

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013470.D
 Acq On : 16 Dec 2017 09:59
 Operator : SJ/JU
 Sample : I6776-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 25 00:55:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A57

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:10:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	245718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1052956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	607358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1354381	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1257295	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1041996	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	13451	2.71	ng/uL	0.00
5) Phenol-d5	6.85	99	457996	21.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	255798	21.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	362786	21.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	391834	21.57	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	186092	22.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	212505	23.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	419208	22.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	390861	23.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1487614	27.52	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1785969	26.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	288862	30.76	ng/ul	0.00
57) Fluorene-d10	15.32	176	1315527	28.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	159072	18.67	ng/ul	0.00
70) Anthracene-d10	17.17	188	2323290	34.25	ng/ul	0.00
76) Pyrene-d10	19.47	212	2636823	42.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1897400	35.75	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.88	94	44277	2.107	ng/ul	91
28) Naphthalene	10.50	128	76283	1.408	ng/ul	97
44) Dimethylphthalate	13.78	163	135300	2.617	ng/ul	100
47) Acenaphthylene	14.04	152	702586	11.383	ng/ul	99
49) Acenaphthene	14.38	153	74582	1.774	ng/ul	95
53) Dibenzofuran	14.72	168	90782	1.463	ng/ul	98
58) Fluorene	15.37	166	69116	1.346	ng/ul	95
68) Pentachlorophenol	16.72	266	188226	18.535	ng/ul	97
69) Phenanthrene	17.11	178	1274319	16.561	ng/ul	99
71) Anthracene	17.20	178	1162256	14.777	ng/ul	97
72) Carbazole	17.47	167	311323	4.602	ng/ul	99
74) Fluoranthene	19.13	202	4673728	49.566	ng/ul#	92
77) Pyrene	19.50	202	4717505	61.760	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	2144004m)	26.877	ng/ul	
82) Chrysene	21.30	228	2454501	33.165	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	4735759	67.420	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	1252914m)	18.954	ng/ul	
88) Benzo(a)pyrene	23.40	252	2129846	33.754	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.72	276	2093382	33.436	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.72	278	537830	10.089	ng/ul#	89
91) Benzo(a,h,i)perylene	26.41	276	2327782	47.136	ng/ul#	96

