

(QT Reviewed)

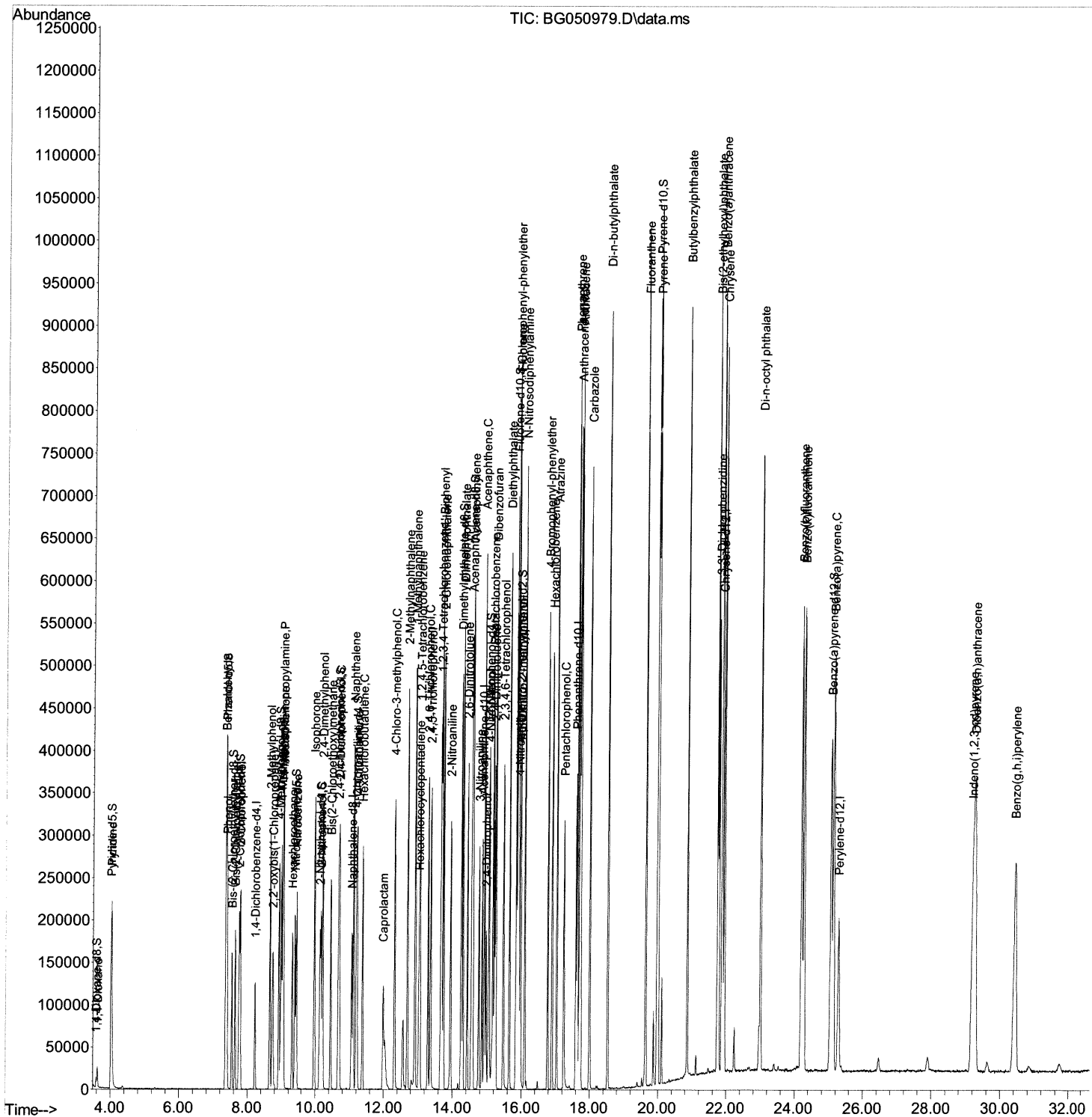
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\  
Data File : BG050979.D  
Acq On    : 11 Nov 2021   23:12  
Operator  : CG/JU  
Sample    : PB140632BS  
Misc      :  
ALS Vial  : 18    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
SLCS632

