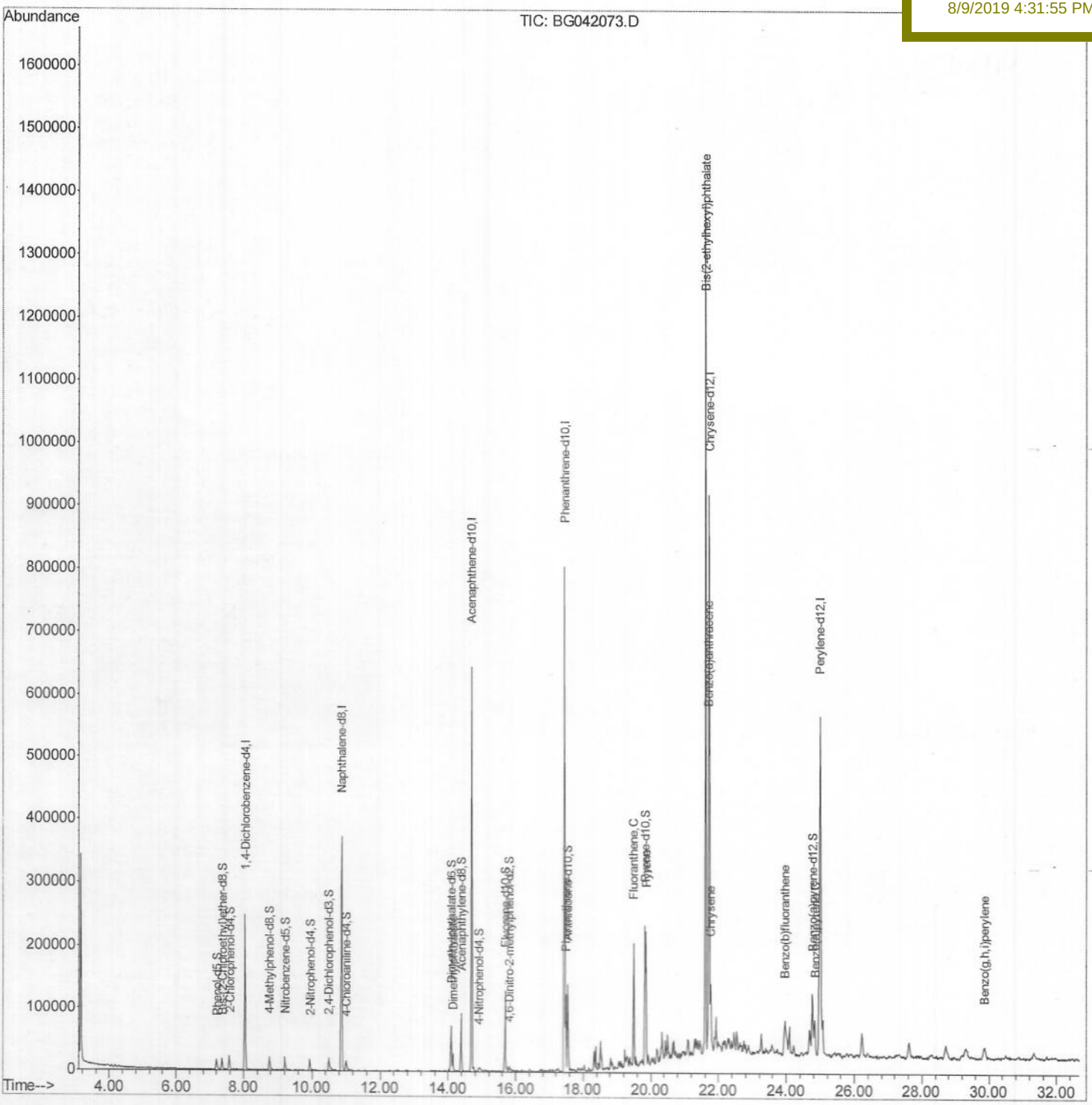
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042073.D
Acq On : 8 Aug 2019 18:47
Operator : HP/JU
Sample : K4028-17DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 09 08:58:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 15:44:01 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENR4DL

