

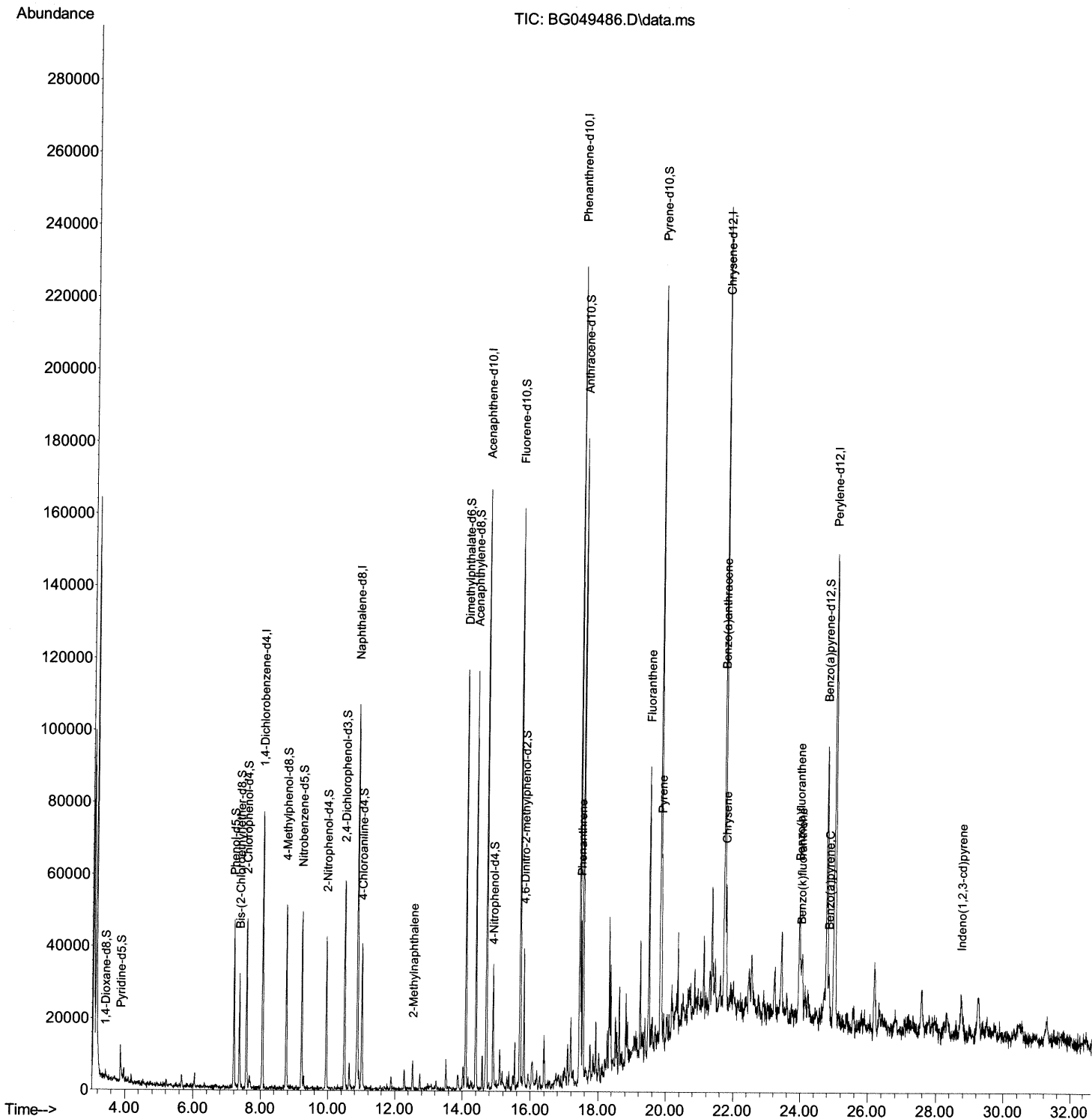
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049486.D
Acq On : 26 Jul 2021 20:05
Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0014

