

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 23 09:09:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

Instrument :

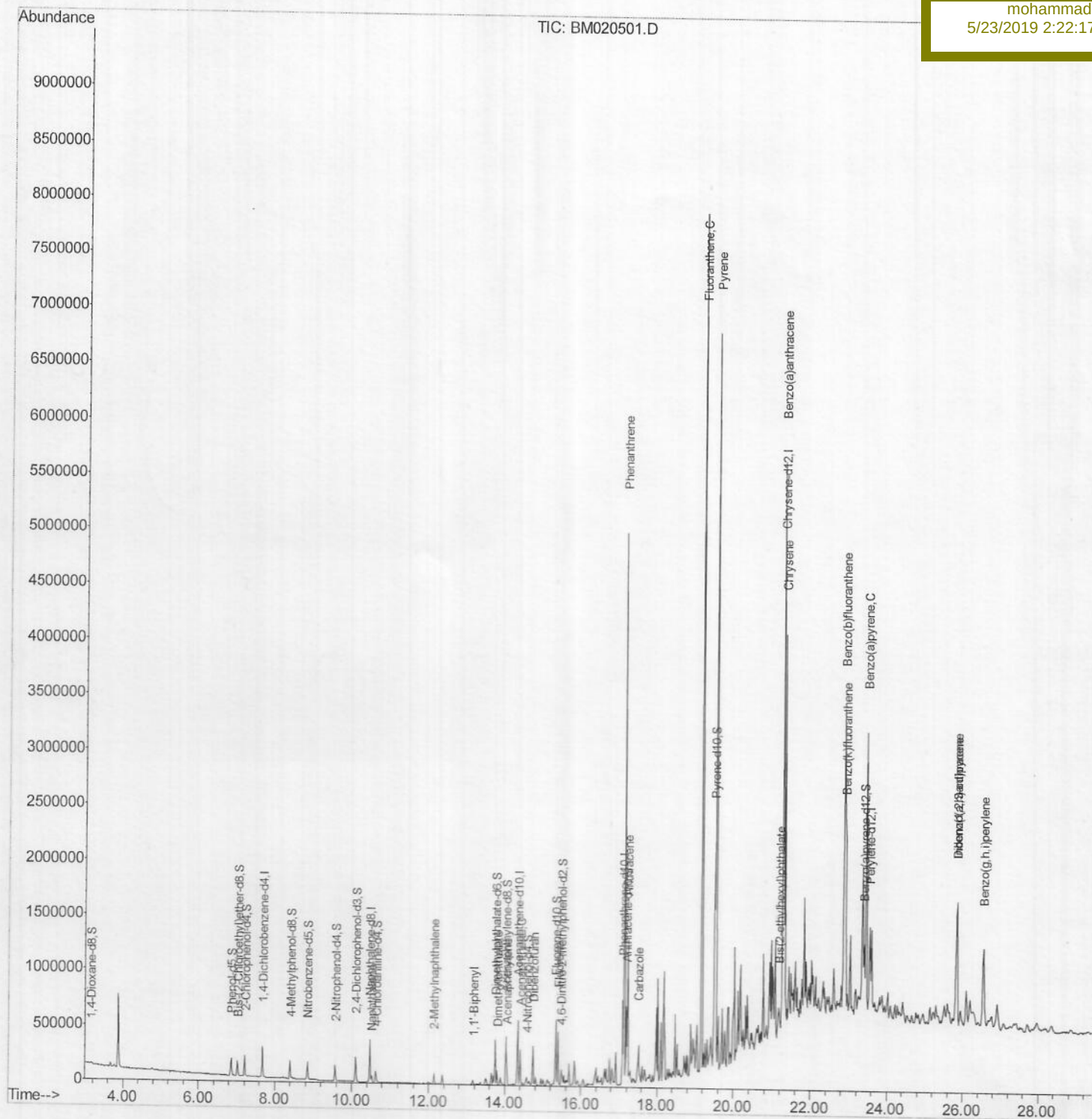
BNA_M

Client Sampled :