Manual Integrations APPROVED
mohammad
8/9/2019 4:31:55 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042073.D
Acq On : 8 Aug 2019 18:47
Operator : HP/JU
Sample : K4028-17DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 09 08:26:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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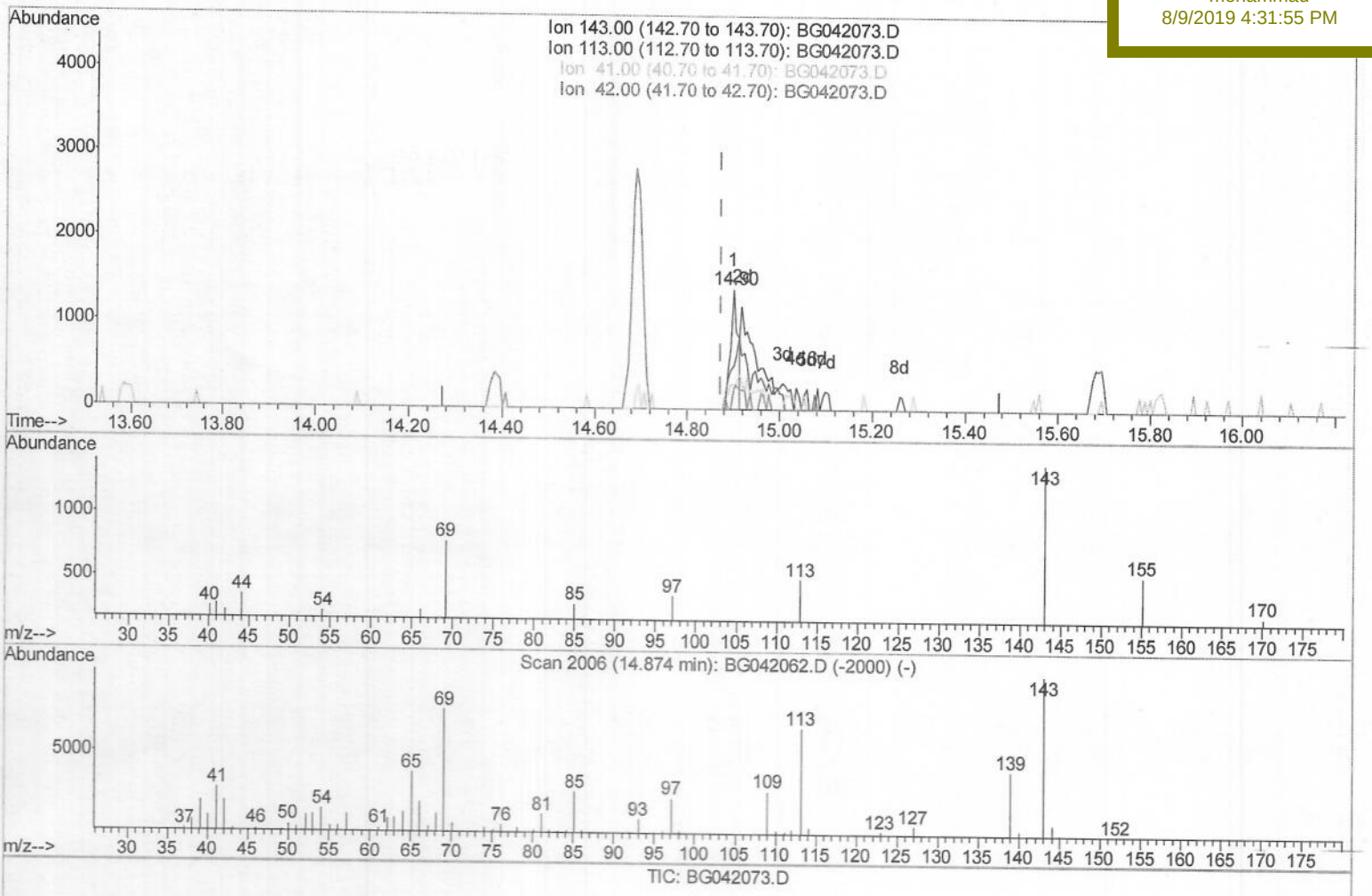

TIC: BG042073.D

(51) 4-Nitrophenol-d4 (S)

14.900min (+0.026) 0.45ng/ul

response 1525

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	35.17#
41.00	31.00	19.89#
42.00	21.10	16.28#