Manual Integrations
APPROVED

mohammad
7/27/2021 12:06:55 PM

Quant Time: Jul 27 02:49:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
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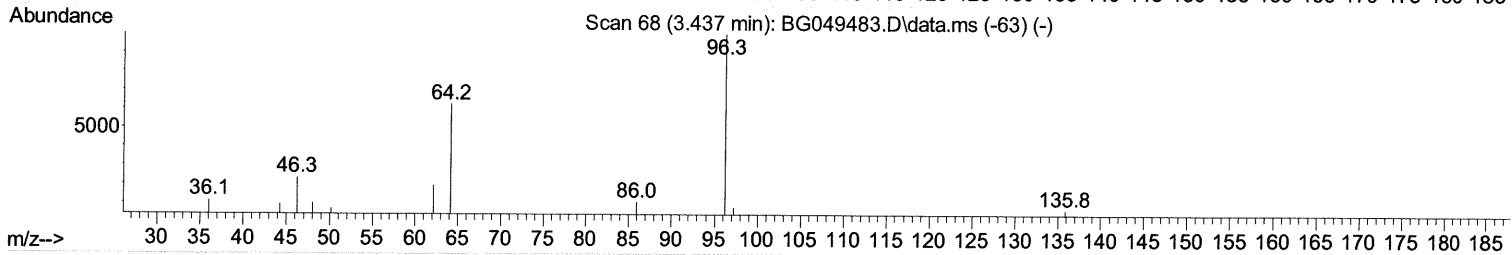
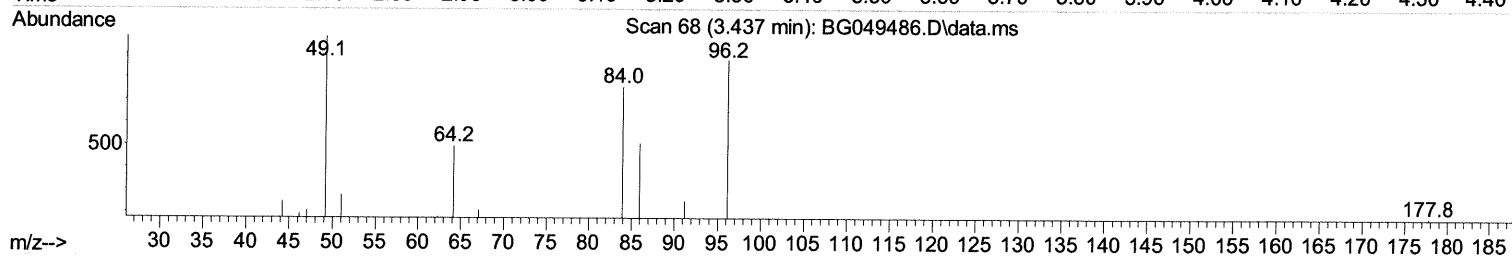
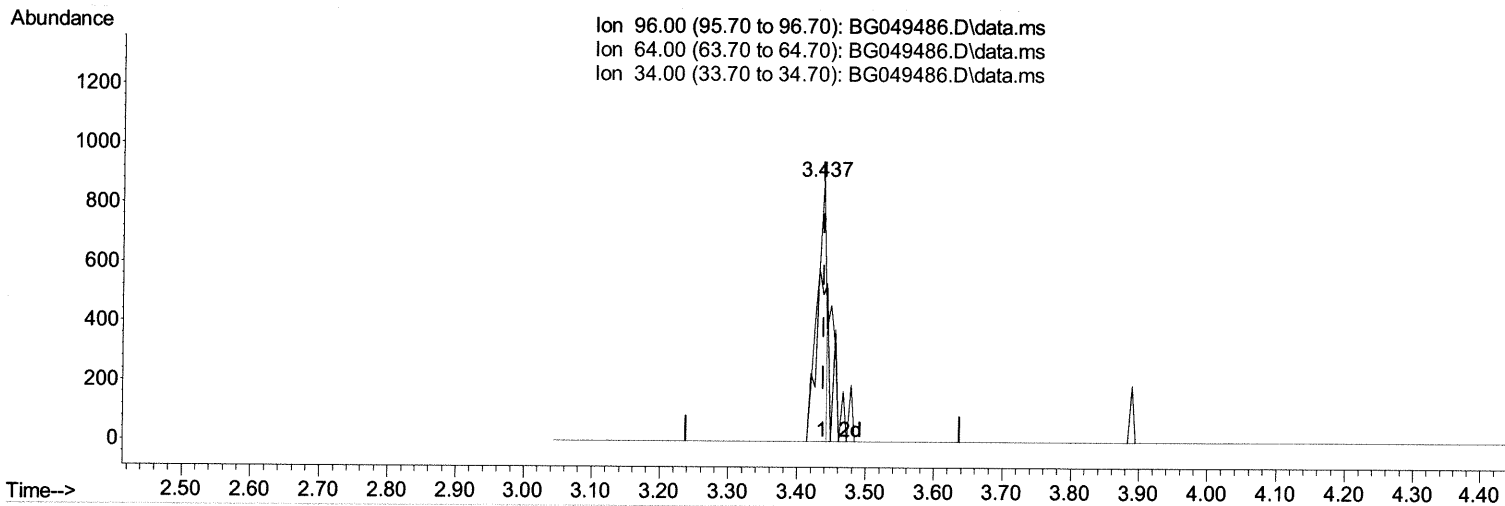
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TIC: BG049486.D\data.ms

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

3.437min (-0.001) 1.88 ng/uL

response 858

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	56.26
34.00	0.00	0.00
0.00	0.00	0.00

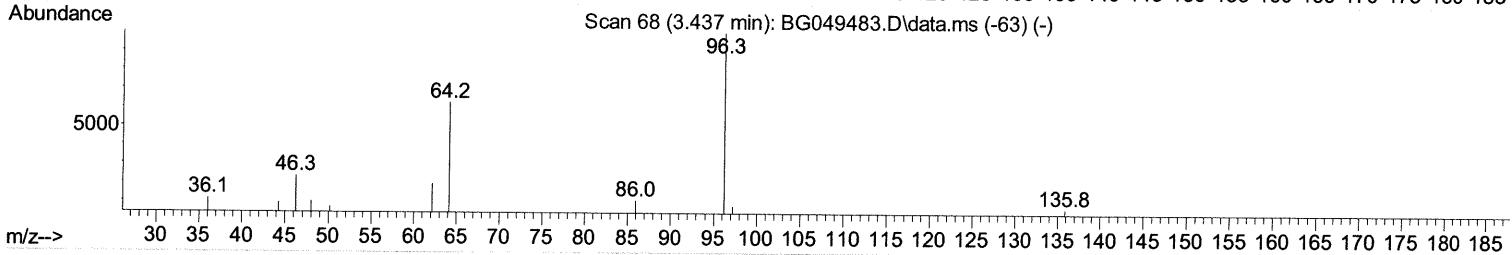
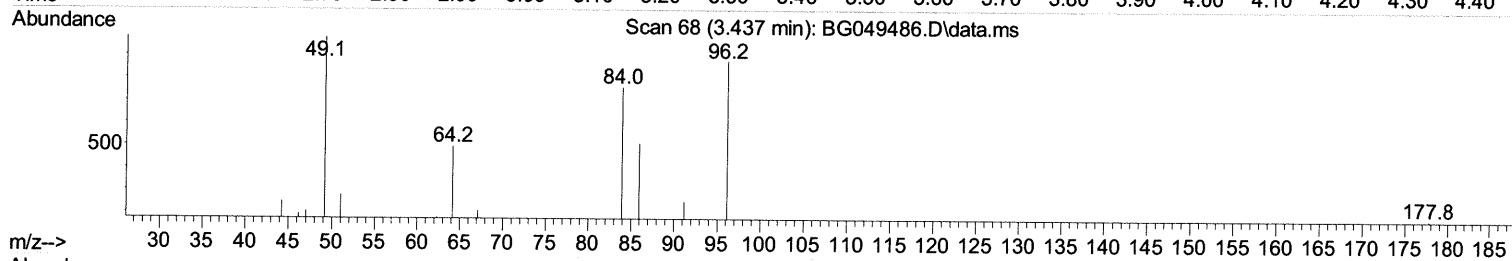
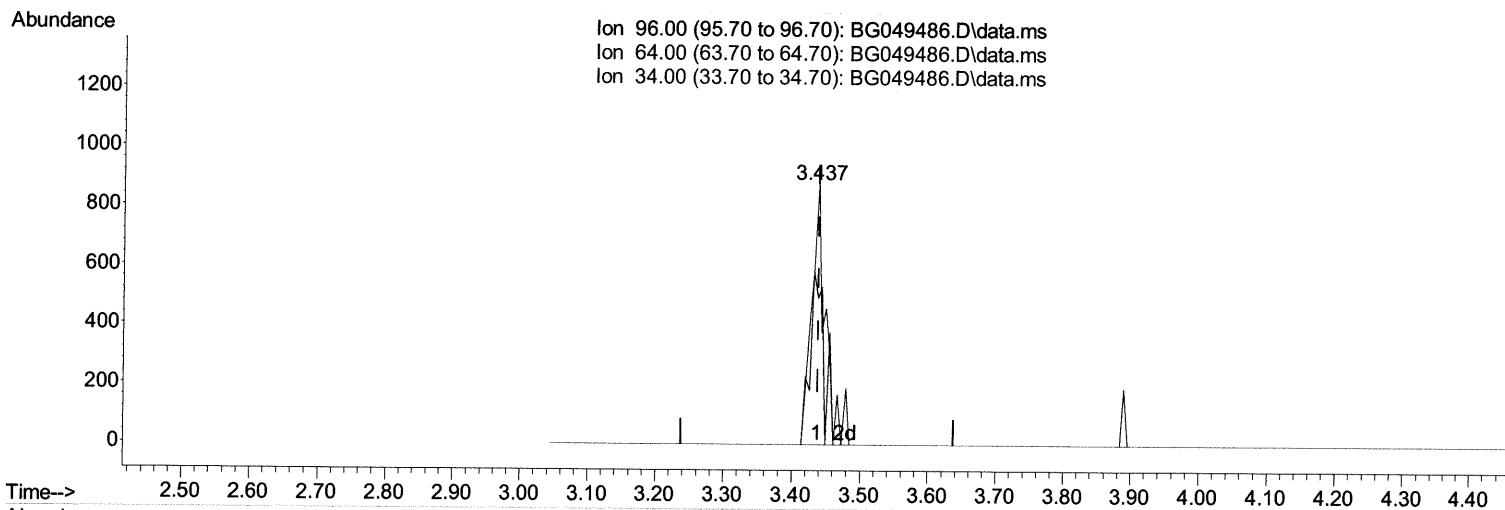
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(3) 1,4-Dioxane-d8 (S)