Manual IntegrationsAPPROVED

Quant Time: Nov 12 02:33:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 11 12:40:48 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



Quantitation Report (Qedit)

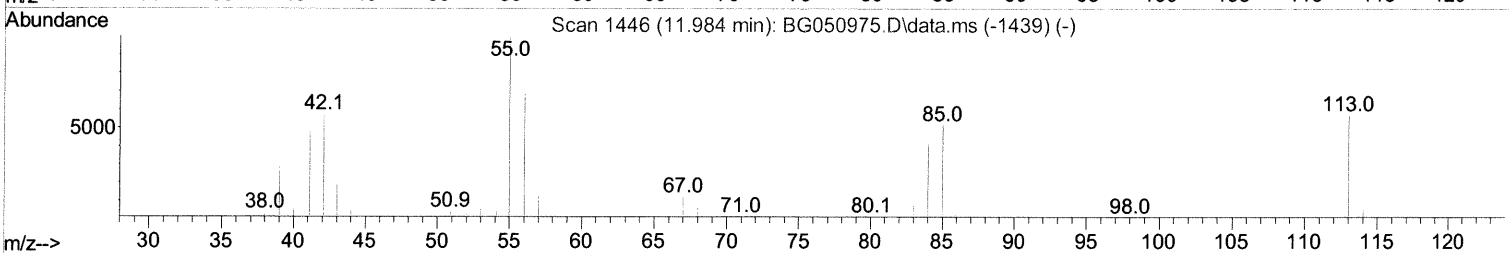
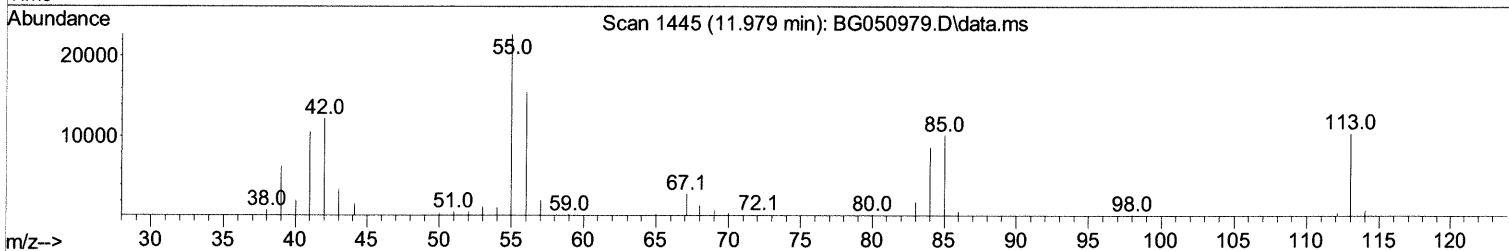
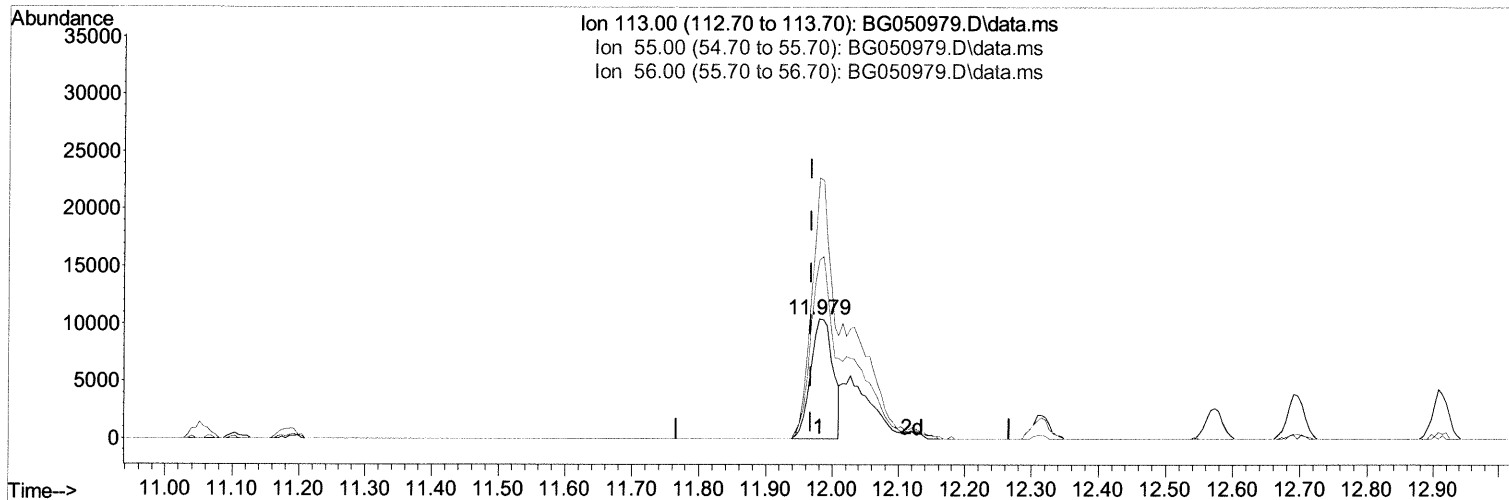
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TIC: BG050979.D\data.ms