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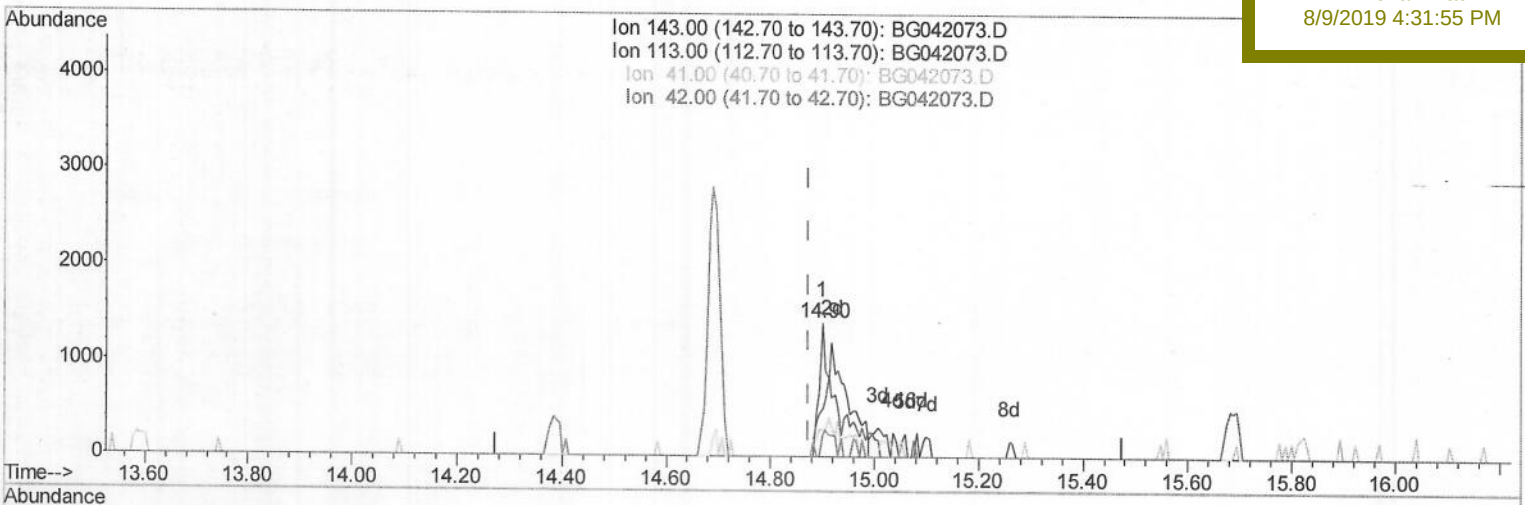
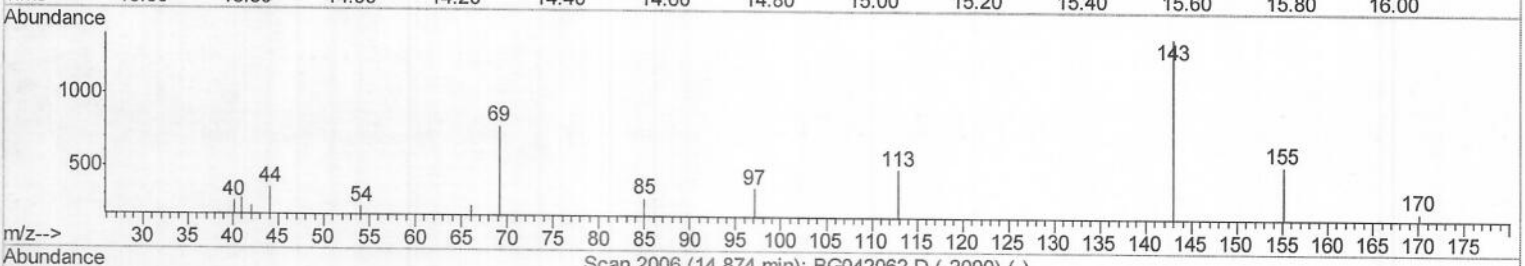
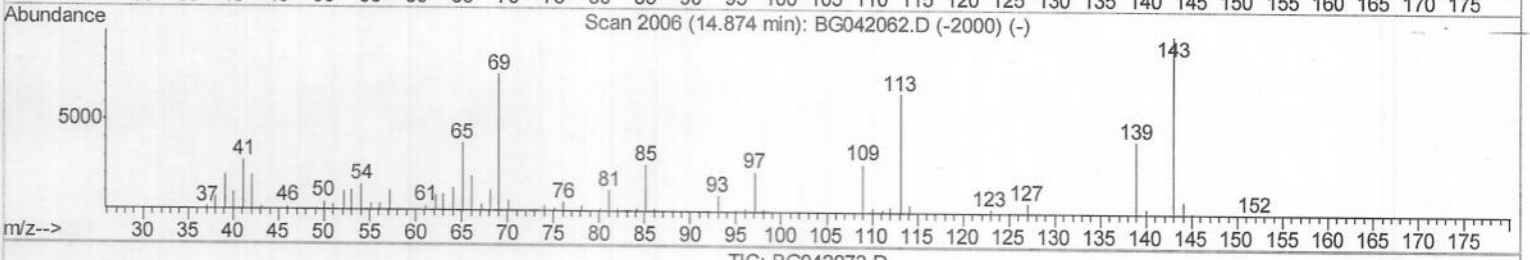
Manual Integrations APPROVED
mohammad
8/9/2019 4:31:55 PM