3.437min (-0.001) 2.48 ng/uL m 07/29/21 Ju

response 1131

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	56.26
34.00	0.00	0.00
0.00	0.00	0.00

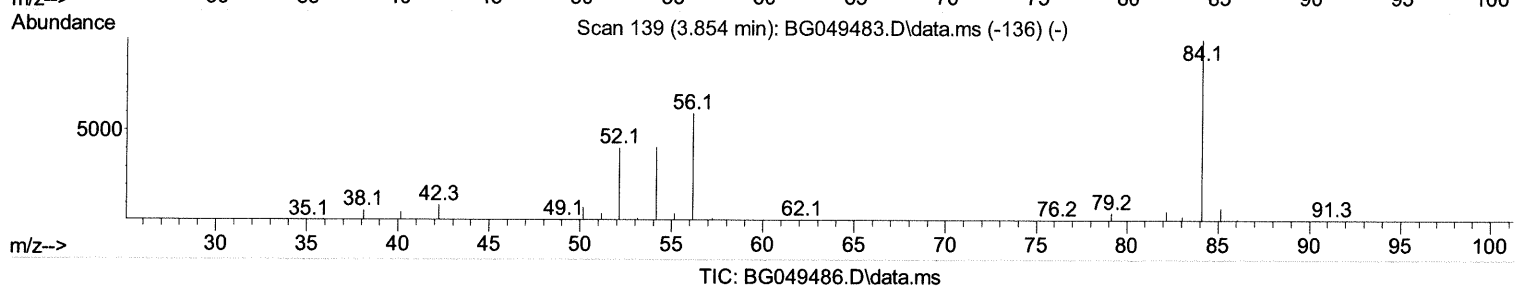
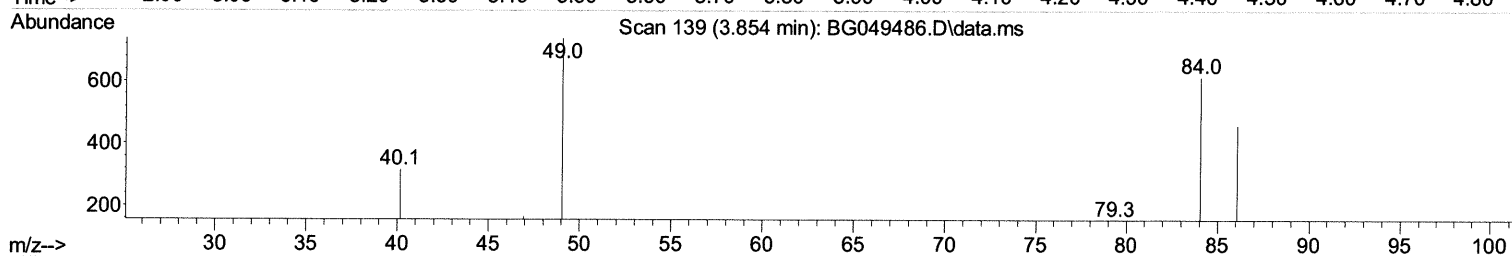
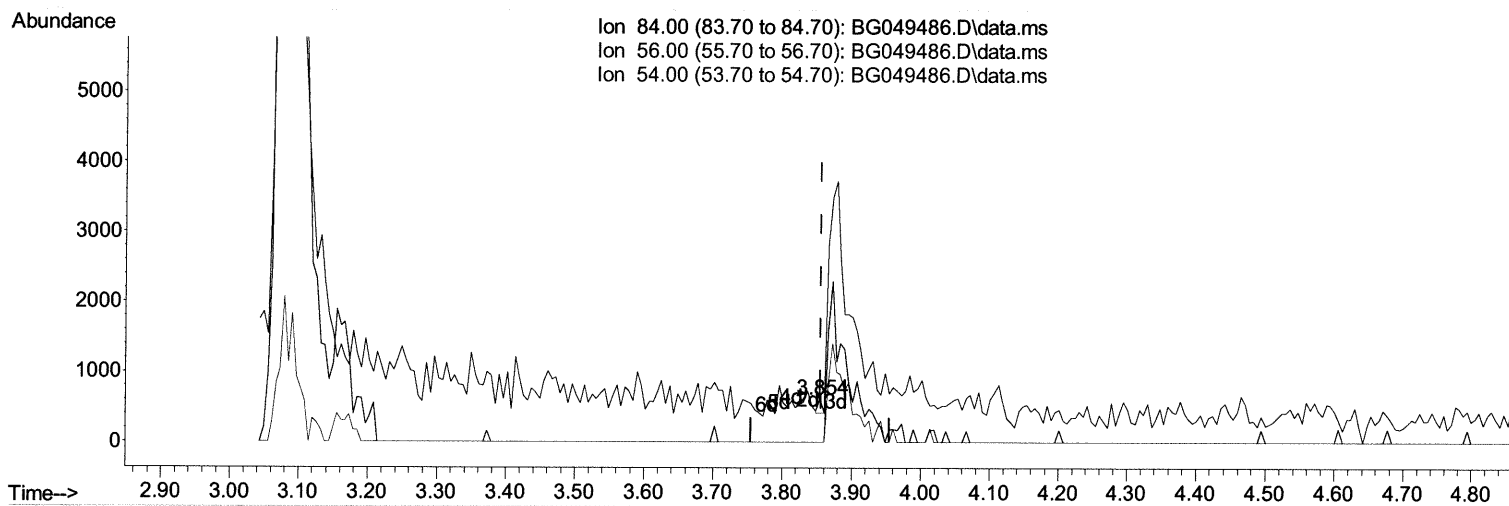
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(4) Pyridine-d5 (S)

