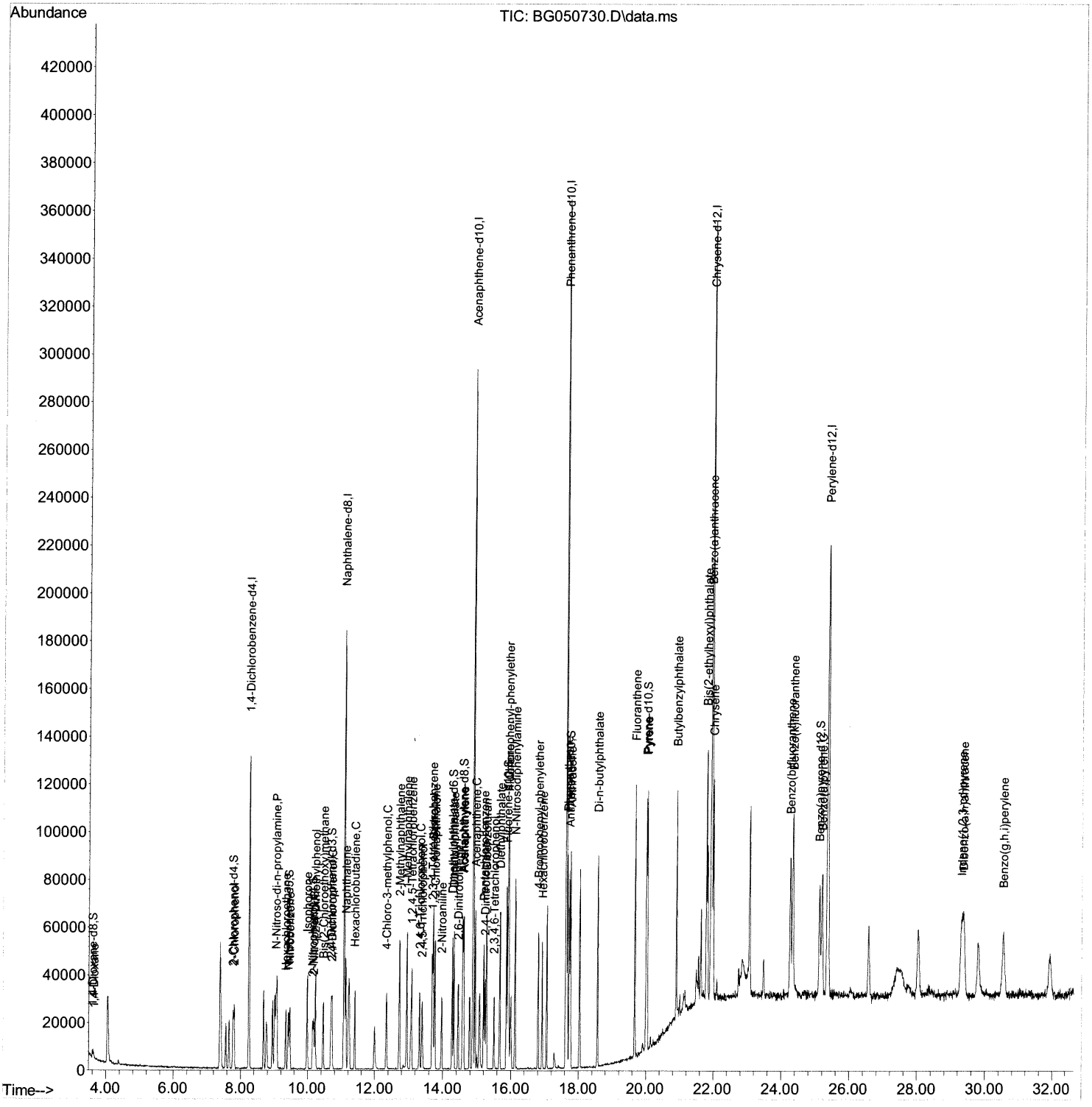
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050730.D
Acq On : 26 Oct 2021 14:10
Operator : CG/JU
Sample : SSTD00547
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 16:22:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005447

