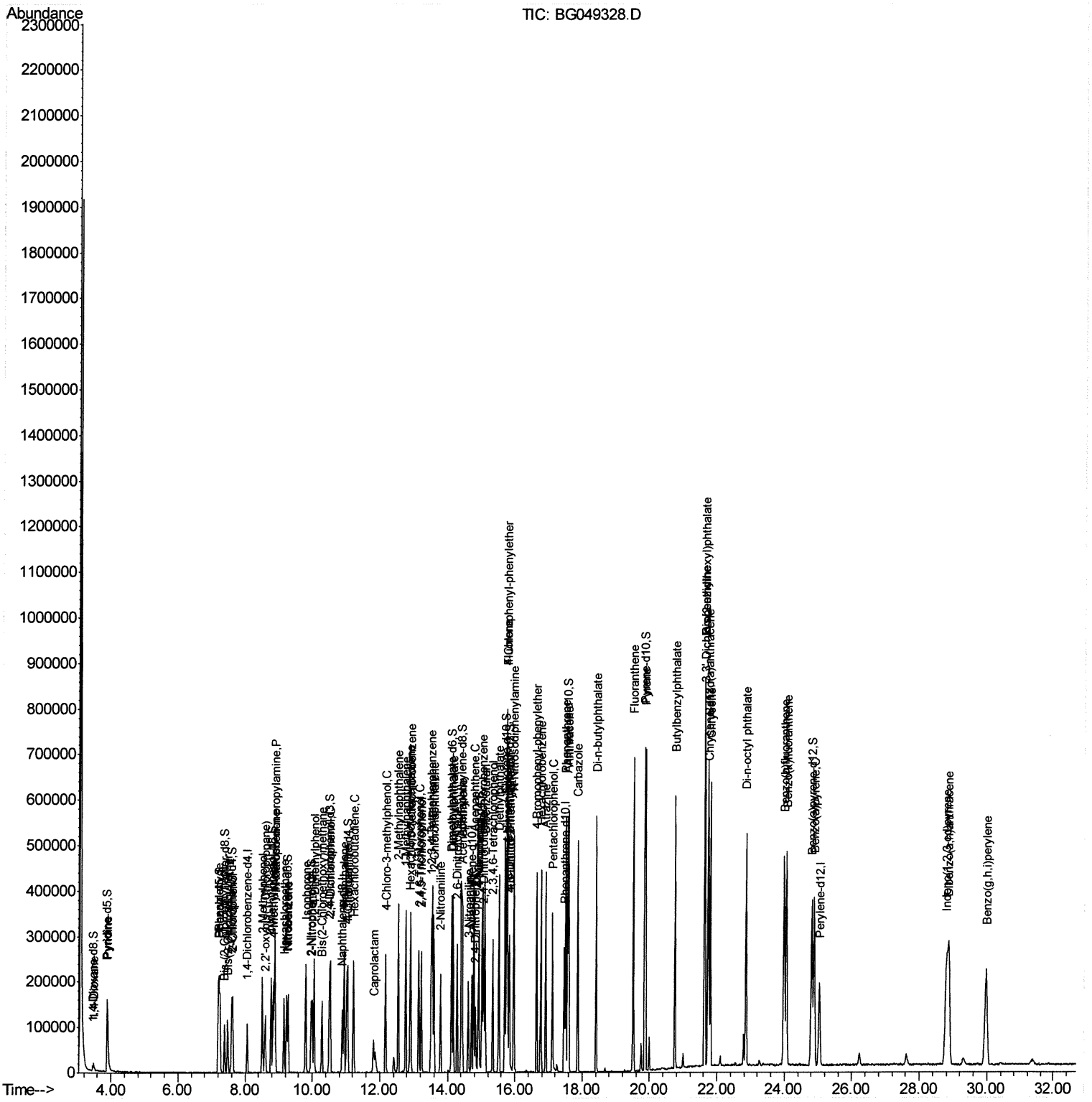

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049328.D
Acq On : 14 Jul 2021 14:04
Operator : CG/JU
Sample : PB137664BS
Misc :
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Quant Time: Jul 14 14:56:28 2021
