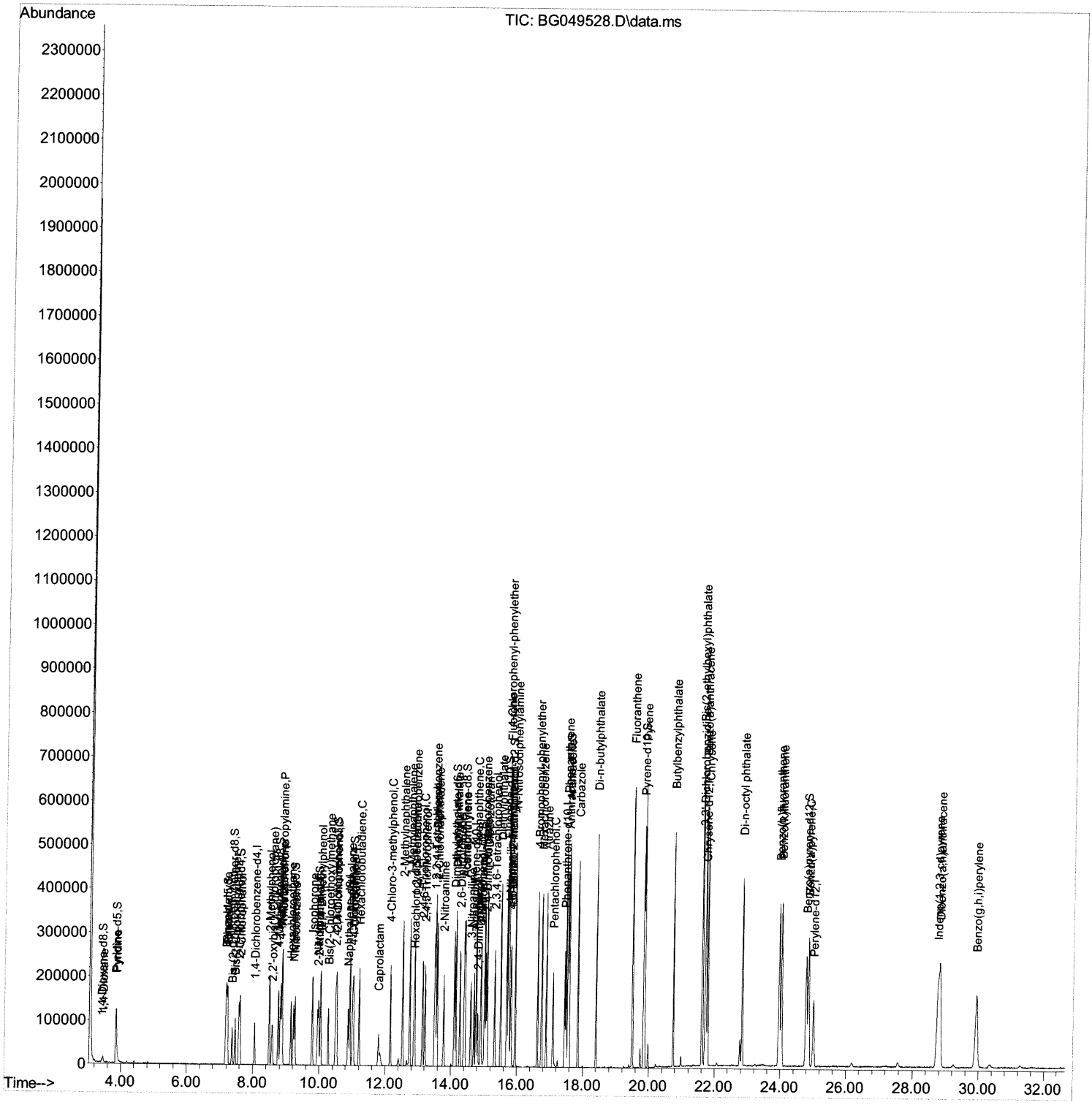
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049528.D
Acq On : 28 Jul 2021 11:19
Operator : CG/JU
Sample : PB137949BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 12:12:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS949

