

Quantitation Report (QT Reviewed)

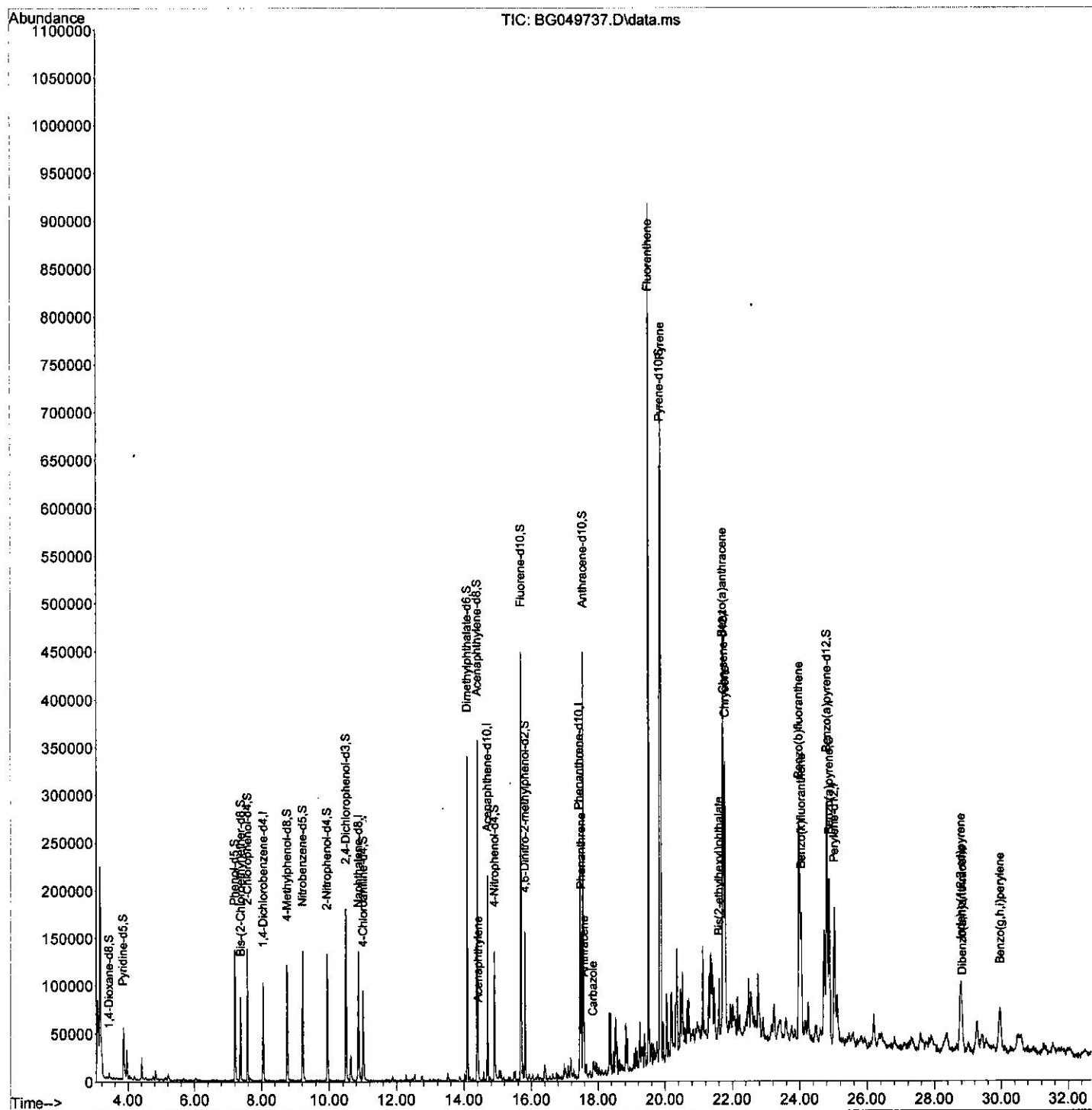
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
 Data File : BG049737.D
 Acq On : 9 Aug 2021 12:46
 Operator : CG/JU
 Sample : M3124-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0093

Quant Time: Aug 09 13:29:36 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

Manual Integrations
 APPROVED

mohammad
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Quantitation Report (Qedit)