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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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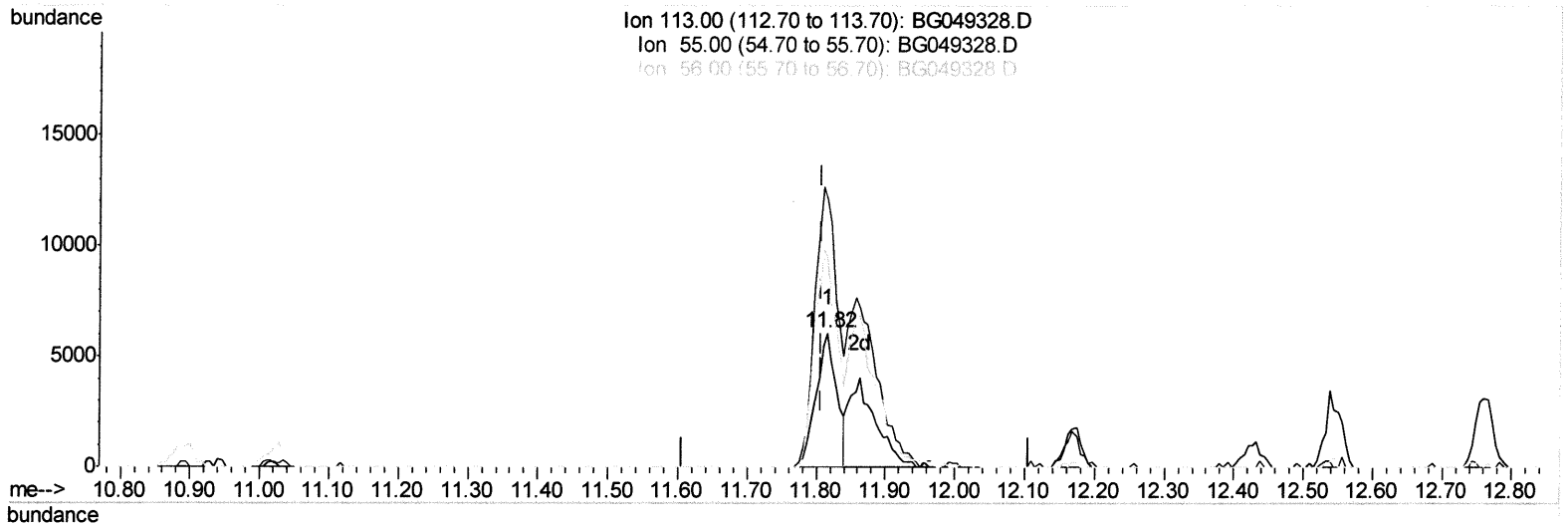