Manual Integrations APPROVED
mohammad
10/27/2021 11:49:45 AM



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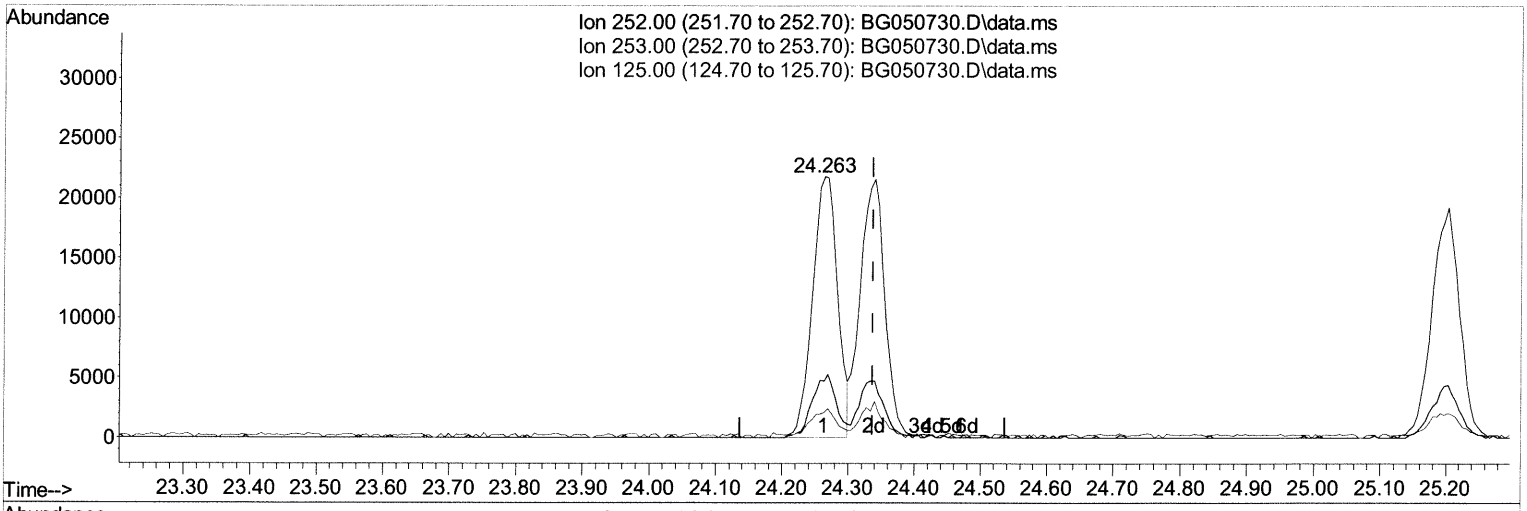