3.854min (-0.001) 0.06 ng/ul

response 73

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	0.00#
54.00	34.10	0.00#
0.00	0.00	0.00

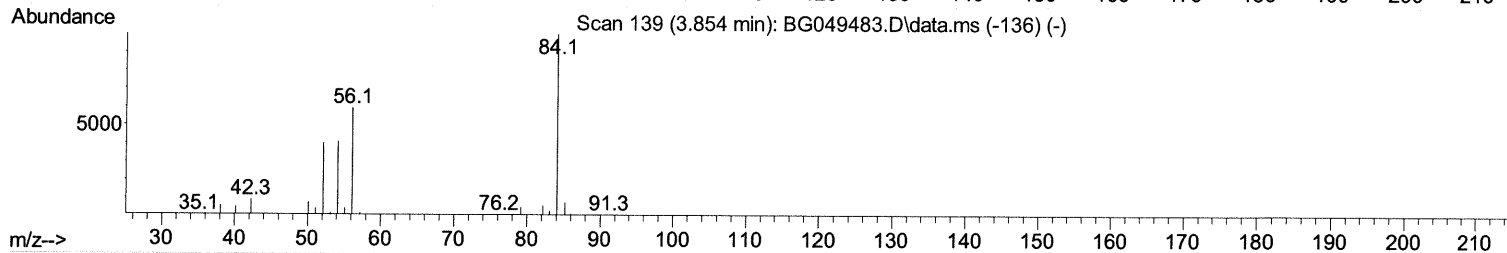
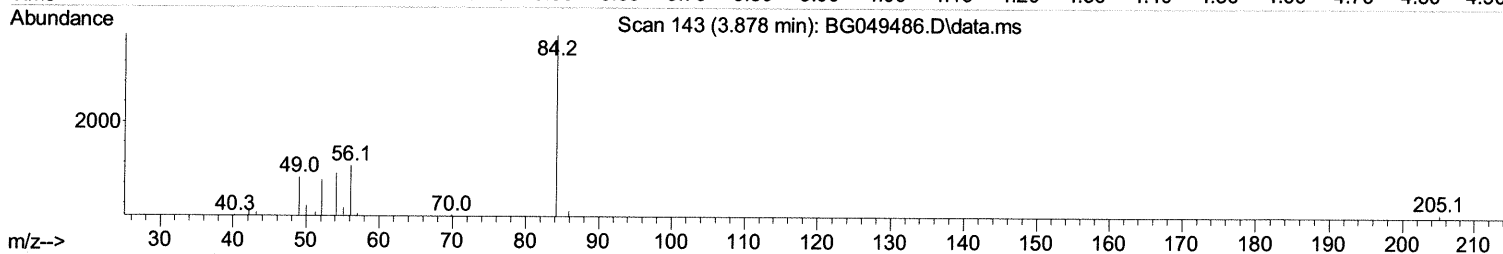
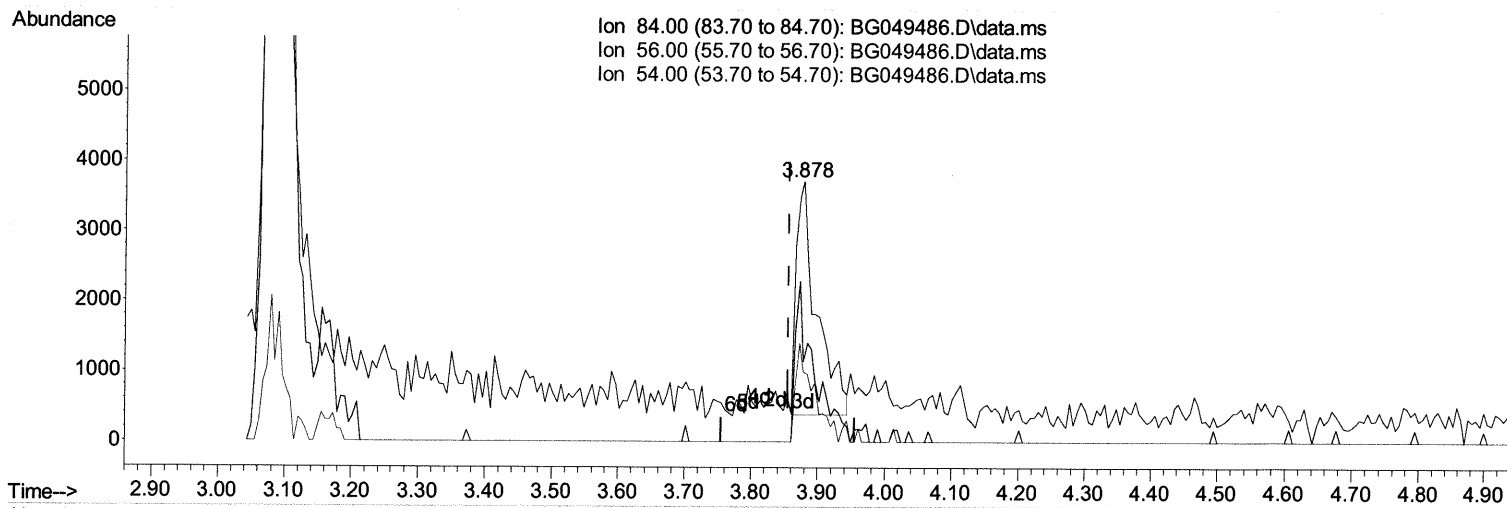
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TIC: BG049486.D\data.ms

