Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049639.D
Acq On : 4 Aug 2021 17:26
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 04 18:26:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV421

Manual Integrations APPROVED
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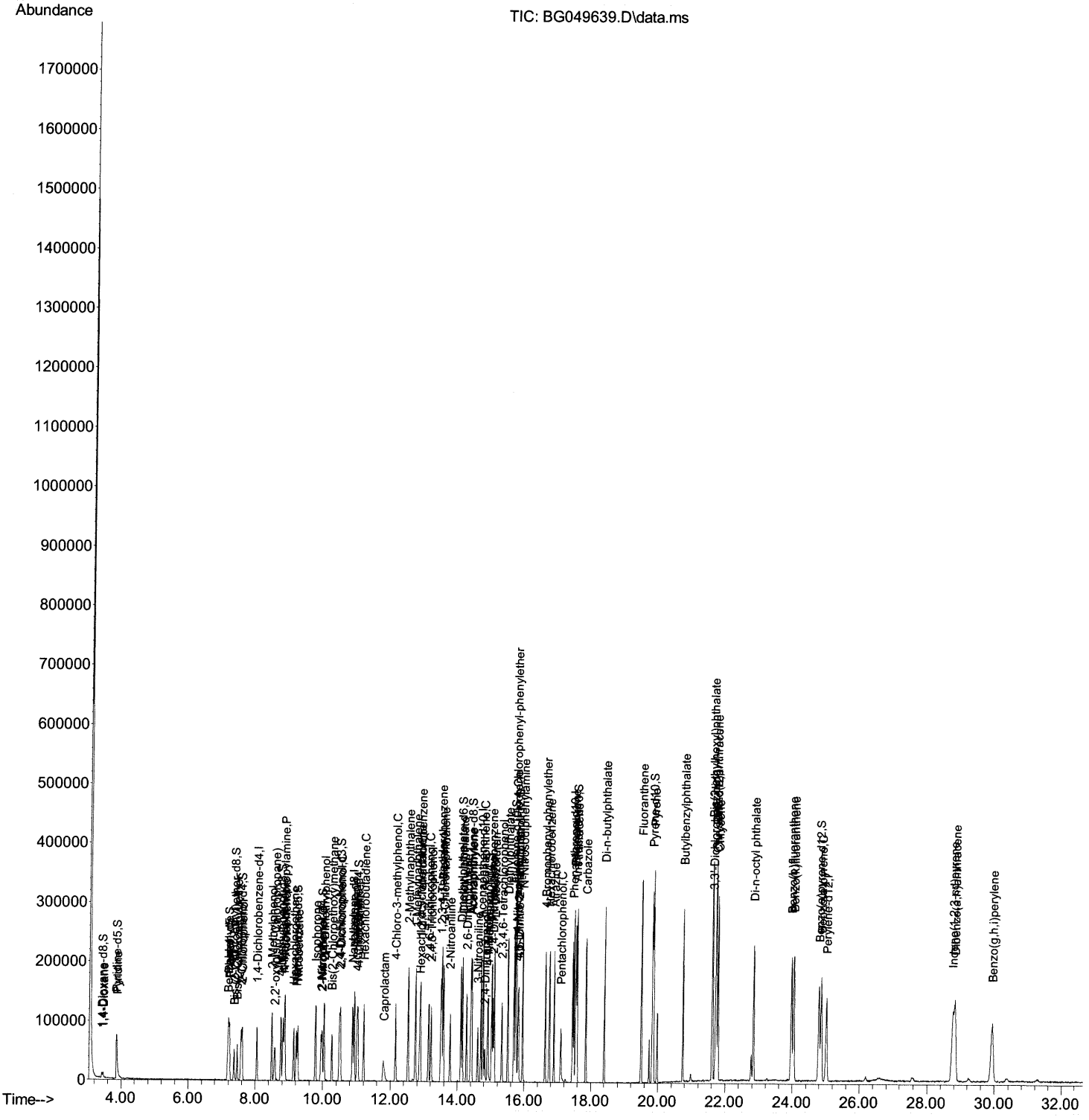