Manual Integrations APPROVED
mohammad
7/29/2021 1:41:50 PM



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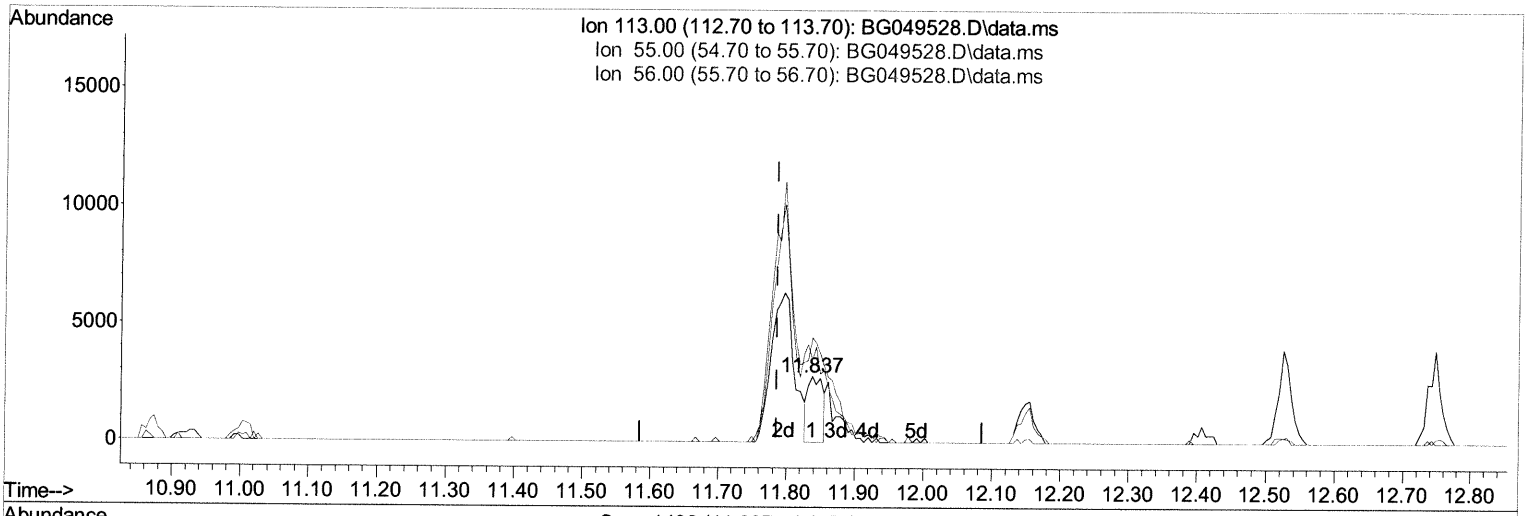