55/12/25/17

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Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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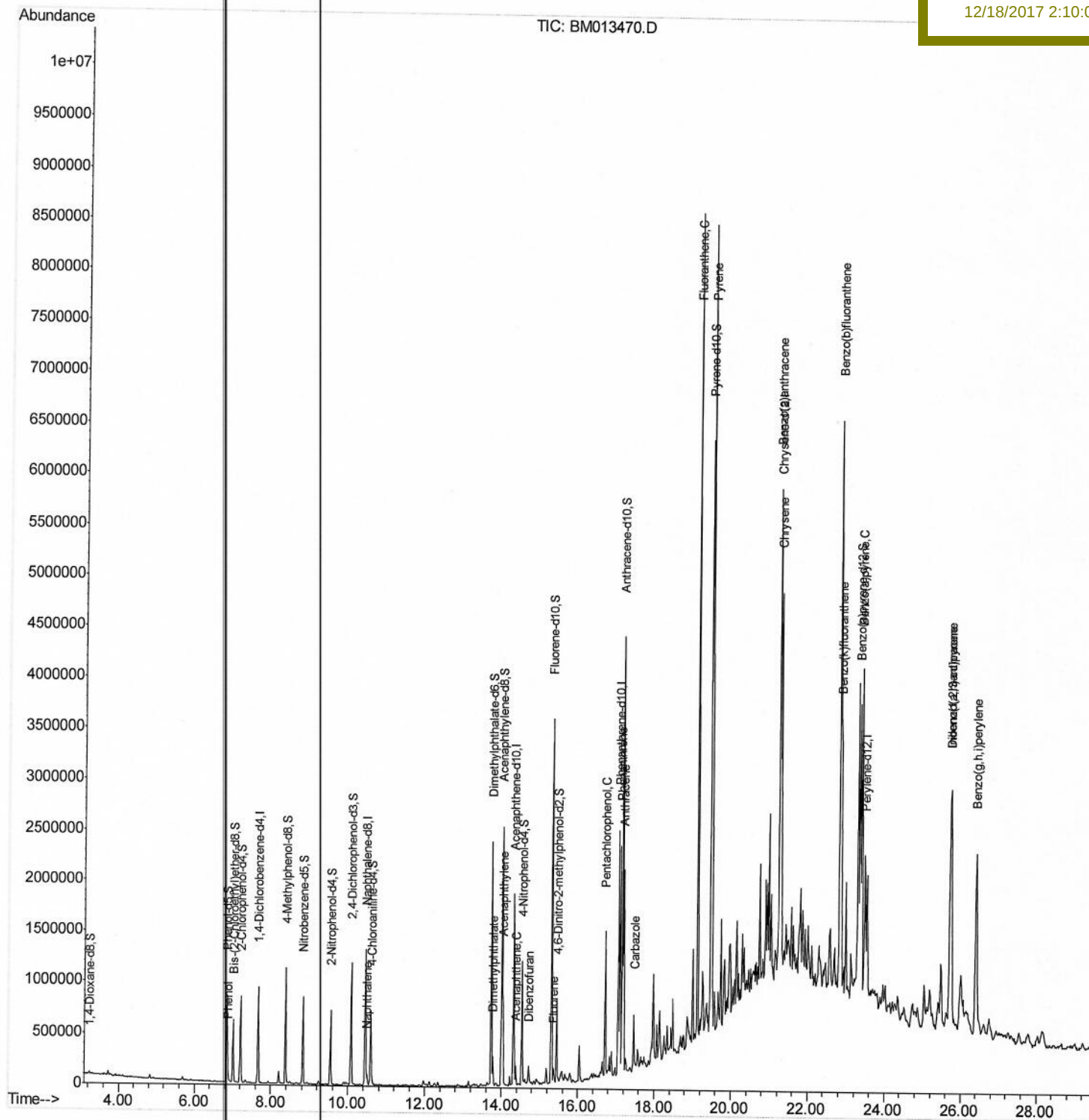
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Quantitation Report (Qedit)

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Acq On : 16 Dec 2017 09:59

Operator : SJ/JU

Sample : I6776-05

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 18 00:29:47 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