A4297

Manual Integrations
APPROVED

mohammad
5/23/2019 2:22:17 PM



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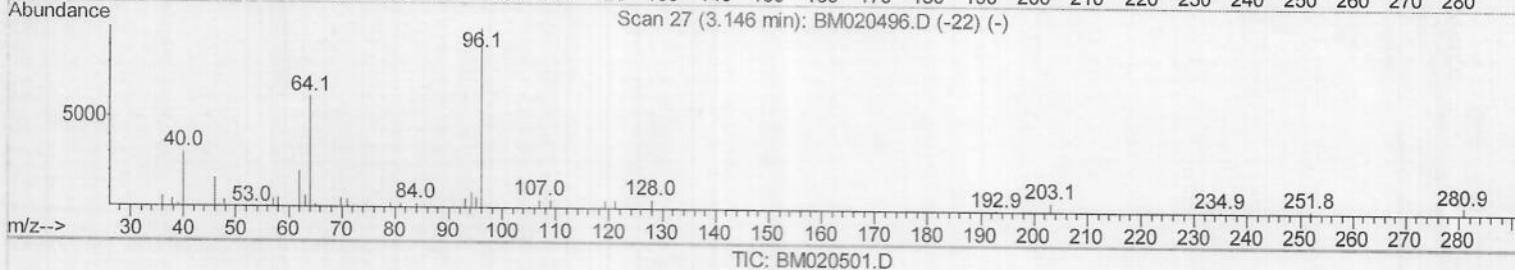
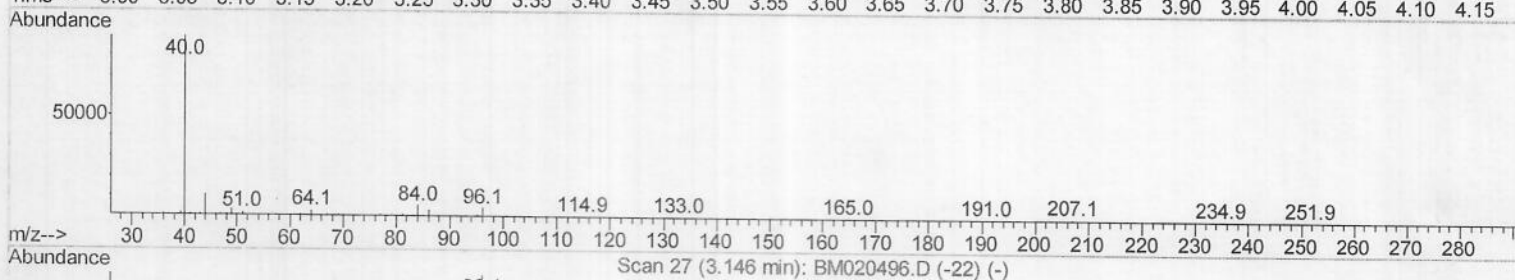
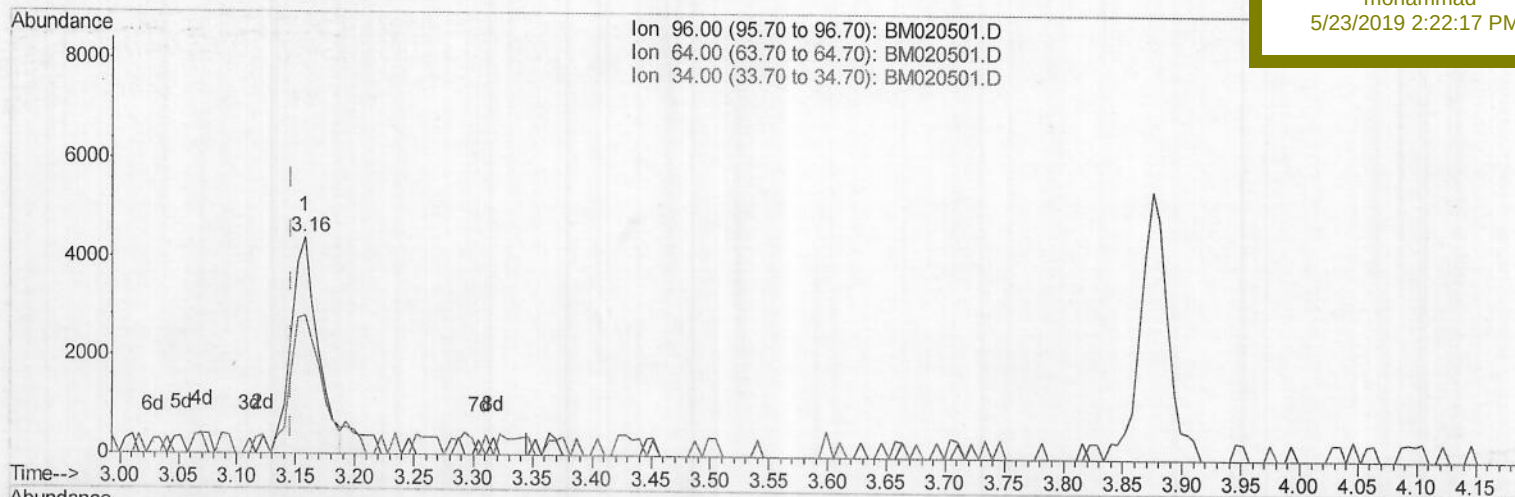
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(3) 1,4-Dioxane-d8 (S)