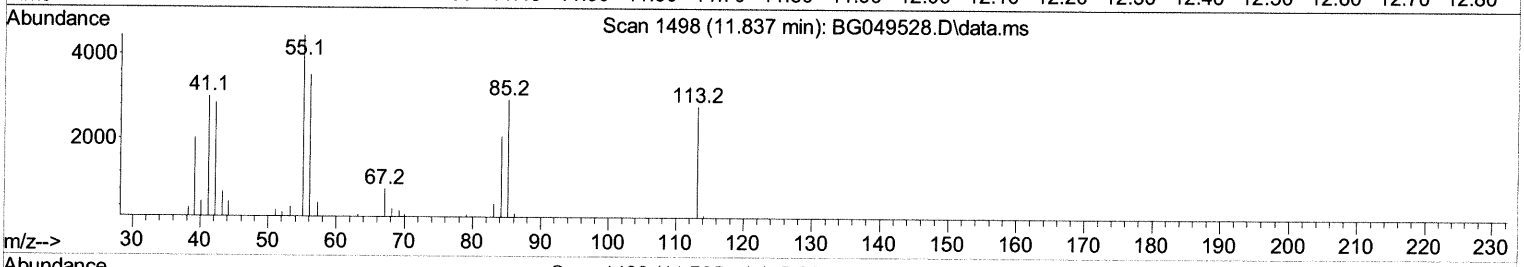

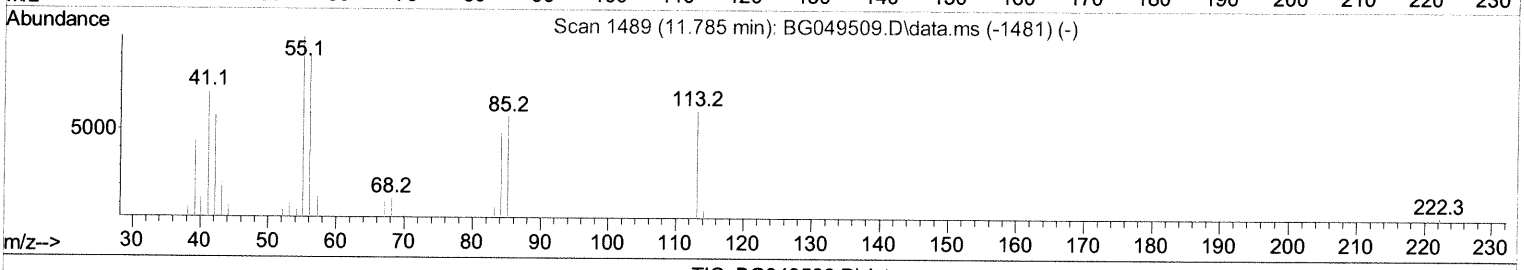

TIC: BG049528.D\data.ms

(34) Caprolactam

11.837min (+ 0.052) 7.75 ng/ul

response 4374

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	158.98
56.00	118.80	125.67
0.00	0.00	0.00

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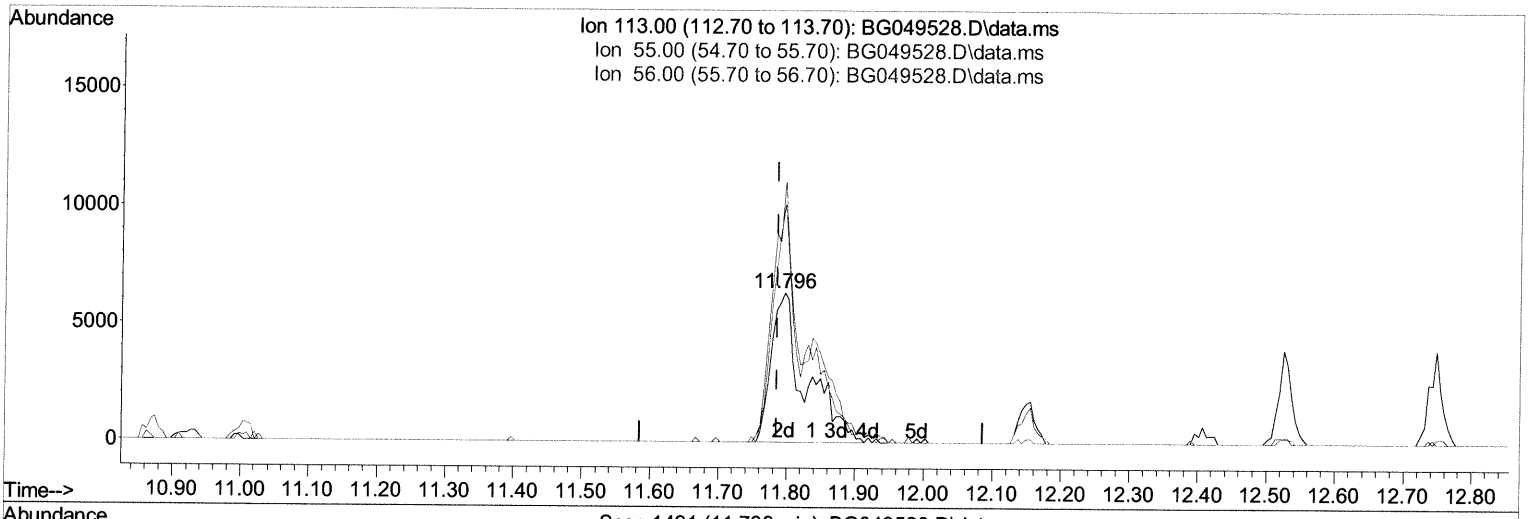

