Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049243.D
Acq On : 9 Jul 2021 18:42
Operator : CG/JU
Sample : PB137522BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 09 22:59:02 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 :
SLCS522

Manual Integrations APPROVED
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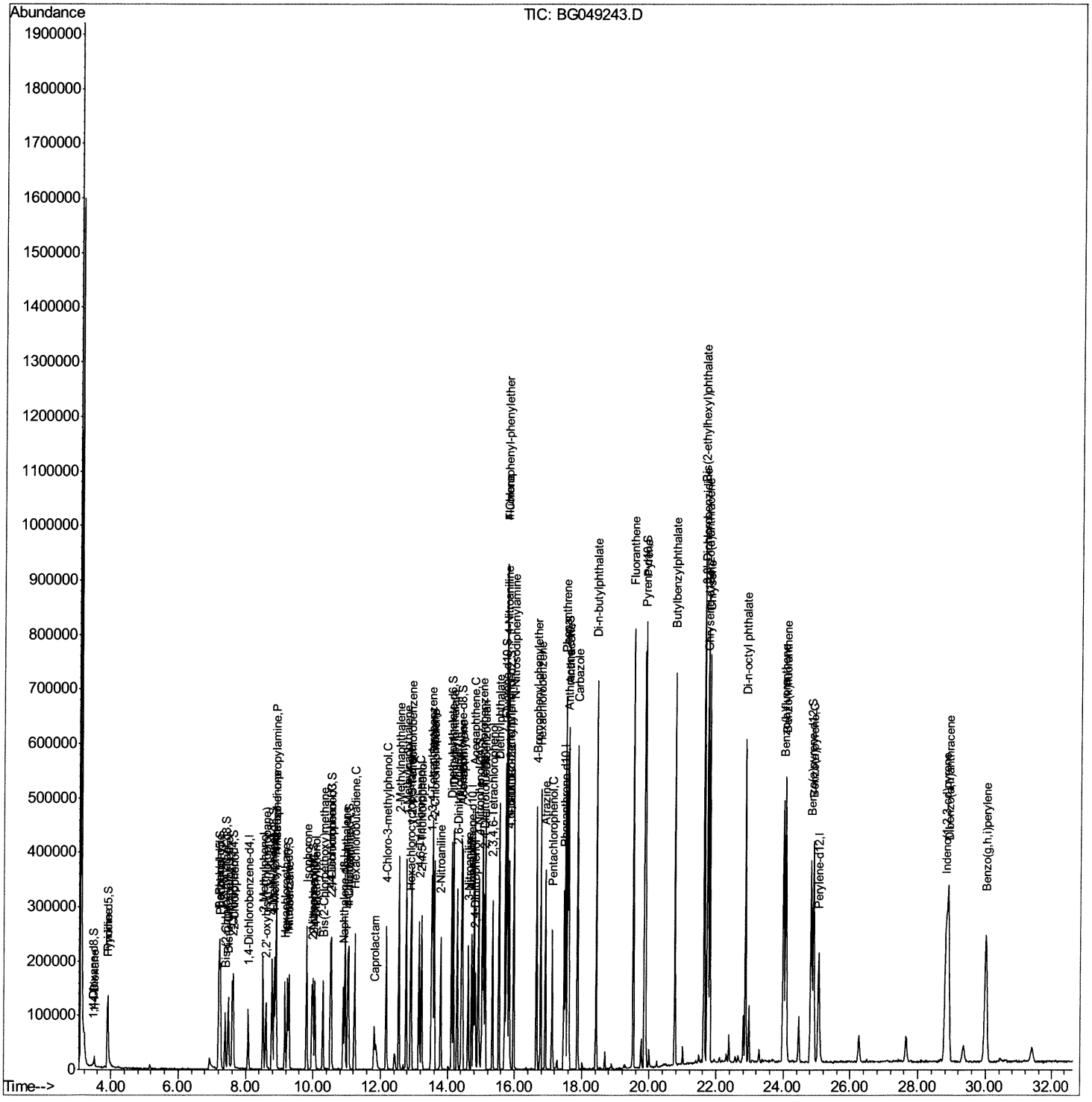