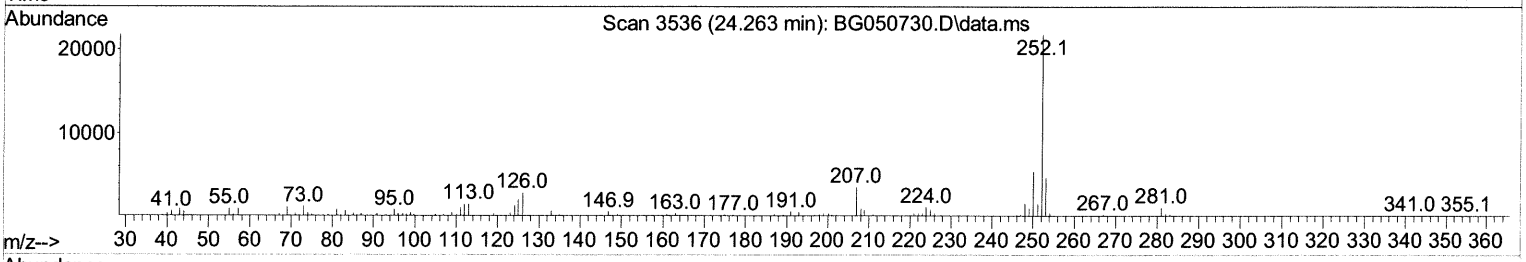

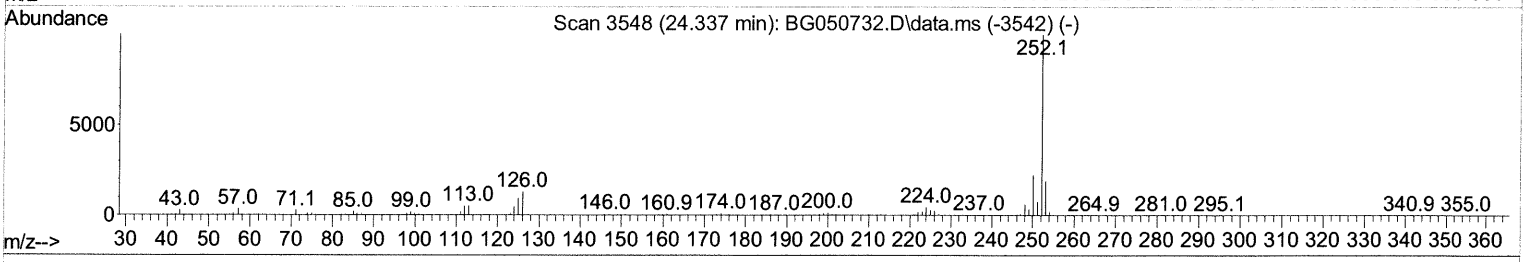

TIC: BG050730.D\data.ms

(91) Benzo(k)fluoranthene

24.263min (-0.074) 5.65 ng/ul

response 57616

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	21.67
125.00	9.20	9.61
0.00	0.00	0.00

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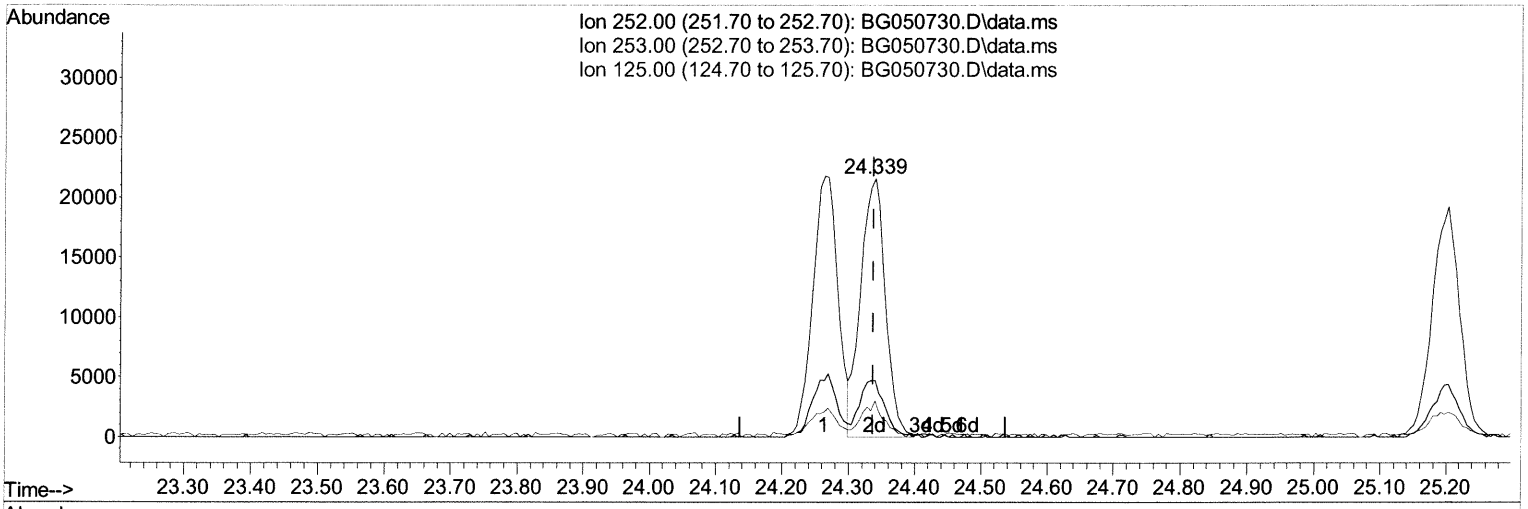