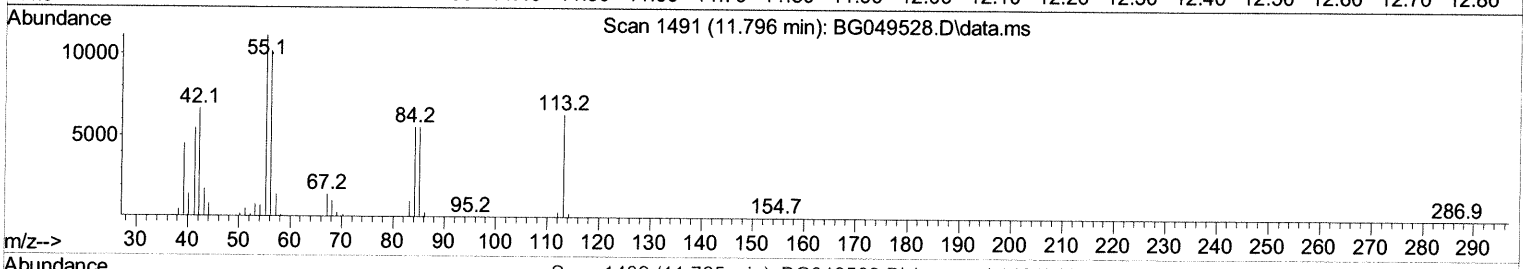

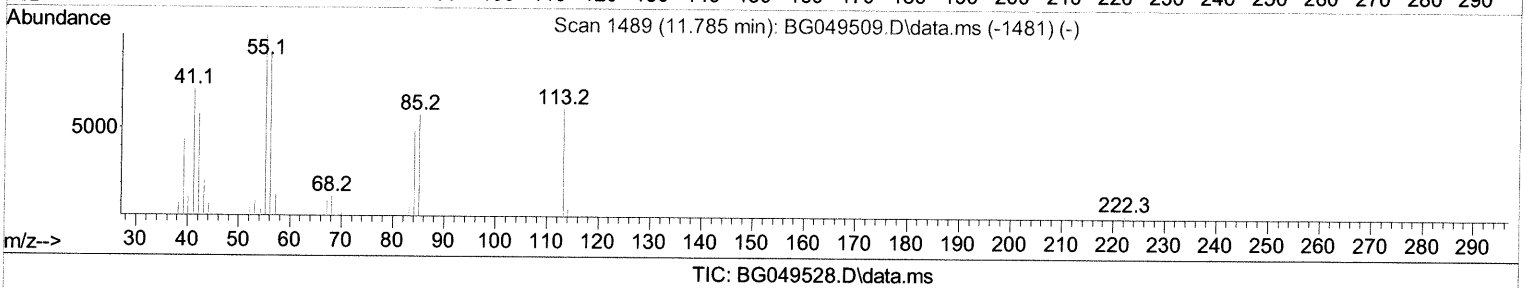

TIC: BG049528.D\data.ms

(34) Caprolactam

11.796min (+ 0.011) 38.96 ng/ul m 07/30/21 JU

response 21988

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	174.69
56.00	118.80	159.74#
0.00	0.00	0.00