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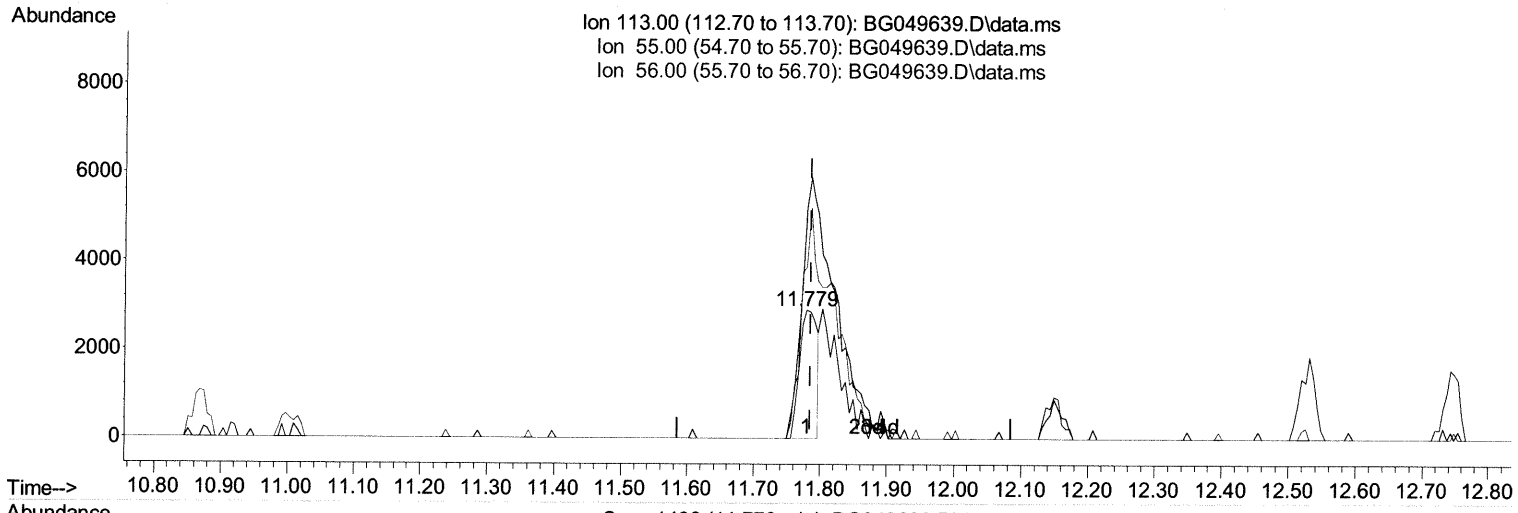

