

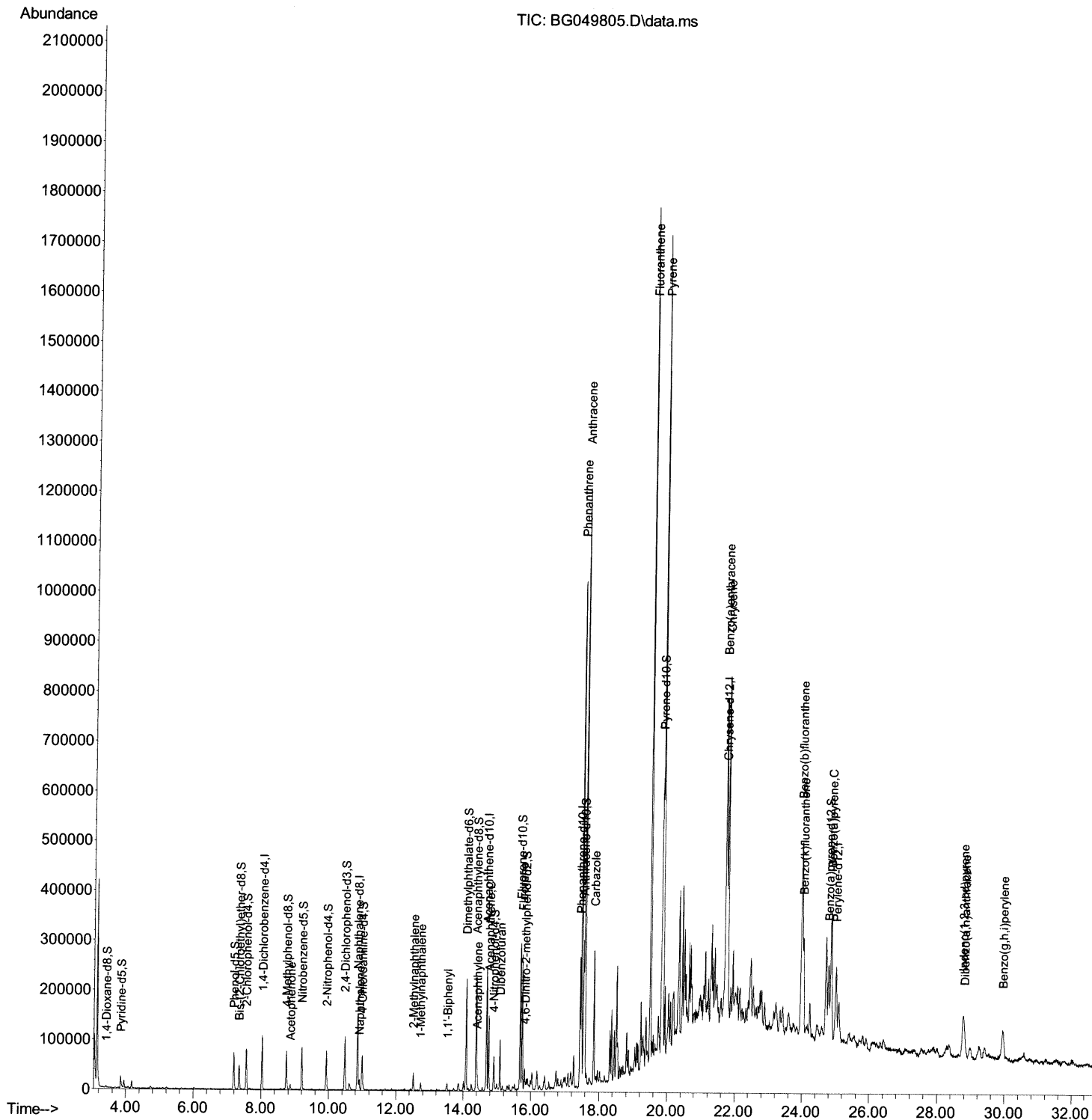
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049805.D
Acq On : 12 Aug 2021 2:34
Operator : CG/JU
Sample : M3287-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB03