3.158min (+0.012) 3.29ng/uL

response 6843

Ion	Exp%	Act%
96.00	100	100
64.00	70.20	63.22
34.00	0.00	0.00
0.00	0.00	0.00

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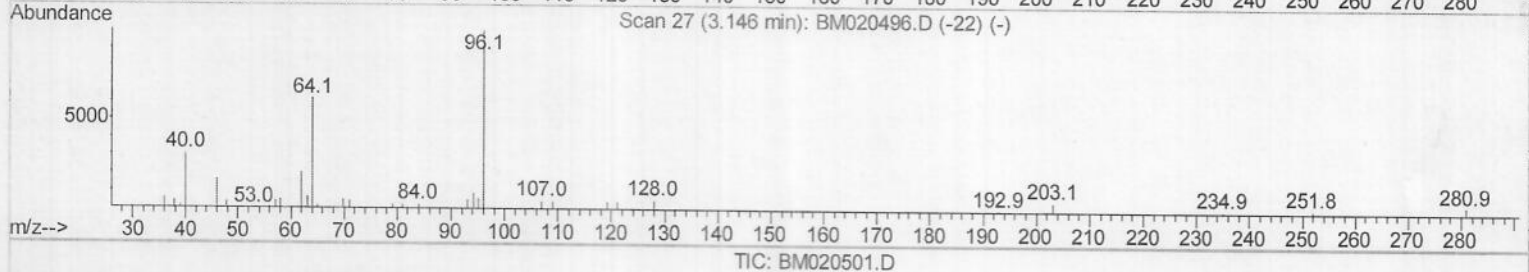
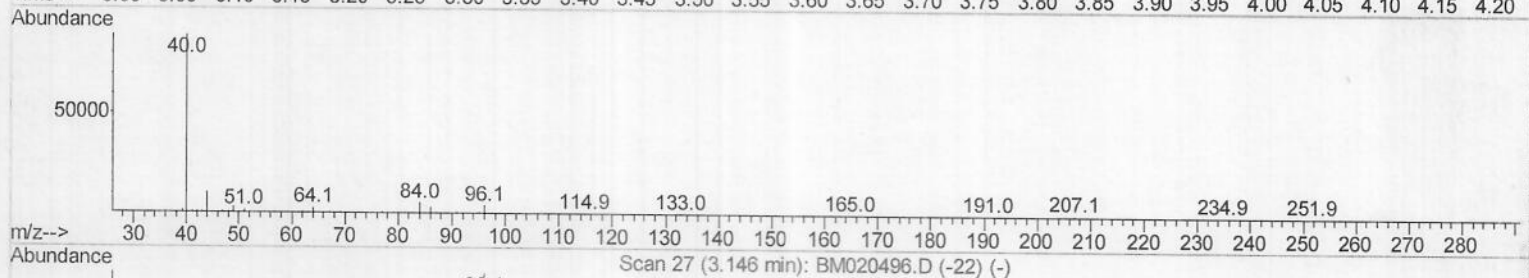
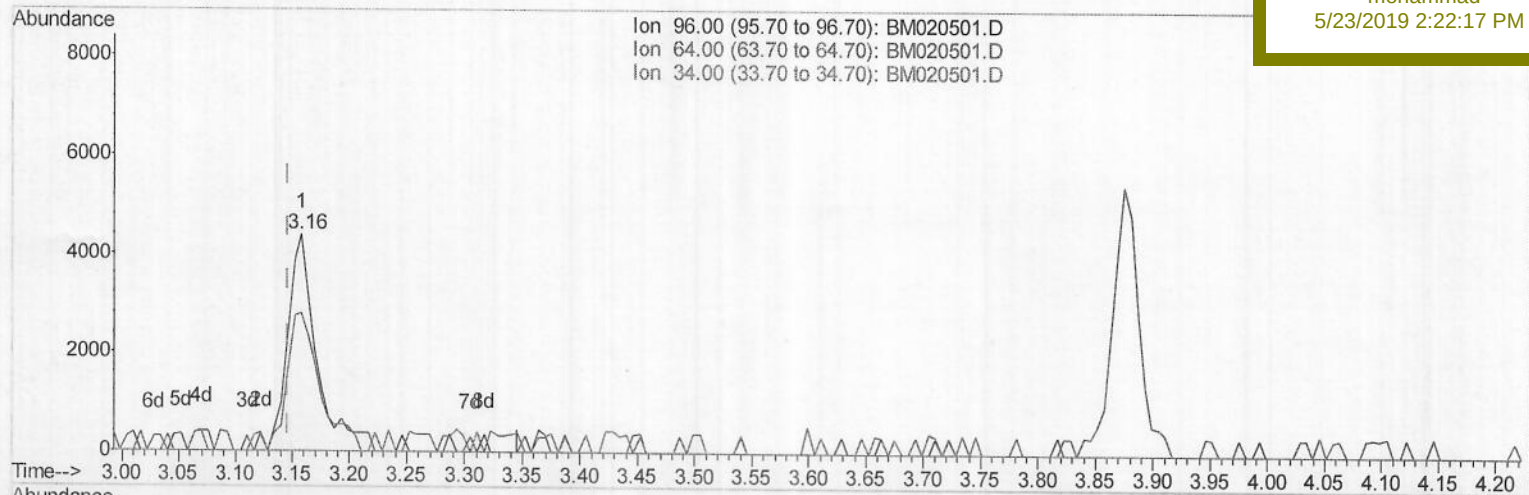
Client Sampled :