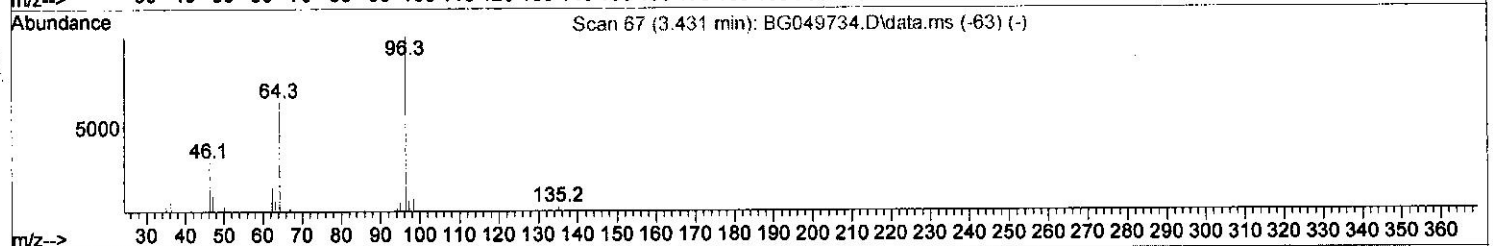
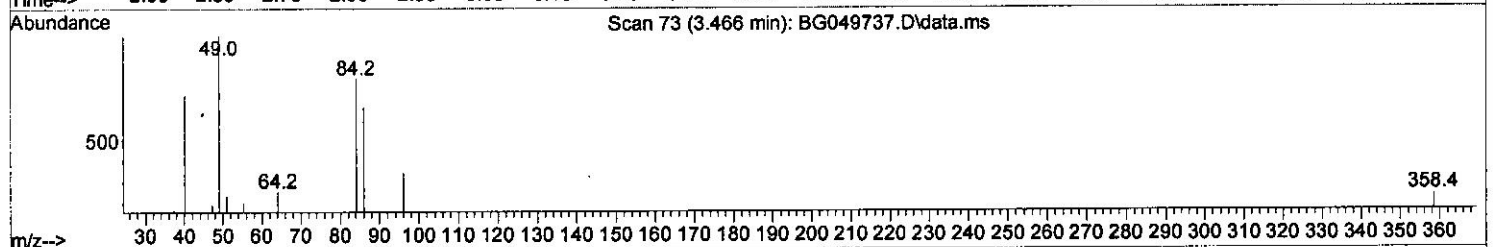
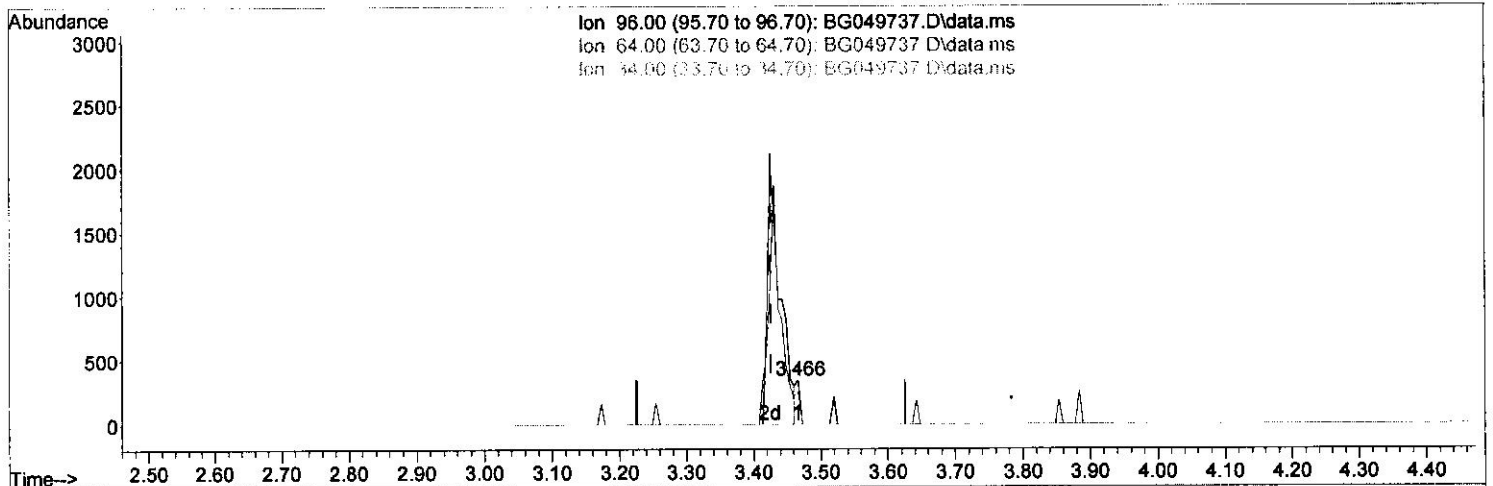
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(3) 1,4-Dioxane-d8 (8)

3.466min (+ 0.040) 0.21 ng/uL

response 121

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	74.42
34.00	0.00	0.00
0.00	0.00	0.00