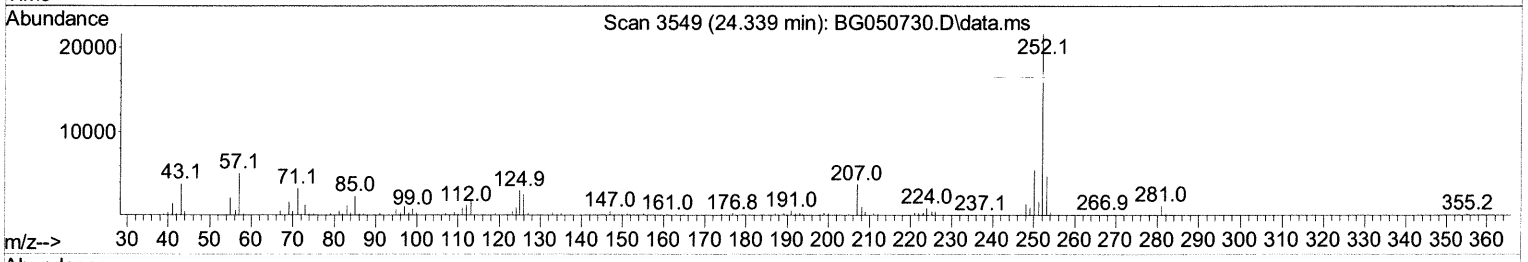

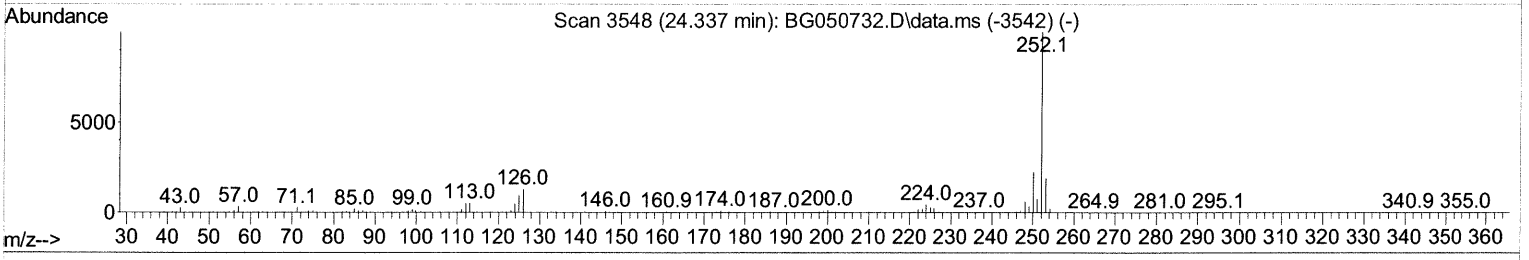

TIC: BG050730.D\data.ms

(91) Benzo(k)fluoranthene

24.339min (+ 0.002) 5.48 ng/ul m 10/30/21 JU

response 55866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	21.82
125.00	9.20	14.02#
0.00	0.00	0.00