Manual Integrations
APPROVED

mohammad
8/12/2021 1:35:04 PM

Quant Time: Aug 12 03:14:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



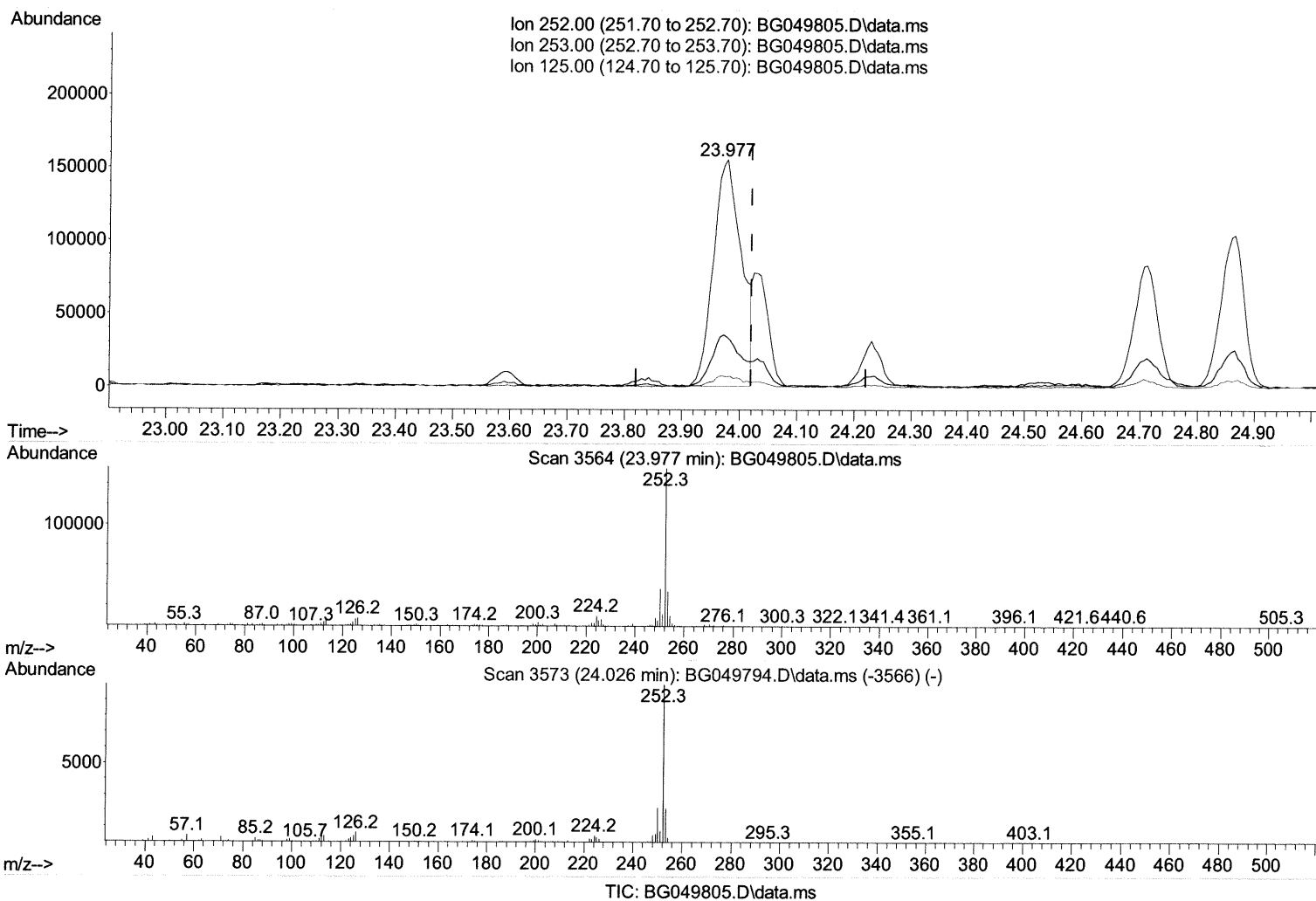
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(91) Benzo(k)fluoranthene

23.977min (-0.043) 54.95 ng/u1

response 525670

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.05
125.00	4.80	4.55
0.00	0.00	0.00

Quantitation Report (Qedit)