Quantitation Report (Qedit)

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Acq On : 9 Jul 2021 18:42
Operator : CG/JU
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Quant Time: Jul 09 22:51:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
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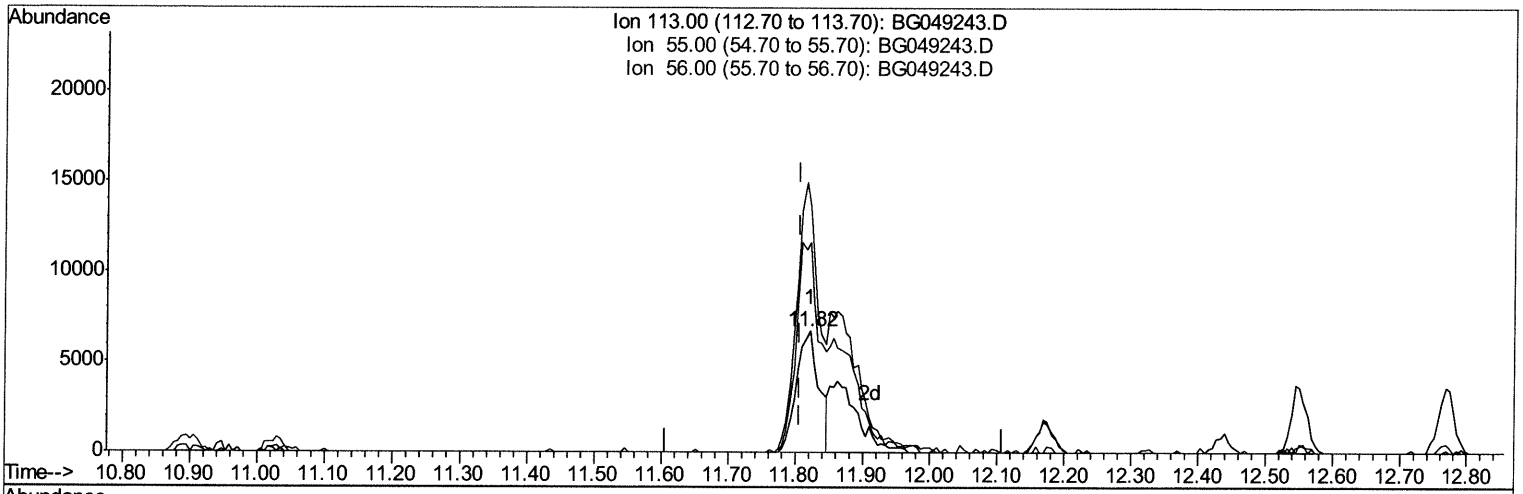