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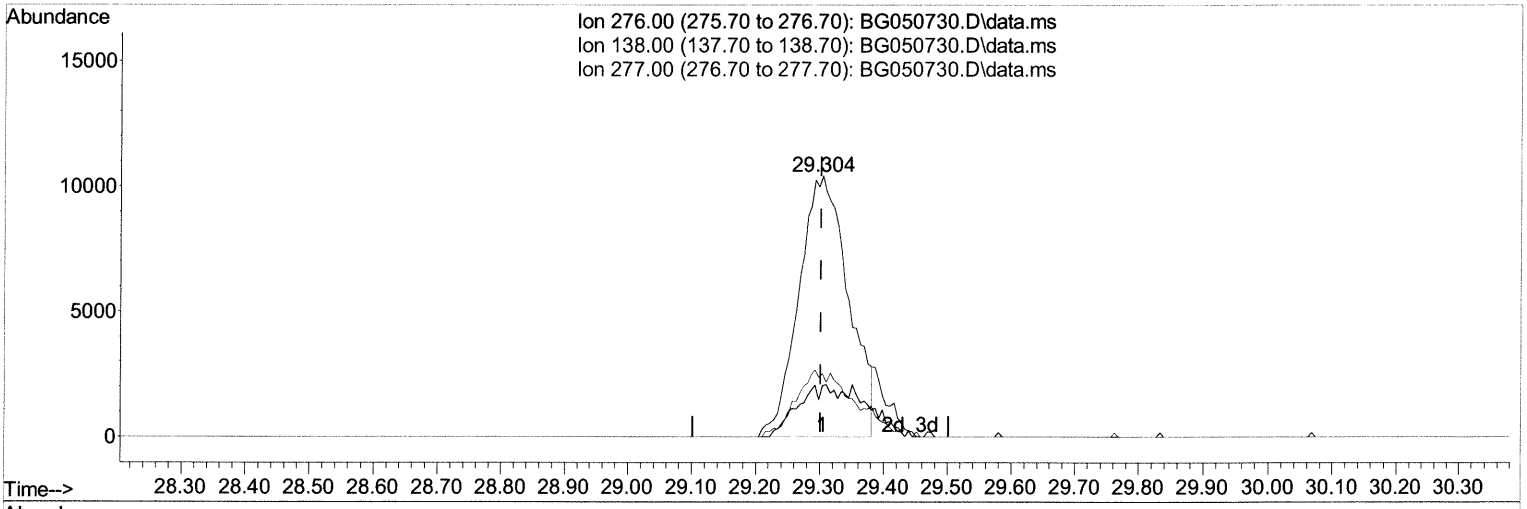