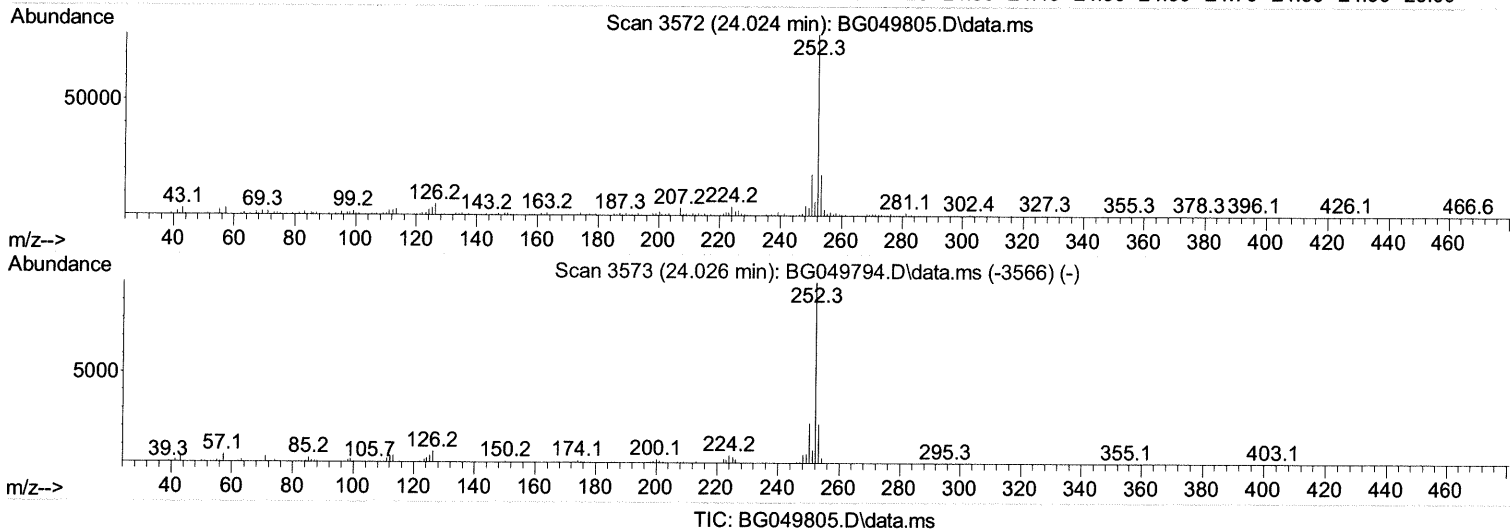
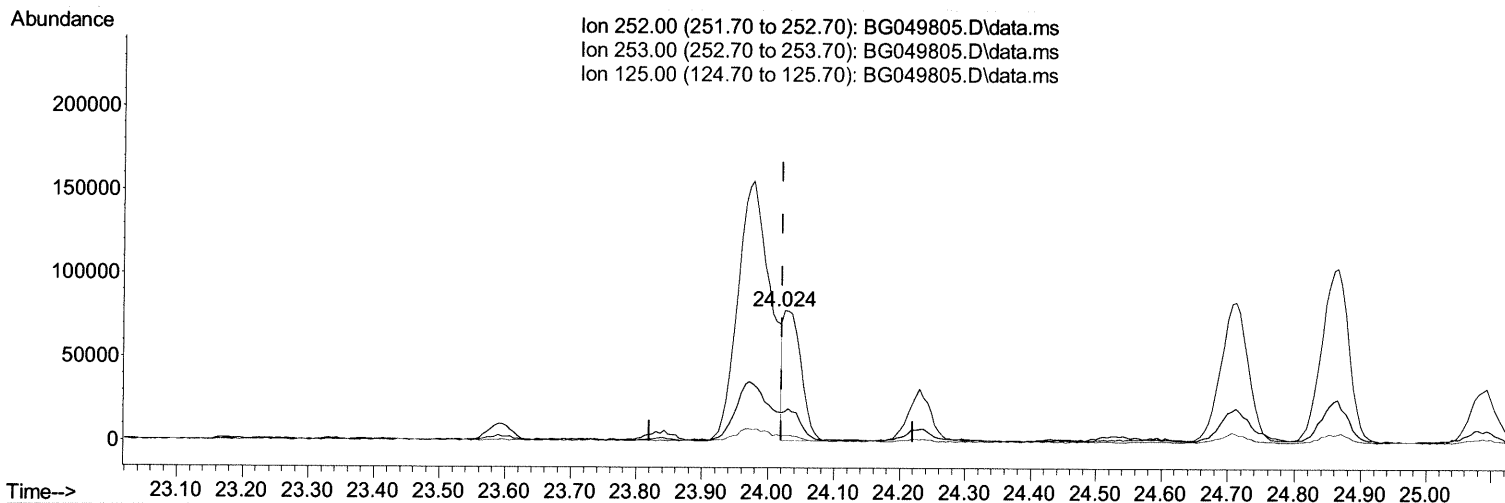
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(91) Benzo(k)fluoranthene

24.024min (+ 0.004) 15.20 ng/ul m

response 145424

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.97
125.00	4.80	4.31
0.00	0.00	0.00

Quantitation Report (Qedit)