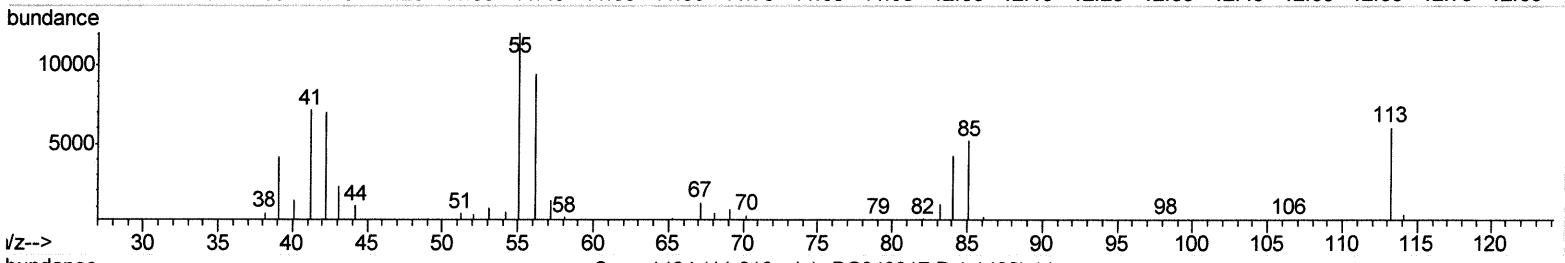

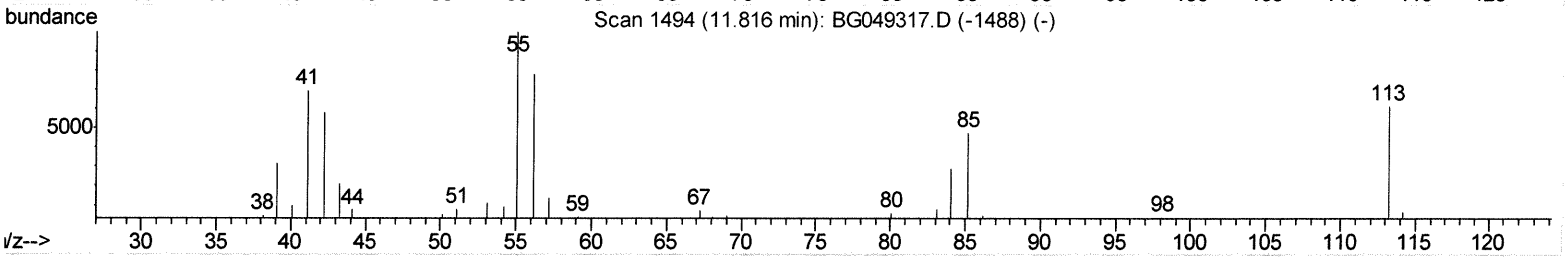

TIC: BG049328.D

(34) Caprolactam

11.816min (+0.009) 20.78ng/ul

response 12532

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	198.96
56.00	171.90	156.46
0.00	0.00	0.00

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Manual Integrations APPROVED
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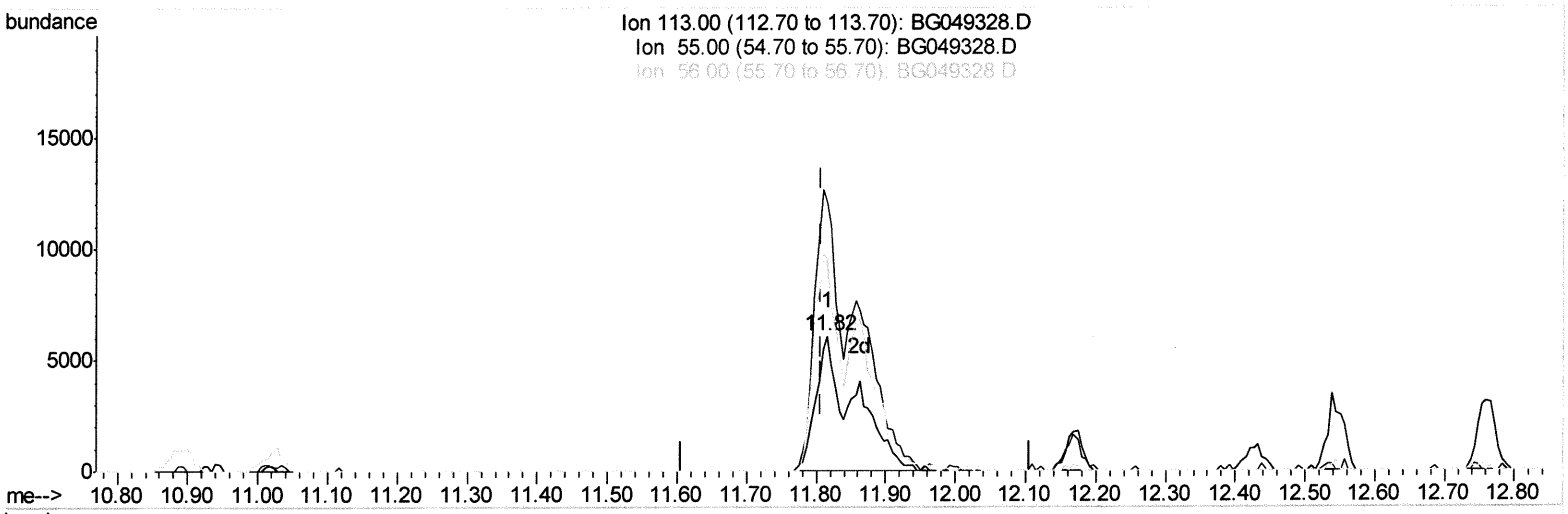