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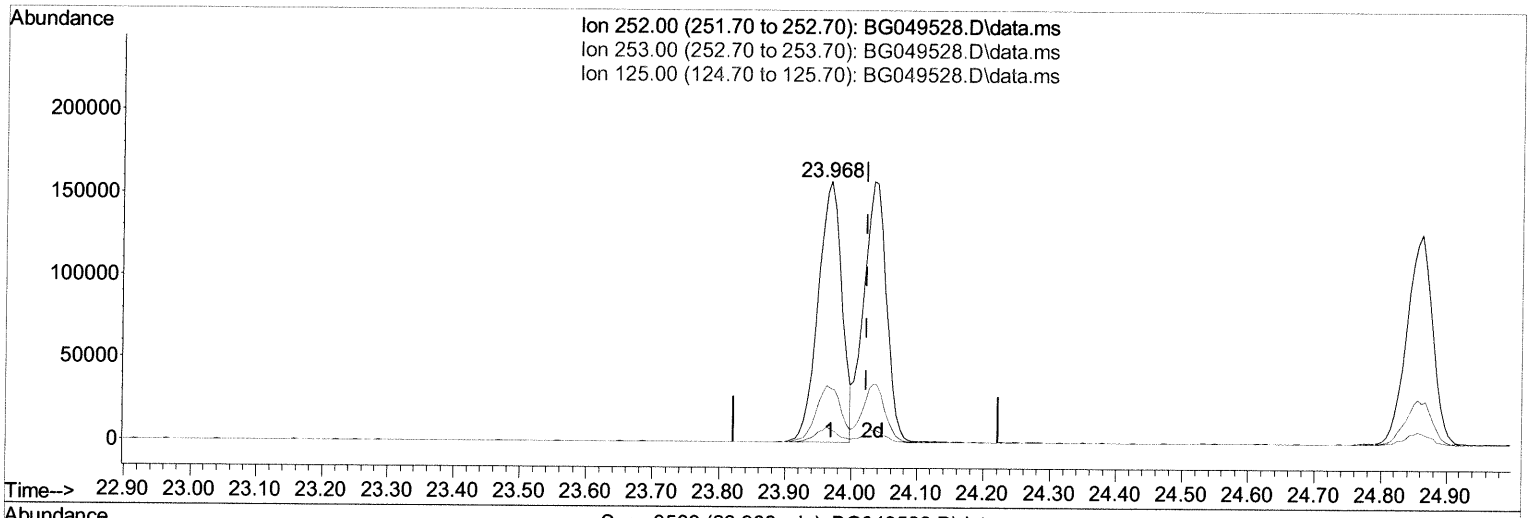