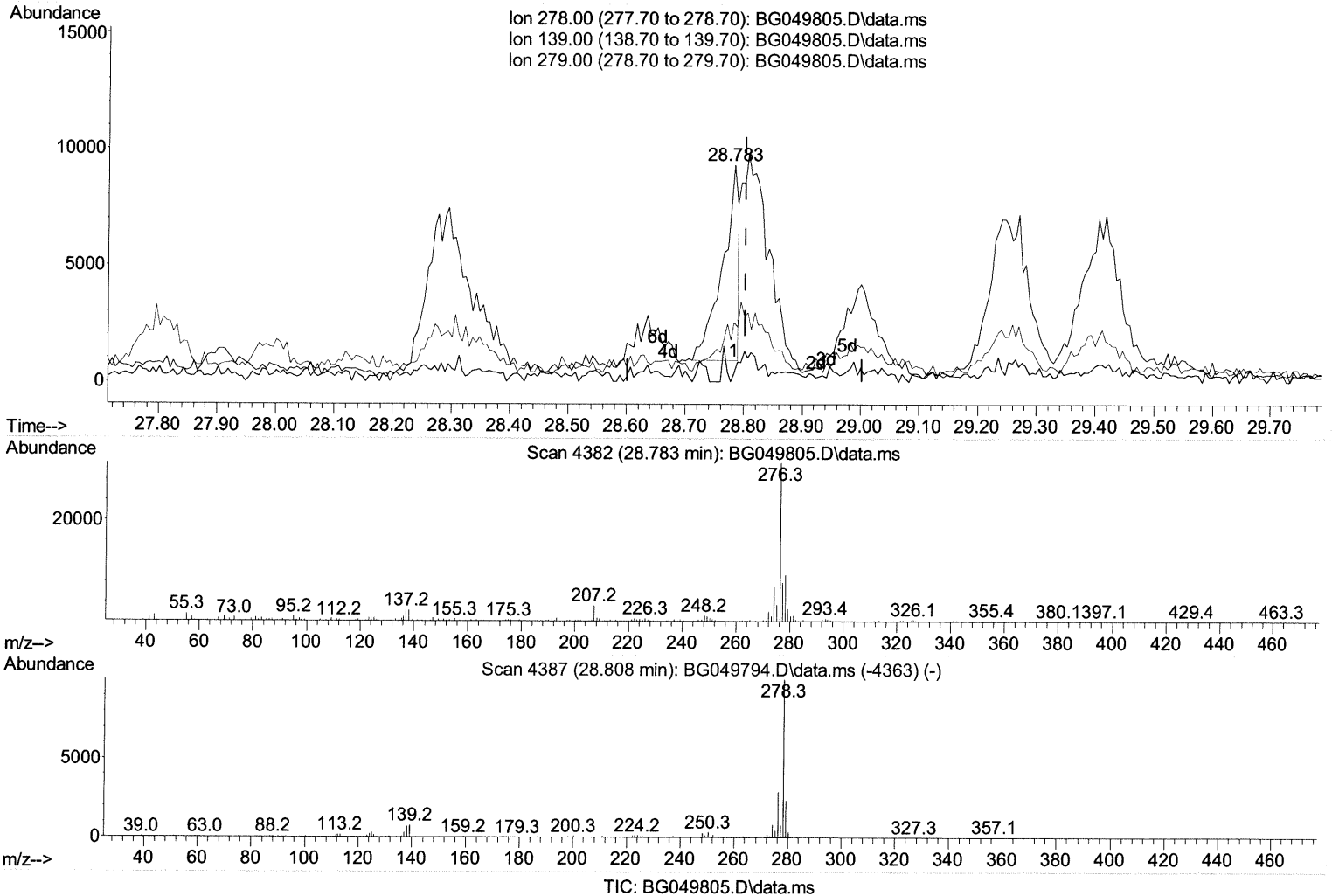
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(95) Dibenzo(a,h)anthracene

28.783min (-0.019) 1.73 ng/ul

response 16027

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	3.69#
279.00	23.60	27.45
0.00	0.00	0.00

Quantitation Report (Qedit)