(34) Caprolactam

11.979min (+ 0.013) 23.40 ng/u1

response 24366

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	217.95
56.00	136.50	149.38
0.00	0.00	0.00

Quantitation Report (Qedit)

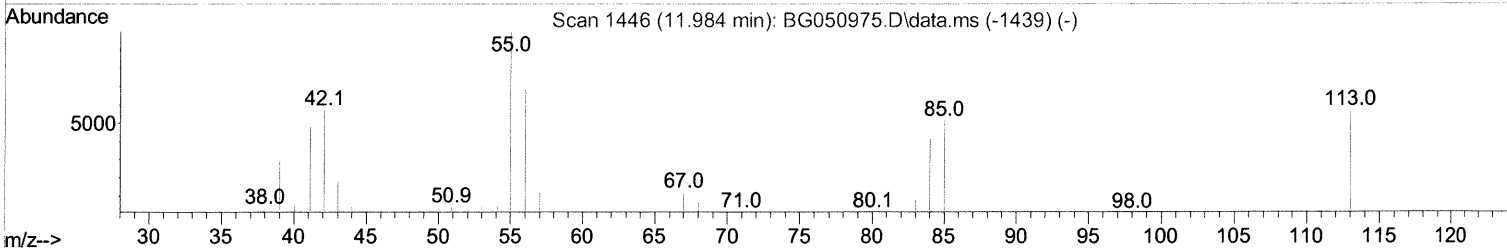
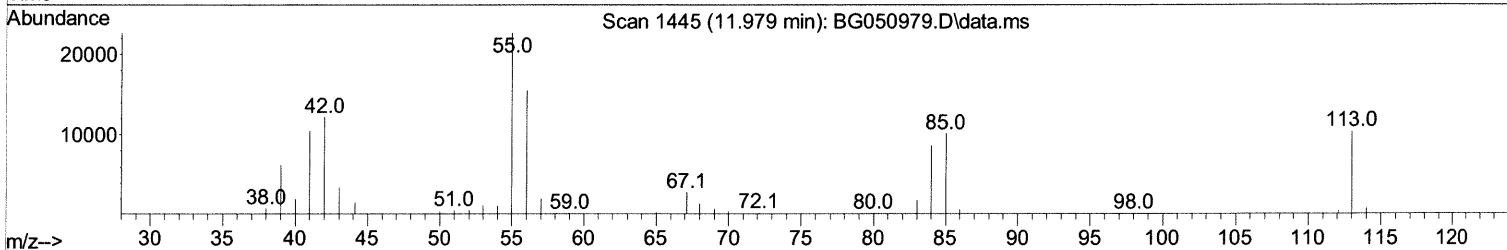