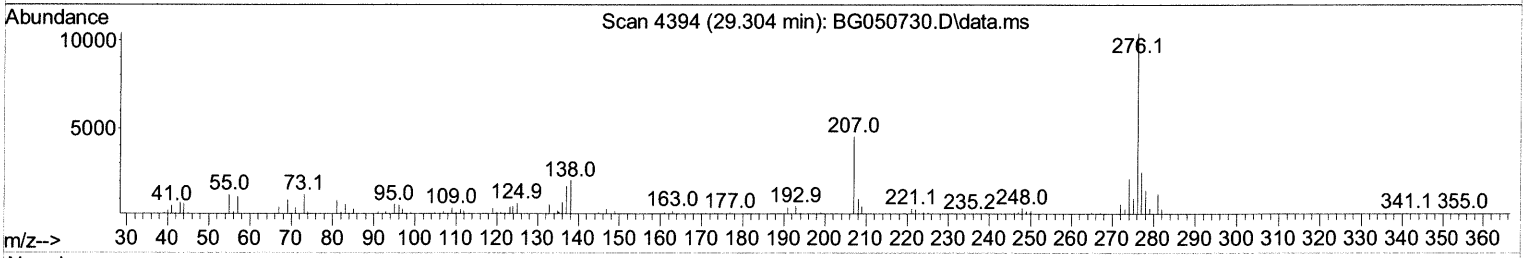

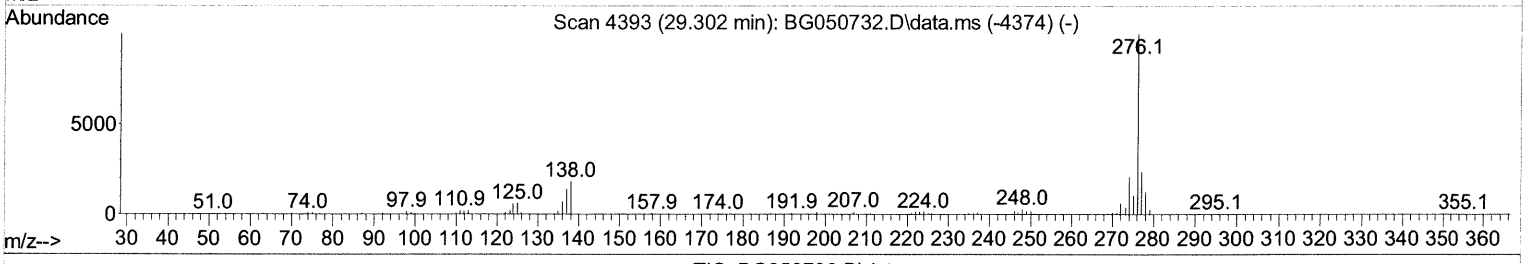

TIC: BG050730.D\data.ms

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

29.304min (+ 0.002) 4.76 ng/ul

response 55891

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.50	19.39#
277.00	23.10	24.09
0.00	0.00	0.00

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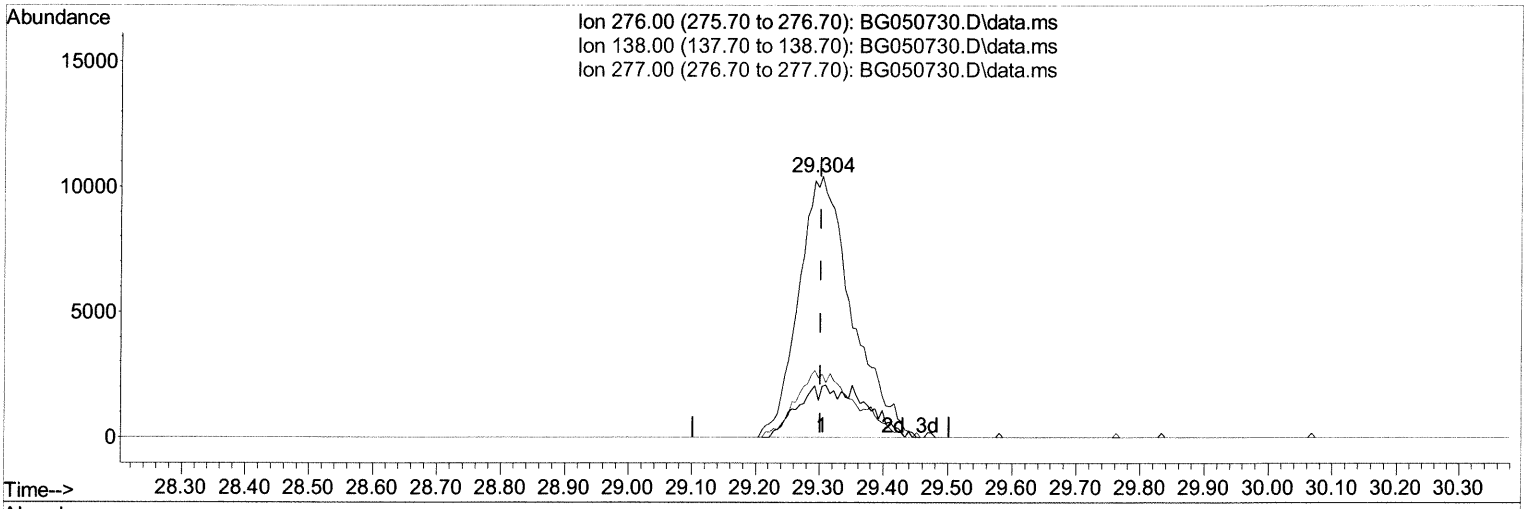