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

3.158min (+0.012) 3.66ng/uL m

response 7609

Ion	Exp%	Act%
96.00	100	100
64.00	70.20	63.22
34.00	0.00	0.00
0.00	0.00	0.00

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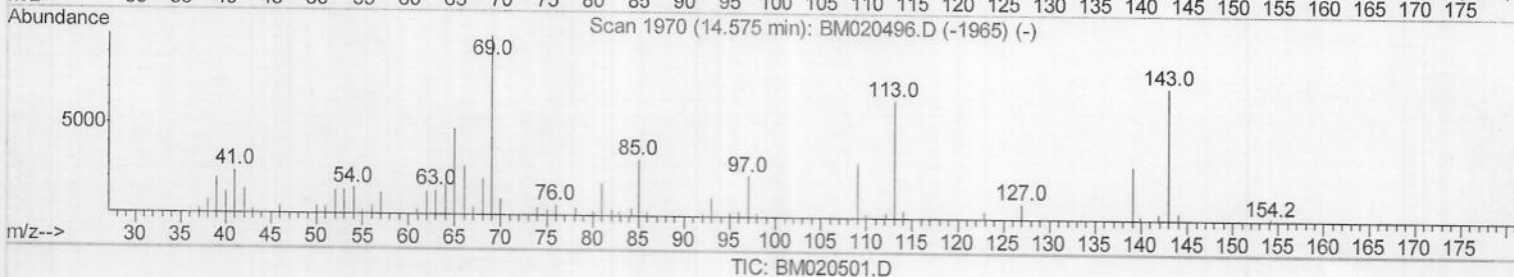
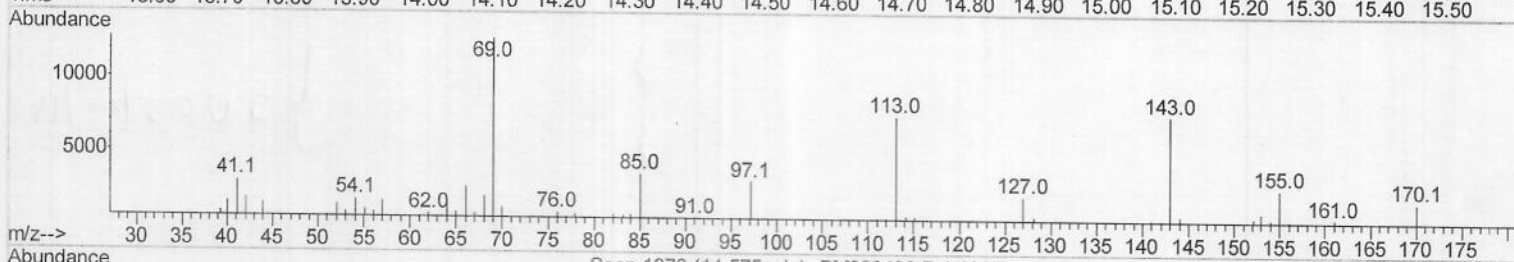
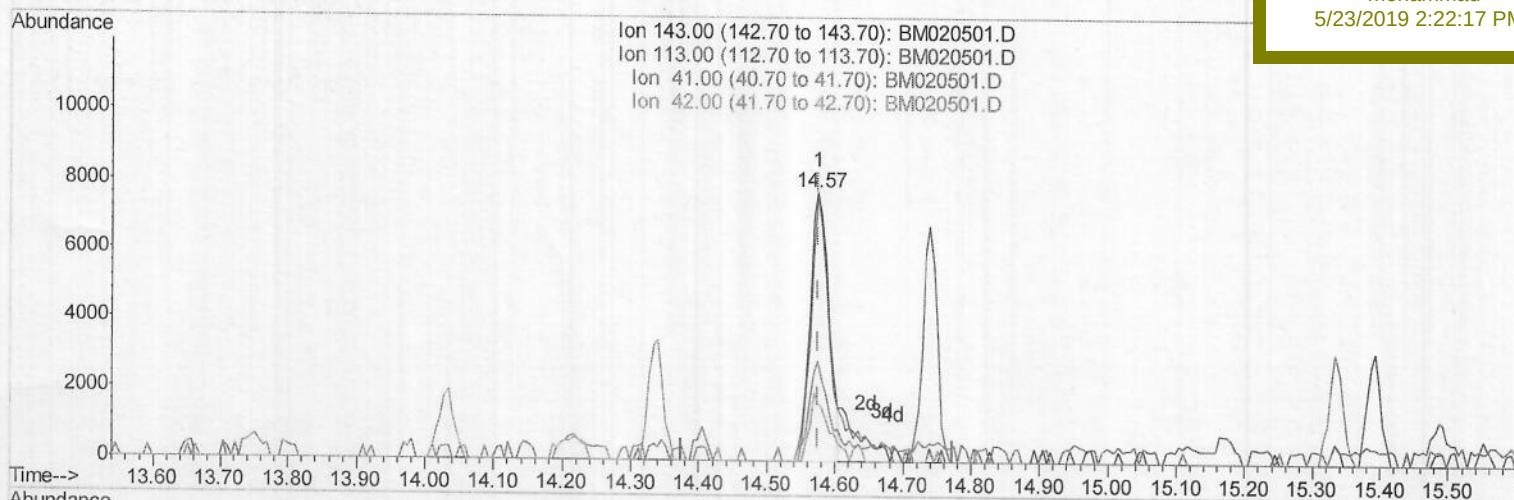
Response via : Initial Calibration