TIC: BG042073.D

(51) 4-Nitrophenol-d4 (S)

14.900min (+0.026) 1.27ng/ul m JU 08/09/19

response 4298

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	35.17#
41.00	31.00	19.89#
42.00	21.10	16.28#

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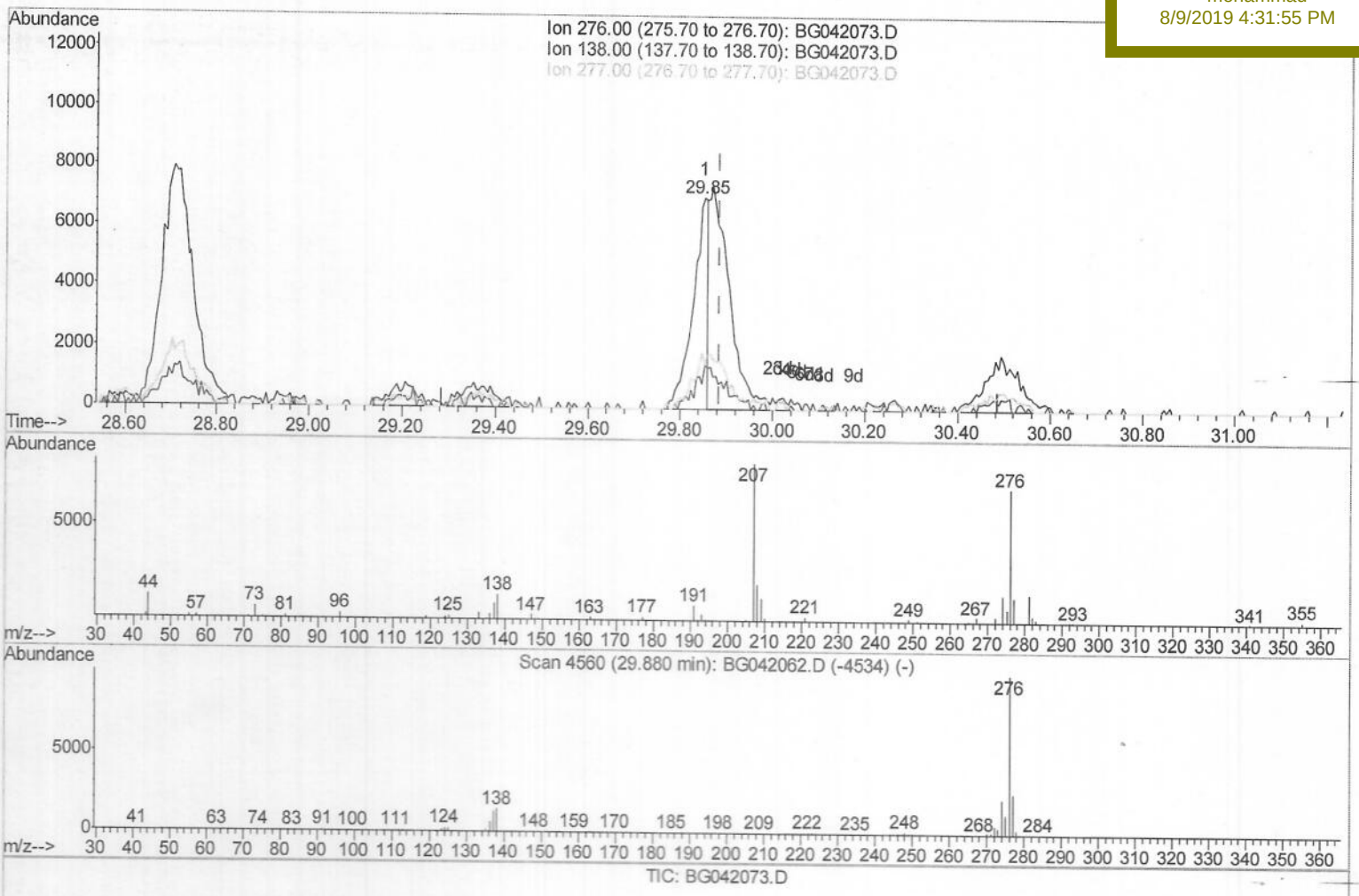
Instrument :
BNA_G
ClientSampleId :
BENR4DL