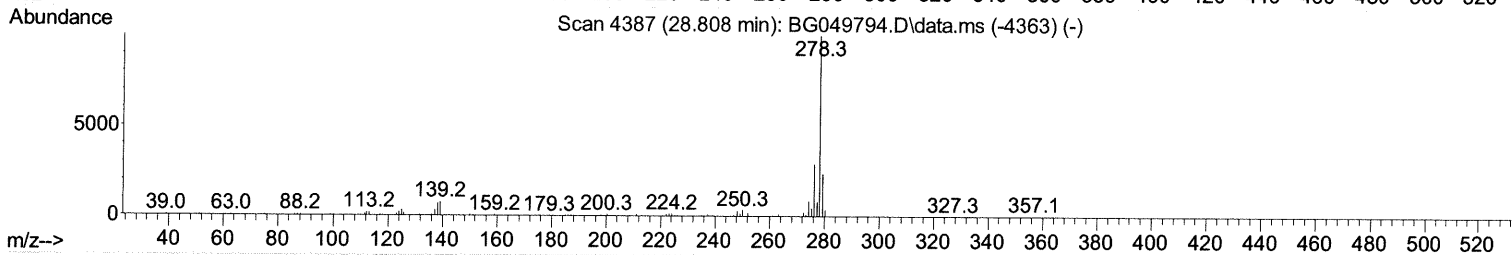
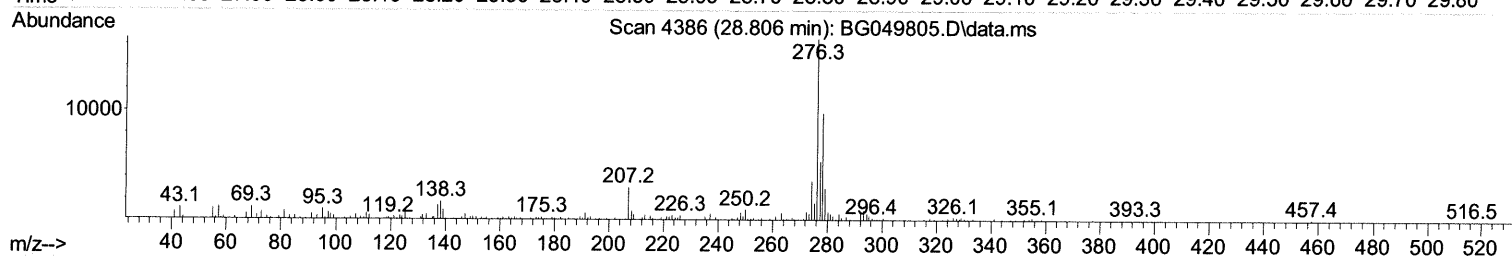
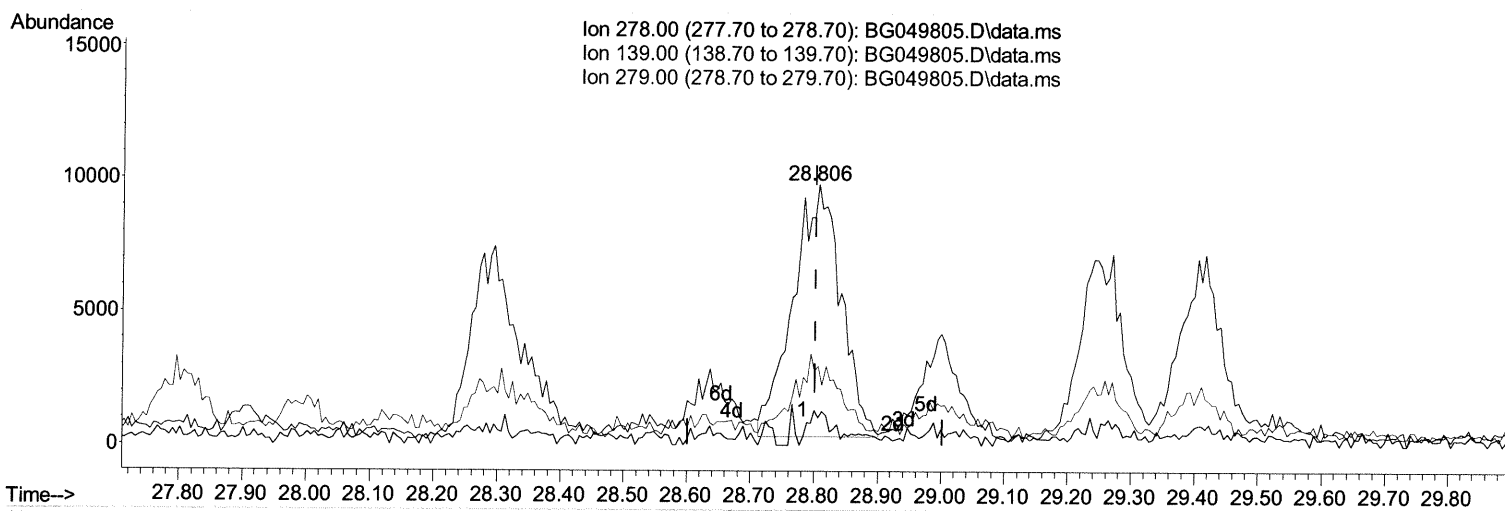
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TIC: BG049805.D\data.ms

(95) Dibenzo(a,h)anthracene

28.806min (+ 0.004) 5.32 ng/ul m

response 49415

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	10.46#
279.00	23.60	30.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

