

Quantitation Report (Qedit)

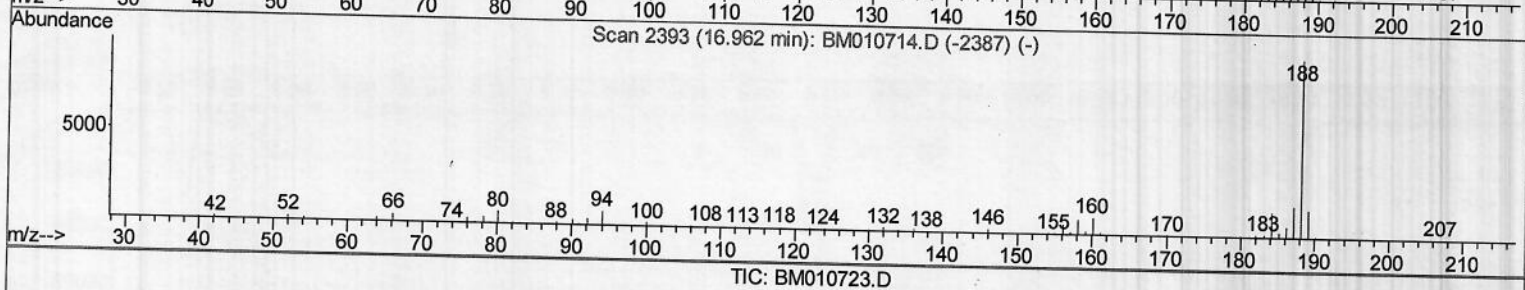
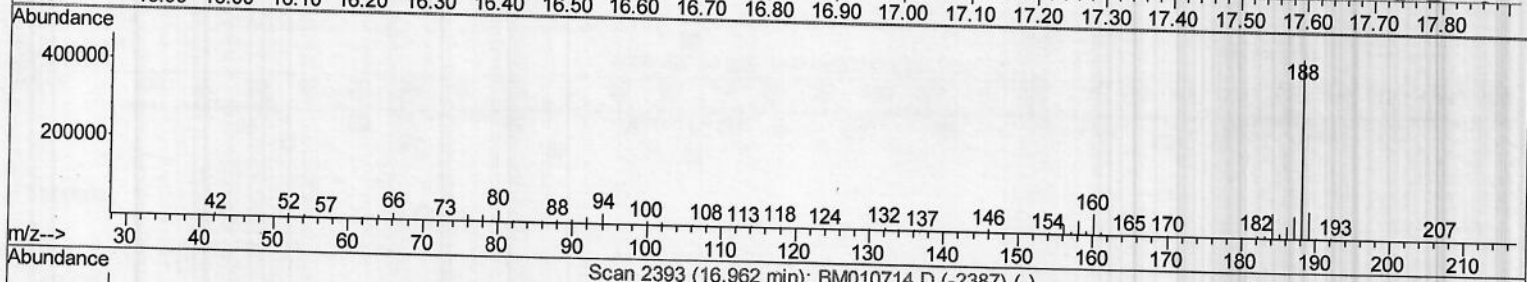
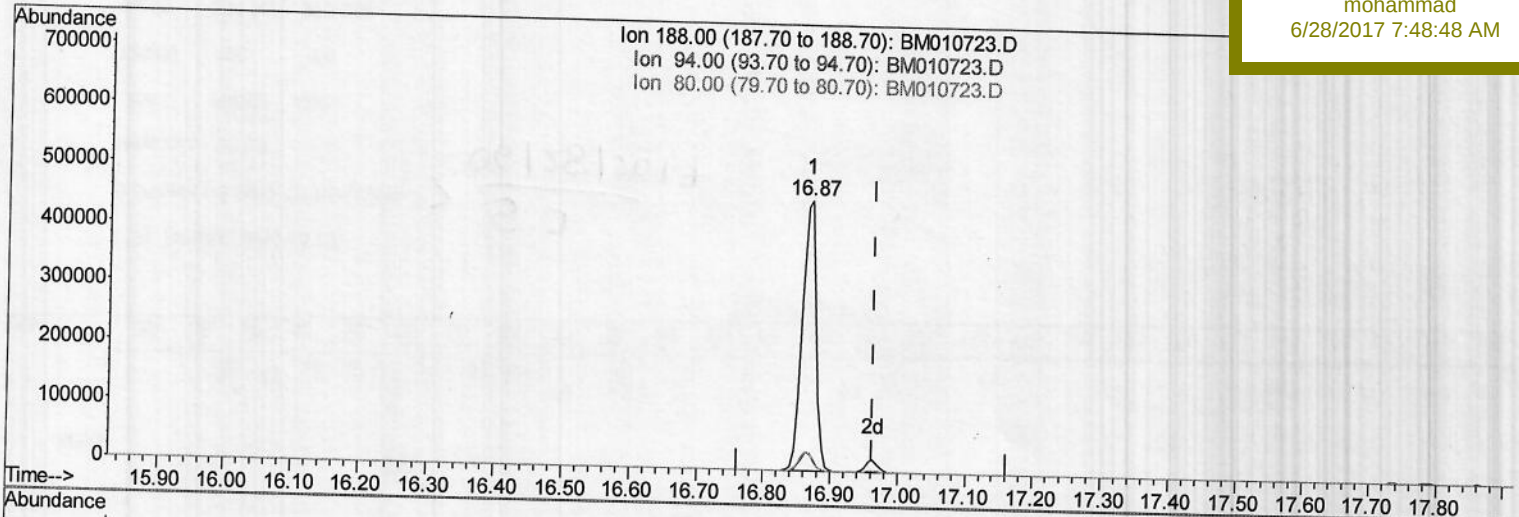
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010723.D
 Acq On : 24 Jun 2017 11:02
 Operator : SJ/JU
 Sample : I3627-20ME 20X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 F5C49ME