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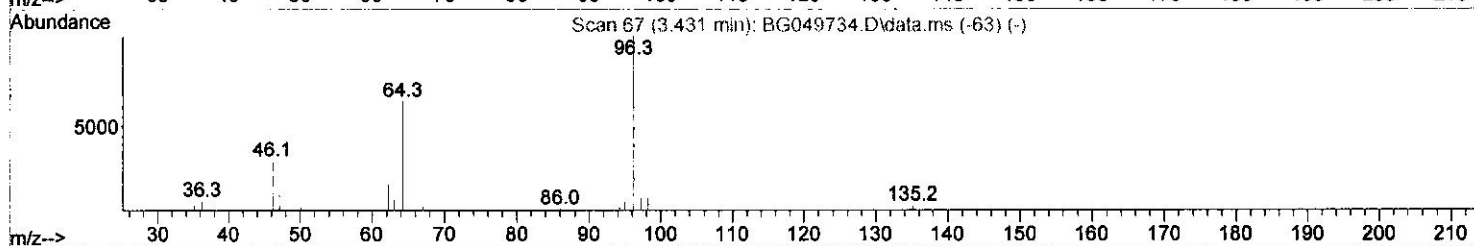
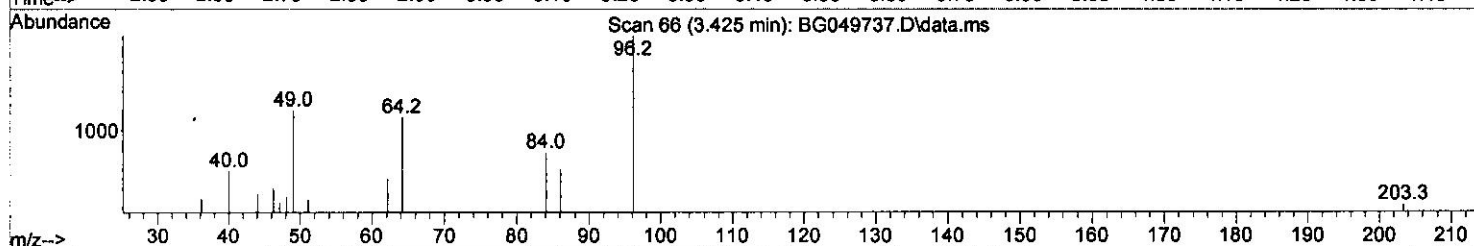
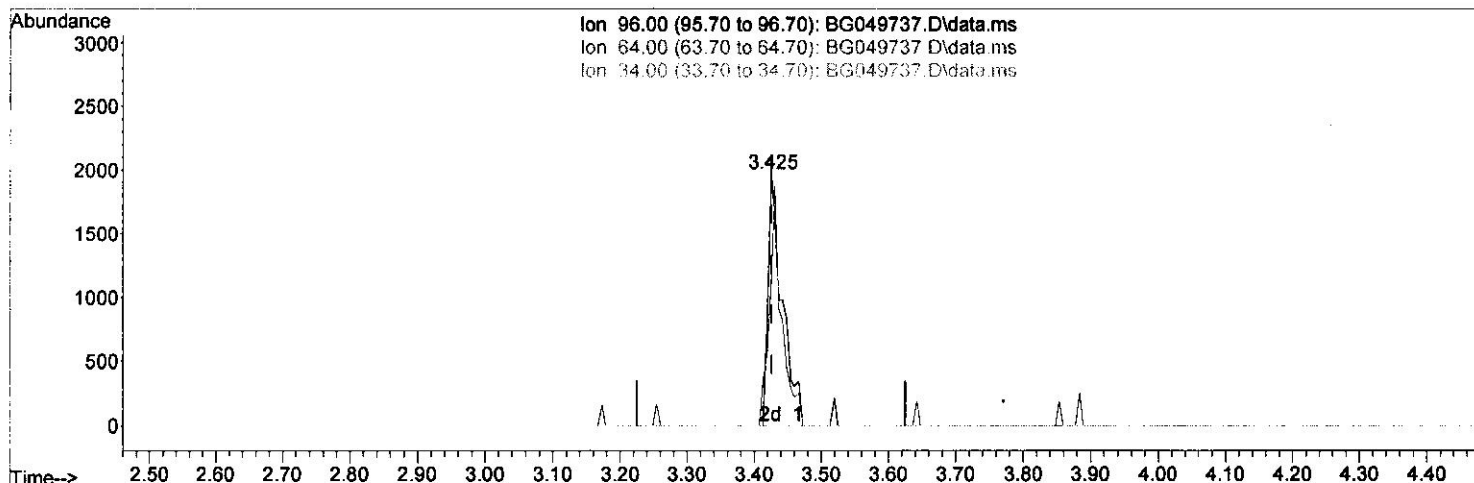
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TIC: BG049737.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.425min (-0.001) 4.95 ng/uL m

response 2894

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	57.60#
34.00	0.00	0.00
0.00	0.00	0.00

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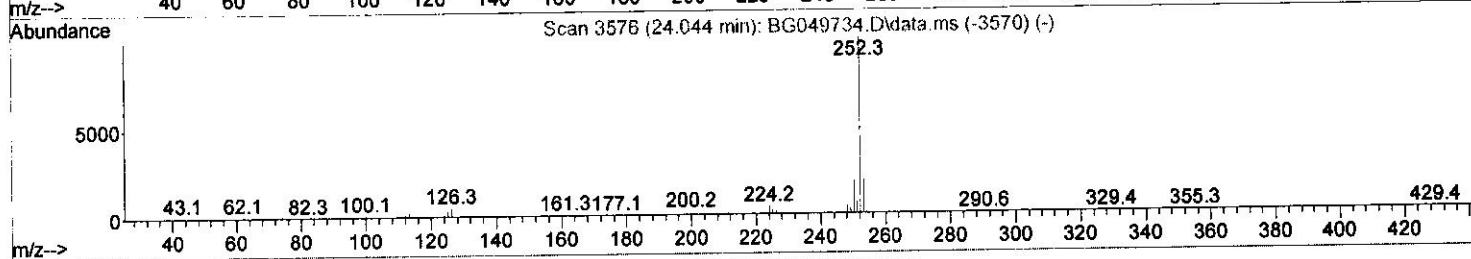
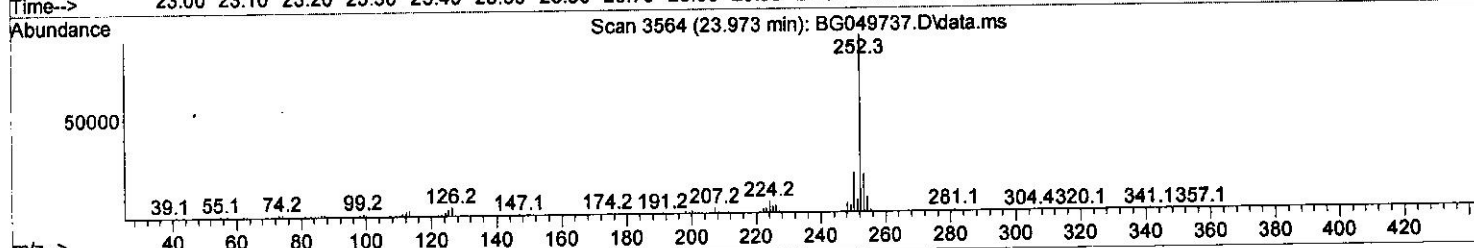
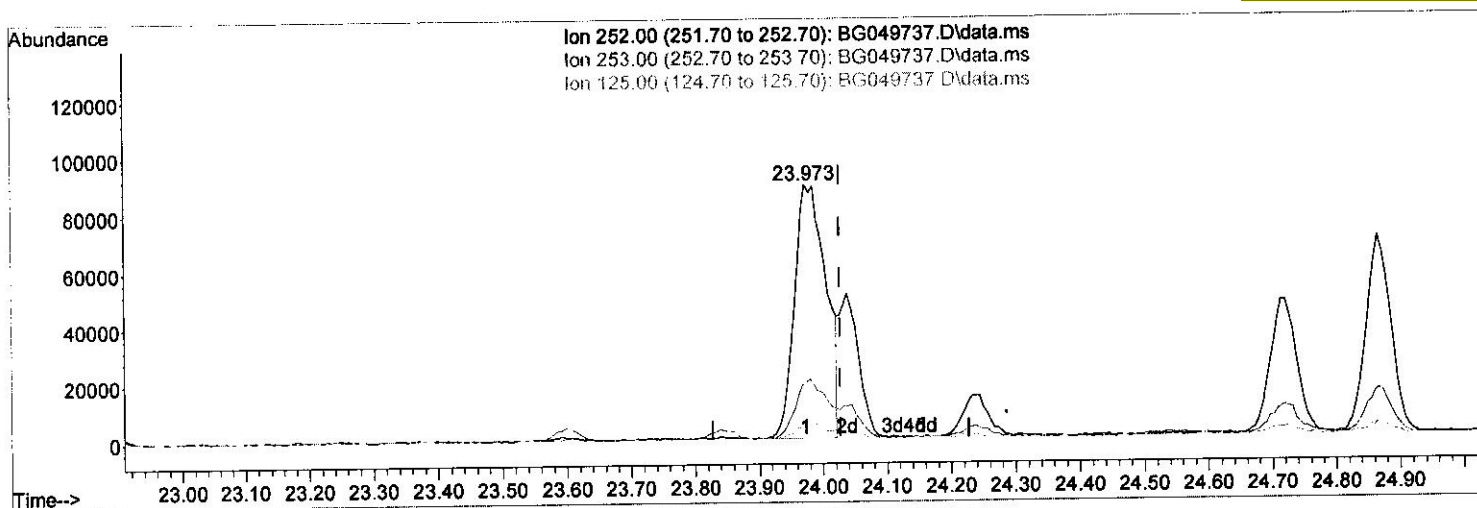
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(91) Benzo(k)fluoranthene

