

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013424.D
Acq On : 15 Dec 2017 04:49
Operator : SJ/JU
Sample : I6776-17 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A46

Manual Integrations
APPROVED

Sohil
12/15/2017 6:49:02 PM

Quant Time: Dec 25 01:34:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	258914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1133915	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	650276	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1377882	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1059755	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	872441	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4236	0.81	ng/uL	0.00
5) Phenol-d5	6.86	99	127839	5.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	73150	5.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	105895	6.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	111477	5.83	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	54986	6.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	57920	6.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	113179	5.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	64952	3.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	363411	6.28	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	456347	6.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	46691	4.64	ng/ul	0.00
57) Fluorene-d10	15.32	176	305580	6.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	39227	4.53	ng/ul	0.00
70) Anthracene-d10	17.16	188	451847	6.55	ng/ul	0.00
76) Pyrene-d10	19.47	212	452042	8.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	281652	6.34	ng/ul	0.01
Target Compounds						
47) Acenaphthylene	14.04	152	516514	7.816	ng/ul	97
69) Phenanthrene	17.11	178	116562	1.489	ng/ul	100
71) Anthracene	17.20	178	577614	7.219	ng/ul	98
74) Fluoranthene	19.13	202	3420696	35.658	ng/ul#	93
77) Pyrene	19.50	202	11929981	185.297	ng/ul#	86
80) Benzo(a)anthracene	21.25	228	2194726	32.641	ng/ul	94
82) Chrysene	21.30	228	7271163	116.561	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	9182206	156.127	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	2475127m)	44.721	ng/ul	95
88) Benzo(a)pyrene	23.40	252	3252173	61.558	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.72	276	1819010	34.700	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	486750	10.905	ng/ul#	92
91) Benzo(g,h,i)perylene	26.41	276	1382465	33.434	ng/ul#	95