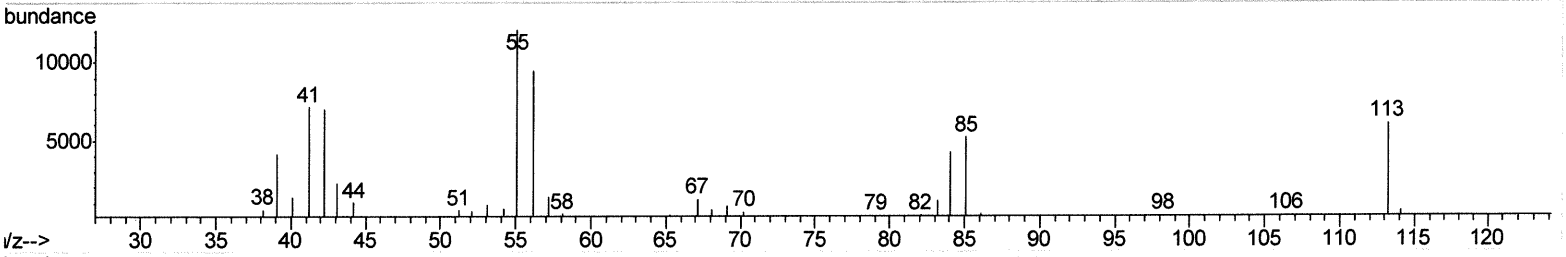

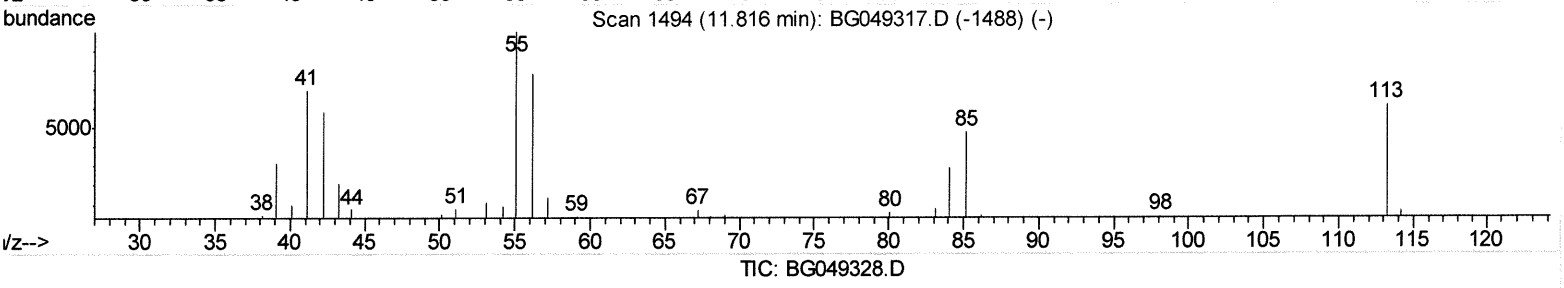

TIC: BG049328.D

(34) Caprolactam

11.816min (+0.009) 38.53ng/ul m

JG 7/16/21

response 23237

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	198.96
56.00	171.90	156.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
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Instrument :
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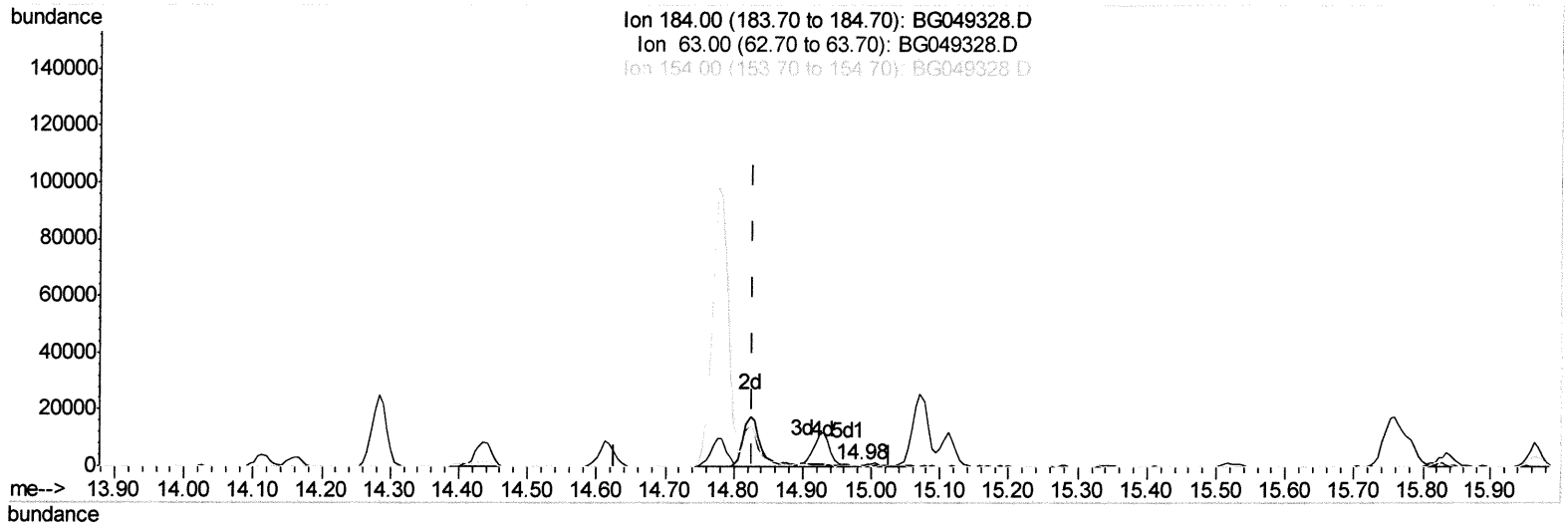