(4) Pyridine-d5 (S)

3.878min (+ 0.023) 5.42 ng/ul m 07/29/21 JU

response 7099

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	30.90#
54.00	34.10	26.75#
0.00	0.00	0.00

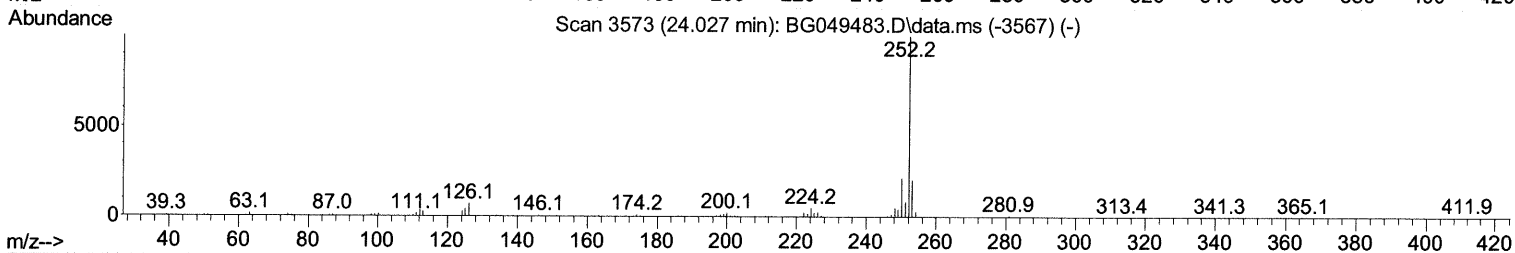
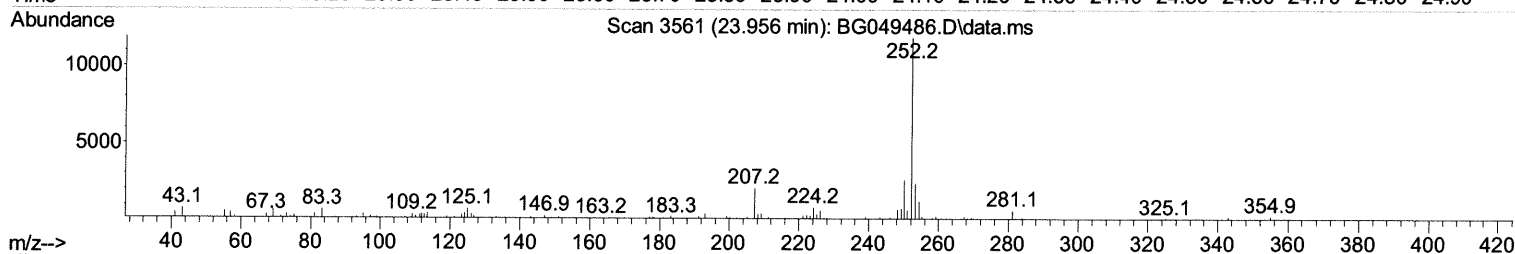
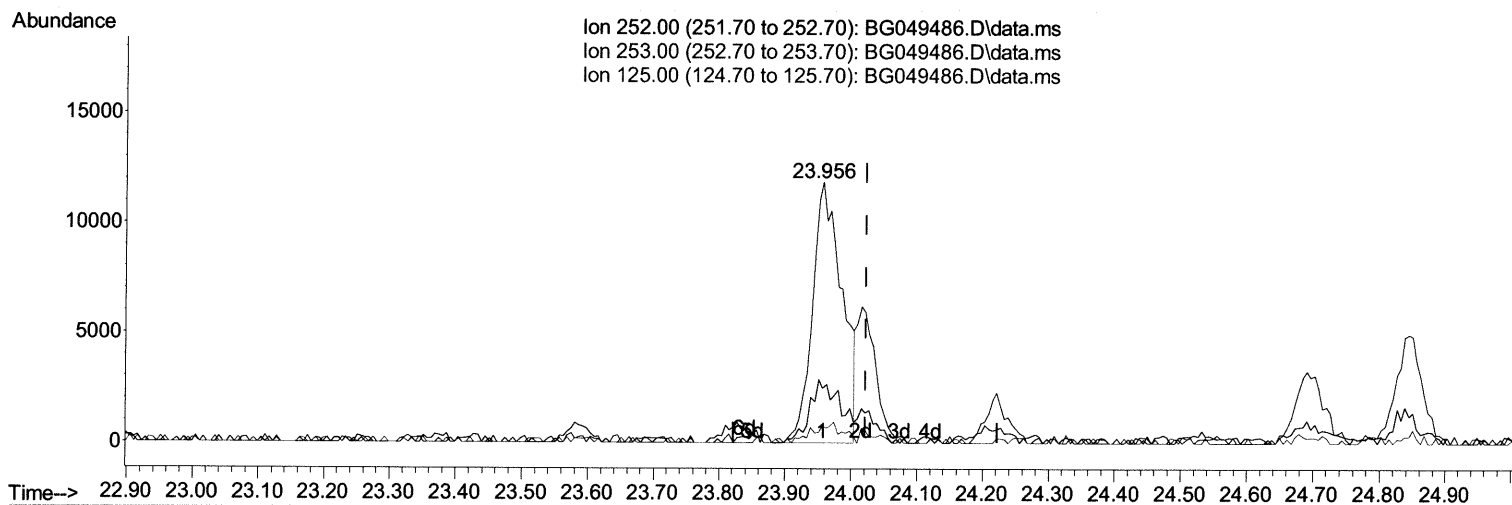
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Operator : CG/JU
Sample : M3082-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG049486.D\data.ms