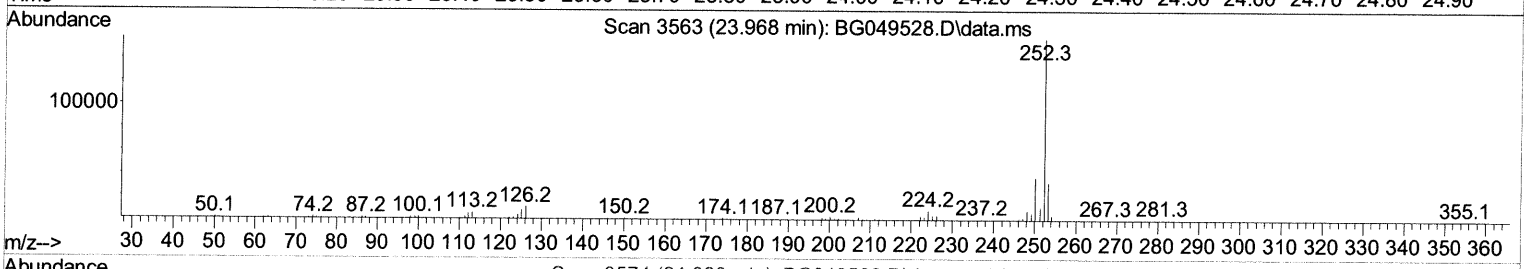

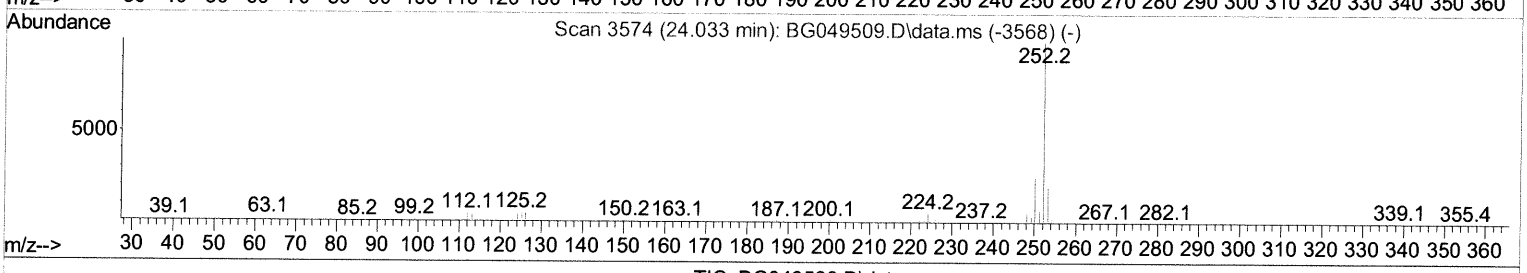

TIC: BG049528.D\data.ms

(91) Benzo(k)fluoranthene

23.968min (-0.054) 39.64 ng/ul

response 394748

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	20.65
125.00	5.80	4.75
0.00	0.00	0.00

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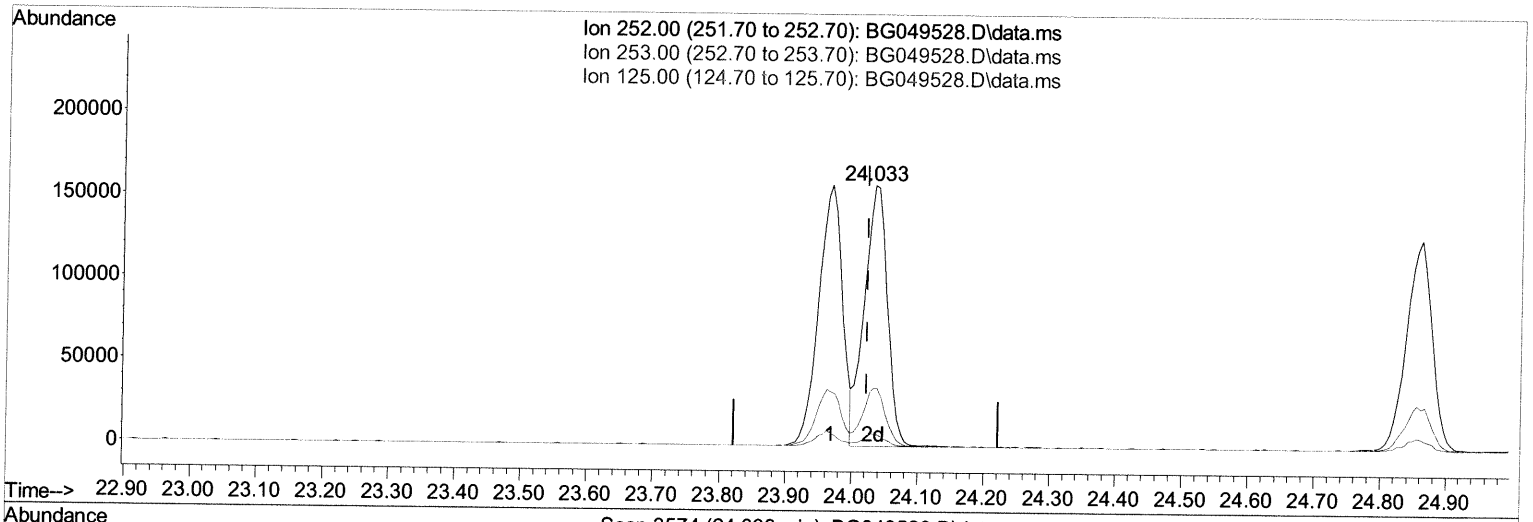