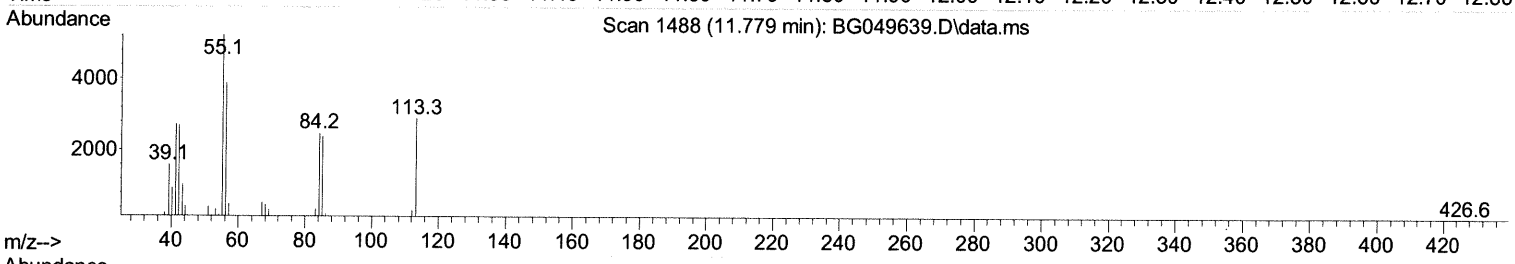

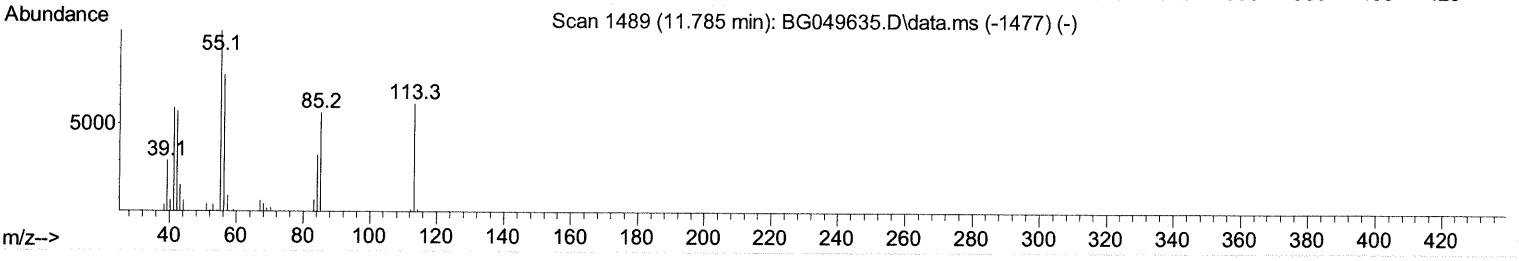

TIC: BG049639.D\data.ms

(34) Caprolactam

11.779min (-0.006) 10.44 ng/ul

response 5410

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	180.17
56.00	125.20	133.74
0.00	0.00	0.00

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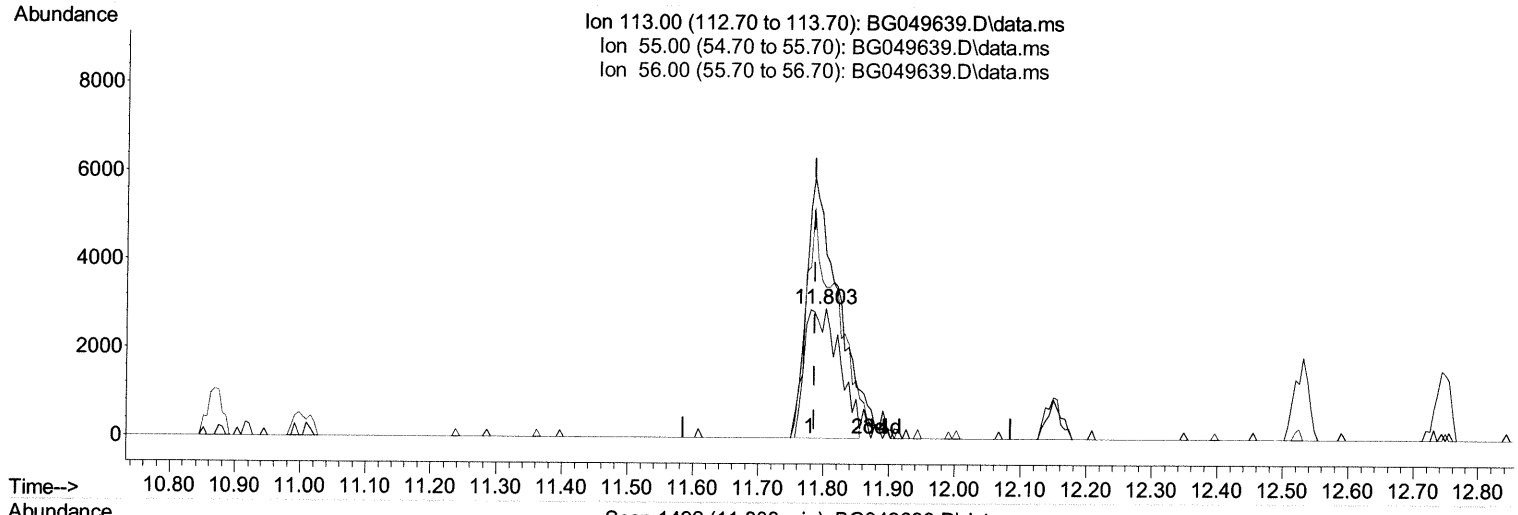