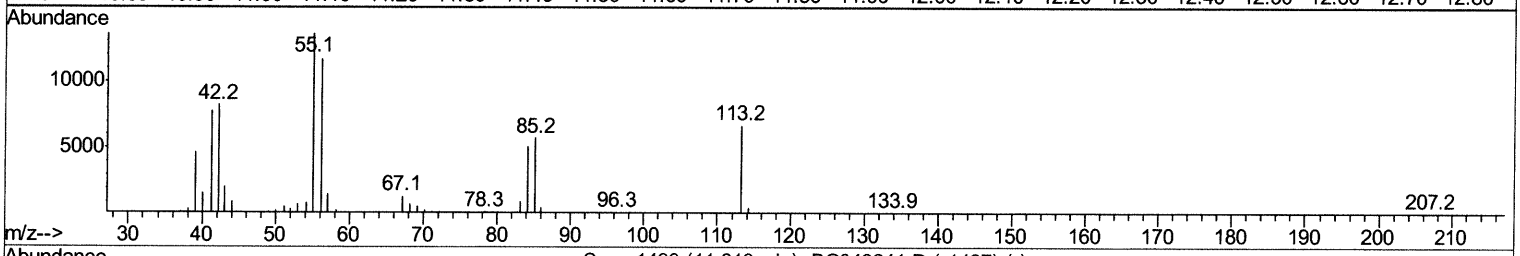

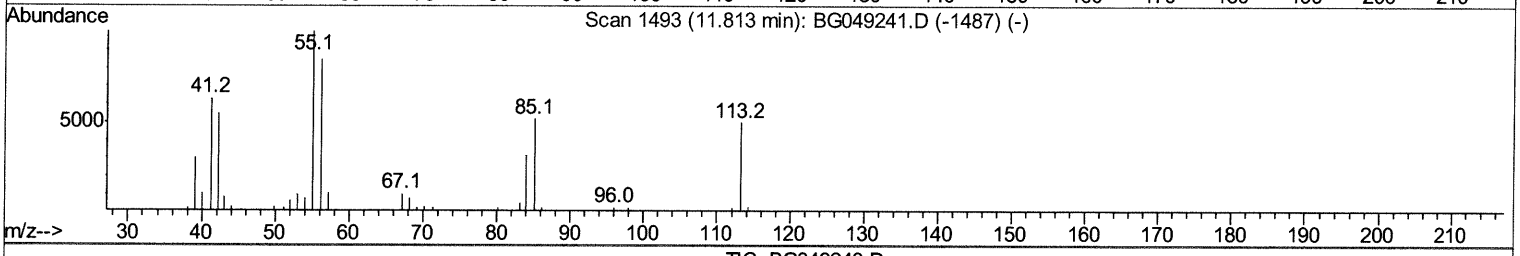

TIC: BG049243.D

(34) Caprolactam

11.822min (+0.015) 22.53ng/ul

response 15532

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	201.98
56.00	171.90	172.71
0.00	0.00	0.00

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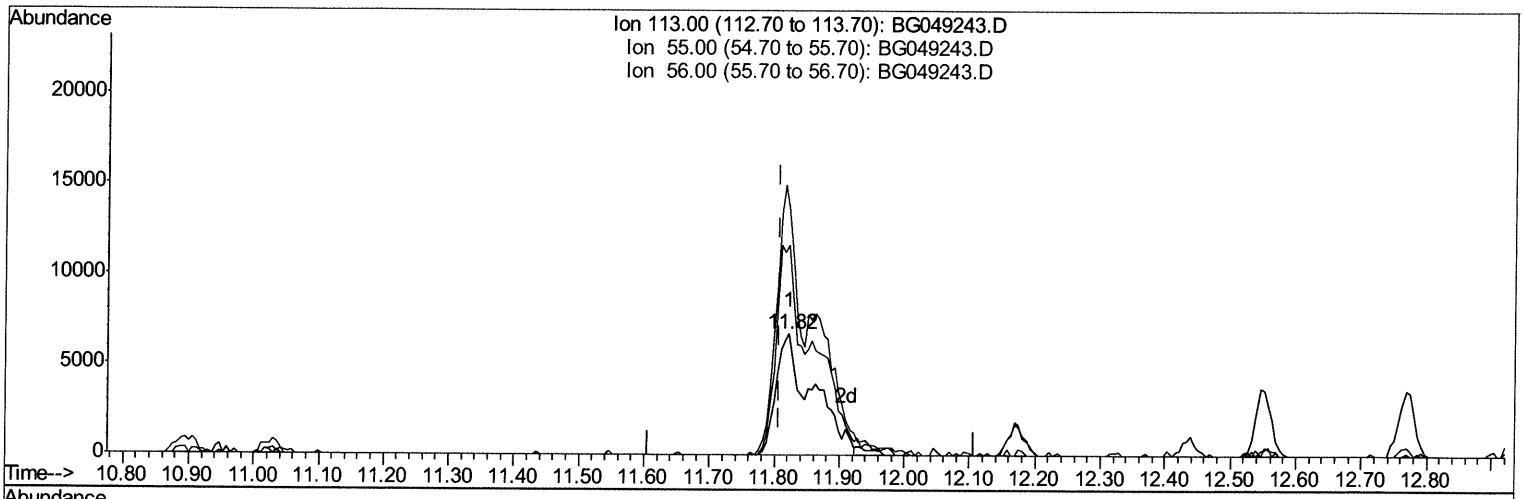