23.973min (-0.054) 35.24 ng/ul

response 308115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.90
125.00	4.80	4.36
0.00	0.00	0.00

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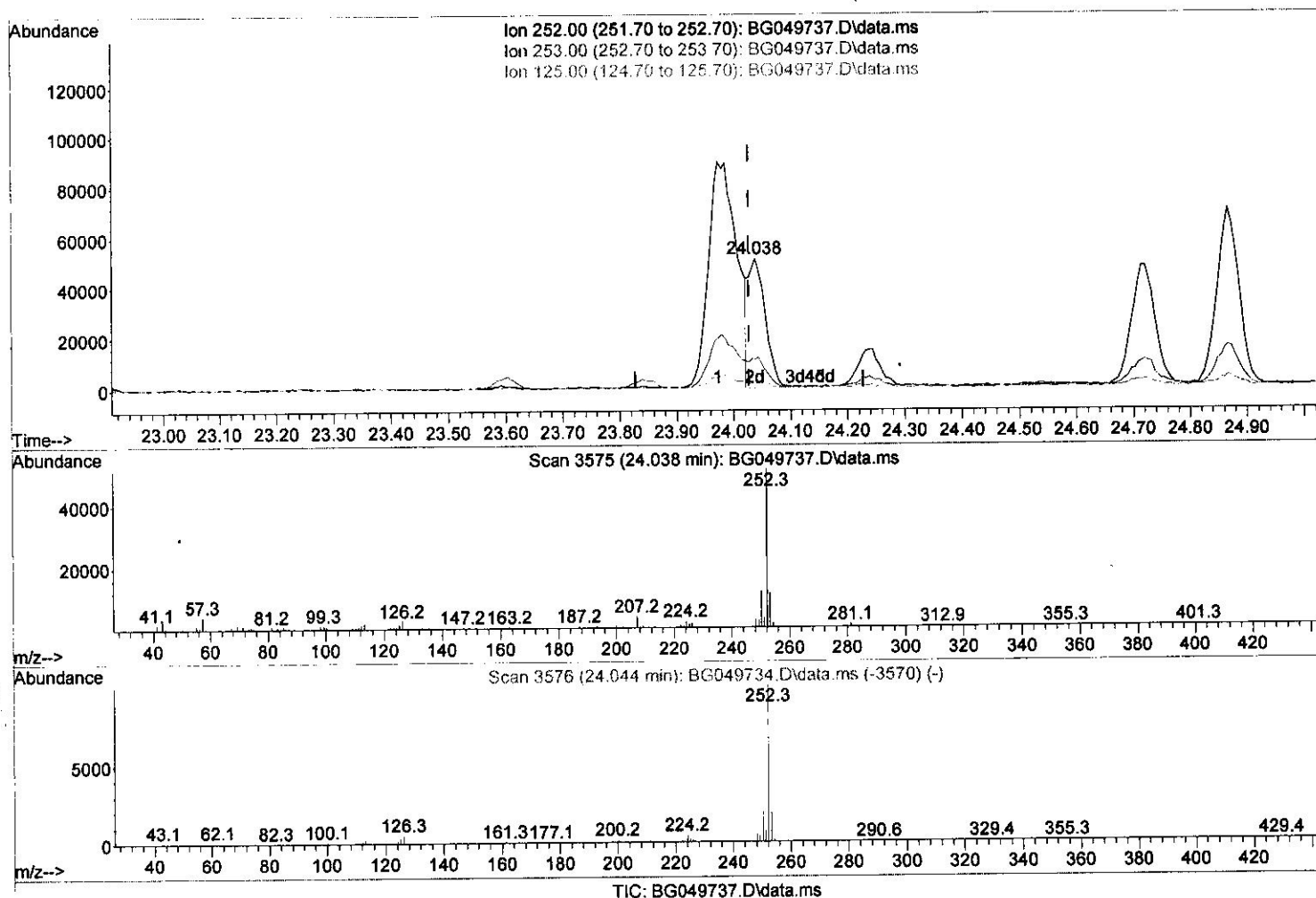
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(91) Benzo(k)fluoranthene