Instrument :

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5/23/2019 2:22:17 PM

(51) 4-Nitrophenol-d4 (S)

14.575min (-0.000) 7.76ng/ul

response 14951

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	98.14
41.00	31.70	36.90
42.00	21.50	21.56

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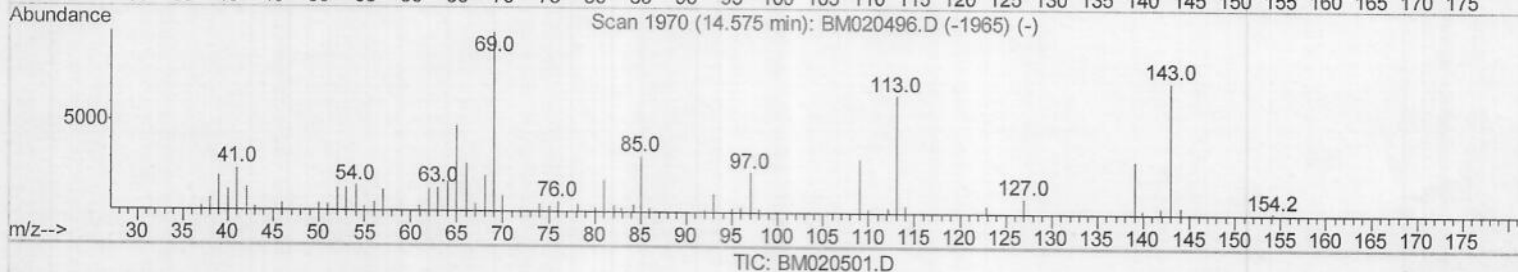
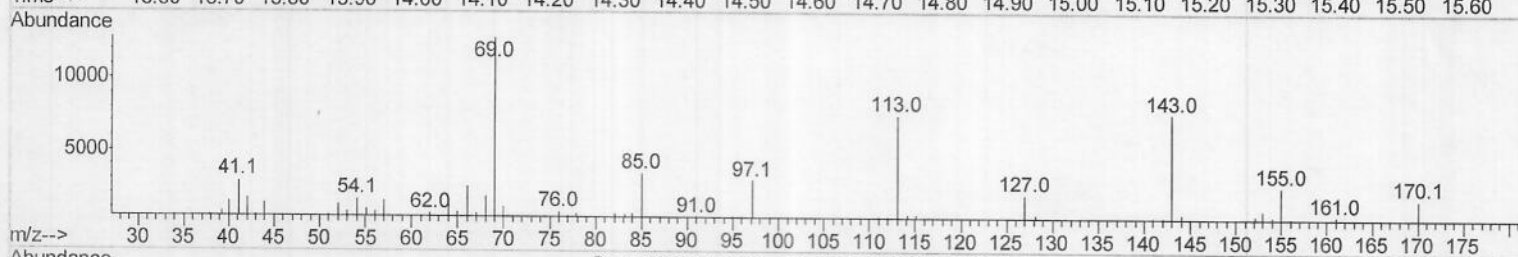
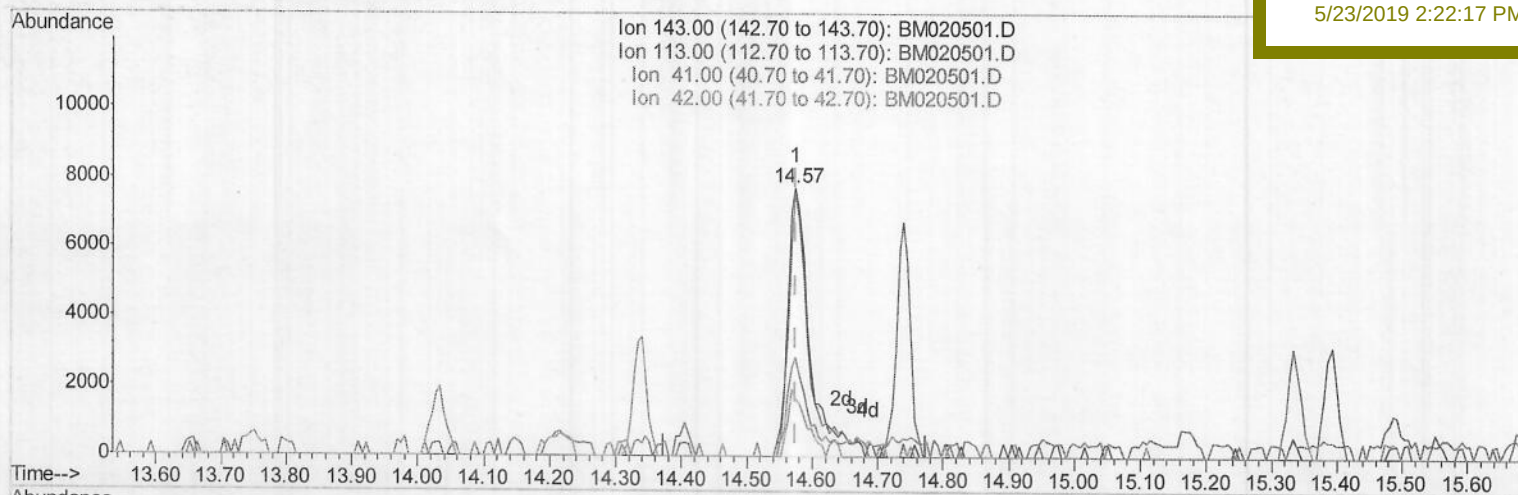
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