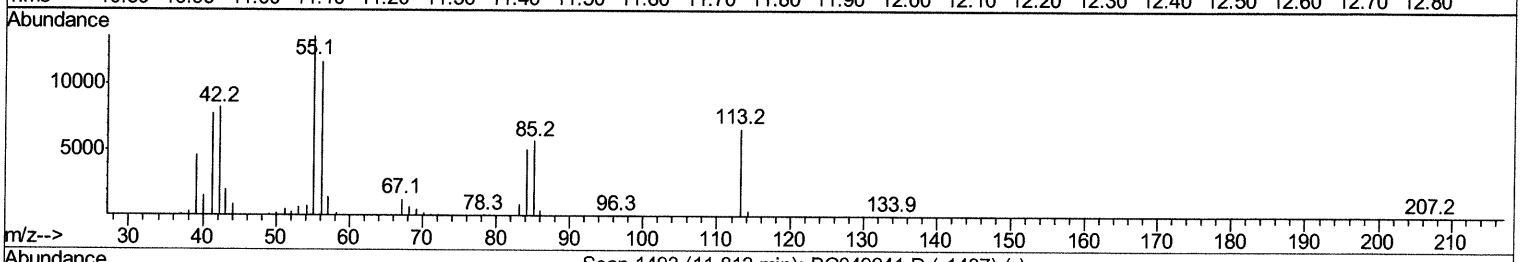

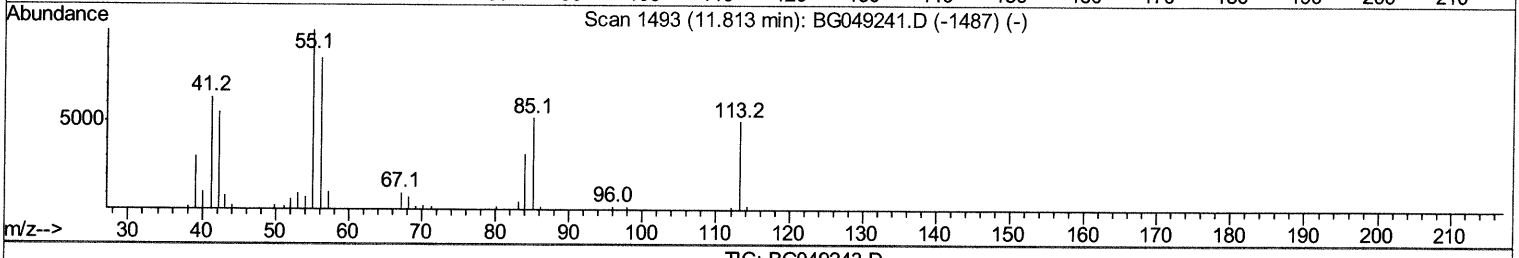

TIC: BG049243.D

(34) Caprolactam

11.822min (+0.015) 38.25ng/ul m 07/13/21 JU

response 26369

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	201.98
56.00	171.90	172.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