24.038min (+ 0.011) 12.13 ng/ul m 300810121

response 106039

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.03
125.00	4.80	3.04#
0.00	0.00	0.00

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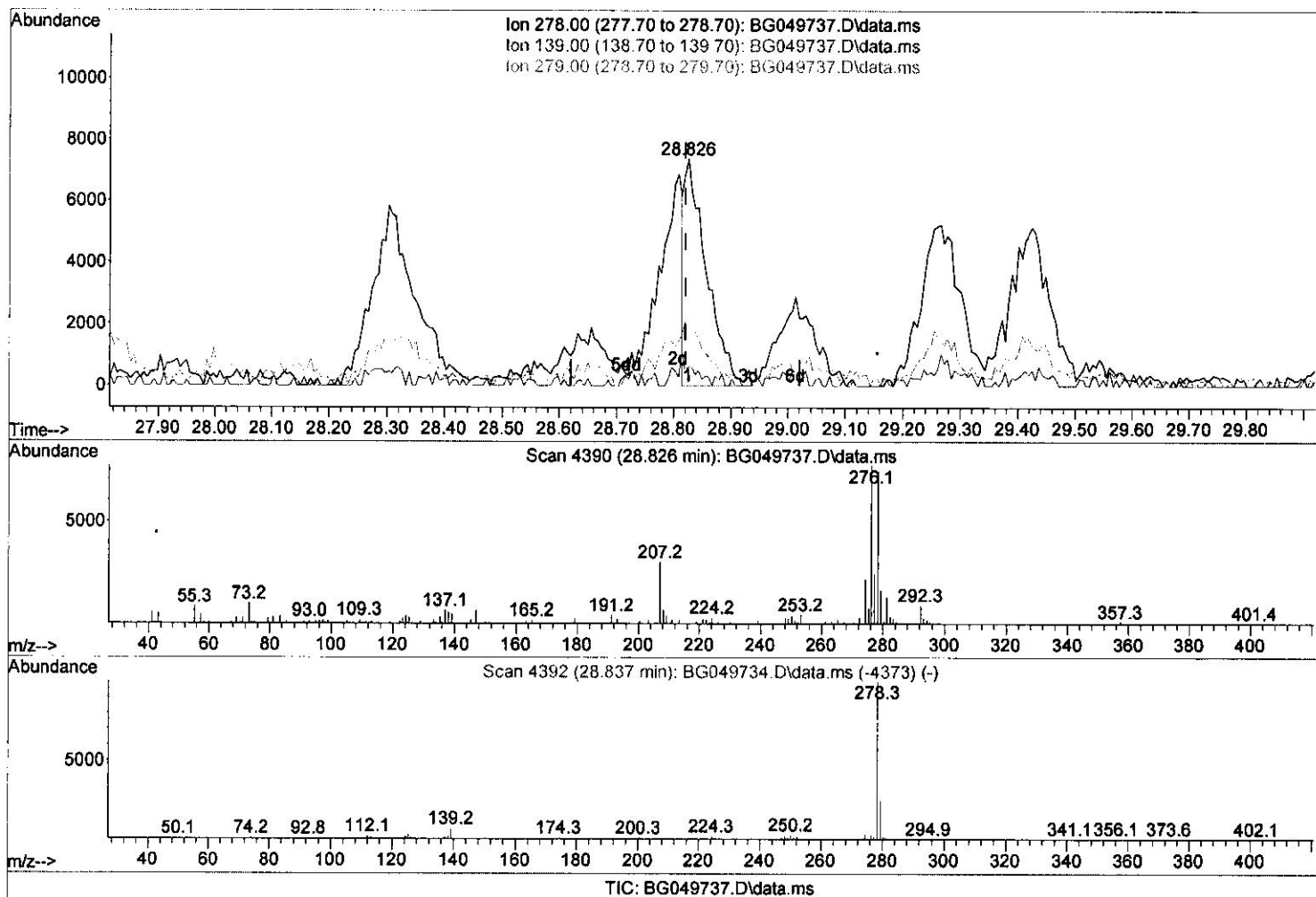
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(95) Dibenzo(a,h)anthracene

28.826min (+ 0.005) 2.30 ng/ul

response 19483

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	8.33
279.00	23.60	23.31
0.00	0.00	0.00