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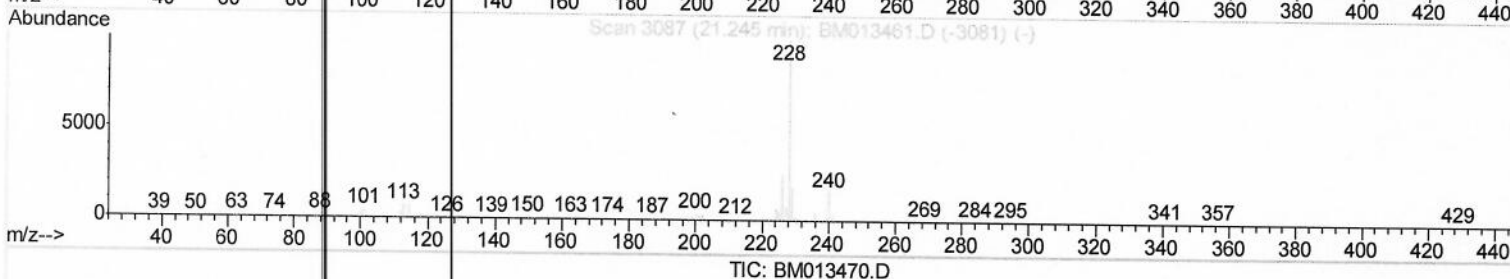
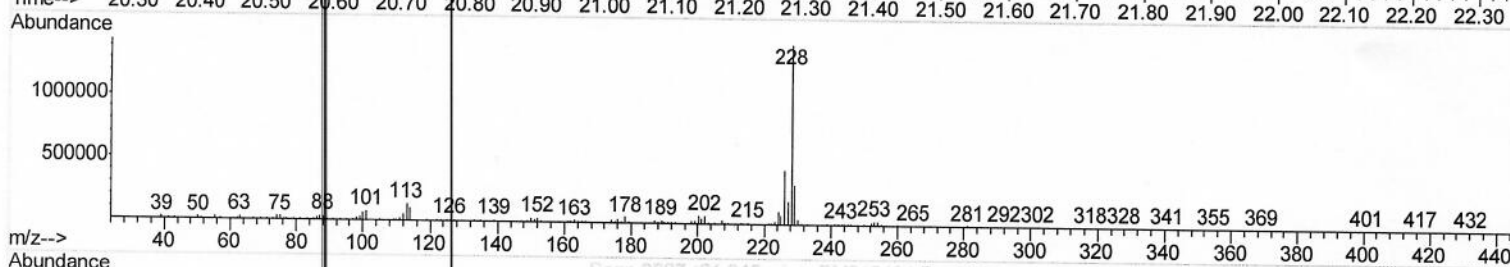
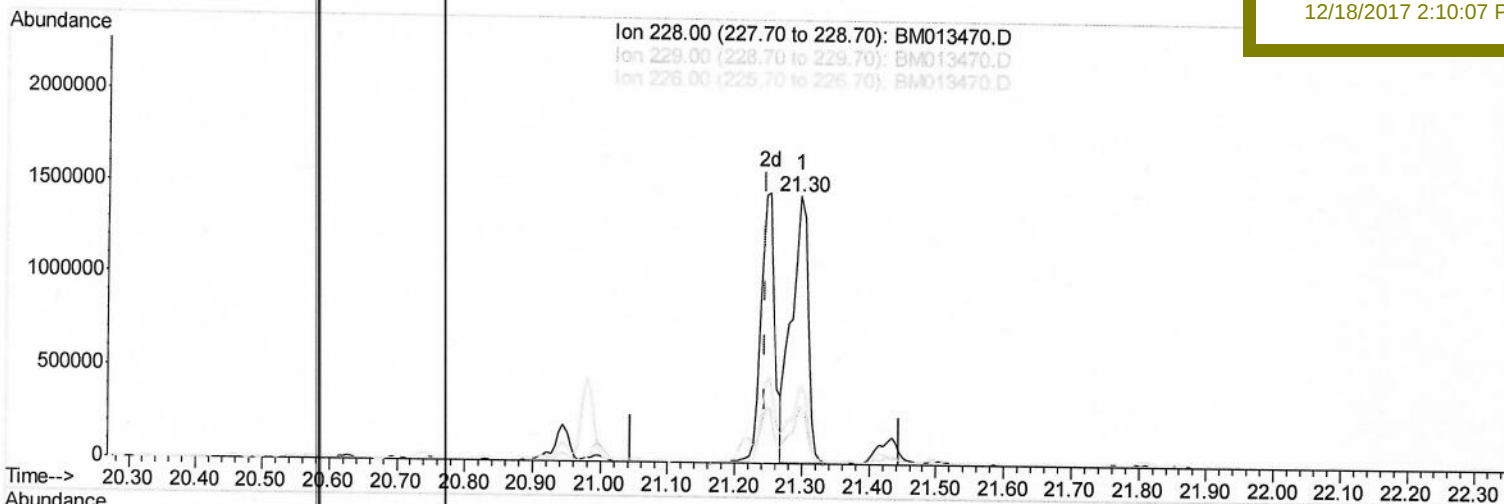
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(80) Benzo(a)anthracene