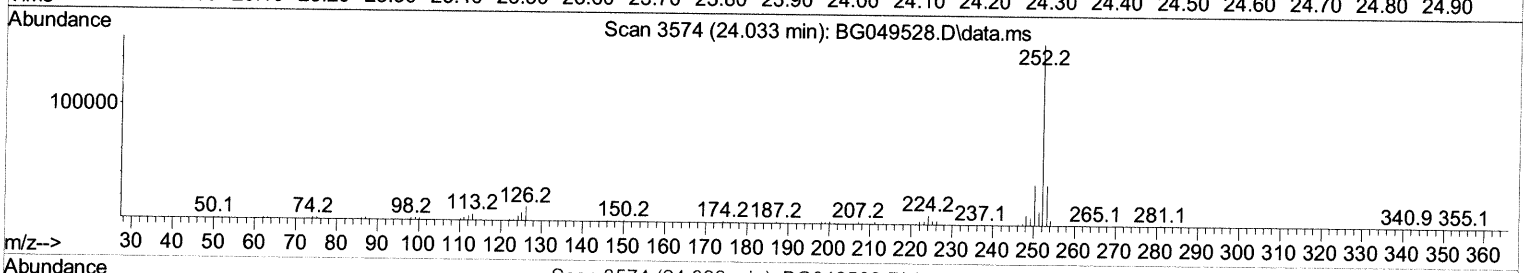

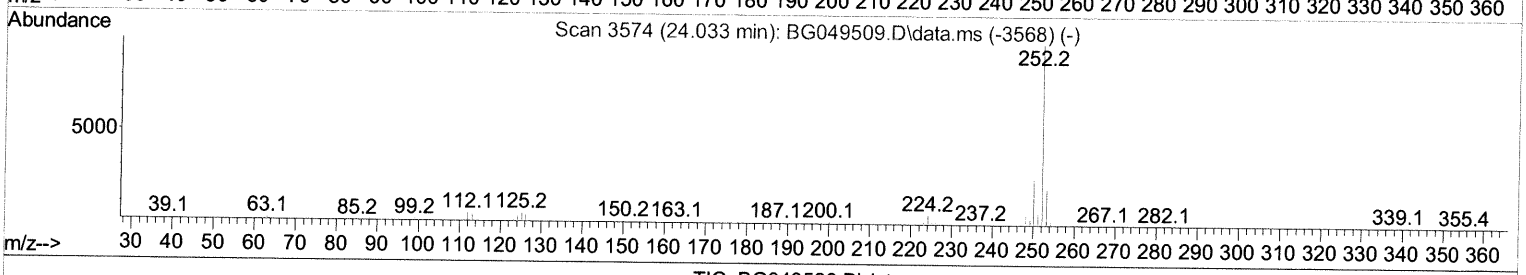

TIC: BG049528.D\data.ms

(91) Benzo(k)fluoranthene

24.033min (+ 0.011) 38.10 ng/ul m 07/30/21 JU

response 379390

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.18
125.00	5.80	4.35#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	25326	20.000	ng/ul	0.00
20) Naphthalene-d8	10.874	136	103596	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	75035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.453	188	167519	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	156239	20.000	ng/ul	0.00
88) Perylene-d12	25.014	264	162327	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	3717	6.715	ng/uL	0.00
4) Pyridine-d5	3.848	84	51205	32.205	ng/ul	0.00
7) Phenol-d5	7.203	99	76759	34.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	42203	33.255	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	56160	34.965	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	58575	34.681	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	28046	35.212	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	34552	37.020	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	60477	35.627	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	75103	31.746	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	194220	33.791	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	228814	34.274	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	32521	34.358	ng/ul	0.01
60) Fluorene-d10	15.691	176	166440	33.612	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	35943	34.625	ng/ul	0.01
73) Anthracene-d10	17.547	188	265708	34.127	ng/ul	0.00
81) Pyrene-d10	19.832	212	309056	38.685	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	294910	34.566	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	7927	10.477	ng/uL#	90
5) Pyridine	3.872	79	61039	35.889	ng/ul	97
6) Benzaldehyde	7.179	77	56732	42.430	ng/ul	95
8) Phenol	7.232	94	82738	37.799	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.461	93	56886	37.723	ng/ul	99
12) 2-Chlorophenol	7.614	128	61082	39.501	ng/ul	99
13) 2-Methylphenol	8.489	108	65327	39.158	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.577	45	64930	36.742	ng/ul#	91
16) Acetophenone	8.877	105	102465	37.694	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.859	70	54455	38.848	ng/ul#	93
18) 4-Methylphenol	8.824	108	67057	38.208	ng/ul	98
19) Hexachloroethane	9.135	117	26355	37.833	ng/ul	89
22) Nitrobenzene	9.259	77	88242	37.106	ng/ul	97
23) Isophorone	9.787	82	151390	37.991	ng/ul	98
25) 2-Nitrophenol	9.975	139	35787	40.743	ng/ul	90
26) 2,4-Dimethylphenol	10.034	107	78127	37.321	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.269	93	73088	36.774	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	66025	39.788	ng/ul	95
30) Naphthalene	10.921	128	200646	37.601	ng/ul	99
32) 4-Chloroaniline	11.027	127	80190	35.634	ng/ul#	89
33) Hexachlorobutadiene	11.203	225	48427	38.171	ng/ul	94
34) Caprolactam	11.796	113	21988m>	38.961	ng/ul>	07/30/21 JU
35) 4-Chloro-3-methylphenol	12.149	107	75337	40.350	ng/ul	93