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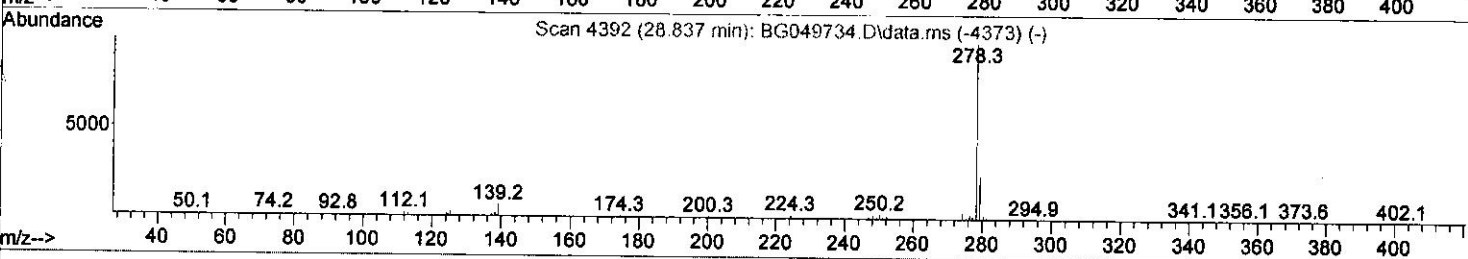
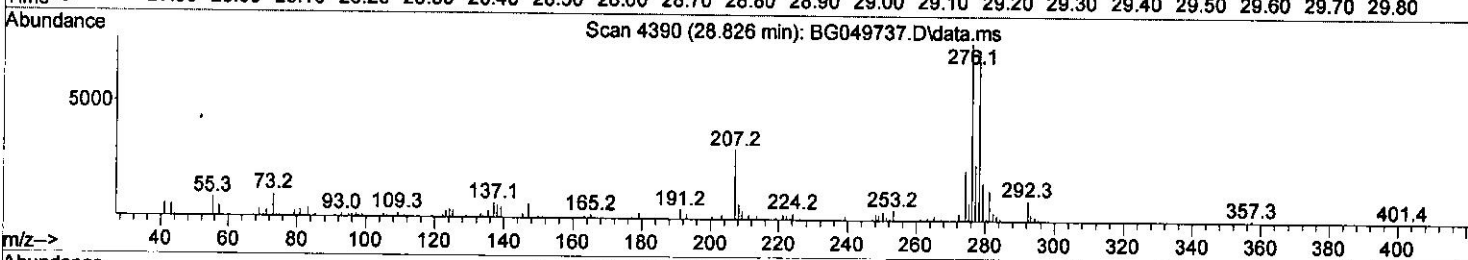
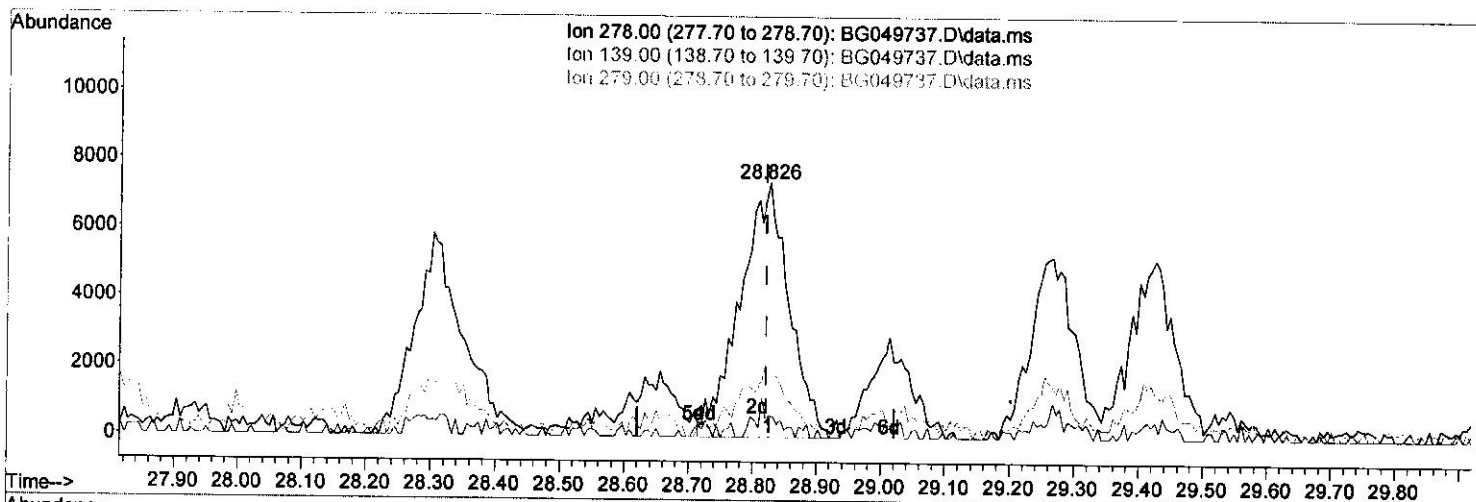
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 Operator : CG/JU
 Sample : M3124-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG049737.D\data.ms

(95) Dibenzo(a,h)anthracene

28.826min (+ 0.005) 4.59 ng/ul m } 50811121

response 38935

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	8.33
279.00	23.60	23.31
0.00	0.00	0.00