Manual Integrations APPROVED
mohammad
8/9/2019 4:31:55 PM



TIC: BG042073.D

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

29.853min (-0.033) 0.44ng/ul

response 16113

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	20.70#
277.00	24.00	20.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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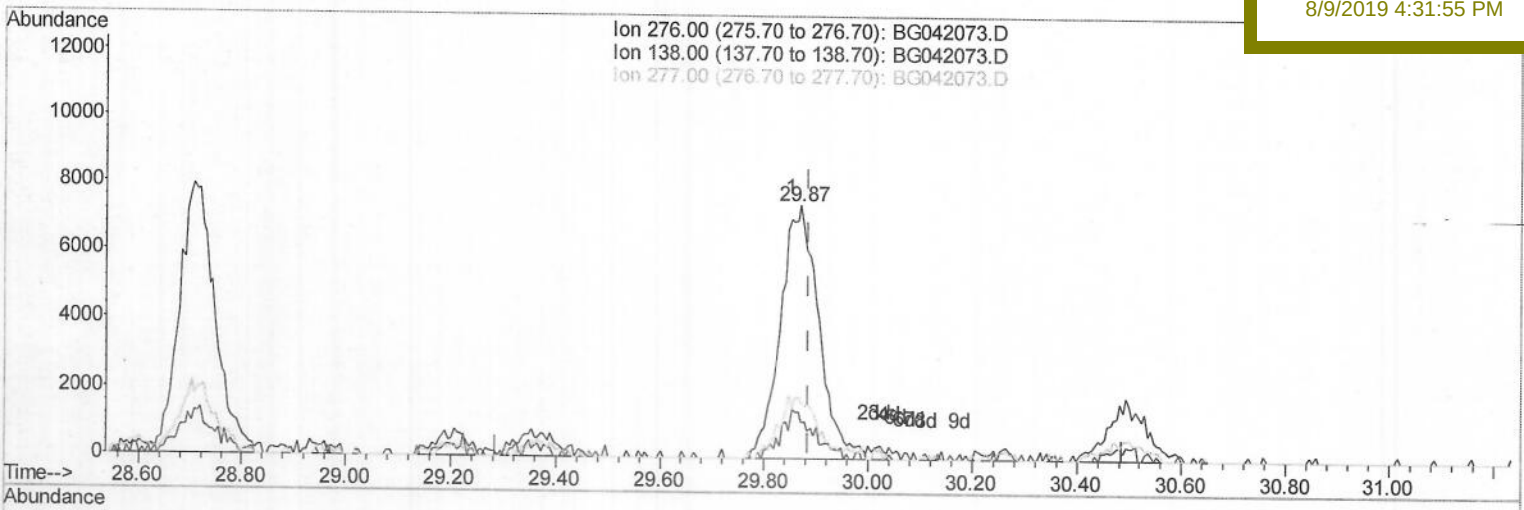
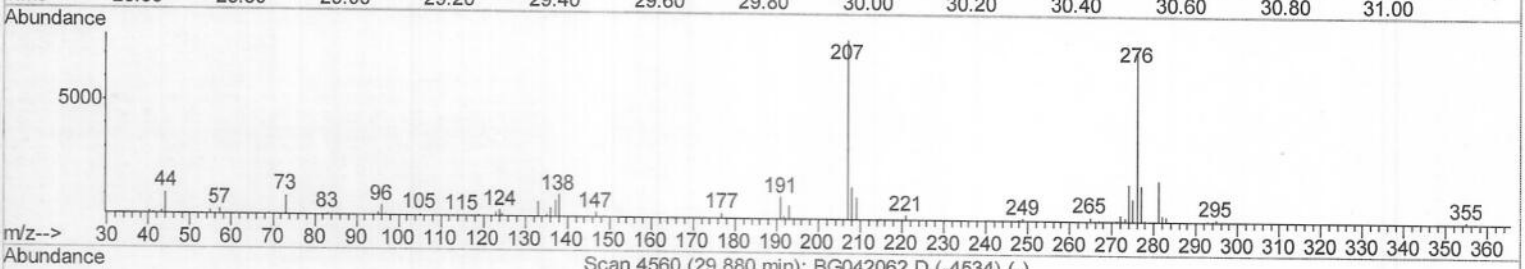
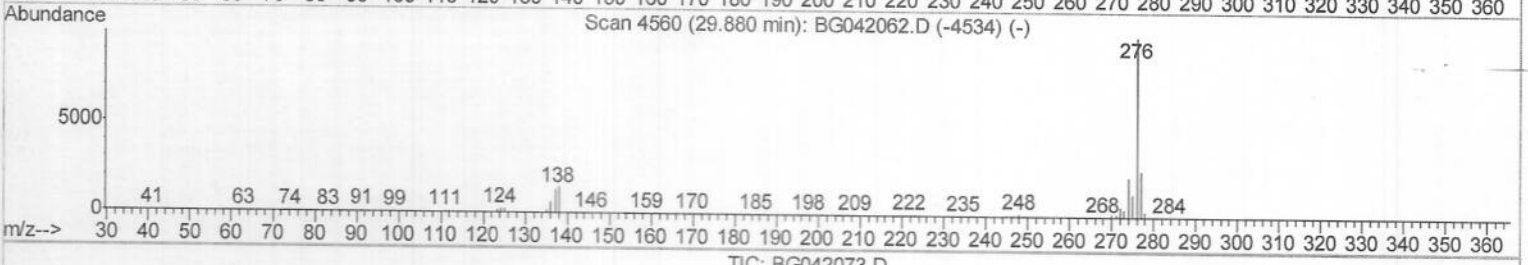
Manual Integrations APPROVED
mohammad
8/9/2019 4:31:55 PM