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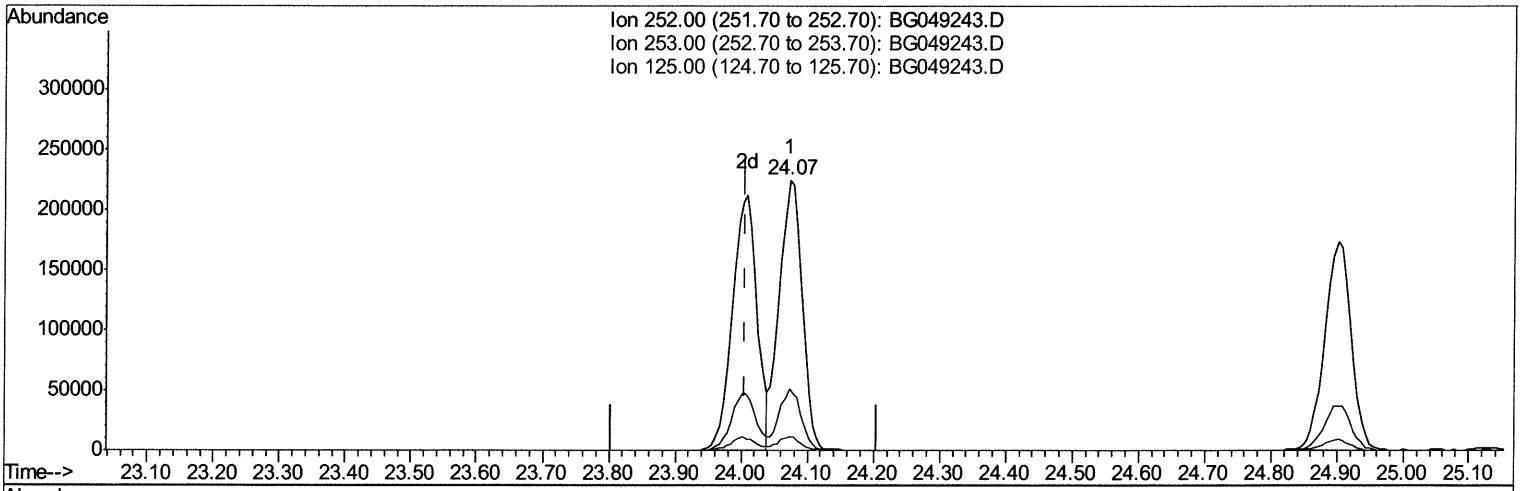

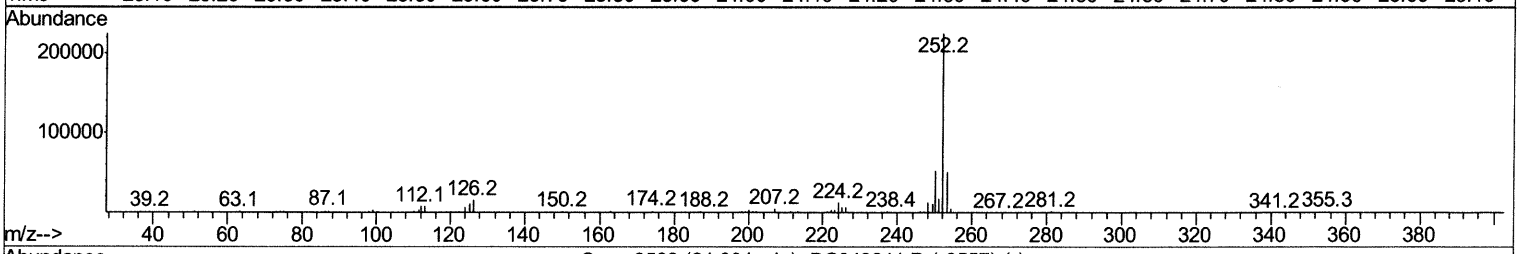

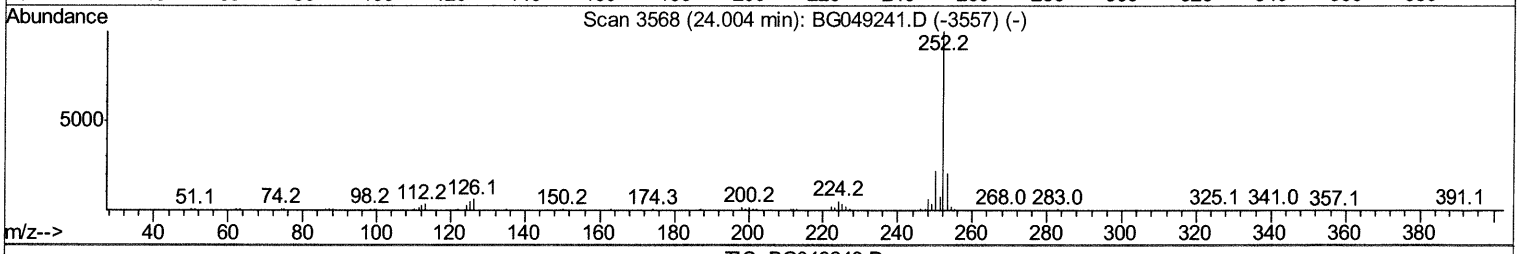

TIC: BG049243.D

(90) Benzo(b)fluoranthene

24.073min (+0.068) 42.30ng/ul

response 541558

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.54
125.00	6.00	4.97
0.00	0.00	0.00