Manual Integrations
APPROVED

mohammad
 6/28/2017 7:48:48 AM

Quant Time: Jun 26 01:51:59 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 01:49:13 2017
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

16.869min (-0.094) 20.71ng/ul

response 643103

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.70
80.00	5.90	6.40
0.00	0.00	0.00

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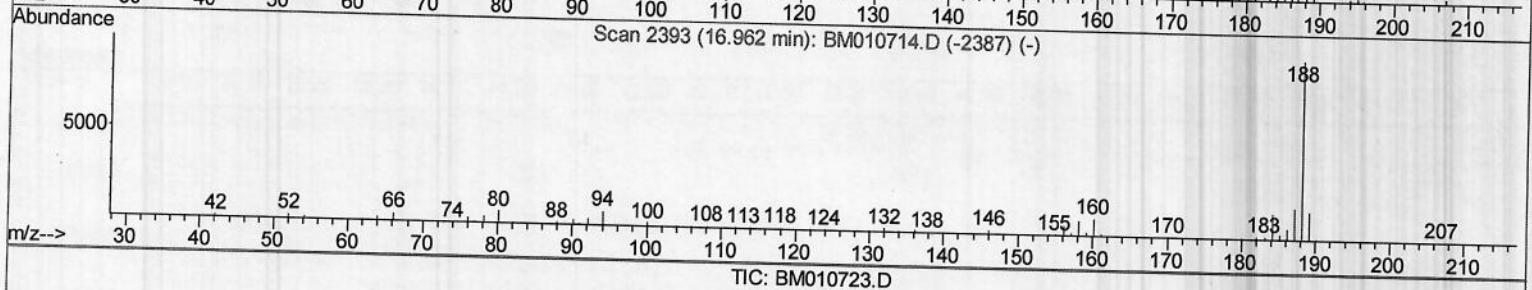
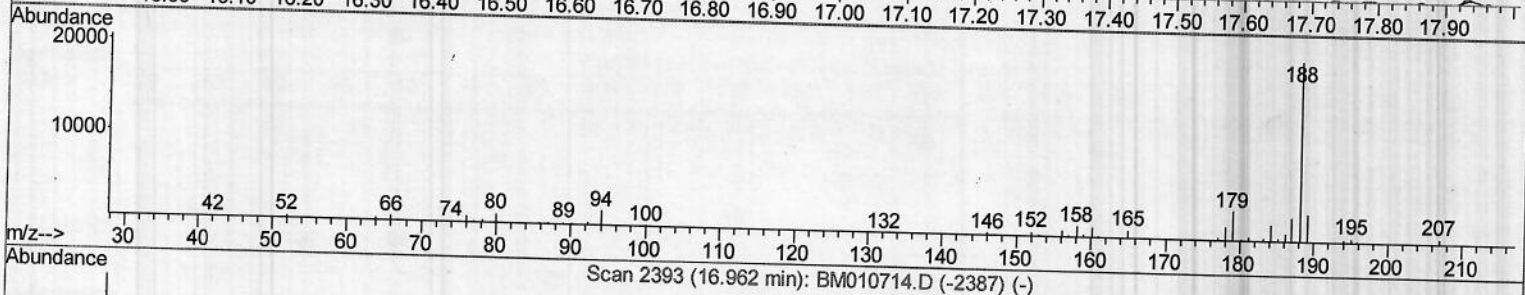
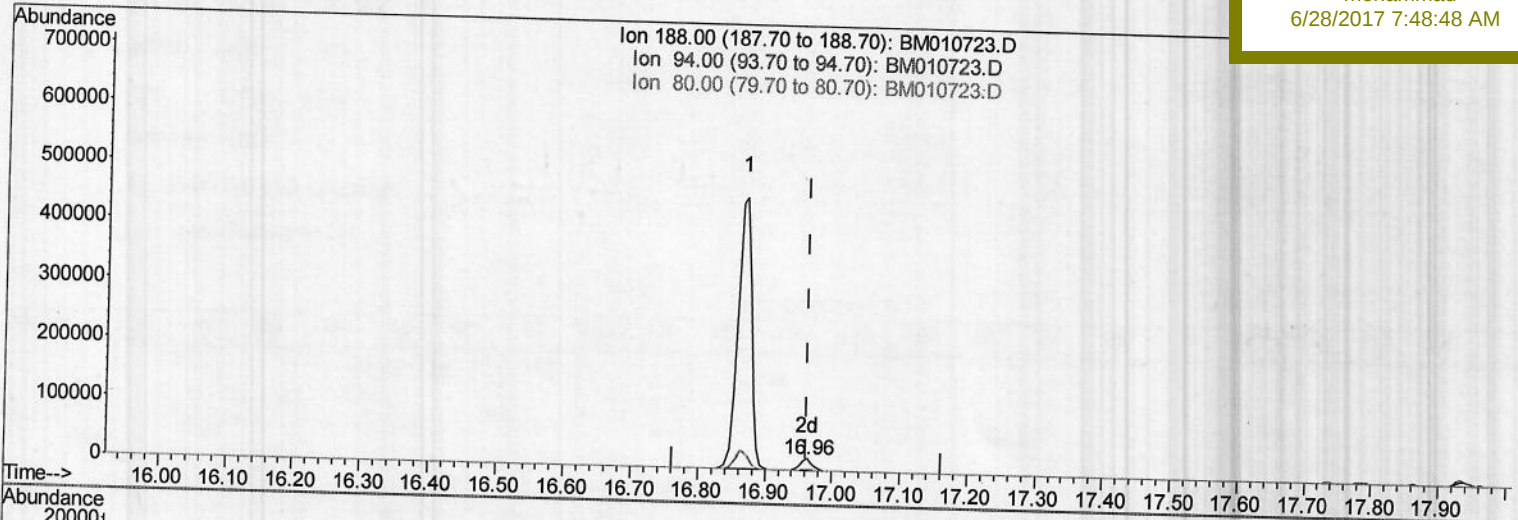
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(70) Anthracene-d10 (S)