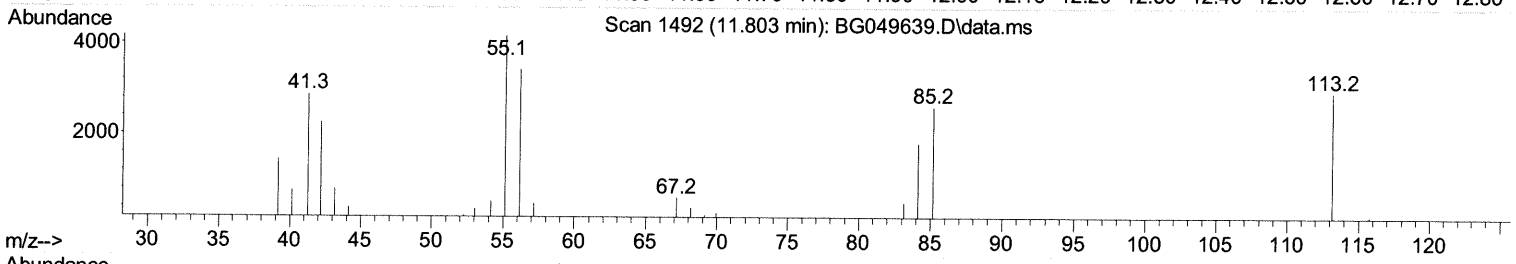

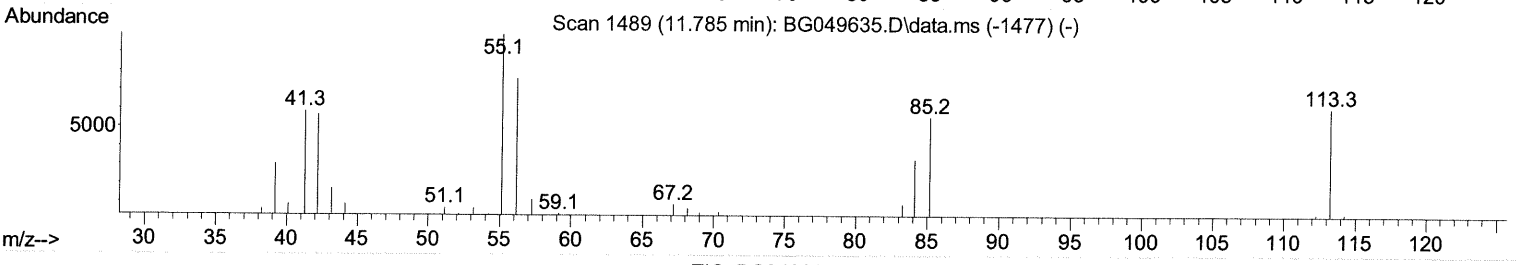

TIC: BG049639.D\data.ms

(34) Caprolactam

11.803min (+ 0.018) 20.84 ng/ul m 08/03/21 JU

response 10802

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	141.73
56.00	125.20	116.64
0.00	0.00	0.00