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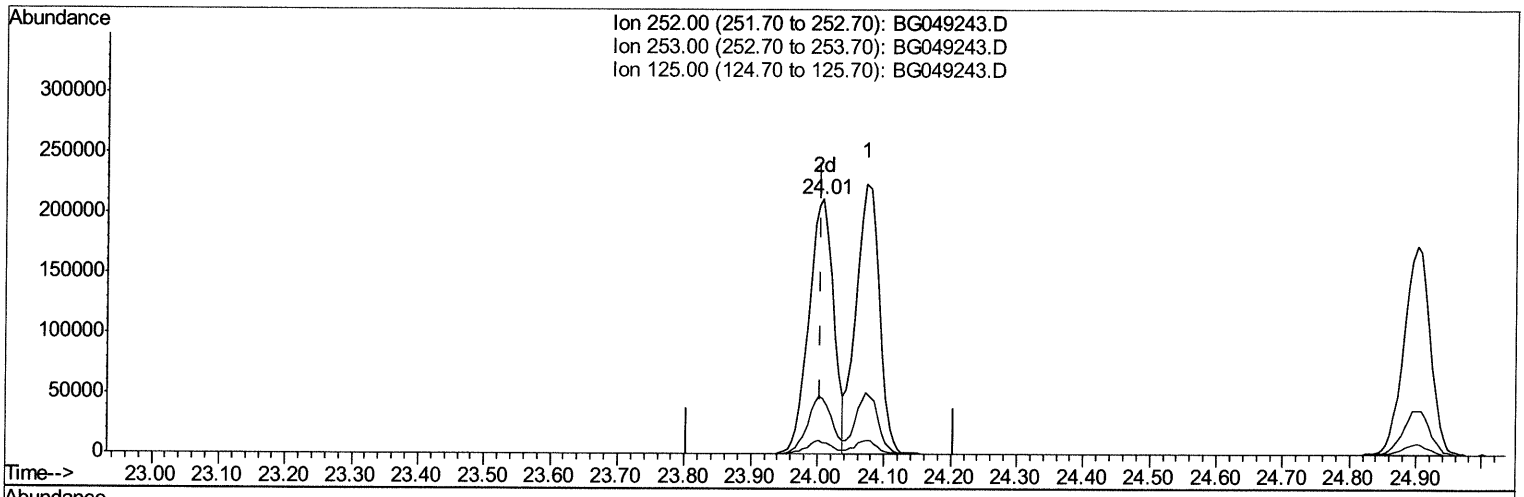