16.963min (+0.000) 0.84ng/ul m

response 26023

Ion Exp% Act%

188.00 100 100

94.00 5.70 9.37#

80.00 5.90 6.64

0.00 0.00 0.00

> 5.7
 06/29/17

Quantitation Report (Qedit)

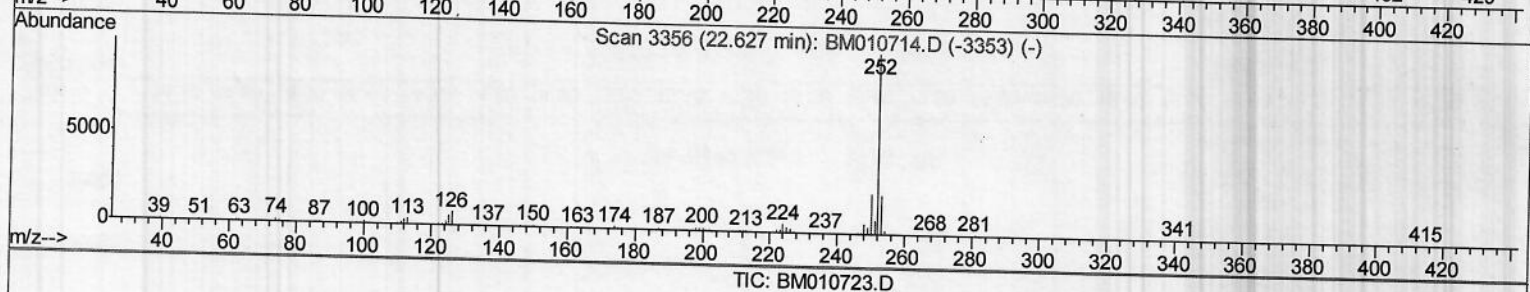
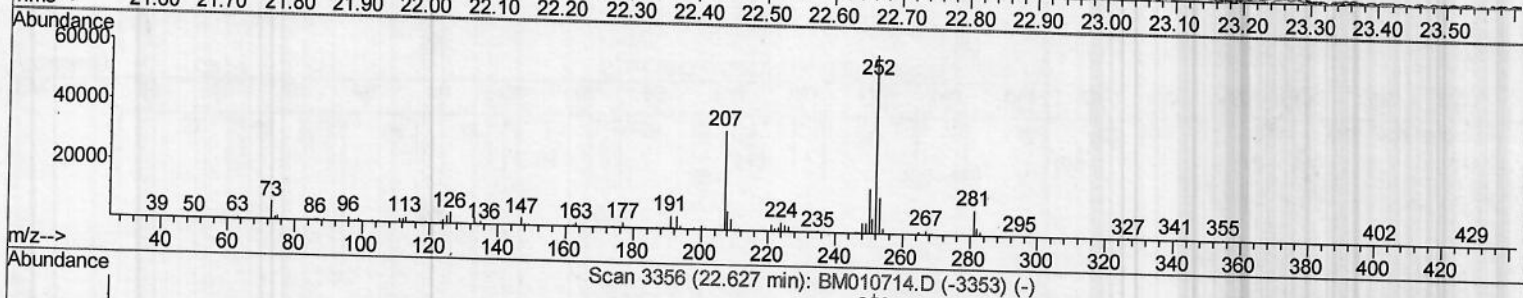
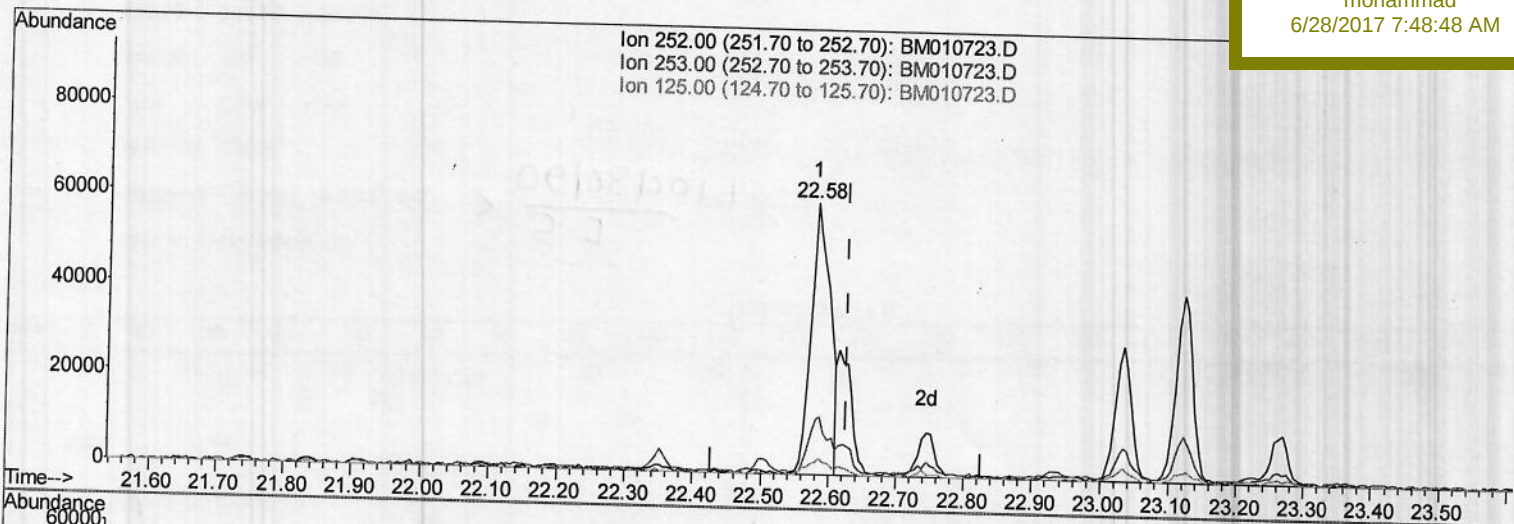
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Quant Time: Jun 26 03:44:07 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
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(86) Benzo(k)fluoranthene
 22.580min (-0.047) 3.97ng/ul
 response 118215

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	20.57
125.00	4.30	4.72
0.00	0.00	0.00

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Instrument :

BNA_M

ClientSampled :