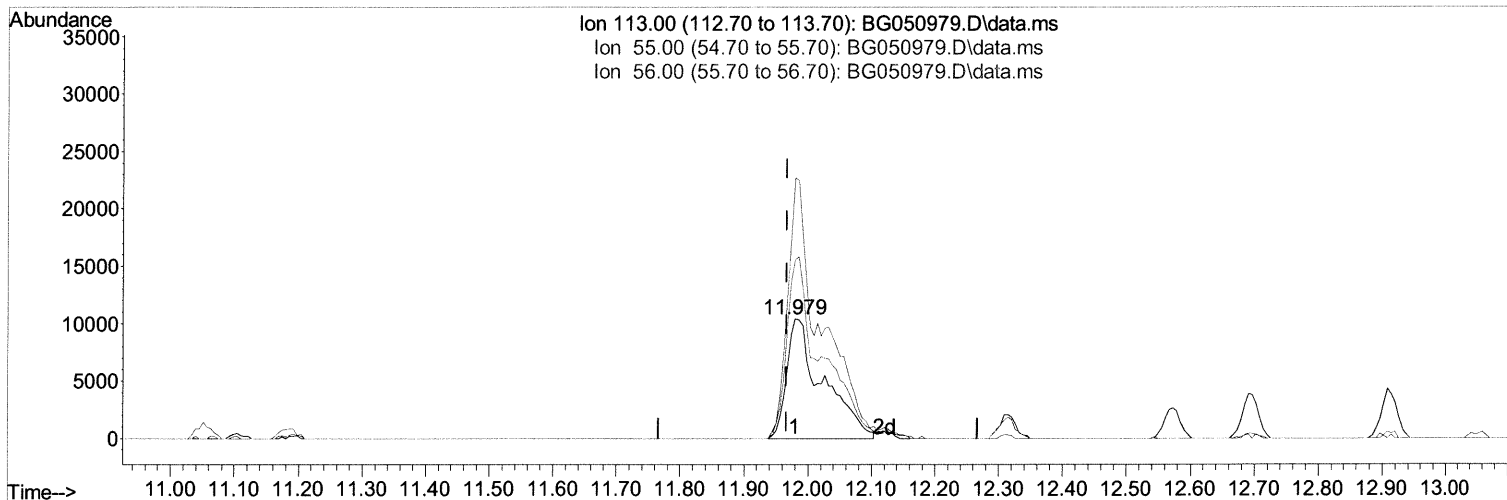
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(34) Caprolactam

11.979min (+ 0.013) 39.28 ng/ul m 11/13/21JU

response 40896

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	217.95
56.00	136.50	149.38
0.00	0.00	0.00

Quantitation Report (Qedit)