21.297min (+0.053) 30.77ng/ul

response 2454501

Ion	Exp%	Act%
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228.00	100	100
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229.00	19.20	21.48
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226.00	26.70	29.57
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0.00	0.00	0.00
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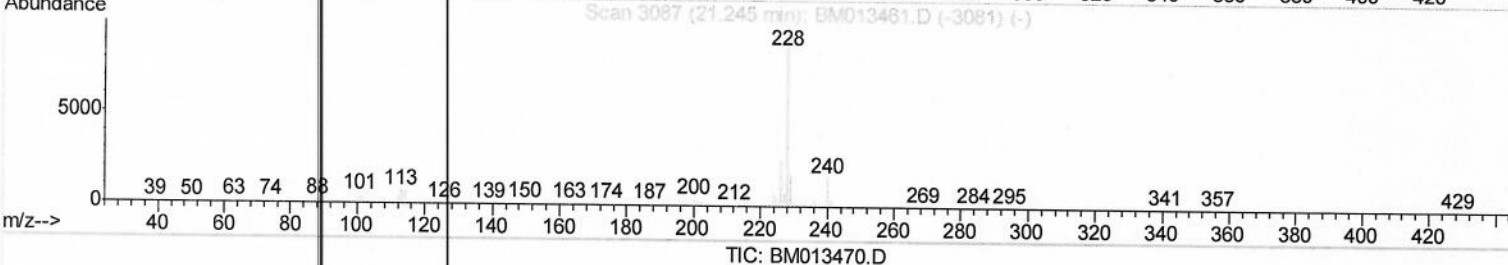
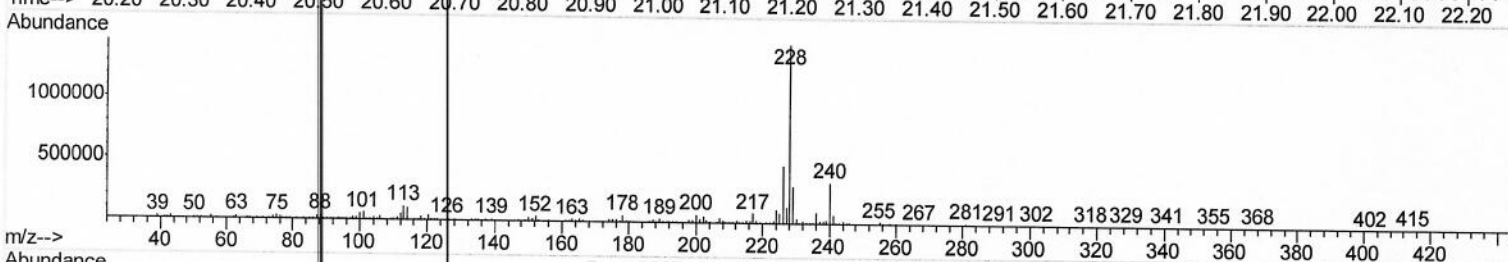
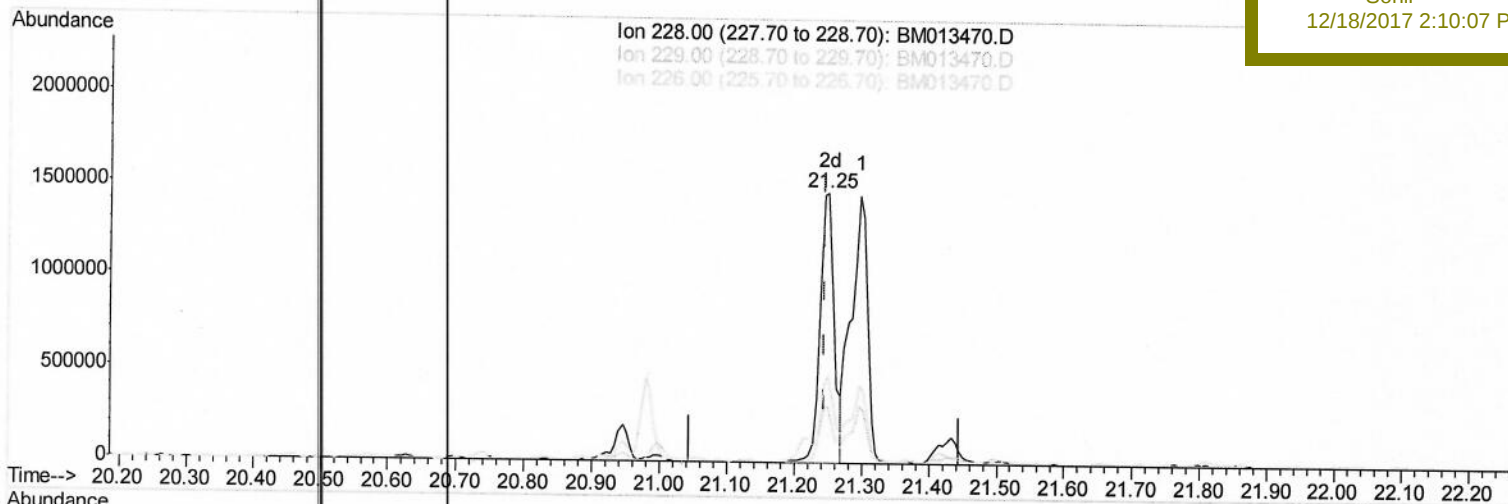
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(80) Benzo(a)anthracene