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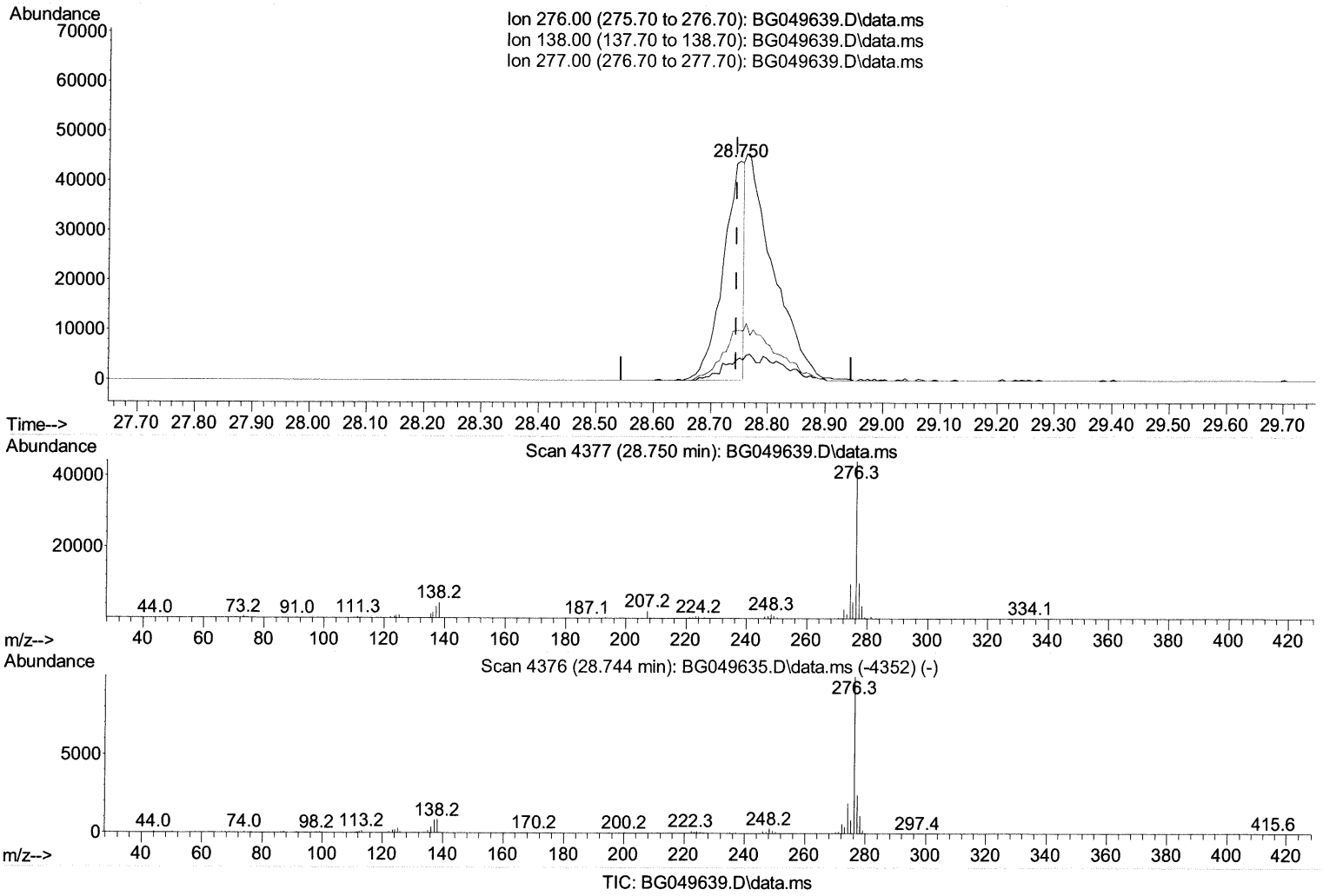

TIC: BG049639.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.750min (+ 0.006) 9.65 ng/ul

response 111887

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	10.16#
277.00	24.30	22.78
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_G
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SICV421