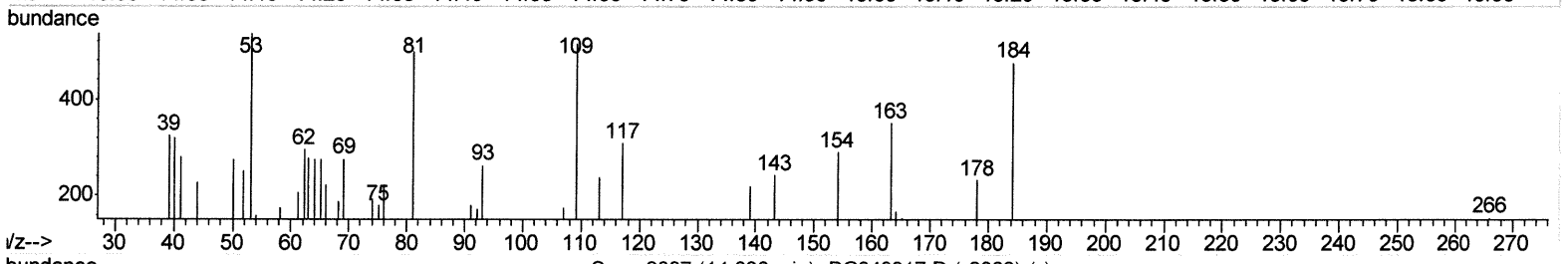

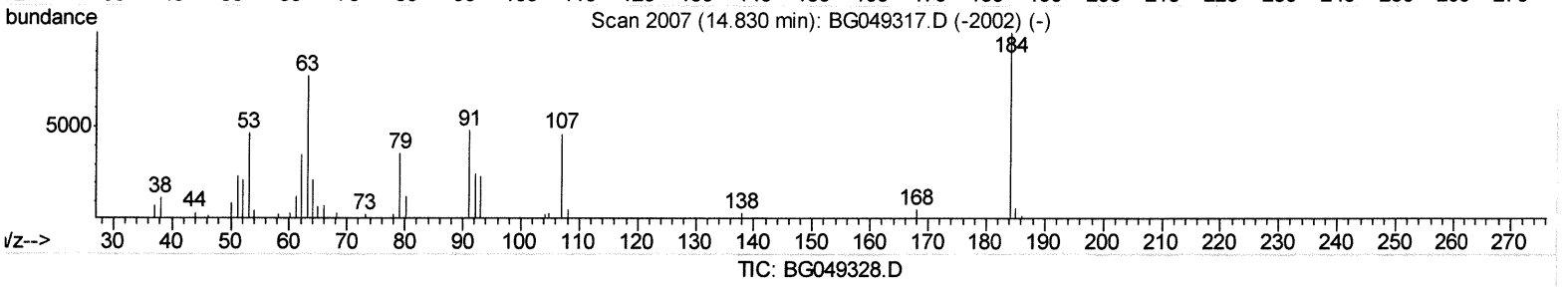

TIC: BG049328.D

(53) 2,4-Dinitrophenol

14.982min (+0.155) 0.21ng/ul

response 165

Ion	Exp%	Act%
184.00	100	100