F5C49ME

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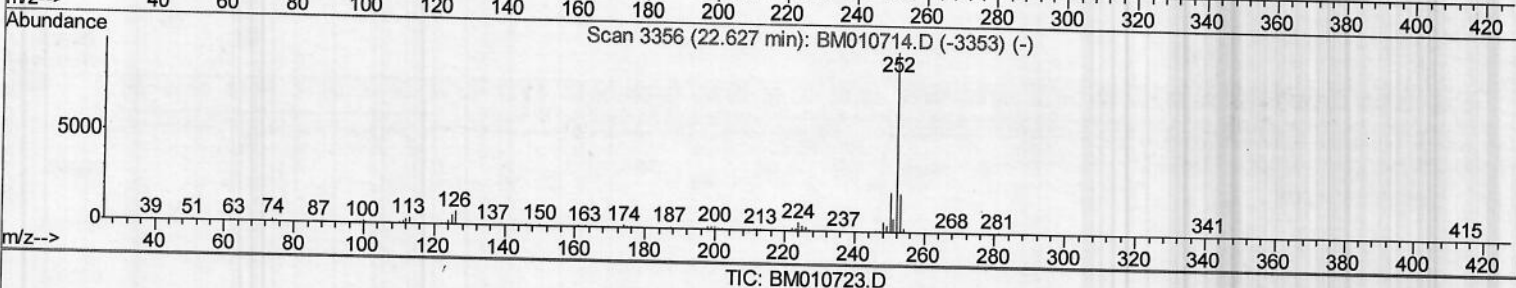
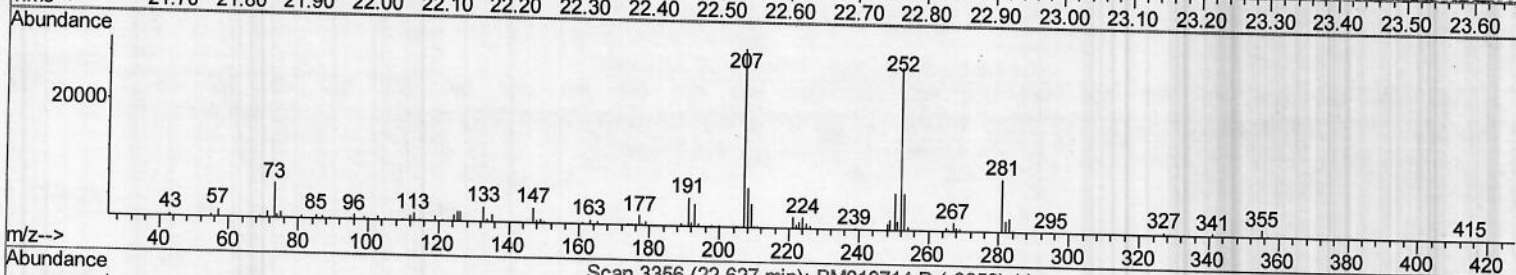
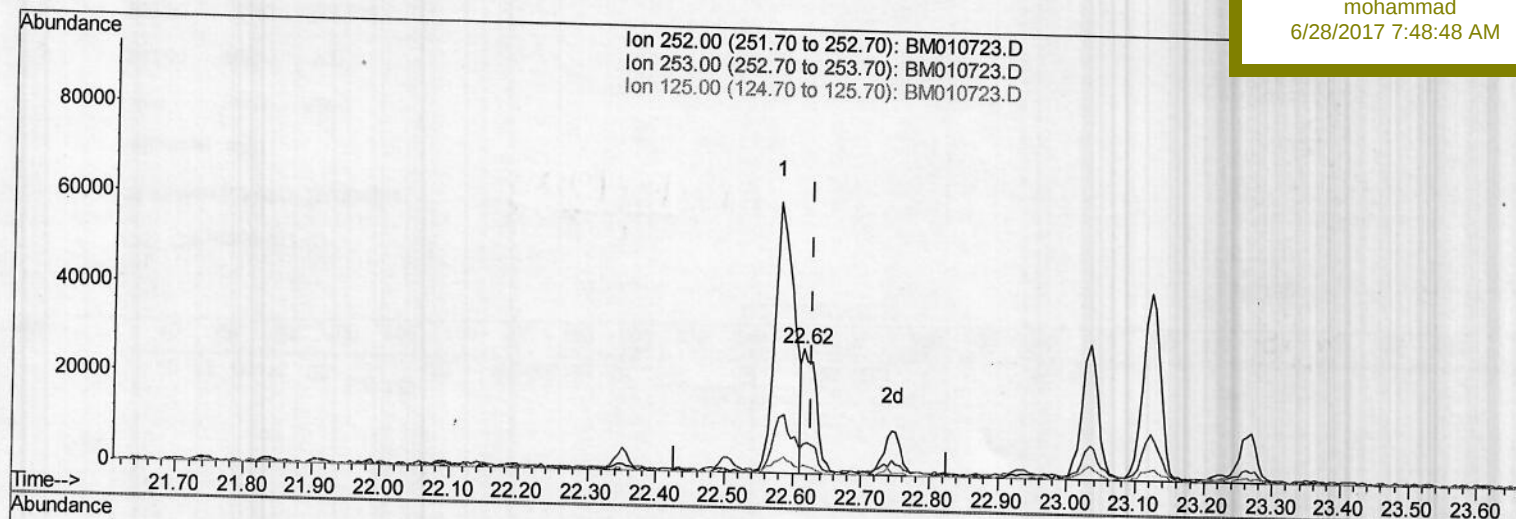
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QLast Update : Mon Jun 26 01:49:13 2017