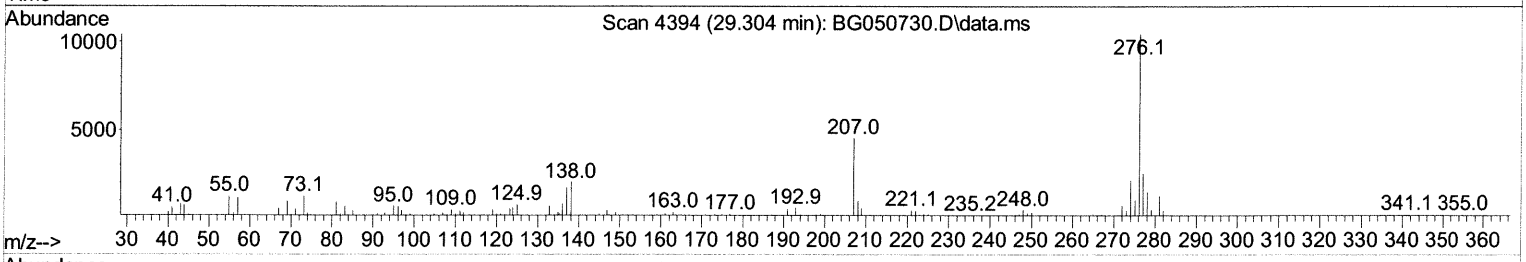

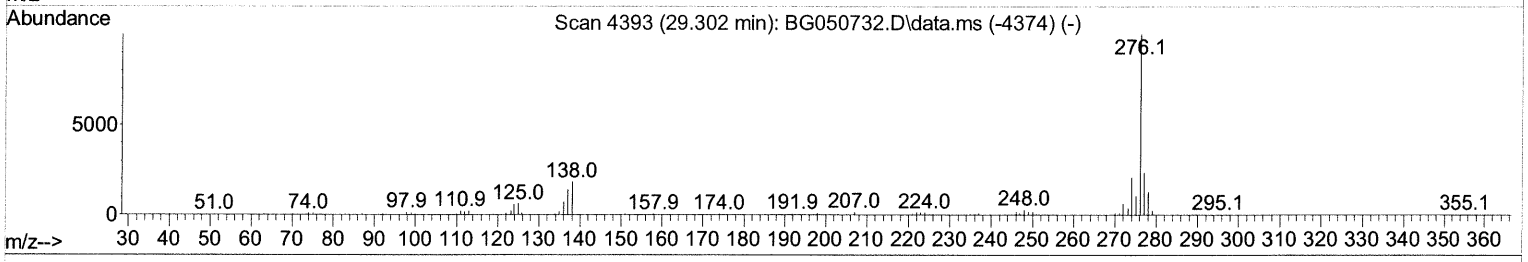

TIC: BG050730.D\data.ms

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

29.304min (+ 0.002) 5.14 ng/ul m 10/26/21 JU

response 60288

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.50	19.39#
277.00	23.10	24.09
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	8.252	152	35636	20.000	ng/ul		0.00
20) Naphthalene-d8	11.078	136	151440	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.880	164	102176	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.624	188	225561	20.000	ng/ul		0.00
79) Chrysene-d12	21.930	240	184227	20.000	ng/ul	#	0.00
88) Perylene-d12	25.368	264	179918	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.611	96	1637	1.688	ng/uL		0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	0.000	99	0d	0.000	ng/ul		
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul		
11) 2-Chlorophenol-d4	7.776	132	11174	5.122	ng/ul		0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul		
21) Nitrobenzene-d5	9.422	128	5501	5.192	ng/ul		0.00
24) 2-Nitrophenol-d4	10.150	143	6160	5.418	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.697	165	10942	4.873	ng/ul		0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul		
46) Dimethylphthalate-d6	14.269	166	35172	5.030	ng/ul		0.00
49) Acenaphthylene-d8	14.574	160	43947	5.004	ng/ul		0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul		
60) Fluorene-d10	15.867	176	30009	4.763	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul		
73) Anthracene-d10	17.724	188	49237	5.167	ng/ul		0.00
81) Pyrene-d10	20.003	212	52772	5.387	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.121	264	46447	5.134	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	2414	2.057	ng/uL#		84
12) 2-Chlorophenol	7.812	128	11567	5.182	ng/ul#		89
17) N-Nitroso-di-n-propyla...	9.051	70	11728	5.212	ng/ul		98
19) Hexachloroethane	9.339	117	5057	5.272	ng/ul		94
22) Nitrobenzene	9.469	77	16499	5.196	ng/ul		99
23) Isophorone	9.986	82	30753	5.040	ng/ul		100
25) 2-Nitrophenol	10.185	139	6405	5.481	ng/ul		94
26) 2,4-Dimethylphenol	10.227	107	14456	4.983	ng/ul		97
27) Bis(2-Chloroethoxy)met...	10.467	93	16911	5.133	ng/ul#		96
29) 2,4-Dichlorophenol	10.726	162	10445	4.699	ng/ul		95
30) Naphthalene	11.131	128	39294	5.054	ng/ul		97
33) Hexachlorobutadiene	11.402	225	7110	4.401	ng/ul		96