63.00	67.10	58.19
154.00	74.10	60.92
0.00	0.00	0.00

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
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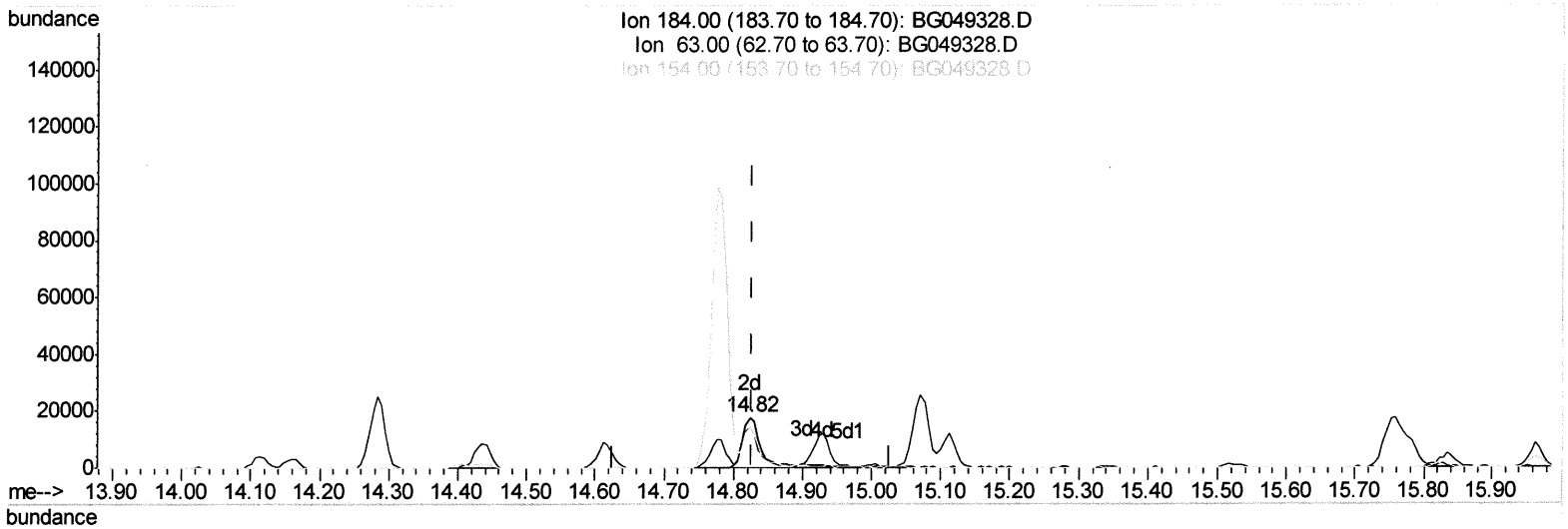