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(86) Benzo(k)fluoranthene

22.615min (-0.011) 1.31ng/ul m

response 39021

Ion Exp% Act%

252.00 100 100

253.00 21.40 23.22

125.00 4.30 7.32#

0.00 0.00 0.00

> 5. J
 06/29/17

Quantitation Report (Qedit)

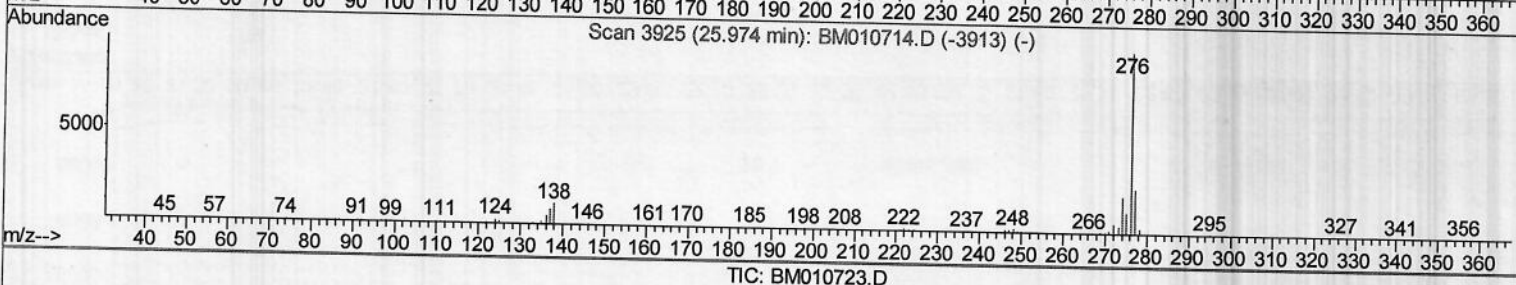
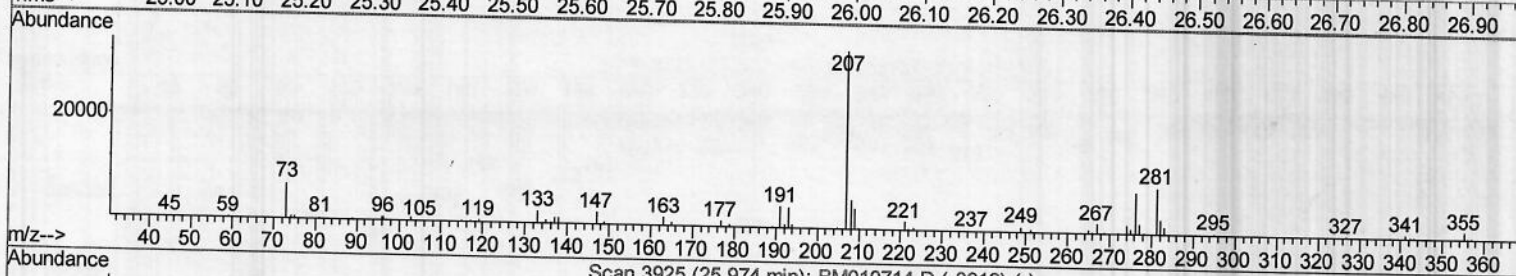
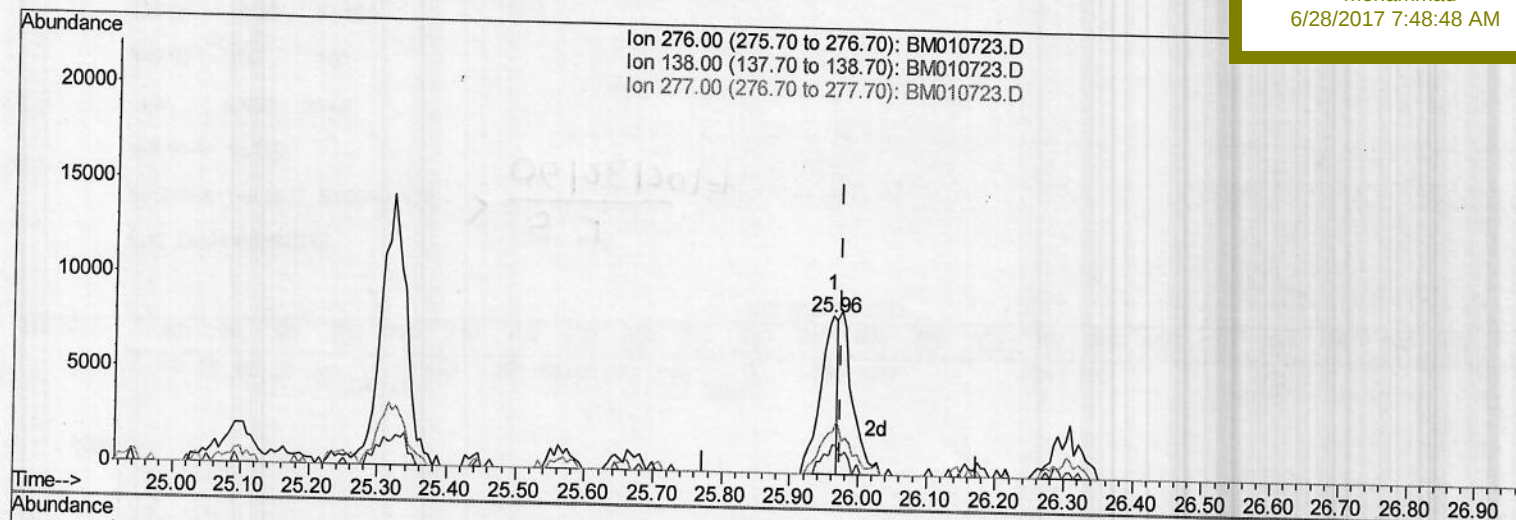
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 6/28/2017 7:48:48 AM