A4297

Manual Integrations
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(51) 4-Nitrophenol-d4 (S)

14.575min (-0.000) 9.37ng/ul m

JU 06/05/19

response 18059

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	98.14
41.00	31.70	36.90
42.00	21.50	21.56

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Sample : K2925-12

Misc :

ALS Vial : 7 Sample Multiplier: 1

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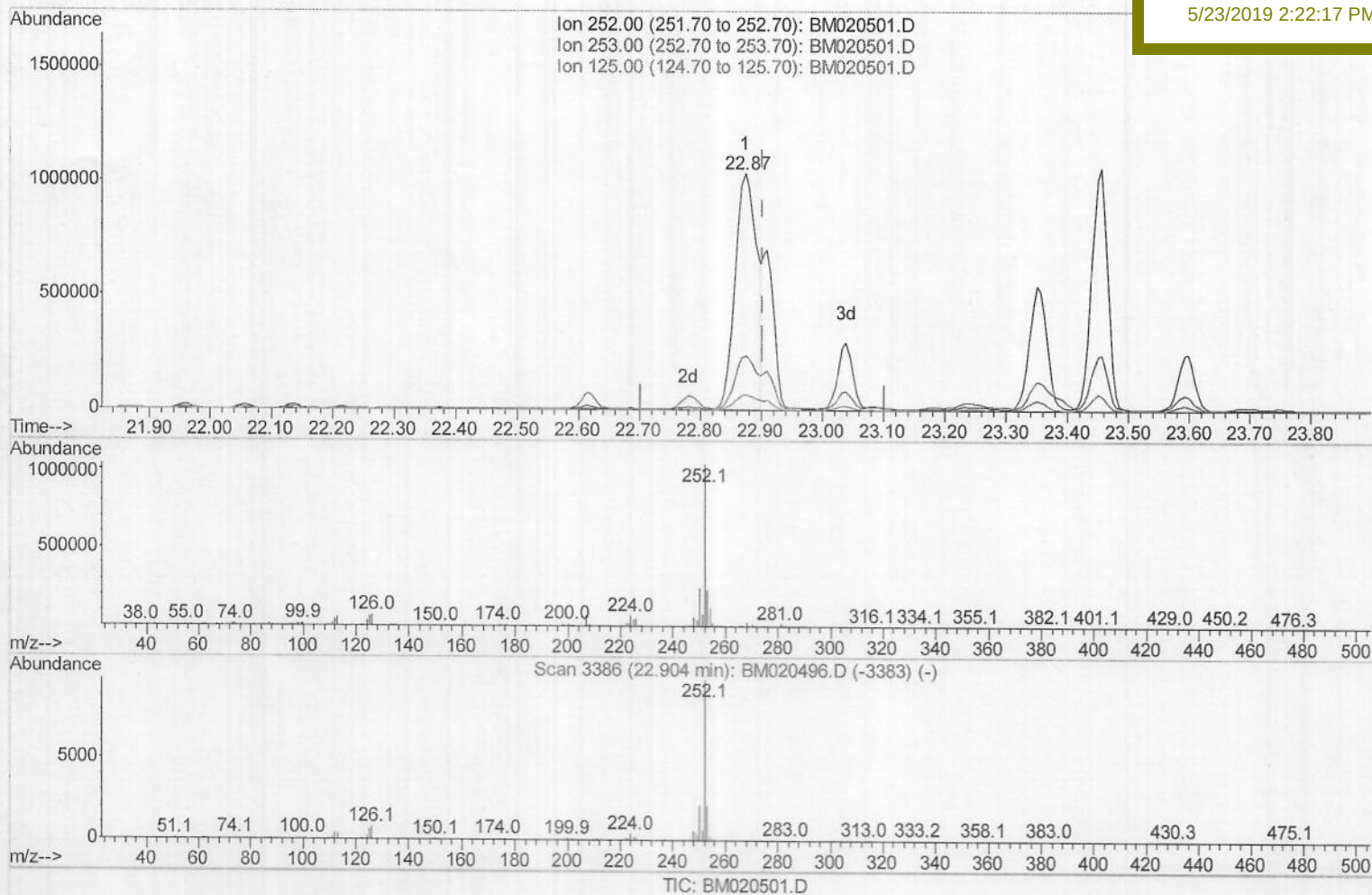
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