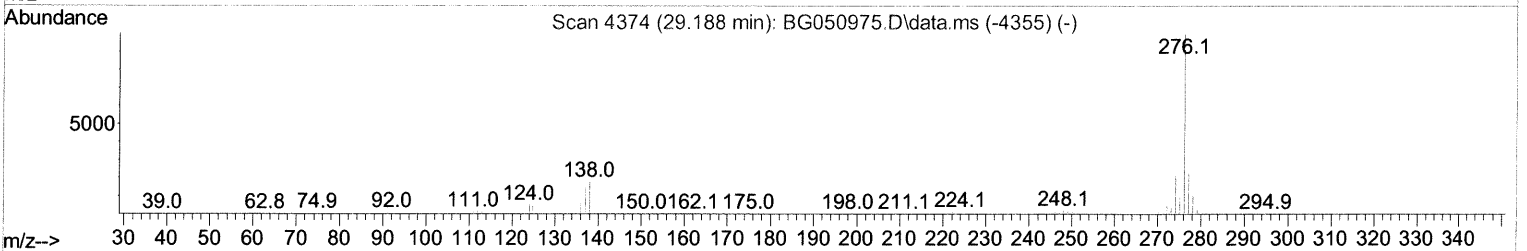
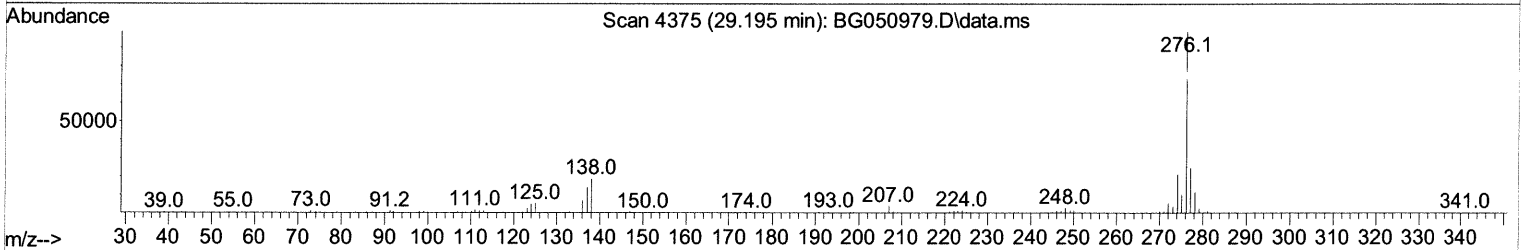
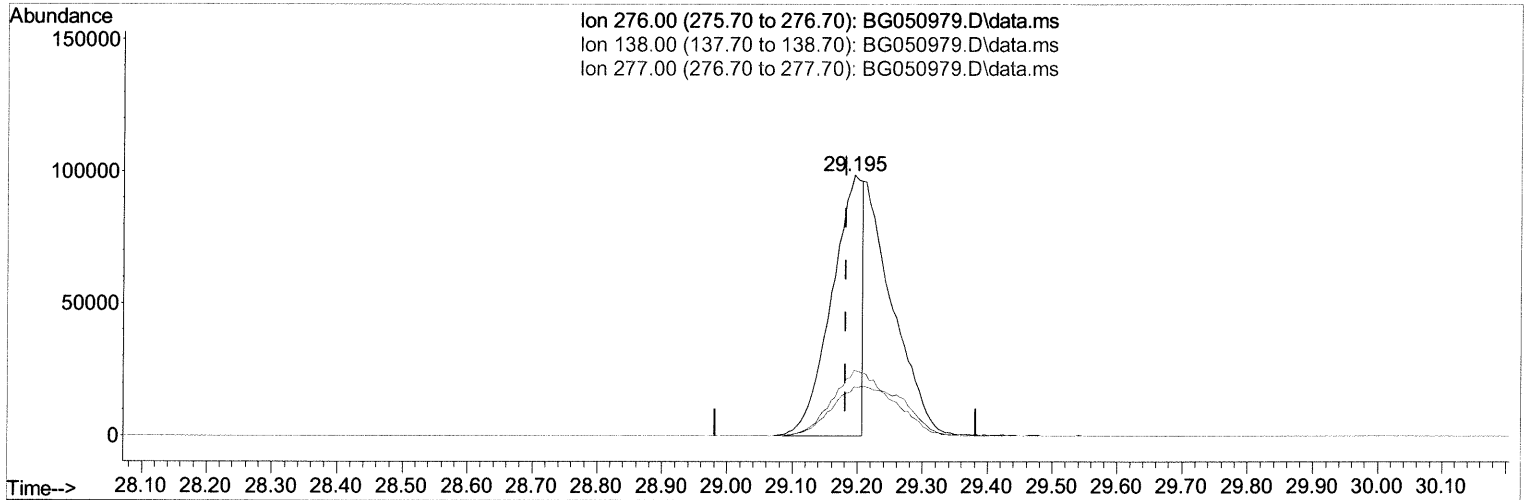
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TIC: BG050979.D\data.ms

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

29.195min (+ 0.013) 22.88 ng/ul

response 323526

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	18.86
277.00	25.60	25.01
0.00	0.00	0.00

Quantitation Report (Qedit)