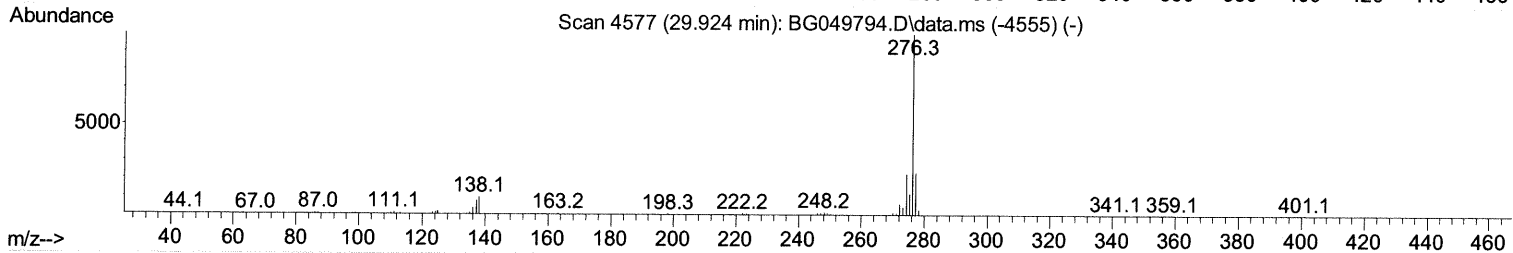
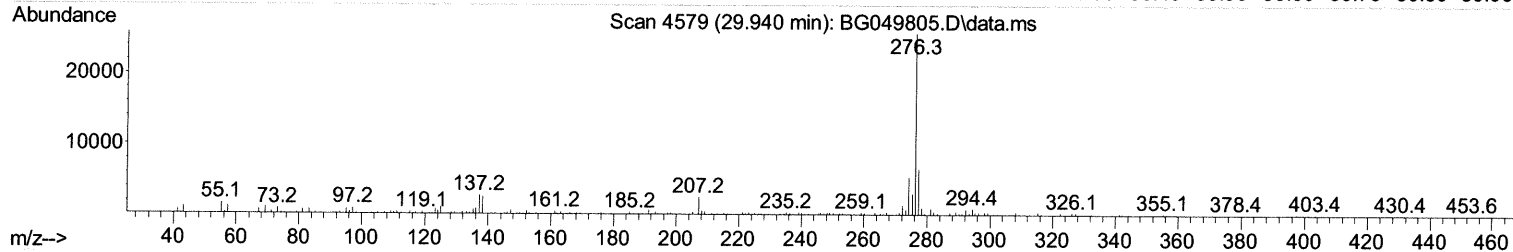
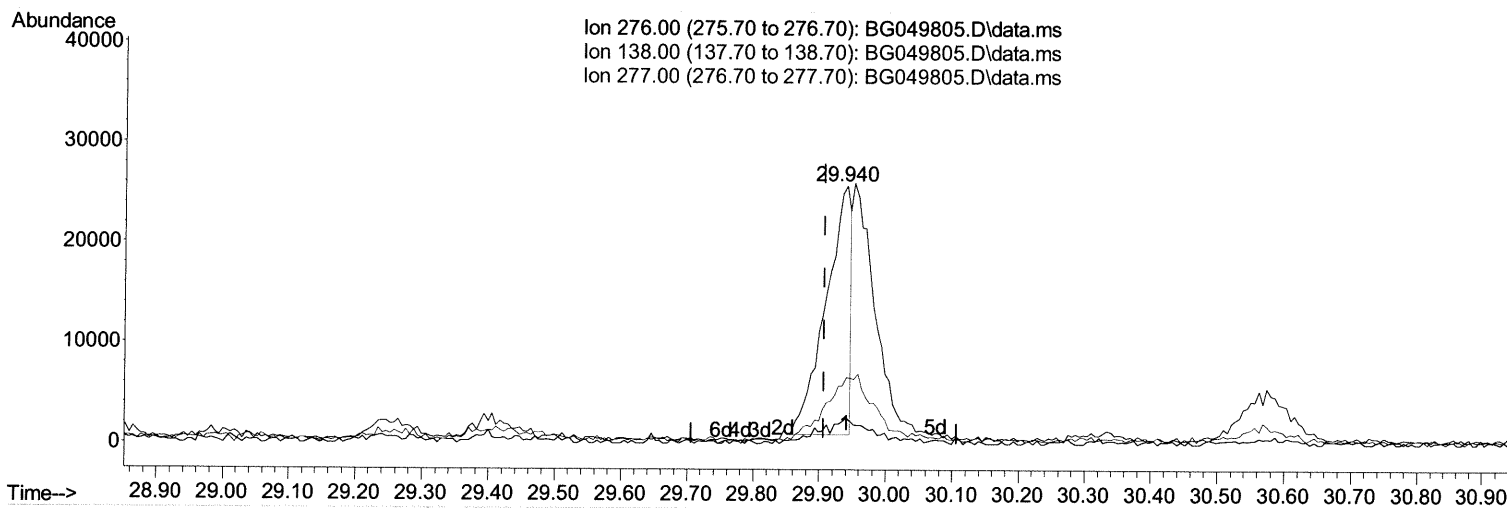
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TIC: BG049805.D\data.ms