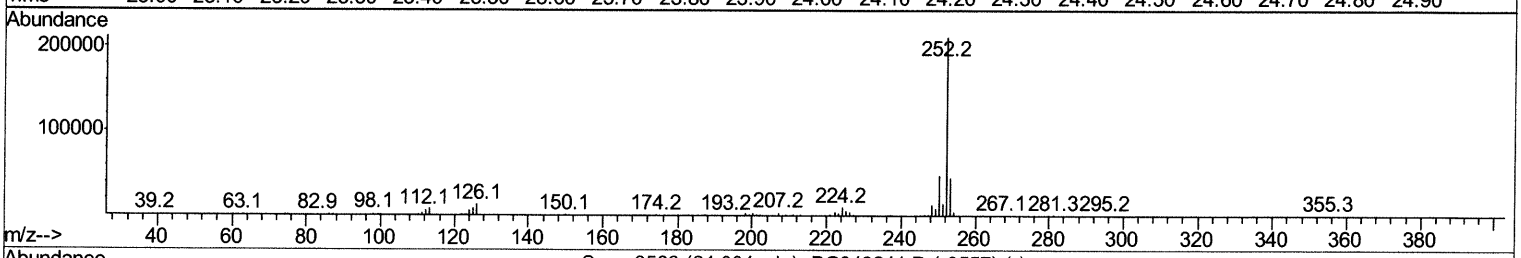

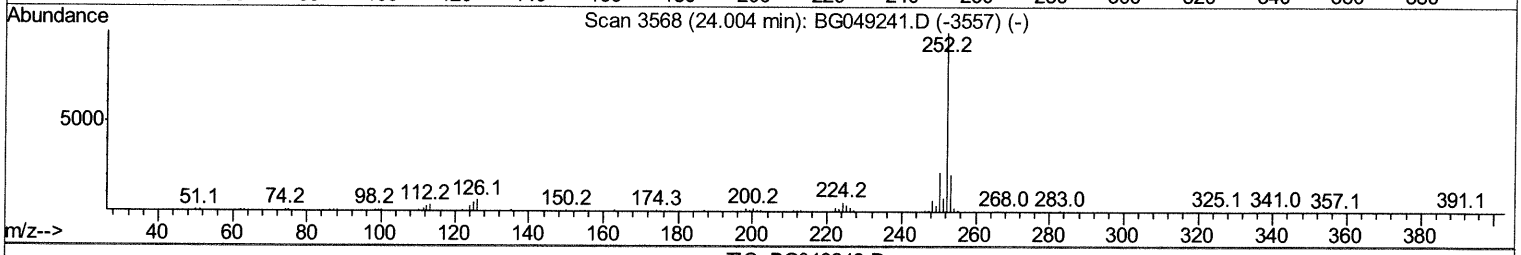

TIC: BG049243.D

(90) Benzo(b)fluoranthene

24.008min (+0.003) 42.87ng/ul m 07/13/21 JU

response 548879

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.57
125.00	6.00	4.30#
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
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7/12/2021 12:33:18 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29310	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	126190	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	91010	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	218356	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	218233	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	207535	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4161	6.68	ng/uL	0.00
4) Pyridine-d5	3.88	84	49472	27.00	ng/ul	0.00
7) Phenol-d5	7.23	99	88587	34.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.40	67	51373	34.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	67334	35.73	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	70083	34.31	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	34040	35.15	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	41524	37.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	80777	37.24	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	89053	31.51	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	270612	38.66	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	310350	37.79	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	45073	38.91	ng/ul	0.00
60) Fluorene-d10	15.71	176	232215	39.19	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	53292	38.40	ng/ul	0.00
73) Anthracene-d10	17.57	188	359780	36.19	ng/ul	0.00
81) Pyrene-d10	19.85	212	445749	39.85	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	460778	42.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	10635	14.015	ng/uL	96
5) Pyridine	3.91	79	58521	28.793	ng/ul	94
6) Benzaldehyde	7.20	77	57421	37.438	ng/ul	93
8) Phenol	7.26	94	92276	36.190	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.49	93	64101	33.811	ng/ul#	85
12) 2-Chlorophenol	7.64	128	67514	35.497	ng/ul	95
13) 2-Methylphenol	8.51	108	66981	34.488	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.60	45	112818	36.997	ng/ul	96
16) Acetophenone	8.90	105	120543	35.974	ng/ul	92
17) N-Nitroso-di-n-propylamine	8.88	70	64236	37.727	ng/ul	93
18) 4-Methylphenol	8.84	108	72208	35.737	ng/ul	94
19) Hexachloroethane	9.17	117	30823	35.792	ng/ul	90
22) Nitrobenzene	9.28	77	98548	36.088	ng/ul#	95
23) Isophorone	9.81	82	176325	37.379	ng/ul	98
25) 2-Nitrophenol	10.00	139	41454	36.554	ng/ul	94
26) 2,4-Dimethylphenol	10.05	107	59586	23.729	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.29	93	93288	37.093	ng/ul	95
29) 2,4-Dichlorophenol	10.54	162	71749	36.203	ng/ul#	93
30) Naphthalene	10.95	128	227418	36.146	ng/ul	97
32) 4-Chloroaniline	11.05	127	84510	30.326	ng/ul	96
33) Hexachlorobutadiene	11.23	225	61020	36.307	ng/ul	97
34) Caprolactam	11.82	113	26369m	38.247	ng/ul	

07/13/21 JU

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Response via : Initial Calibration