(91) Benzo(k)fluoranthene

23.956min (-0.065) 4.39 ng/u1

response 36819

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	20.80
125.00	5.80	6.30
0.00	0.00	0.00

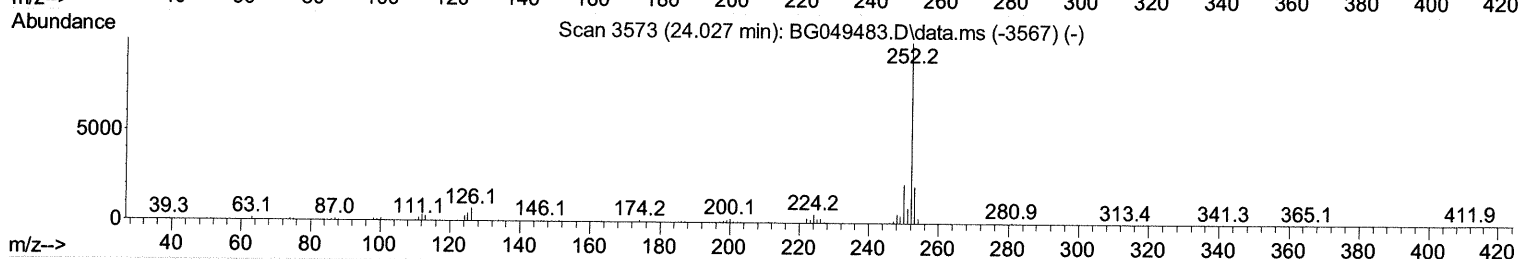
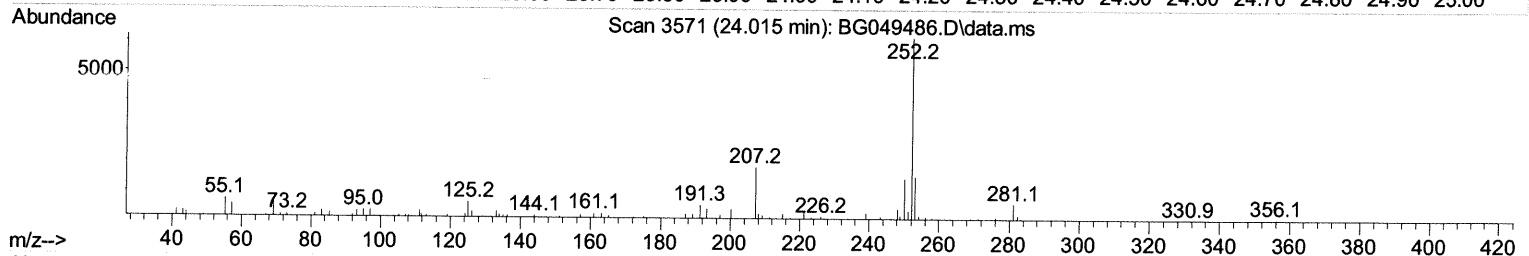
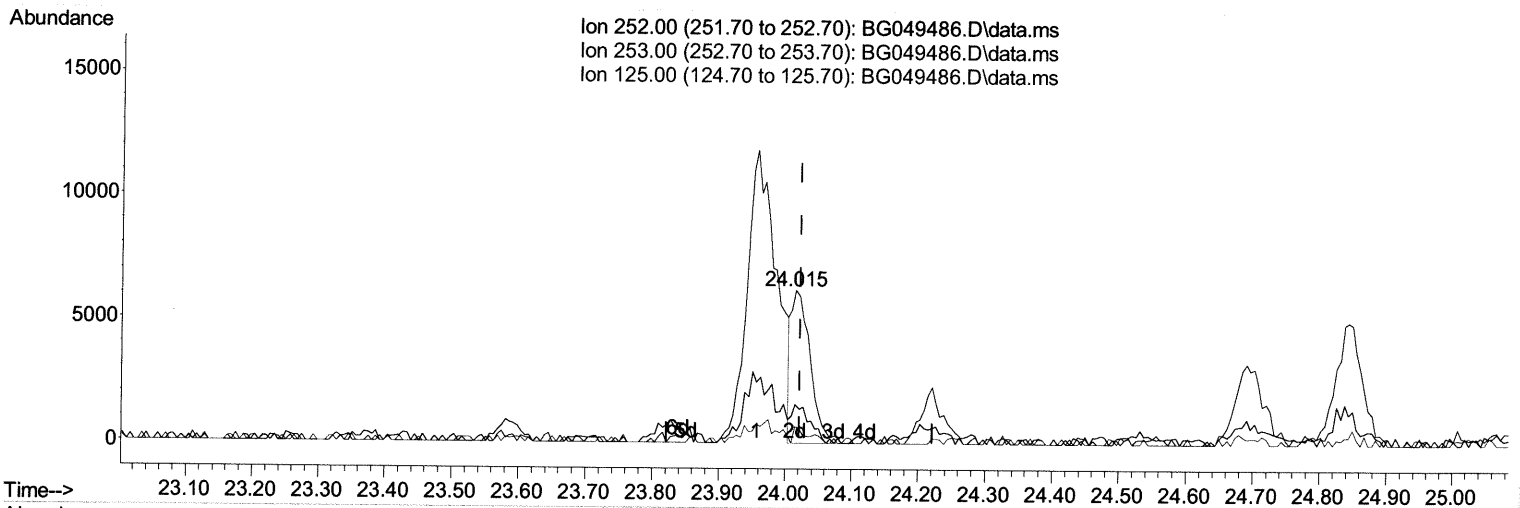
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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TIC: BG049486.D\data.ms

(91) Benzo(k)fluoranthene

24.015min (-0.007) 1.46 ng/ul m 07/29/21 Jd

response 12268

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	25.12
125.00	5.80	10.65#
0.00	0.00	0.00