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

29.940min (+ 0.034) 7.10 ng/ul

response 65710

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	9.88
277.00	24.40	25.67
0.00	0.00	0.00

Quantitation Report (Qedit)

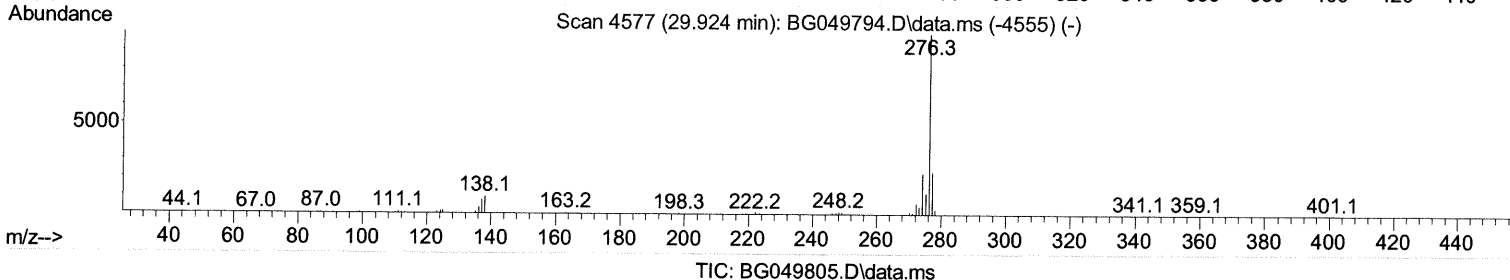
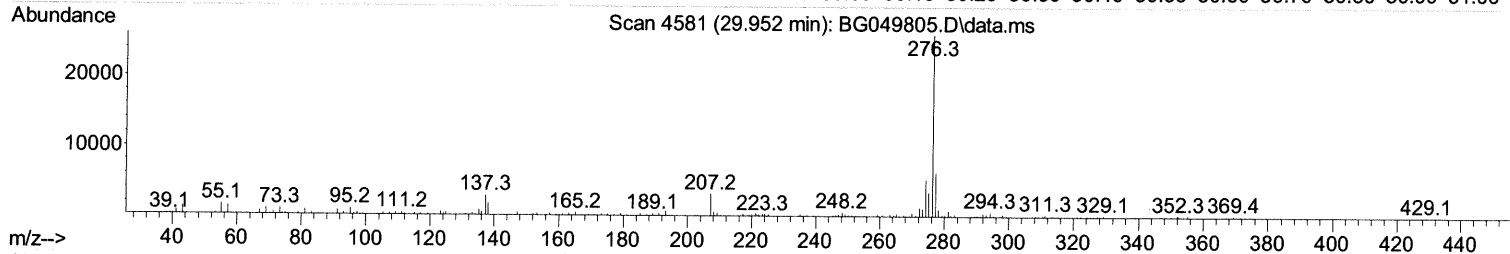
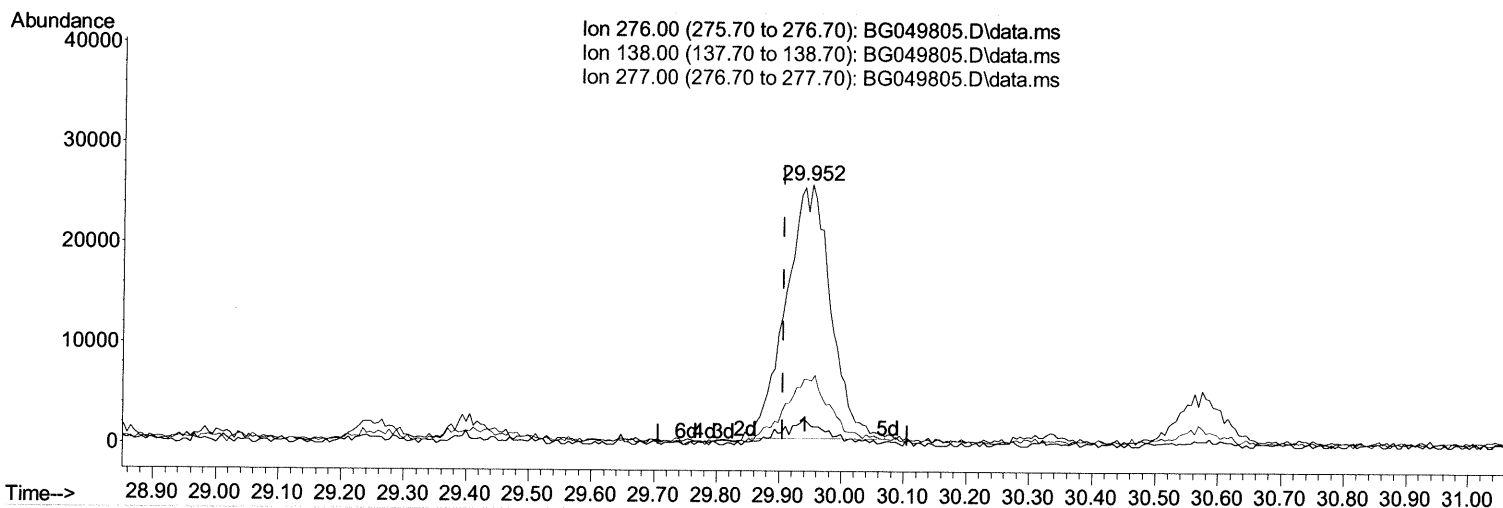
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 Operator : CG/JU
 Sample : M3287-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG049805.D\data.ms