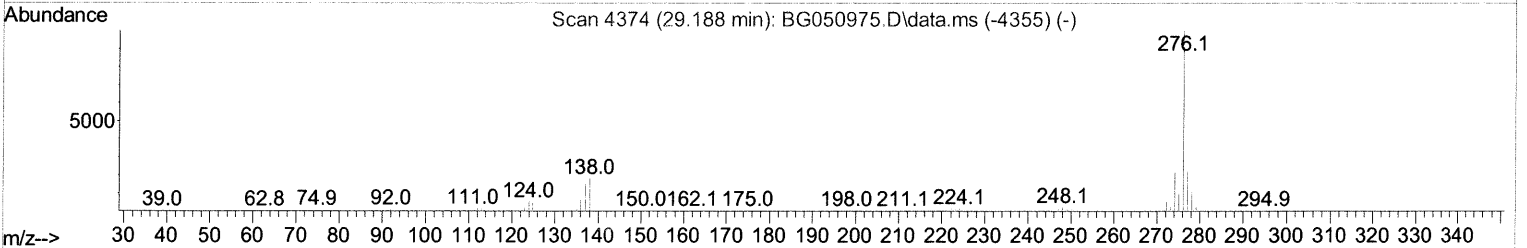
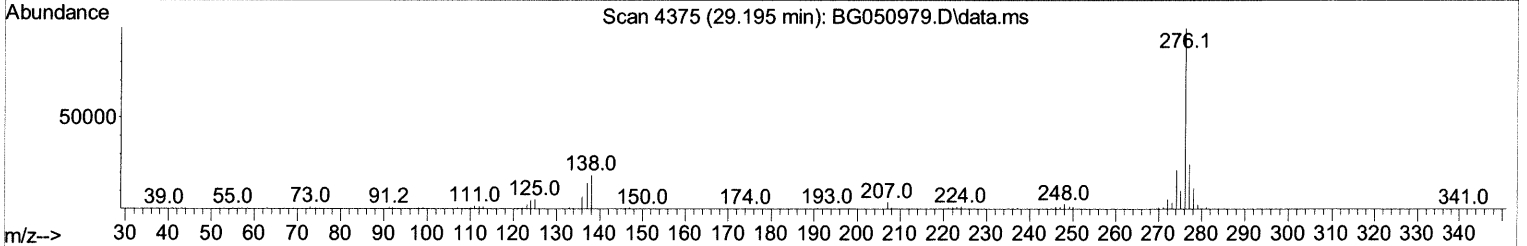
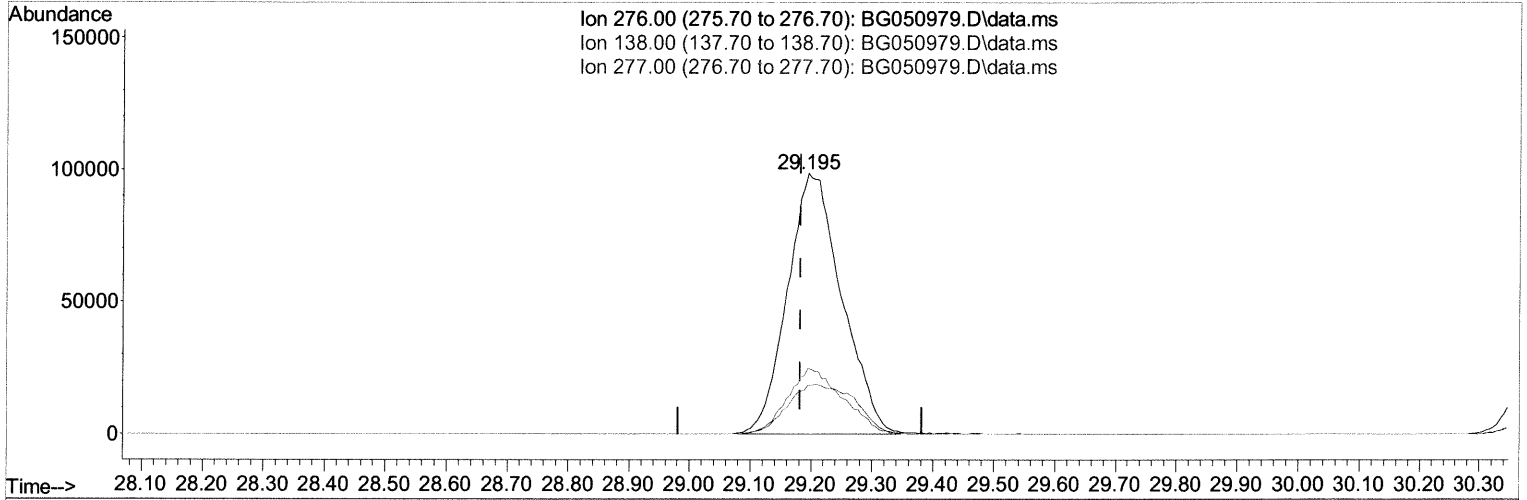
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TIC: BG050979.D\data.ms