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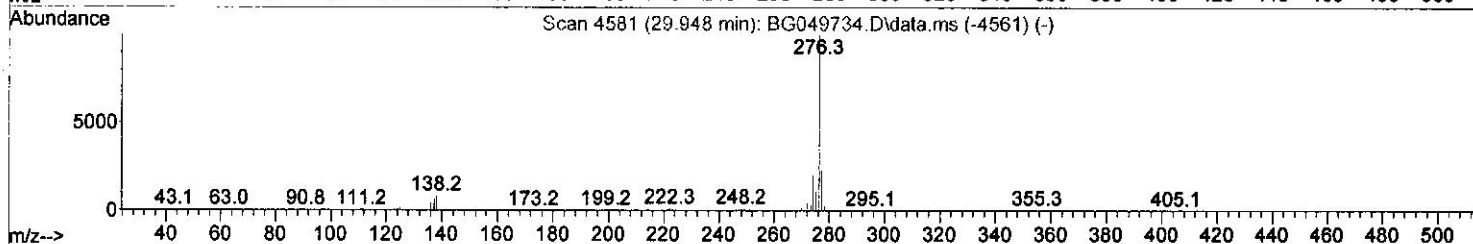
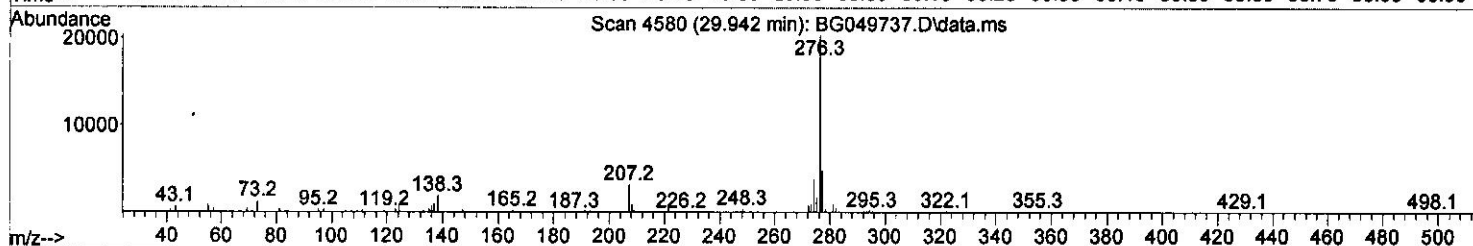
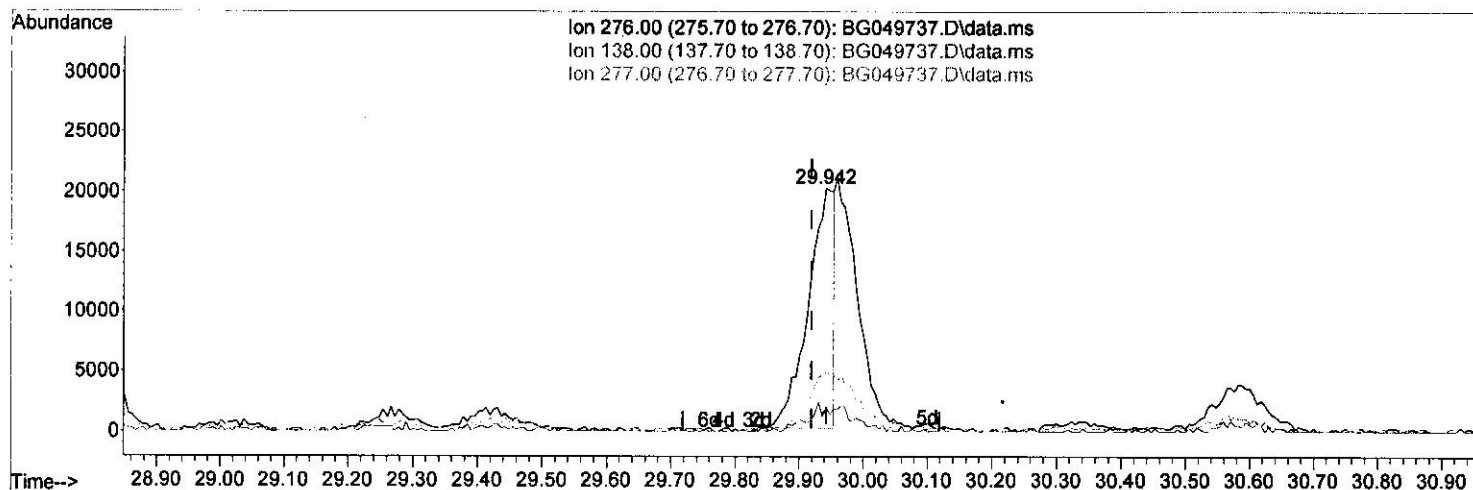
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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TIC: BG049737.D\data.ms

(96) Benzo(g,h,i)perylene

29.942min (+ 0.023) 6.63 ng/ul

response 56111

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	9.96
277.00	24.40	23.99
0.00	0.00	0.00