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

29.952min (+ 0.045) 13.61 ng/ul m

response 126000

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	7.30
277.00	24.40	24.56
0.00	0.00	0.00

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	30459	20.000	ng/ul	0.00
20) Naphthalene-d8	10.860	136	128081	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.690	164	87783	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	163042	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	138239	20.000	ng/ul	# 0.00
88) Perylene-d12	25.011	264	147406	20.000	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	1893	2.906	ng/ul	0.00
4) Pyridine-d5	3.852	84	14637	7.487	ng/ul	0.01
7) Phenol-d5	7.194	99	42177	15.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.353	67	25533	16.080	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	34756	17.567	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	28992	13.755	ng/ul	0.00
21) Nitrobenzene-d5	9.203	128	19093	18.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.932	143	21770	18.894	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	40682	18.725	ng/ul	0.00
31) 4-Chloroaniline-d4	10.989	131	36250	12.188	ng/ul	0.00
46) Dimethylphthalate-d6	14.085	166	136441	19.806	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	160954	19.639	ng/ul	0.00
54) 4-Nitrophenol-d4	14.901	143	14918	13.394	ng/ul	0.00
60) Fluorene-d10	15.683	176	116784	19.722	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	9421	8.585	ng/ul	0.01
73) Anthracene-d10	17.545	188	163567	21.253	ng/ul	0.00
81) Pyrene-d10	19.836	212	174615	22.925	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.788	264	167800	20.775	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.868	105	6046	1.728	ng/ul#	81
30) Naphthalene	10.913	128	16995	2.541	ng/ul#	96
36) 2-Methylnaphthalene	12.516	142	16681	3.257	ng/ul	96
37) 1-Methylnaphthalene	12.734	142	7364	1.478	ng/ul	88
43) 1,1'-Biphenyl	13.521	154	7945	1.215	ng/ul	90
50) Acenaphthylene	14.414	152	28458	3.680	ng/ul	99
52) Acenaphthene	14.755	153	62616	11.337	ng/ul	97
56) Dibenzofuran	15.089	168	57252	7.472	ng/ul	97
61) Fluorene	15.736	166	122273	19.624	ng/ul	91
72) Phenanthrene	17.486	178	625577	72.493	ng/ul	98
74) Anthracene	17.580	178	729797	84.543	ng/ul	98
77) Carbazole	17.845	167	163068	21.139	ng/ul	98
80) Fluoranthene	19.501	202	1063335	113.121	ng/ul	99
82) Pyrene	19.865	202	1042793	111.225	ng/ul	100
85) Benzo(a)anthracene	21.710	228	403213	44.425	ng/ul	94
87) Chrysene	21.780	228	533807	62.974	ng/ul	97
90) Benzo(b)fluoranthene	23.977	252	525670	54.561	ng/ul	100
91) Benzo(k)fluoranthene	24.024	252	145424m	15.202	ng/ul	94 8/13/21
93) Benzo(a)pyrene	24.864	252	296718	34.984	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.759	276	163806	14.717	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.806	278	49415m	5.322	ng/ul	95 8/13/21
96) Benzo(g,h,i)perylene	29.952	276	126000m	13.613	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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