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Manual Integrations
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(88) Benzo(k)fluoranthene

22.874min (-0.030) 74.28ng/ul

response 2512171

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.99
125.00	6.30	6.54
0.00	0.00	0.00

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Misc :

ALS Vial : 7 Sample Multiplier: 1

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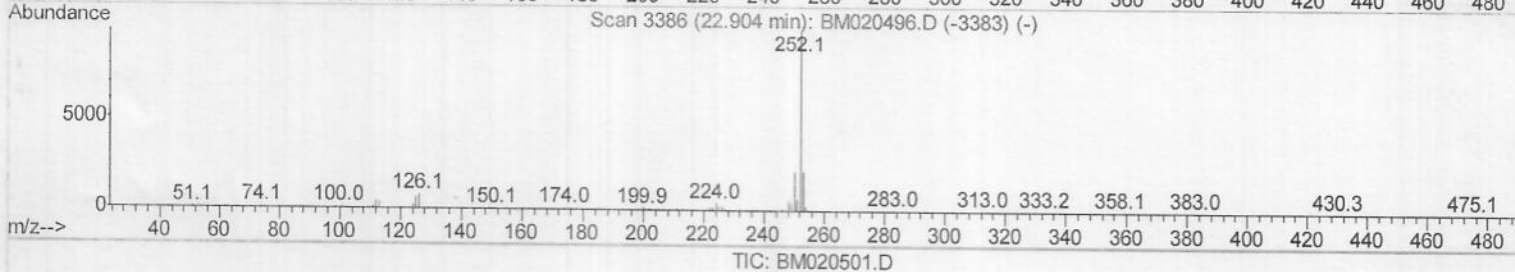
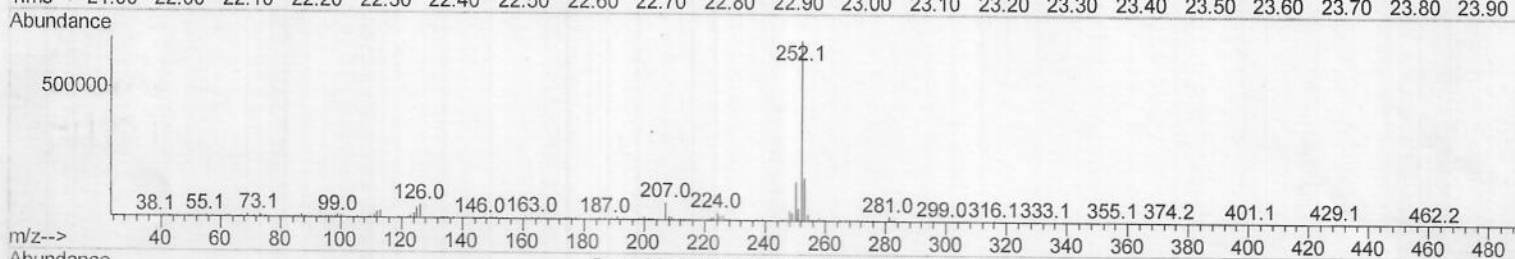
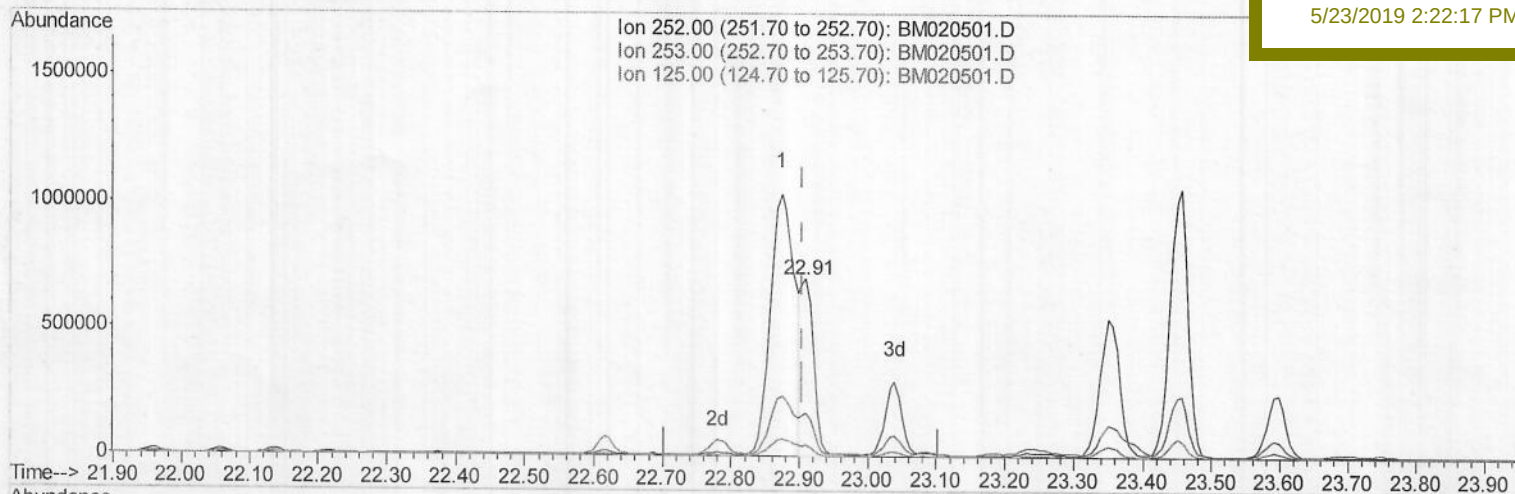
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