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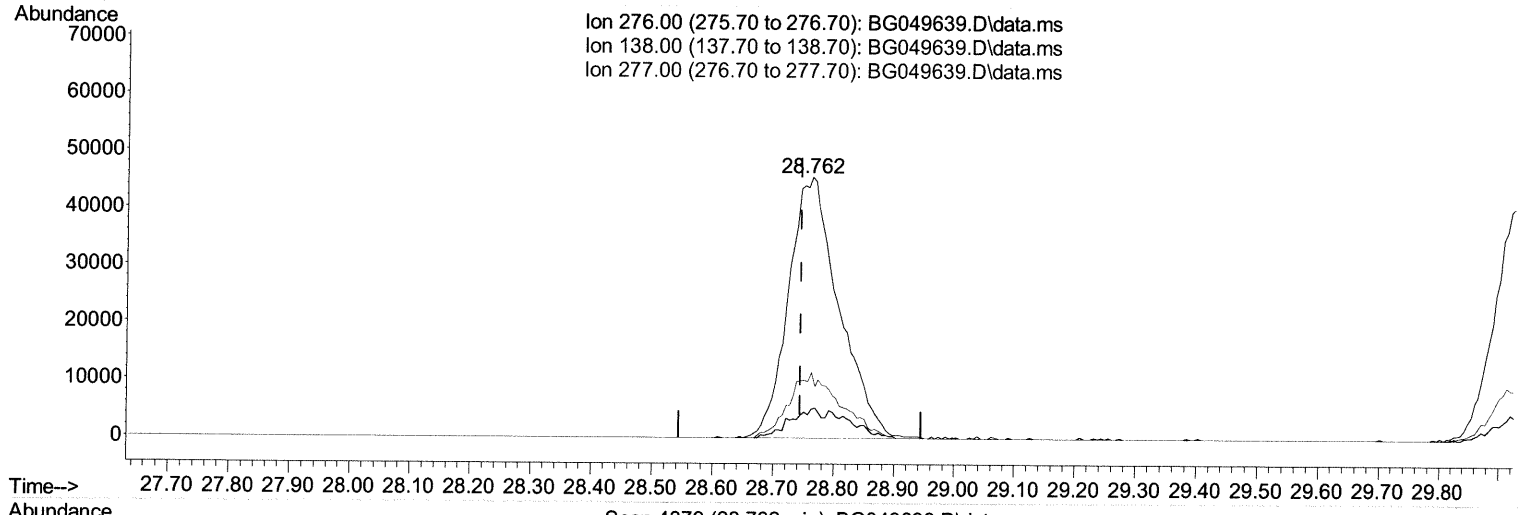