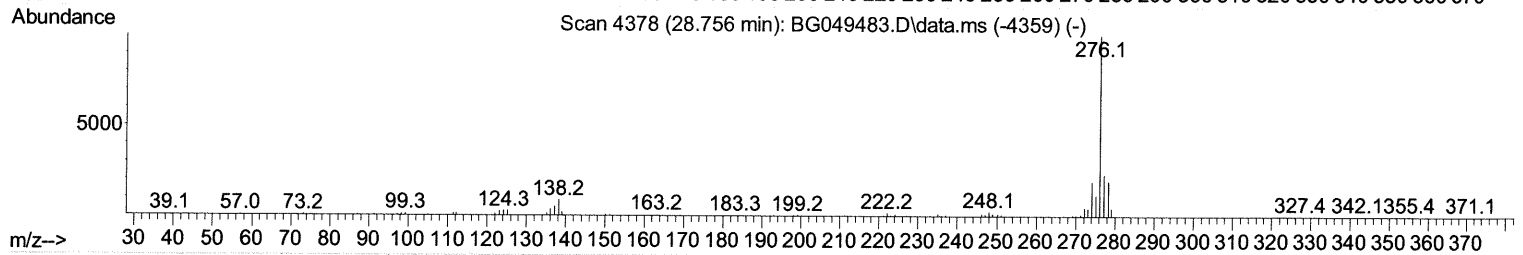
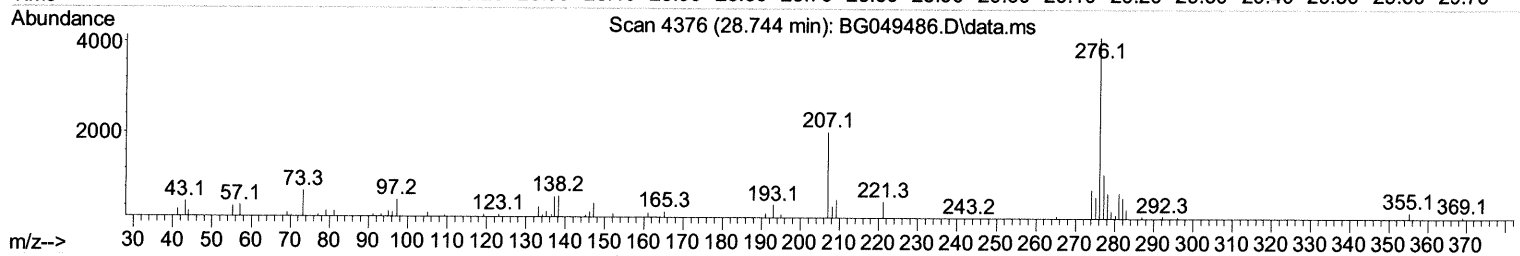
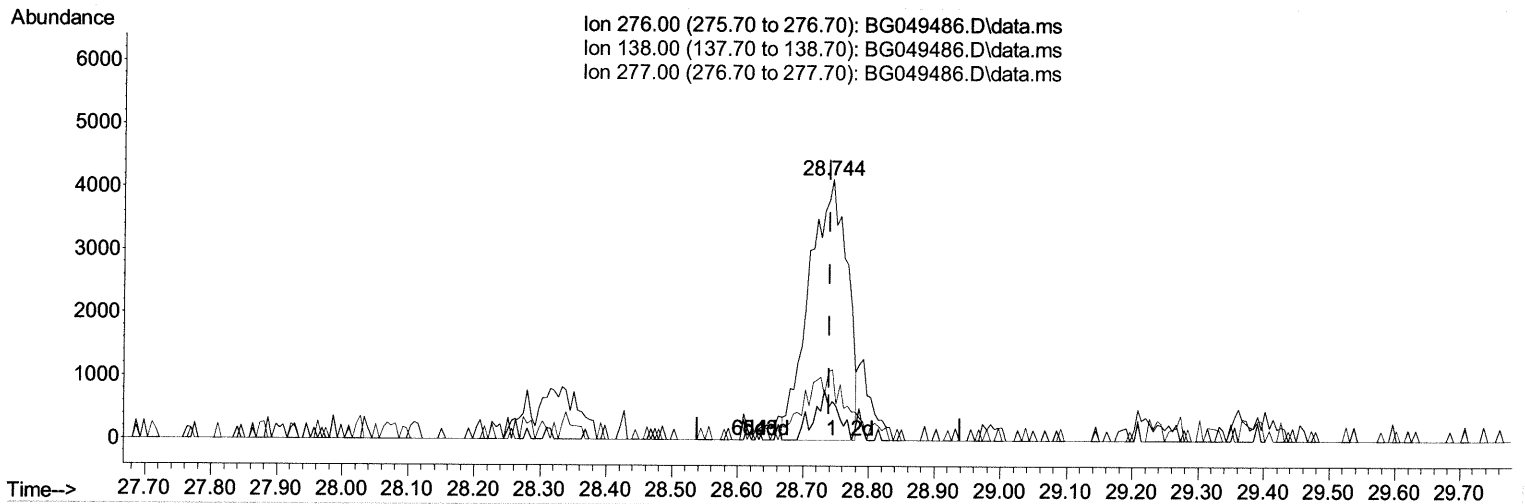
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TIC: BG049486.D\data.ms

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

28.744min (+ 0.005) 1.75 ng/ul

response 16553

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	14.80#
277.00	24.00	27.04
0.00	0.00	0.00

Quantitation Report (Qedit)