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.525	142	149917	38.385 ng/ul	98
37) 1-Methylnaphthalene	12.748	142	146236	37.054 ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.895	216	83758	37.557 ng/ul	93
40) Hexachlorocyclopentadiene	12.871	237	35309	26.276 ng/ul	91
41) 2,4,6-Trichlorophenol	13.130	196	53215	38.829 ng/ul#	82
42) 2,4,5-Trichlorophenol	13.206	196	56973	38.926 ng/ul	93
43) 1,1'-Biphenyl	13.529	154	194185	36.342 ng/ul	99
44) 2-Chloronaphthalene	13.576	162	151994	36.555 ng/ul	95
45) 2-Nitroaniline	13.776	65	60384	40.923 ng/ul	91
47) Dimethylphthalate	14.146	163	206514	36.946 ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	43893	39.348 ng/ul	96
50) Acenaphthylene	14.422	152	233093	36.561 ng/ul	95
51) 3-Nitroaniline	14.598	138	41557	37.352 ng/ul	87
52) Acenaphthene	14.763	153	166389	36.389 ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	23678	42.603 ng/ul#	82
55) 4-Nitrophenol	14.916	109	47612	37.096 ng/ul	94
56) Dibenzofuran	15.098	168	233999	37.899 ng/ul	96
57) 2,4-Dinitrotoluene	15.062	165	64938	41.068 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.327	232	53318	40.143 ng/ul	93
59) Diethylphthalate	15.509	149	214987	37.163 ng/ul	97
61) Fluorene	15.750	166	195776	37.351 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.738	204	102578	37.595 ng/ul	88
63) 4-Nitroaniline	15.767	138	44351	40.199 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.826	198	35944	37.615 ng/ul#	82
67) N-Nitrosodiphenylamine	15.950	169	168256	38.325 ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	71691	38.435 ng/ul	97
69) Hexachlorobenzene	16.754	284	81285	38.516 ng/ul	95
70) Atrazine	16.895	200	78649	39.224 ng/ul	98
71) Pentachlorophenol	17.101	266	41710	42.685 ng/ul	95
72) Phenanthrene	17.494	178	319610	36.648 ng/ul	97
74) Anthracene	17.583	178	317296	35.904 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	84261	37.017 ng/uL	97
76) Pentachlorobenzene	15.021	250	93395	38.778 ng/uL	95
77) Carbazole	17.853	167	287271	36.359 ng/ul	99
78) Di-n-butylphthalate	18.405	149	359950	36.636 ng/ul	99
80) Fluoranthene	19.503	202	400278	41.264 ng/ul	99
82) Pyrene	19.862	202	395060	41.019 ng/ul	98
83) Butylbenzylphthalate	20.743	149	152617	40.702 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.624	252	137399	38.273 ng/ul	97
85) Benzo(a)anthracene	21.712	228	370218	38.757 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	222832	40.044 ng/ul	95
87) Chrysene	21.777	228	351353	38.429 ng/ul	99
89) Di-n-octyl phthalate	22.834	149	366979	38.460 ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	394748	38.799 ng/ul	98
91) Benzo(k)fluoranthene	24.033	252	379390m >	38.102 ng/ul >	07/30/21 JU
93) Benzo(a)pyrene	24.861	252	343719	38.942 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.762	276	454823	40.385 ng/ul	97
95) Dibenzo(a,h)anthracene	28.820	278	367223	39.403 ng/ul#	98
96) Benzo(g,h,i)perylene	29.942	276	367930	39.294 ng/ul#	93

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