Instrument : BNA_G
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Manual Integrations APPROVED
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7/12/2021 12:33:18 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	90146	40.719 ng/ul#	88
36) 2-Methylnaphthalene	12.55	142	174623	36.531 ng/ul	94
37) 1-Methylnaphthalene	12.77	142	171257	36.026 ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	106940	37.411 ng/ul	98
40) Hexachlorocyclopentadiene	12.89	237	49000	25.811 ng/ul	96
41) 2,4,6-Trichlorophenol	13.15	196	67891	36.716 ng/ul	95
42) 2,4,5-Trichlorophenol	13.23	196	74598	37.930 ng/ul	94
43) 1,1'-Biphenyl	13.56	154	234621	38.158 ng/ul	99
44) 2-Chloronaphthalene	13.60	162	182917	37.970 ng/ul	98
45) 2-Nitroaniline	13.80	65	73617	41.681 ng/ul	93
47) Dimethylphthalate	14.17	163	261598	40.267 ng/ul#	97
48) 2,6-Dinitrotoluene	14.29	165	56243	40.199 ng/ul	88
50) Acenaphthylene	14.44	152	278162	38.085 ng/ul	98
51) 3-Nitroaniline	14.62	138	49847	39.125 ng/ul	98
52) Acenaphthene	14.79	153	209318	39.462 ng/ul	100
53) 2,4-Dinitrophenol	14.82	184	35832	40.411 ng/ul#	84
55) 4-Nitrophenol	14.93	109	58115	39.738 ng/ul	96
56) Dibenzofuran	15.12	168	301139	40.060 ng/ul	94
57) 2,4-Dinitrotoluene	15.08	165	83797	41.505 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	64569	35.011 ng/ul#	89
59) Diethylphthalate	15.53	149	283520	40.600 ng/ul	99
61) Fluorene	15.77	166	250728	39.410 ng/ul	93
62) 4-Chlorophenyl-phenylether	15.76	204	141514	40.462 ng/ul	99
63) 4-Nitroaniline	15.78	138	55043	44.009 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.85	198	51662	39.115 ng/ul#	96
67) N-Nitrosodiphenylamine	15.97	169	221486	39.840 ng/ul	100
68) 4-Bromophenyl-phenylether	16.66	248	99473	40.844 ng/ul	94
69) Hexachlorobenzene	16.78	284	109238	39.606 ng/ul	96
70) Atrazine	16.92	200	73639	28.942 ng/ul	96
71) Pentachlorophenol	17.12	266	51838	31.490 ng/ul	94
72) Phenanthrene	17.52	178	430361	40.408 ng/ul	99
74) Anthracene	17.61	178	406358	37.351 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	114037	38.282 ng/uL	91
76) Pentachlorobenzene	15.04	250	118306	37.437 ng/uL	97
77) Carbazole	17.87	167	384342	39.601 ng/ul	99
78) Di-n-butylphthalate	18.43	149	477314	39.307 ng/ul	99
80) Fluoranthene	19.52	202	533108	40.981 ng/ul	99
82) Pyrene	19.88	202	522259	40.293 ng/ul	99
83) Butylbenzylphthalate	20.76	149	208288	40.932 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.65	252	172791	33.888 ng/ul	96
85) Benzo(a)anthracene	21.74	228	523820	39.058 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	295348	39.793 ng/ul	99
87) Chrysene	21.80	228	504102	39.737 ng/ul	99
89) Di-n-octyl phthalate	22.87	149	497506	42.588 ng/ul	100
90) Benzo(b)fluoranthene	24.01	252	548879m >	42.871 ng/ul >	0 7/13/21 JU
91) Benzo(k)fluoranthene	24.07	252	541558	43.382 ng/ul	96
93) Benzo(a)pyrene	24.90	252	476074	42.253 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.83	276	645119	44.377 ng/ul	95
95) Dibenzo(a,h)anthracene	28.90	278	540323	44.874 ng/ul	98
96) Benzo(g,h,i)perylene	30.01	276	528795	43.996 ng/ul#	93

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

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

Instrument :
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ClientSampleId :
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