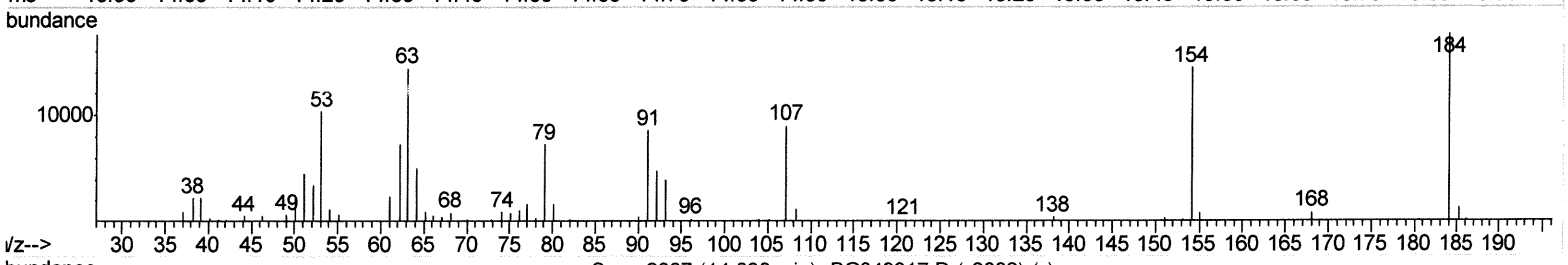

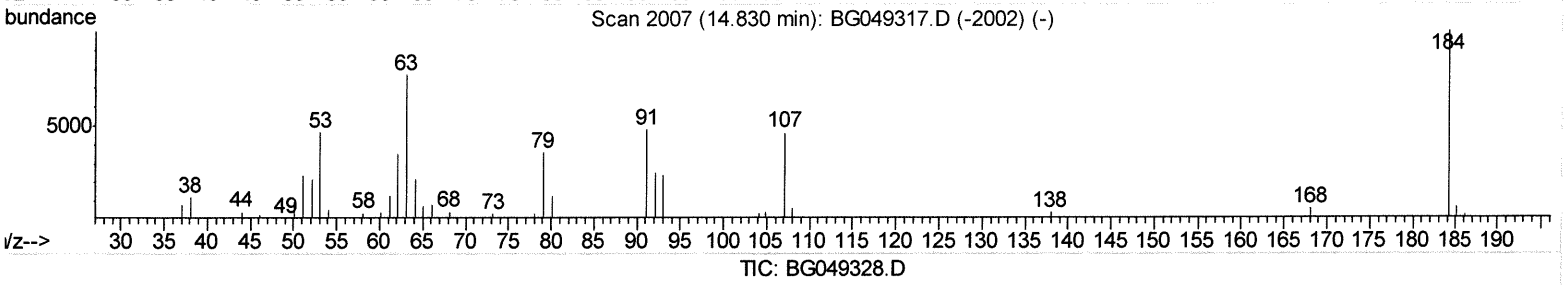

TIC: BG049328.D

(53) 2,4-Dinitrophenol

14.824min (-0.003) 39.81ng/ul m JU 7/16/21

response 31016

Ion	Exp%	Act%
184.00	100	100
63.00	67.10	81.80#
154.00	74.10	82.23
0.00	0.00	0.00

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Jul 14 14:59:17 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)
1) 1,4-Dichlorobenzene-d4	8.07	152	27847	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.89	136	110386	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	79973	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	181987	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	180550	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	198307	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	4808	8.12	ng/uL	-0.01
4) Pyridine-d5	3.88	84	59944	34.44	ng/ul	0.00
7) Phenol-d5	7.22	99	90217	37.24	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	53026	37.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	67756	37.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	71509	36.85	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	34671	40.93	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	40257	41.40	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	78141	41.18	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	92057	37.23	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	253441	41.21	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	295878	41.00	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	40220	39.51	ng/ul	0.00
60) Fluorene-d10	15.71	176	211687	40.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	44655	38.60	ng/ul	0.00
73) Anthracene-d10	17.56	188	341349	41.20	ng/ul	0.00
81) Pyrene-d10	19.85	212	411059	44.42	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	442381	42.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	9571	13.275	ng/uL	98
5) Pyridine	3.90	79	63970	33.127	ng/ul	96
6) Benzaldehyde	7.20	77	55609	38.161	ng/ul	96
8) Phenol	7.25	94	85399	35.253	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.48	93	61866	34.347	ng/ul#	79
12) 2-Chlorophenol	7.63	128	65297	36.135	ng/ul	98
13) 2-Methylphenol	8.51	108	64287	34.840	ng/ul	91
14) 2,2'-oxybis(1-Chloropropan	8.60	45	108388	37.412	ng/ul	94
16) Acetophenone	8.90	105	113279	35.582	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.88	70	60617	37.472	ng/ul	93
18) 4-Methylphenol	8.84	108	69731	36.325	ng/ul	99
19) Hexachloroethane	9.16	117	28827	35.233	ng/ul	88
22) Nitrobenzene	9.28	77	94547	39.580	ng/ul	96
23) Isophorone	9.81	82	167546	40.603	ng/ul	99
25) 2-Nitrophenol	9.99	139	39526	39.844	ng/ul	94
26) 2,4-Dimethylphenol	10.05	107	83734	38.120	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.29	93	85832	39.015	ng/ul	96
29) 2,4-Dichlorophenol	10.53	162	68958	39.776	ng/ul	99
30) Naphthalene	10.94	128	213249	38.747	ng/ul	97
32) 4-Chloroaniline	11.05	127	86873	35.637	ng/ul	96
33) Hexachlorobutadiene	11.22	225	56941	38.731	ng/ul	95
34) Caprolactam	11.82	113	23237m	38.529	ng/ul	>