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

29.195min (+ 0.013) 43.17 ng/ul m 11/13/21 JU

response 610347

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	18.86
277.00	25.60	25.01
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	8.231	152	34607	20.00	ng/ul	0.00
20) Naphthalene-d8	11.051	136	157964	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.853	164	104226	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.596	188	227085	20.00	ng/ul	0.00
79) Chrysene-d12	21.891	240	190620	20.00	ng/ul	0.00
88) Perylene-d12	25.293	264	187200	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	6174	5.76	ng/uL	0.00
4) Pyridine-d5	4.018	84	96345	30.04	ng/ul	0.00
7) Phenol-d5	7.373	99	133838	36.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	83209	34.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	93192	36.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	103294	35.54	ng/ul	0.00
21) Nitrobenzene-d5	9.400	128	49524	36.89	ng/ul	0.00
24) 2-Nitrophenol-d4	10.129	143	57045	38.22	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.669	165	96272	38.29	ng/ul	0.00
31) 4-Chloroaniline-d4	11.186	131	127090	33.38	ng/ul	0.00
46) Dimethylphthalate-d6	14.247	166	320943	40.25	ng/ul	0.00
49) Acenaphthylene-d8	14.547	160	392187	39.48	ng/ul	0.00
54) 4-Nitrophenol-d4	15.046	143	62224	43.04	ng/ul	0.01
60) Fluorene-d10	15.840	176	280712	39.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	60981	44.29	ng/ul	0.00
73) Anthracene-d10	17.696	188	446333	41.57	ng/ul	0.00
81) Pyrene-d10	19.970	212	512517	41.63	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.064	264	430817	41.63	ng/ul	0.01
Target Compounds						
2) 1,4-Dioxane	3.630	88	14150	12.01	ng/uL	92
5) Pyridine	4.036	79	106596	32.10	ng/ul	98
6) Benzaldehyde	7.361	77	88421	37.97	ng/ul	97
8) Phenol	7.402	94	143060	37.46	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.637	93	104260	36.47	ng/ul	100
12) 2-Chlorophenol	7.790	128	98871	38.06	ng/ul	97
13) 2-Methylphenol	8.666	108	105364	37.32	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.754	45	163009	36.20	ng/ul	100
16) Acetophenone	9.059	105	167161	37.02	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.036	70	101321	37.19	ng/ul	99
18) 4-Methylphenol	8.995	108	112729	37.51	ng/ul	99
19) Hexachloroethane	9.318	117	38908	35.82	ng/ul	99
22) Nitrobenzene	9.447	77	140811	37.61	ng/ul	96
23) Isophorone	9.964	82	281764	38.78	ng/ul	99
25) 2-Nitrophenol	10.158	139	61123	40.82	ng/ul	95
26) 2,4-Dimethylphenol	10.205	107	126435	38.36	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.440	93	148382	37.90	ng/ul	98
29) 2,4-Dichlorophenol	10.693	162	99145	40.43	ng/ul	96
30) Naphthalene	11.104	128	332657	38.51	ng/ul	98
32) 4-Chloroaniline	11.210	127	132160	34.96	ng/ul	98
33) Hexachlorobutadiene	11.374	225	63203	39.26	ng/ul	97
34) Caprolactam	11.979	113	40896m	39.28	ng/ul	97
35) 4-Chloro-3-methylphenol	12.314	107	125443	40.04	ng/ul	100