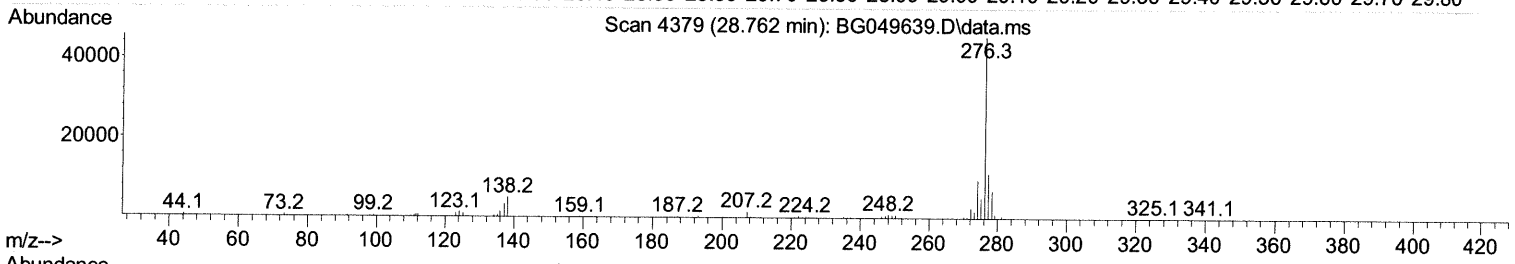

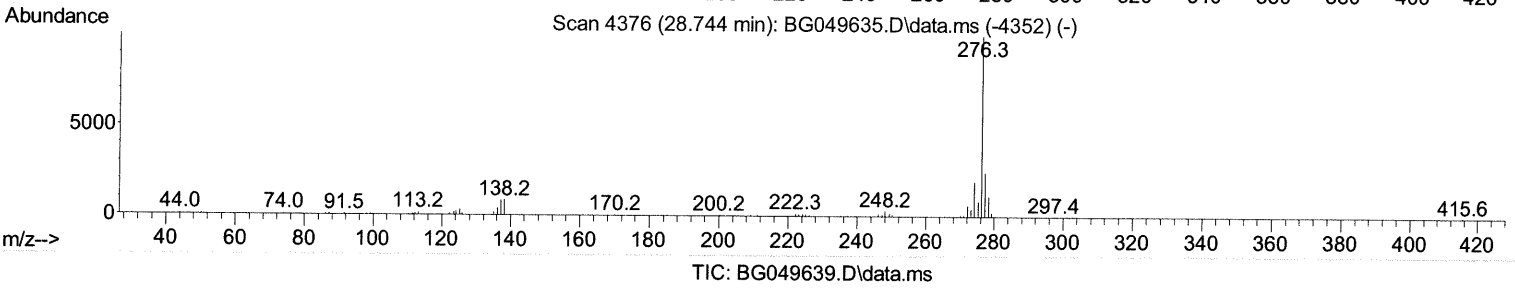

TIC: BG049639.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.762min (+ 0.018) 22.70 ng/ul m 08/04/21 JU