35) 4-Chloro-3-methylphenol	12.336	107	13093	4.996	ng/ul		98
36) 2-Methylnaphthalene	12.718	142	25359	4.797	ng/ul		95
37) 1-Methylnaphthalene	12.935	142	26010	4.888	ng/ul		95
39) 1,2,4,5-Tetrachloroben...	13.082	216	13865	4.702	ng/ul		99
41) 2,4,6-Trichlorophenol	13.317	196	8605	4.630	ng/ul		97
42) 2,4,5-Trichlorophenol	13.393	196	9084	4.468	ng/ul		99
43) 1,1'-Biphenyl	13.711	154	35282	5.131	ng/ul		97
44) 2-Chloronaphthalene	13.764	162	27534	5.111	ng/ul		95
45) 2-Nitroaniline	13.957	65	10230	5.801	ng/ul		92
47) Dimethylphthalate	14.316	163	36261	5.154	ng/ul		98
48) 2,6-Dinitrotoluene	14.445	165	6661	5.033	ng/ul		99

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50) Acenaphthylene	14.604	152	45847	5.147	ng/ul	97
52) Acenaphthene	14.945	153	29127	4.947	ng/ul	95
56) Dibenzofuran	15.274	168	41871	4.890	ng/ul	97
57) 2,4-Dinitrotoluene	15.232	165	10075	5.243	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.503	232	6939	3.969	ng/ul	91
59) Diethylphthalate	15.673	149	38360	5.225	ng/ul	97
61) Fluorene	15.926	166	33837	4.967	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.908	204	17200	4.662	ng/ul	93
67) N-Nitrosodiphenylamine	16.120	169	30362	5.324	ng/ul	96
68) 4-Bromophenyl-phenylether	16.801	248	10325	4.917	ng/ul	92
69) Hexachlorobenzene	16.925	284	10538	4.765	ng/ul	97
72) Phenanthrene	17.671	178	56899	5.054	ng/ul	98
74) Anthracene	17.759	178	57826	5.186	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.681	216	14813	4.981	ng/uL	94
76) Pentachlorobenzene	15.191	250	14192	5.224	ng/uL	95
78) Di-n-butylphthalate	18.564	149	65409	5.530	ng/ul	99
80) Fluoranthene	19.668	202	67800	5.511	ng/ul	97
82) Pyrene	20.033	202	69049	5.692	ng/ul	99
83) Butylbenzylphthalate	20.896	149	28153	6.296	ng/ul	95
85) Benzo(a)anthracene	21.913	228	60100	5.411	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.784	149	40276	6.268	ng/ul	100
87) Chrysene	21.983	228	56984	5.354	ng/ul	98
90) Benzo(b)fluoranthene	24.263	252	57616	5.258	ng/ul	98
91) Benzo(k)fluoranthene	24.339	252	55866m >	5.478	ng/ul >	10/30/21 JU
93) Benzo(a)pyrene	25.203	252	57180	5.469	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.304	276	60288m >	5.135	ng/ul >	10/30/21 JU
95) Dibenzo(a,h)anthracene	29.363	278	53069	5.312	ng/ul	98
96) Benzo(g,h,i)perylene	30.538	276	50898	5.143	ng/ul	96

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