JU 7/16/21

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Quant Time: Jul 14 14:59:17 2021
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	78820	40.701 ng/ul	90
36) 2-Methylnaphthalene	12.54	142	165983	39.695 ng/ul	94
37) 1-Methylnaphthalene	12.76	142	158833	38.196 ng/ul#	93
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	98230	39.106 ng/ul#	96
40) Hexachlorocyclopentadiene	12.89	237	56995	34.166 ng/ul#	98
41) 2,4,6-Trichlorophenol	13.15	196	64656	39.793 ng/ul	88
42) 2,4,5-Trichlorophenol	13.23	196	69961	40.482 ng/ul	87
43) 1,1'-Biphenyl	13.55	154	216963	40.156 ng/ul	97
44) 2-Chloronaphthalene	13.59	162	166213	39.264 ng/ul	98
45) 2-Nitroaniline	13.79	65	62887	40.520 ng/ul	91
47) Dimethylphthalate	14.16	163	227345	39.824 ng/ul#	97
48) 2,6-Dinitrotoluene	14.28	165	49306	40.104 ng/ul	87
50) Acenaphthylene	14.44	152	249416	38.862 ng/ul	99
51) 3-Nitroaniline	14.62	138	42375	37.851 ng/ul	99
52) Acenaphthene	14.78	153	183962	39.468 ng/ul	99
53) 2,4-Dinitrophenol	14.82	184	31016m	39.807 ng/ul	JU 7/16/21
55) 4-Nitrophenol	14.93	109	50494	39.292 ng/ul	92
56) Dibenzofuran	15.11	168	259620	39.303 ng/ul	97
57) 2,4-Dinitrotoluene	15.07	165	70380	39.670 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	63491	39.178 ng/ul	96
59) Diethylphthalate	15.52	149	239201	38.981 ng/ul	98
61) Fluorene	15.76	166	221849	39.683 ng/ul	91
62) 4-Chlorophenyl-phenylether	15.75	204	122754	39.942 ng/ul	98
63) 4-Nitroaniline	15.78	138	43772	39.828 ng/ul#	74
66) 4,6-Dinitro-2-methylphenol	15.84	198	40414	36.714 ng/ul#	99
67) N-Nitrosodiphenylamine	15.96	169	187595	40.487 ng/ul	97
68) 4-Bromophenyl-phenylether	16.65	248	81847	40.323 ng/ul	96
69) Hexachlorobenzene	16.77	284	94381	41.057 ng/ul	97
70) Atrazine	16.92	200	86213	40.656 ng/ul	98
71) Pentachlorophenol	17.12	266	65509	47.747 ng/ul	95
72) Phenanthrene	17.51	178	359830	40.538 ng/ul	99
74) Anthracene	17.60	178	355090	39.161 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	100283	40.393 ng/uL	94
76) Pentachlorobenzene	15.04	250	111180	42.213 ng/uL	95
77) Carbazole	17.87	167	318916	39.426 ng/ul	98
78) Di-n-butylphthalate	18.42	149	396398	39.167 ng/ul	99
80) Fluoranthene	19.51	202	445590	41.403 ng/ul	99
82) Pyrene	19.88	202	445529	41.547 ng/ul	99
83) Butylbenzylphthalate	20.76	149	176333	41.885 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	166147	39.386 ng/ul	100
85) Benzo(a)anthracene	21.73	228	456049	41.102 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	258521	42.101 ng/ul	98
87) Chrysene	21.80	228	429518	40.925 ng/ul	99
89) Di-n-octyl phthalate	22.86	149	437209	39.168 ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	508222	41.543 ng/ul	99
91) Benzo(k)fluoranthene	24.06	252	476331	39.933 ng/ul	97
93) Benzo(a)pyrene	24.88	252	436929	40.584 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.80	276	568512	40.927 ng/ul	99
95) Dibenzo(a,h)anthracene	28.87	278	471407	40.973 ng/ul	93
96) Benzo(g,h,i)perylene	29.98	276	474286	41.297 ng/ul	96

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

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