21.250min (+0.006) 26.88ng/ul m) SJ12125117

response 2144004

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	20.80
226.00	26.70	32.27#
0.00	0.00	0.00

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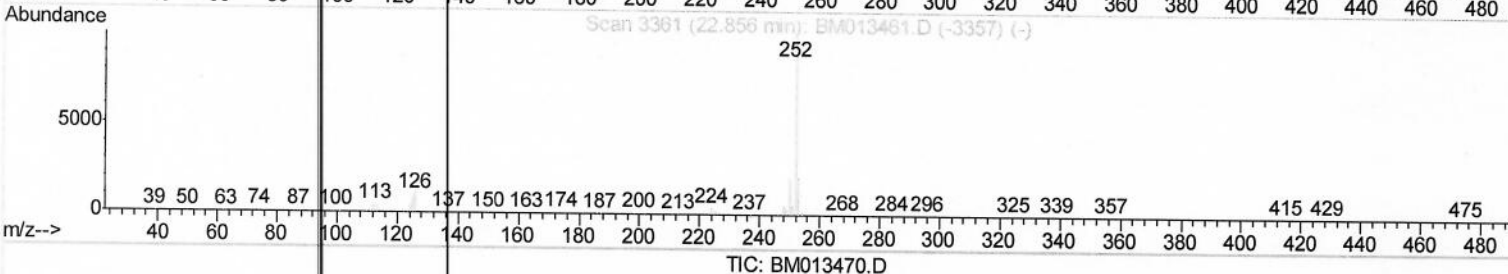
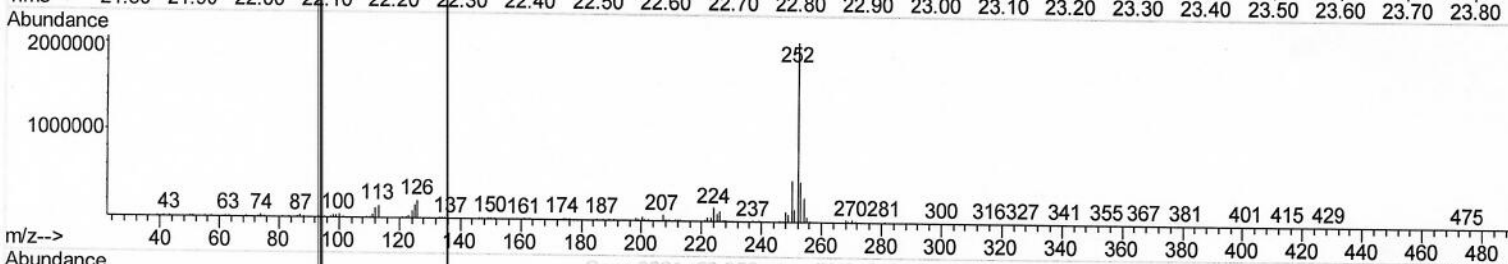
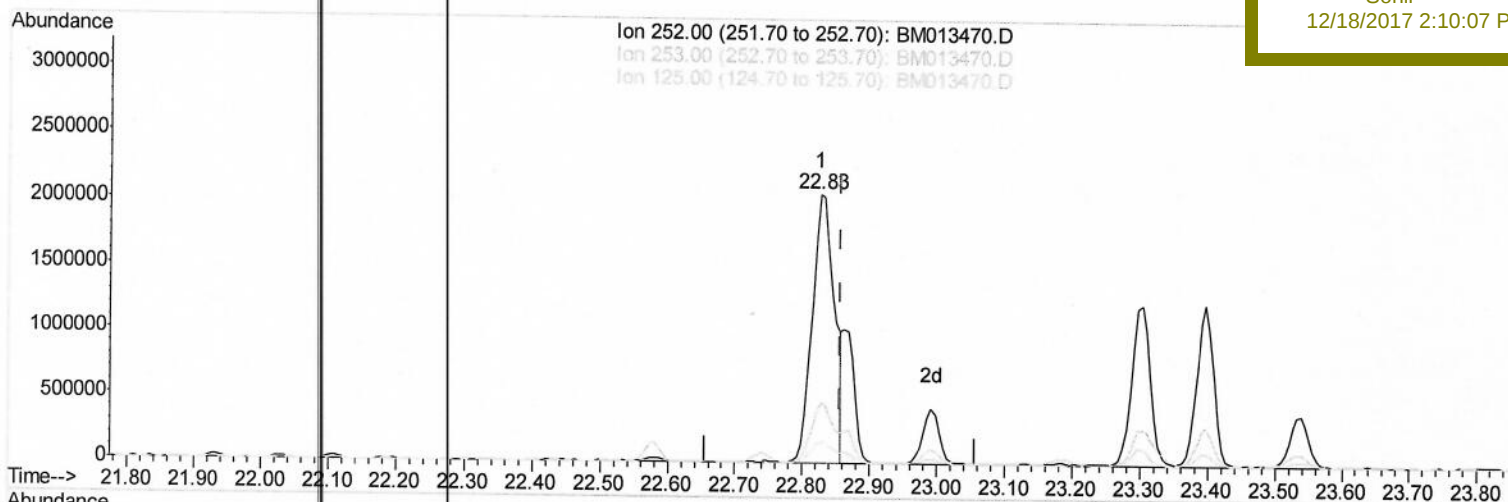
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(86) Benzo(k)fluoranthene