TIC: BM010723.D

(91) Benzo(g,h,i)perylene
 25.962min (-0.011) 0.63ng/ul
 response 14925

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	18.62#
277.00	23.30	26.71
0.00	0.00	0.00

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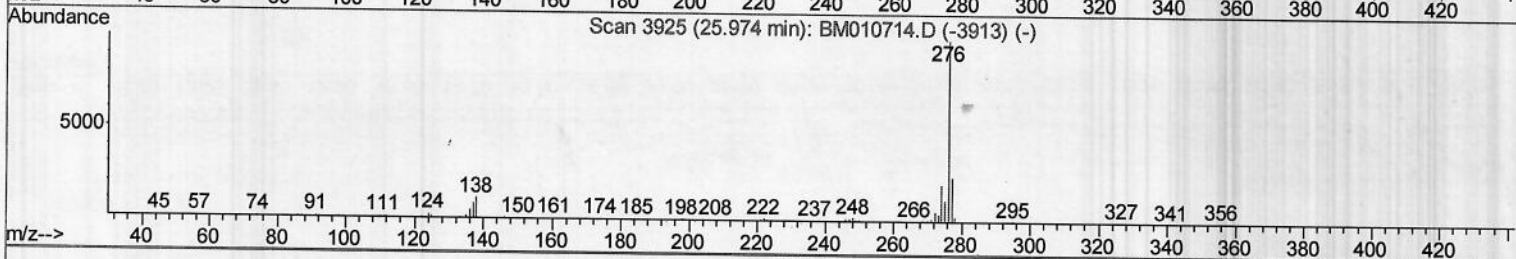
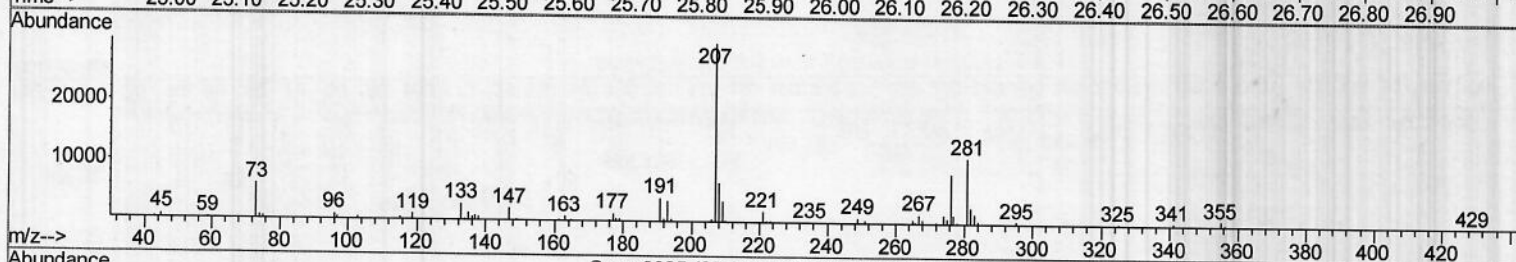
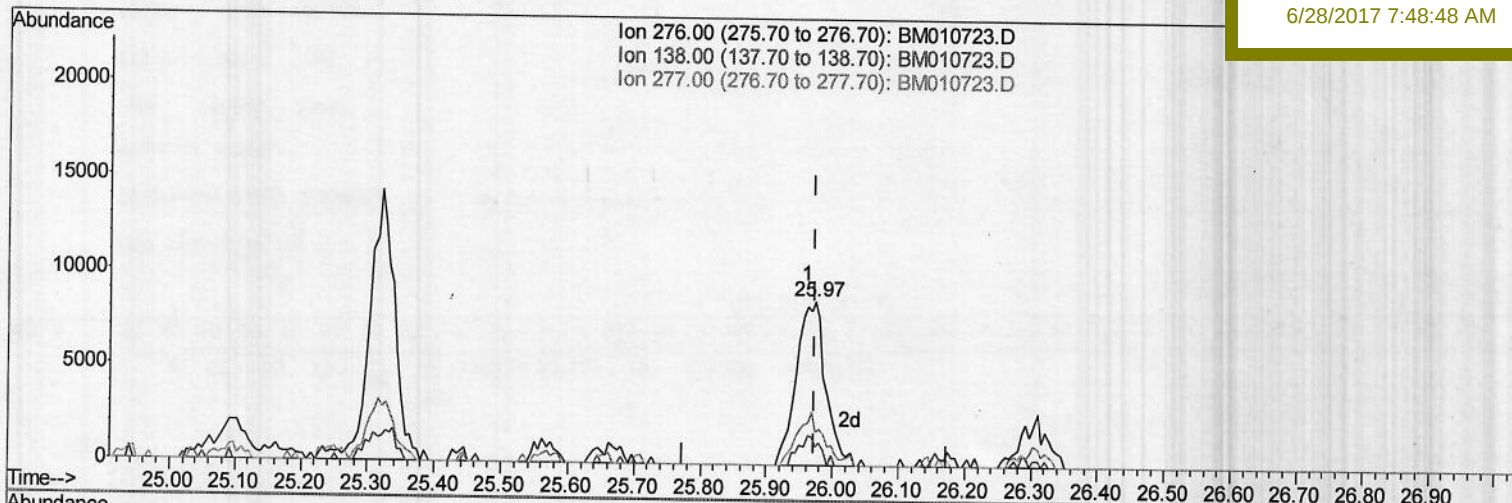
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 ALS Vial : 39 Sample Multiplier: 1