response 263119

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	11.00#
277.00	24.30	25.12
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	8.049	152	24524	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	101042	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	71930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.454	188	153851	20.000	ng/ul	0.01
79) Chrysene-d12	21.730	240	148113	20.000	ng/ul	0.00
88) Perylene-d12	25.014	264	153539	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4941	9.420	ng/uL	0.00
4) Pyridine-d5	3.854	84	31742	20.166	ng/ul	0.00
7) Phenol-d5	7.203	99	45387	20.392	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	26138	20.445	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	34375	21.579	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	36820	21.697	ng/ul	0.01
21) Nitrobenzene-d5	9.218	128	17000	21.359	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	19810	21.794	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.487	165	37586	21.930	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	49801	21.225	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	117675	20.847	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	137470	20.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	18903	20.712	ng/ul	0.01
60) Fluorene-d10	15.691	176	101575	20.934	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	21581	20.841	ng/ul	0.00
73) Anthracene-d10	17.548	188	155744	21.445	ng/ul	0.00
81) Pyrene-d10	19.833	212	180609	22.131	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	180858	21.498	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	5602	8.813	ng/uL#	84
5) Pyridine	3.872	79	33985	19.474	ng/ul	93
6) Benzaldehyde	7.179	77	22437	18.915	ng/ul#	83
8) Phenol	7.226	94	46414	21.049	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.461	93	33672	22.011	ng/ul	91
12) 2-Chlorophenol	7.608	128	34316	21.541	ng/ul	95
13) 2-Methylphenol	8.489	108	36992	21.425	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.577	45	38397	21.962	ng/ul#	88
16) Acetophenone	8.877	105	60398	21.444	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.854	70	33179	21.912	ng/ul	94
18) 4-Methylphenol	8.818	108	38860	21.543	ng/ul	100
19) Hexachloroethane	9.136	117	16422	23.245	ng/ul	89
22) Nitrobenzene	9.259	77	54612	23.138	ng/ul	91
23) Isophorone	9.782	82	93111	23.328	ng/ul#	96
25) 2-Nitrophenol	9.981	139	20928	22.478	ng/ul	96
26) 2,4-Dimethylphenol	10.034	107	48199	22.432	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	46183	22.838	ng/ul#	89
29) 2,4-Dichlorophenol	10.516	162	36884	22.752	ng/ul#	90
30) Naphthalene	10.921	128	118288	22.417	ng/ul	99
32) 4-Chloroaniline	11.027	127	48342	21.531	ng/ul	95
33) Hexachlorobutadiene	11.203	225	29258	21.972	ng/ul#	91
34) Caprolactam	11.803	113	10802m	> 20.841	ng/ul	> 80
35) 4-Chloro-3-methylphenol	12.149	107	43676	23.248	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.525	142	87960	21.770	ng/ul	99
37) 1-Methylnaphthalene	12.748	142	84451	21.480	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.895	216	48402	21.667	ng/ul	99
40) Hexachlorocyclopentadiene	12.872	237	24311	18.451	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.136	196	30510	21.342	ng/ul#	89
42) 2,4,5-Trichlorophenol	13.206	196	32312	21.065	ng/ul	94
43) 1,1'-Biphenyl	13.530	154	116471	21.737	ng/ul	98
44) 2-Chloronaphthalene	13.577	162	93316	22.247	ng/ul	99
45) 2-Nitroaniline	13.776	65	33320	22.564	ng/ul	93
47) Dimethylphthalate	14.146	163	124013	22.134	ng/ul#	96
48) 2,6-Dinitrotoluene	14.270	165	25278	22.090	ng/ul	98
50) Acenaphthylene	14.422	152	141678	22.360	ng/ul	97
51) 3-Nitroaniline	14.599	138	19001	18.651	ng/ul#	77
52) Acenaphthene	14.763	153	100758	22.263	ng/ul	95
53) 2,4-Dinitrophenol	14.816	184	12199	19.349	ng/ul#	85
55) 4-Nitrophenol	14.910	109	24938	20.894	ng/ul	98
56) Dibenzofuran	15.098	168	135342	21.556	ng/ul	97
57) 2,4-Dinitrotoluene	15.057	165	34952	21.176	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.327	232	29496	23.335	ng/ul#	97
59) Diethylphthalate	15.509	149	128274	22.707	ng/ul	97
61) Fluorene	15.750	166	114452	22.417	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.738	204	60814	21.878	ng/ul	98
63) 4-Nitroaniline	15.762	138	17861	18.752	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.826	198	20930	21.570	ng/ul#	92
67) N-Nitrosodiphenylamine	15.950	169	93142	21.966	ng/ul	94
68) 4-Bromophenyl-phenylether	16.631	248	40686	22.734	ng/ul	98
69) Hexachlorobenzene	16.755	284	46324	22.866	ng/ul	92
70) Atrazine	16.896	200	41224	22.100	ng/ul	92
71) Pentachlorophenol	17.101	266	16926	17.445	ng/ul	91
72) Phenanthrene	17.495	178	182899	22.461	ng/ul	98
74) Anthracene	17.583	178	186882	22.943	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	50664	22.419	ng/uL	97
76) Pentachlorobenzene	15.022	250	52731	22.126	ng/uL	93
77) Carbazole	17.853	167	156245	21.465	ng/ul	98
78) Di-n-butylphthalate	18.405	149	202304	22.732	ng/ul	98
80) Fluoranthene	19.504	202	225453	22.385	ng/ul	98
82) Pyrene	19.862	202	225973	22.496	ng/ul	99
83) Butylbenzylphthalate	20.743	149	85343	22.293	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.625	252	74278	21.183	ng/ul	95
85) Benzo(a)anthracene	21.713	228	216919	22.306	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	122897	21.916	ng/ul	99
87) Chrysene	21.777	228	203366	22.392	ng/ul	97
89) Di-n-octyl phthalate	22.835	149	208469	21.767	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	223522	22.273	ng/ul	98
91) Benzo(k)fluoranthene	24.033	252	225677	22.648	ng/ul	98
93) Benzo(a)pyrene	24.855	252	201404	22.797	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.762	276	263119m	22.695	ng/ul	08/04/21 JU
95) Dibenzo(a,h)anthracene	28.821	278	218657	22.608	ng/ul	99
96) Benzo(g,h,i)perylene	29.937	276	217377	22.547	ng/ul	94

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