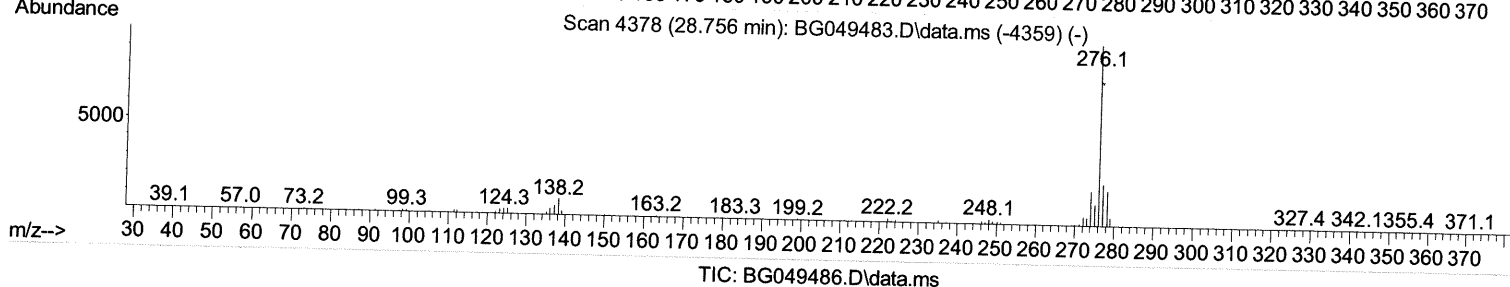
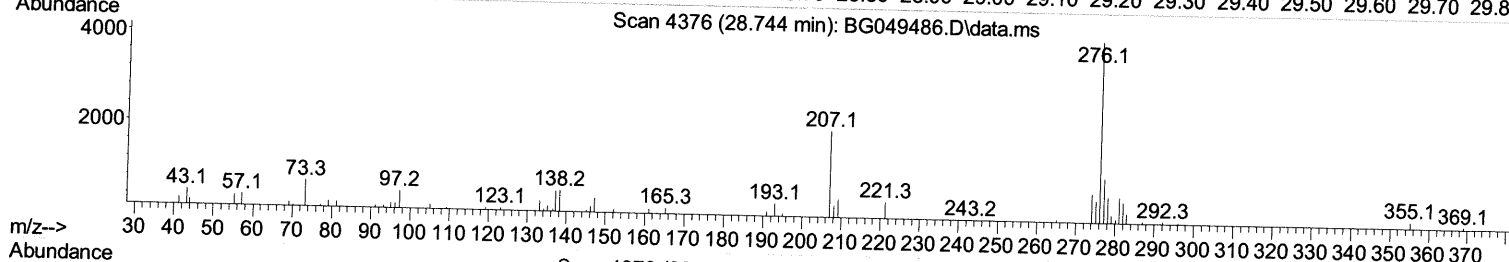
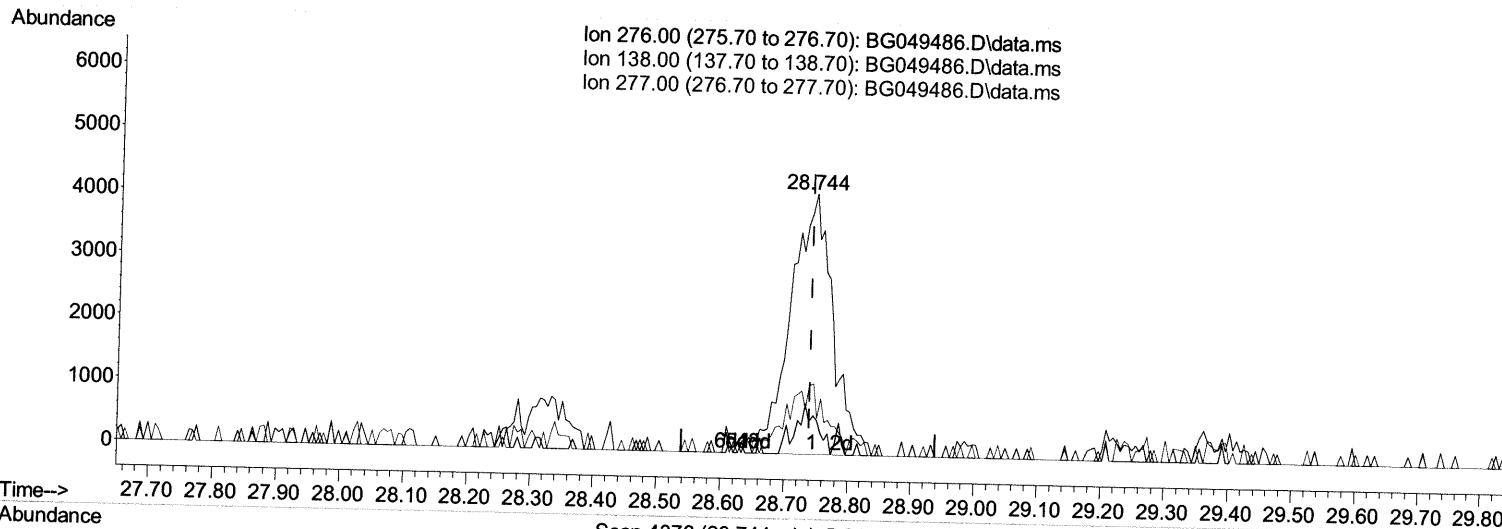
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 Response via : Initial Calibration



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

28.744min (+ 0.005) 1.98 ng/ul m 07/29/21 JU

response 18761

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	14.80#
277.00	24.00	27.04
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	20881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	85812	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	59302	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	133418	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	130439	20.000	ng/ul	0.00
88) Perylene-d12	24.996	264	136638	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	1131m	2.478	ng/ul	0.00
4) Pyridine-d5	3.878	84	7099m	5.415	ng/ul	0.02
7) Phenol-d5	7.203	99	25085	13.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	15179	14.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	19493	14.720	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	17616	12.650	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	10515	15.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	11510	14.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	21495	15.287	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	20412	10.416	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	71899	15.828	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	83577	15.840	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	7365	9.845	ng/ul	0.01
60) Fluorene-d10	15.685	176	63776	16.297	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	7877	9.528	ng/ul	0.00
73) Anthracene-d10	17.547	188	101455	16.361	ng/ul	0.00
81) Pyrene-d10	19.833	212	106550	15.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.767	264	83229	11.589	ng/ul	0.00
Target Compounds						
36) 2-Methylnaphthalene	12.531	142	3768	1.165	ng/ul#	78
72) Phenanthrene	17.489	178	27097	3.901	ng/ul	96
80) Fluoranthene	19.498	202	42604	5.261	ng/ul	98
82) Pyrene	19.856	202	30307	3.769	ng/ul#	96
85) Benzo(a)anthracene	21.707	228	19724	2.473	ng/ul#	95
87) Chrysene	21.771	228	26733	3.502	ng/ul	93
90) Benzo(b)fluoranthene	23.956	252	36819	4.299	ng/ul	99
91) Benzo(k)fluoranthene	24.015	252	12268m	1.464	ng/ul>	07/29/21 JU
93) Benzo(a)pyrene	24.843	252	13793	1.856	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.744	276	18761m	1.979	ng/ul>	07/29/21 JU

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