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

SS 12/25/17

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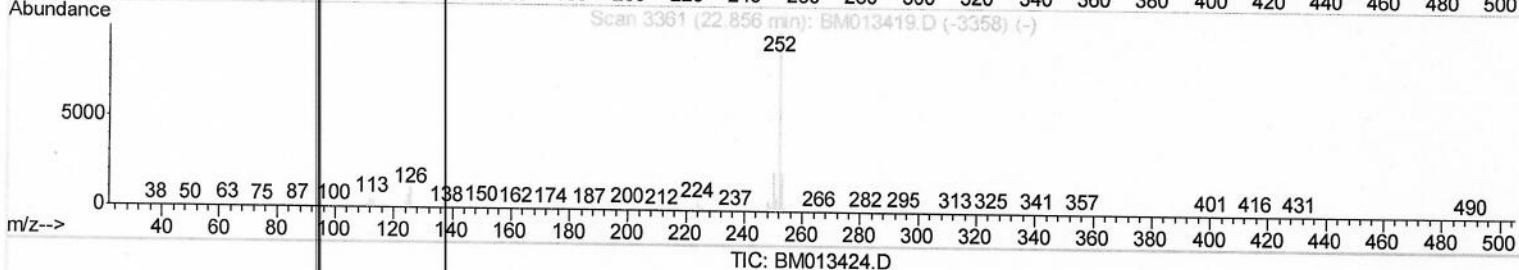
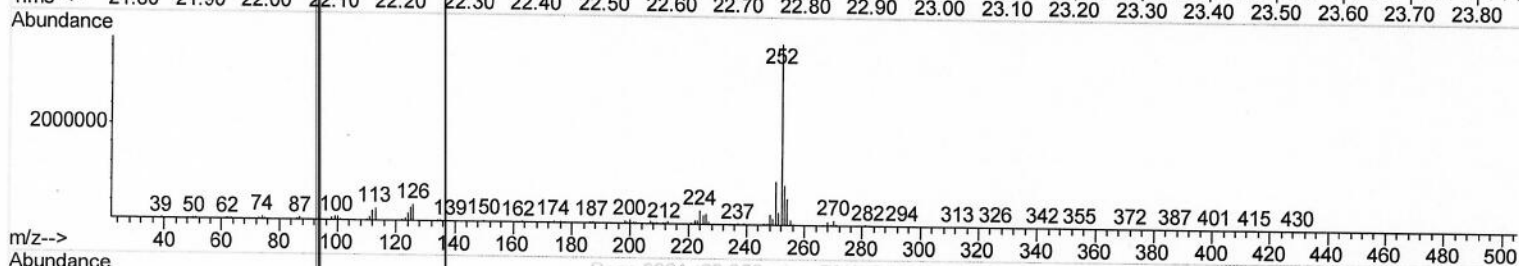
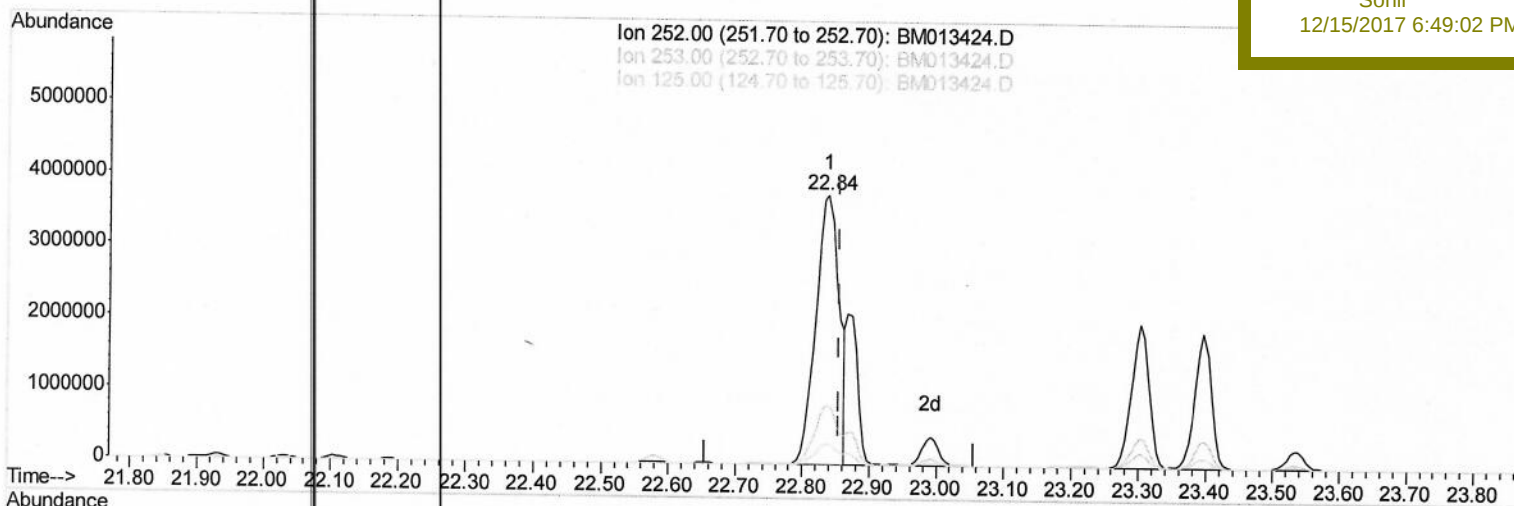
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(86) Benzo(k)fluoranthene