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Manual Integrations
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 6/28/2017 7:48:48 AM



TIC: BM010723.D

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

25.974min (+0.000) 1.10ng/ul m

response 26206

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	11.14
277.00	23.30	20.79
0.00	0.00	0.00

> 5.5
 06/29/17

Quantitation Report (QT Reviewed)

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Quant Time: Jun 26 03:46:06 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	82496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	383402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	263811	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	643103	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	654704	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	483977	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	4572	0.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	2506	0.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	4052	0.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	4038	0.62	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1445	0.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	2026	0.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	4624	0.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	4409	0.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	18485	0.80	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	20133	0.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	2109	0.52	ng/ul	0.00
57) Fluorene-d10	15.11	176	17016	0.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1692	0.43	ng/ul	0.00
70) Anthracene-d10	16.96	188	26023m	0.84	ng/ul	0.00
76) Pyrene-d10	19.27	212	27848	0.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	17655	0.75	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.27	128	2630992	137.89	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	168299	10.97	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	51915	2.52	ng/ul	98
49) Acenaphthene	14.17	153	139248	8.05	ng/ul	99
53) Dibenzofuran	14.51	168	190263	7.26	ng/ul	92
58) Fluorene	15.17	166	196869	8.97	ng/ul	99
69) Phenanthrene	16.91	178	855062	25.01	ng/ul	100
71) Anthracene	17.00	178	231671	6.58	ng/ul	97
72) Carbazole	17.27	167	94366	3.07	ng/ul	97
74) Fluoranthene	18.94	202	584377	13.26	ng/ul	98
77) Pyrene	19.30	202	420058	11.11	ng/ul	98
80) Benzo(a)anthracene	21.06	228	146449	3.84	ng/ul	96
82) Chrysene	21.12	228	123945	3.65	ng/ul	95
85) Benzo(b)fluoranthene	22.58	252	118215	3.76	ng/ul	97
86) Benzo(k)fluoranthene	22.62	252	39021m	1.31	ng/ul	
88) Benzo(a)pyrene	23.12	252	72214	2.50	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.32	276	35916	1.20	ng/ul#	91
91) Benzo(g,h,i)perylene	25.97	276	26206m	1.10	ng/ul	

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

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