11/13/21 JU

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.696	142	225192	38.27	ng/ul	98
37) 1-Methylnaphthalene	12.914	142	228098	38.25	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.055	216	127630	42.03	ng/ul	97
40) Hexachlorocyclopentadiene	13.025	237	52580	36.05	ng/ul	98
41) 2,4,6-Trichlorophenol	13.290	196	86993	43.78	ng/ul	100
42) 2,4,5-Trichlorophenol	13.366	196	94418	44.26	ng/ul	99
43) 1,1'-Biphenyl	13.689	154	305682	40.13	ng/ul	98
44) 2-Chloronaphthalene	13.736	162	241676	40.48	ng/ul	97
45) 2-Nitroaniline	13.936	65	98019	41.33	ng/ul	98
47) Dimethylphthalate	14.294	163	332302	41.68	ng/ul	99
48) 2,6-Dinitrotoluene	14.424	165	71932	43.11	ng/ul	95
50) Acenaphthylene	14.576	152	398117	39.98	ng/ul	99
51) 3-Nitroaniline	14.759	138	68861	39.90	ng/ul	95
52) Acenaphthene	14.917	153	267142	40.80	ng/ul	98
53) 2,4-Dinitrophenol	14.964	184	41668	45.26	ng/ul	92
55) 4-Nitrophenol	15.058	109	58023	43.76	ng/ul	94
56) Dibenzofuran	15.246	168	377541	40.29	ng/ul	98
57) 2,4-Dinitrotoluene	15.211	165	104232	43.77	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.469	232	78064	46.56	ng/ul	100
59) Diethylphthalate	15.646	149	356591	41.78	ng/ul	99
61) Fluorene	15.898	166	301109	40.60	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.881	204	159698	41.35	ng/ul	98
63) 4-Nitroaniline	15.922	138	75740	44.24	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.975	198	62313	46.41	ng/ul#	98
67) N-Nitrosodiphenylamine	16.098	169	274904	43.31	ng/ul	99
68) 4-Bromophenyl-phenylether	16.774	248	100941	44.69	ng/ul	96
69) Hexachlorobenzene	16.897	284	104316	44.92	ng/ul	97
70) Atrazine	17.038	200	115242	42.81	ng/ul	98
71) Pentachlorophenol	17.244	266	58572	54.94	ng/ul	95
72) Phenanthrene	17.637	178	525470	43.35	ng/ul	100
74) Anthracene	17.732	178	519247	42.69	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.660	216	130595	42.24	ng/ul	97
76) Pentachlorobenzene	15.164	250	118521	41.37	ng/ul	99
77) Carbazole	18.002	167	487717	44.74	ng/ul	98
78) Di-n-butylphthalate	18.531	149	625736	43.68	ng/ul	100
80) Fluoranthene	19.641	202	644020	43.59	ng/ul	98
82) Pyrene	19.999	202	622887	43.14	ng/ul	99
83) Butylbenzylphthalate	20.863	149	274997	44.29	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.780	252	192302	41.42	ng/ul	96
85) Benzo(a)anthracene	21.874	228	577066	43.73	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.739	149	386376	43.36	ng/ul	99
87) Chrysene	21.944	228	552536	43.83	ng/ul	100
89) Di-n-octyl phthalate	23.008	149	649100	42.59	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	582869	43.71	ng/ul	99
91) Benzo(k)fluoranthene	24.277	252	533814	42.66	ng/ul	99
93) Benzo(a)pyrene	25.135	252	541799	42.66	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.195	276	610347m	43.17	ng/ul >	11/13/21 30
95) Dibenzo(a,h)anthracene	29.259	278	514449	43.00	ng/ul	98
96) Benzo(g,h,i)perylene	30.428	276	508350	42.95	ng/ul	96

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