22.827min (-0.030) 71.64ng/ul

response 4735759

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.68
125.00	4.30	7.61#
0.00	0.00	0.00

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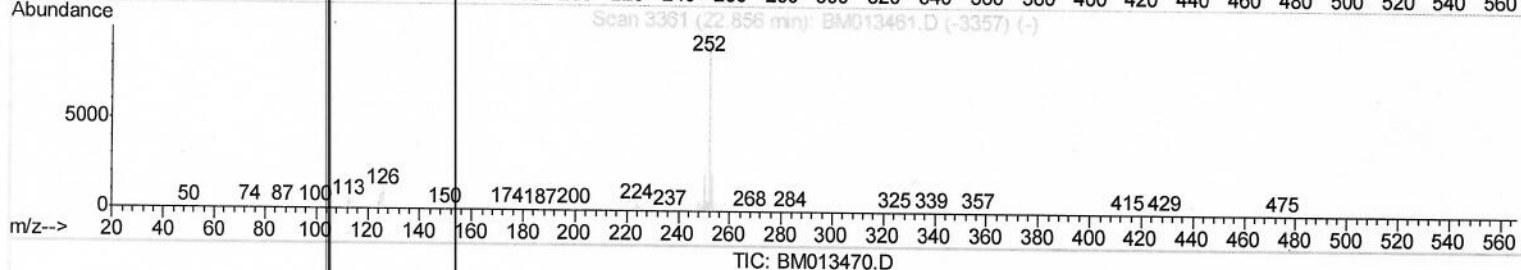
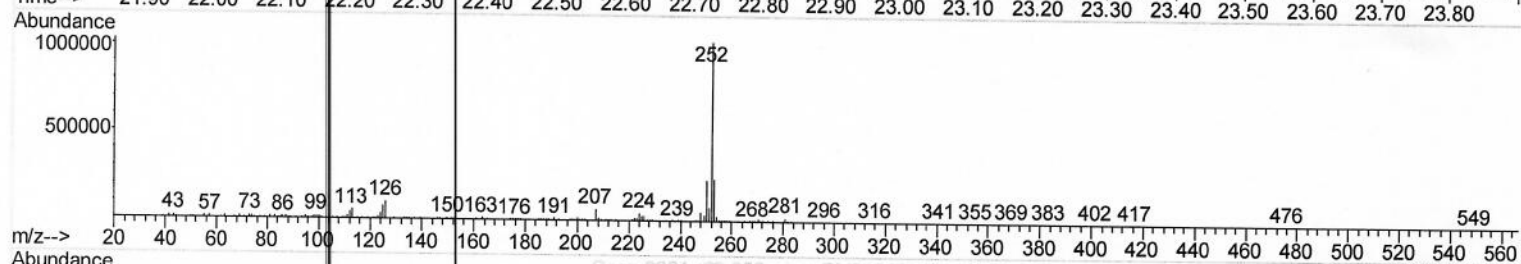
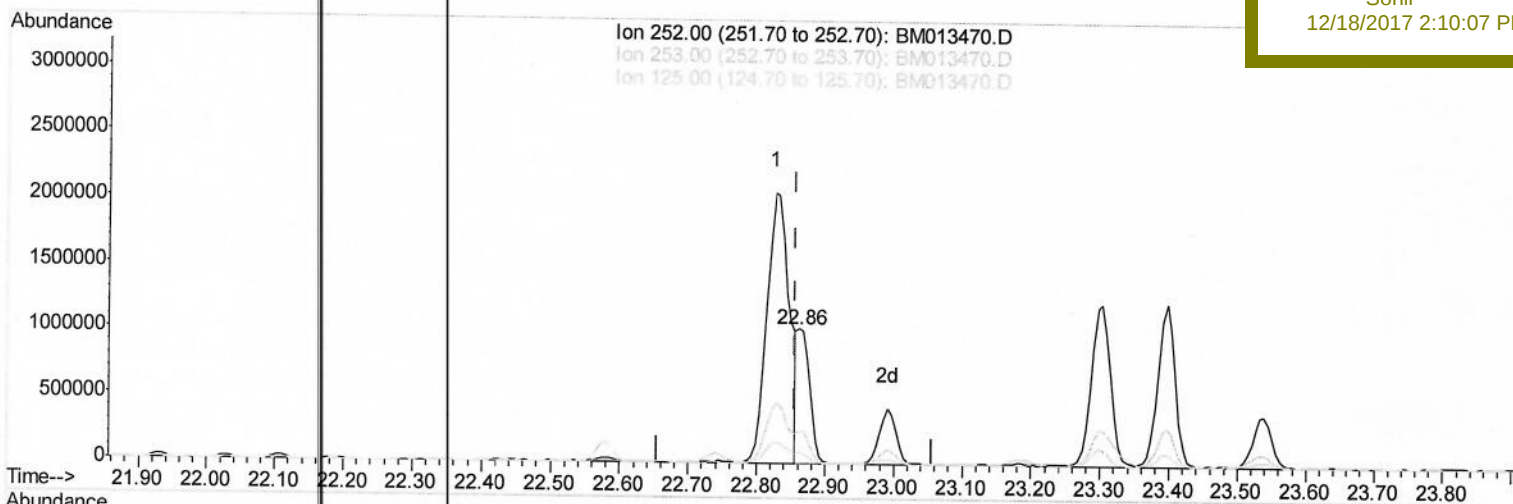
F9A57

Manual Integrations

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12/18/2017 2:10:07 PM



(86) Benzo(k)fluoranthene

22.862min (+0.006) 18.95ng/ul m) SJ 12125117

response 1252914

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.31
125.00	4.30	7.81#
0.00	0.00	0.00