TIC: BG042073.D

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

29.871min (-0.015) 1.03ng/ul m

response 37805

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	14.66
277.00	24.00	22.49
0.00	0.00	0.00

JU 08/09/19

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
ClientSampleId : BENR4DL

Manual Integrations APPROVED
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8/9/2019 4:31:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	361483	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.69	164	260768	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	552152	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	535215	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	633081	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	515	0.27	ng/uL	0.01
5) Phenol-d5	7.20	99	15650	2.38	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	8686	2.36	ng/ul	0.01
9) 2-Chlorophenol-d4	7.57	132	14385	2.56	ng/ul	0.02
13) 4-Methylphenol-d8	8.75	113	11129	2.01	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	7463	2.74	ng/ul	0.01
22) 2-Nitrophenol-d4	9.94	143	8023	2.54	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.49	165	15195	2.38	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	14796	2.09	ng/ul	0.03
43) Dimethylphthalate-d6	14.09	166	66113	3.27	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	74340	3.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	4298m	1.27	ng/ul	0.03
57) Fluorene-d10	15.69	176	60572	3.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	4282	1.21	ng/ul	0.00
70) Anthracene-d10	17.54	188	97223	3.67	ng/ul	0.00
78) Pyrene-d10	19.82	212	111284	3.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	116371	3.52	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.14	163	22669	1.129	ng/ul#	94
69) Phenanthrene	17.49	178	82130	2.717	ng/ul	99
76) Fluoranthene	19.49	202	125946	3.606	ng/ul	98
79) Pyrene	19.85	202	148892	4.136	ng/ul	97
82) Benzo(a)anthracene	21.70	228	82890	2.234	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	598091	30.934	ng/ul	99
84) Chrysene	21.77	228	78187	2.257	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	81936	2.062	ng/ul#	97
90) Benzo(a)pyrene	24.83	252	68391	1.806	ng/ul	99
93) Benzo(g,h,i)perylene	29.87	276	37805m	1.025	ng/ul	

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

JU 08/09 11:9