22.839min (-0.018) 165.90ng/ul

response 9182206

Ion	Exp%	Ac%
252.00	100	100
253.00	21.40	22.21
125.00	4.30	7.78#
0.00	0.00	0.00

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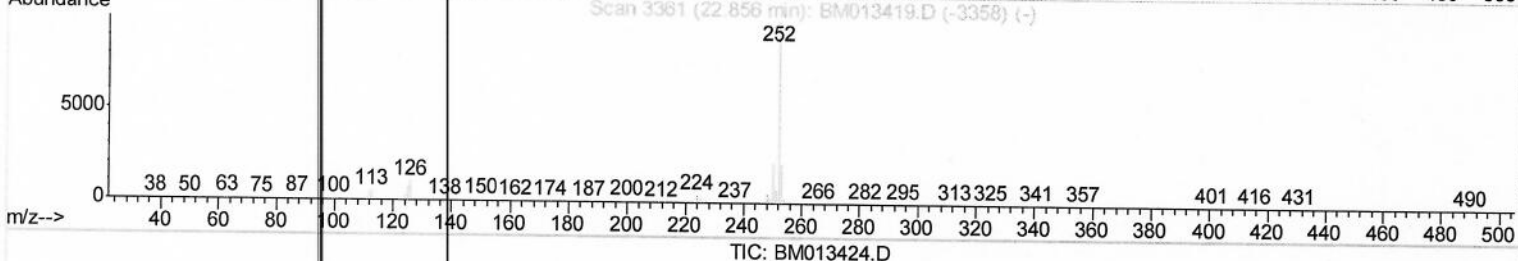
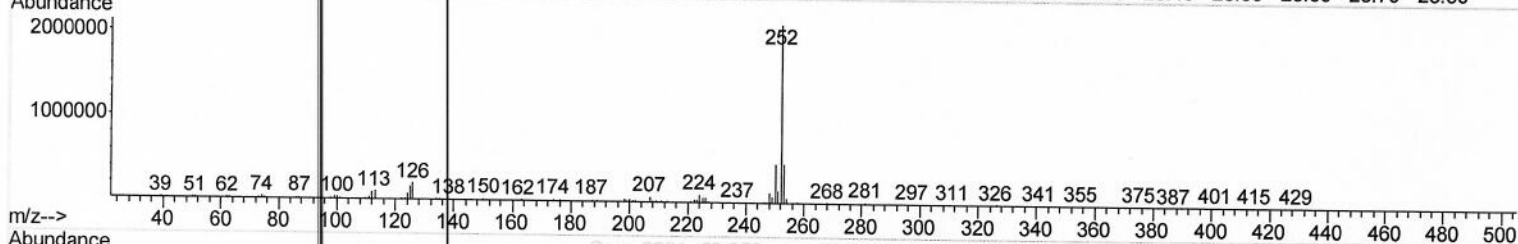
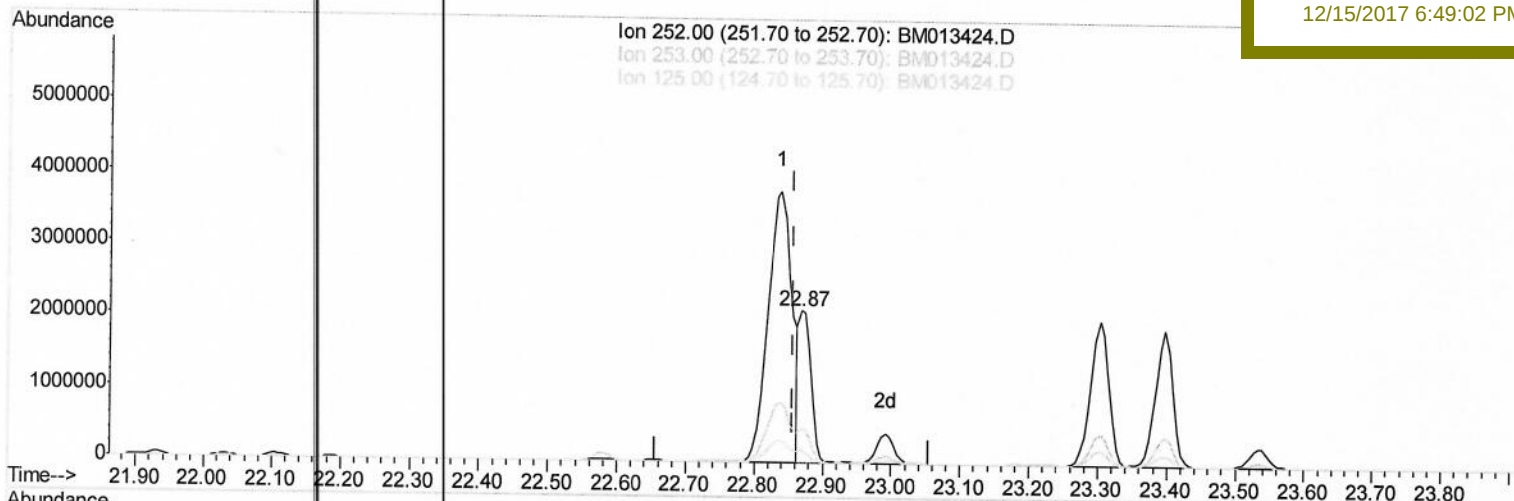
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(86) Benzo(k)fluoranthene

22.868min (+0.012) 44.72ng/ul m) SJ 12/25/17

response 2475127

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.84
125.00	4.30	7.81#
0.00	0.00	0.00

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