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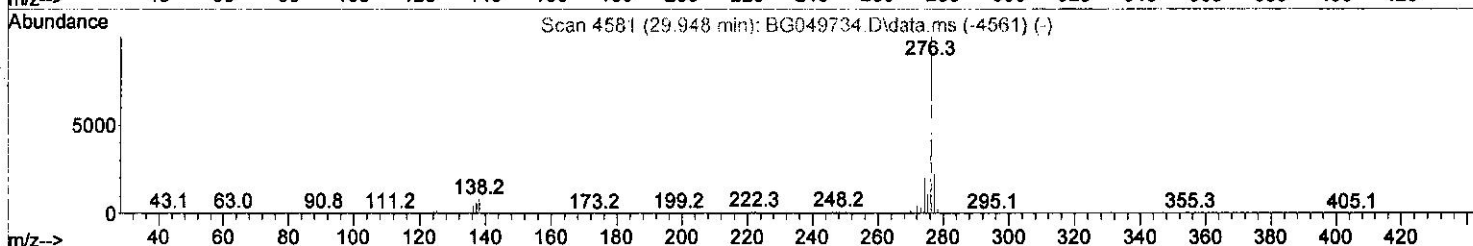
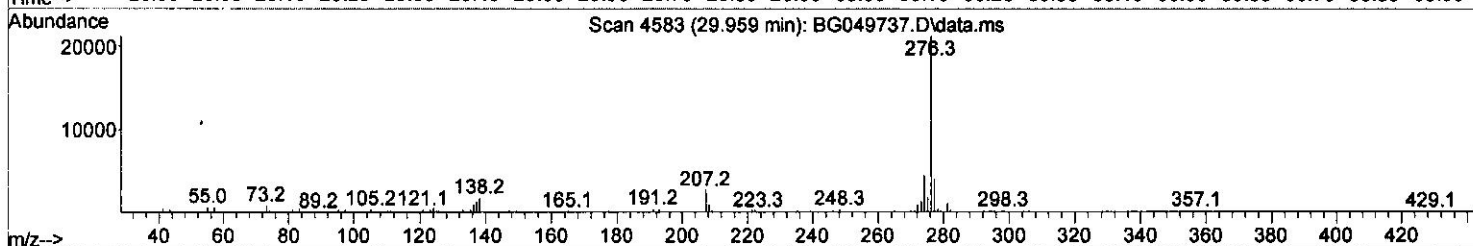
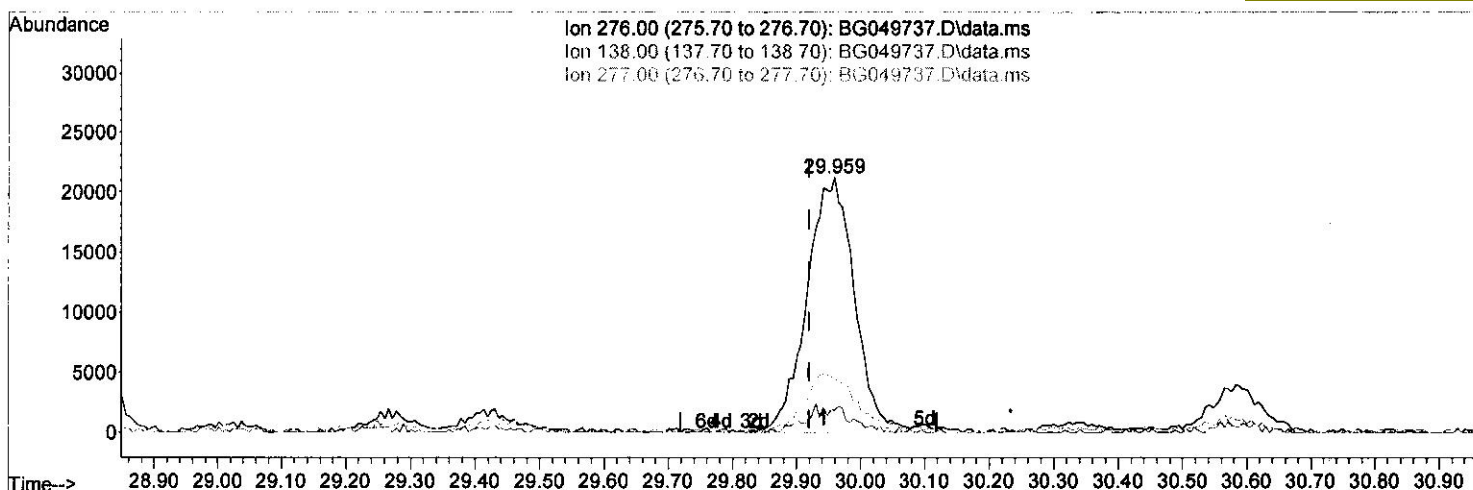
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TIC: BG049737.D\data.ms

(96) Benzo(g,h,i)perylene

29.959min (+ 0.040) 12.77 ng/ul *300 8/10/21*

response 108059

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.69
277.00	24.40	19.47#
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	27348	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	108780	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	73402	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	142756	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.735	240	128572	20.000	ng/ul	0.01
88) Perylene-d12	25.019	264	134722	20.000	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	2894m	4.947	ng/ul	0.00
4) Pyridine-d5	3.854	84	33670	19.182	ng/ul	0.00
7) Phenol-d5	7.202	99	75256	30.321	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	42657	29.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	56460	31.783	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	43885	23.190	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	30930	36.096	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	36686	37.489	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	61937	33.567	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	48108	19.045	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	209336	36.341	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	249317	36.380	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	29830	32.029	ng/ul	0.02
60) Fluorene-d10	15.690	176	179608	36.274	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	33116	34.467	ng/ul	0.00
73) Anthracene-d10	17.547	188	265641	39.421	ng/ul	0.00
81) Pyrene-d10	19.838	212	301674	42.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.802	264	280813	38.041	ng/ul	0.02

Target Compounds				Qvalue		
50) Acenaphthylene	14.416	152	16847	2.605	ng/ul#	90
72) Phenanthrene	17.494	178	95246	12.606	ng/ul	98
74) Anthracene	17.582	178	35274	4.667	ng/ul	97
77) Carbazole	17.852	167	9618	1.424	ng/ul#	90
80) Fluoranthene	19.503	202	534044	61.085	ng/ul	99
82) Pyrene	19.867	202	422717	48.477	ng/ul	99
85) Benzo(a)anthracene	21.712	228	249894	29.603	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.606	149	19642	4.035	ng/ul	97
87) Chrysene	21.782	228	217249	27.556	ng/ul	97
90) Benzo(b)fluoranthene	23.973	252	308115	34.991	ng/ul	100
91) Benzo(k)fluoranthene	24.038	252	106039m	12.128	ng/ul	
93) Benzo(a)pyrene	24.866	252	184501	23.801	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.779	276	136452	13.413	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.826	278	38935m	4.588	ng/ul	
96) Benzo(g,h,i)perylene	29.959	276	108059m	12.774	ng/ul	

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