A4297

Manual Integrations
APPROVEDmohammad
5/23/2019 2:22:17 PM

(88) Benzo(k)fluoranthene

22.909min (+0.006) 27.00ng/ul m

JU 06/05/19

response 912998

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.86
125.00	6.30	5.93
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	76825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	296912	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	184419	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	451946	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	506949	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	603306	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	7609m)	3.66	ng/uL	0.01
5) Phenol-d5	6.86	99	97643	15.93	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.02	67	64337	16.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	78895	17.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	63369	14.20	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	35866	18.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	41325	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	82174	18.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	55795	11.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	249186	18.78	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	296937	17.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	18059m)	9.37	ng/ul	0.00
57) Fluorene-d10	15.33	176	218924	18.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	19970	7.76	ng/ul	0.00
70) Anthracene-d10	17.19	188	345817	17.84	ng/ul	0.00
78) Pyrene-d10	19.50	212	412656	16.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	461942	16.85	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.52	128	44267	3.245	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	42627	4.316	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	21046	1.594	ng/ul	99
44) Dimethylphthalate	13.80	163	70172	5.346	ng/ul	99
47) Acenaphthylene	14.06	152	80806	5.163	ng/ul#	96
49) Acenaphthene	14.40	153	120906	11.237	ng/ul	100
53) Dibenzofuran	14.74	168	184985	11.353	ng/ul	97
58) Fluorene	15.39	166	196001	15.016	ng/ul	99
69) Phenanthrene	17.14	178	2942332	136.636	ng/ul	99
71) Anthracene	17.23	178	777800	35.508	ng/ul	99
74) Carbazole	17.50	167	195872	10.535	ng/ul	97
76) Fluoranthene	19.17	202	4851400	178.348	ng/ul	98
79) Pyrene	19.53	202	4109935	135.070	ng/ul	100
82) Benzo(a)anthracene	21.28	228	2528232	82.860	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.19	149	23568	1.702	ng/ul#	97
84) Chrysene	21.33	228	1983707	68.030	ng/ul	95
87) Benzo(b)fluoranthene	22.87	252	2512171	72.960	ng/ul	97
88) Benzo(k)fluoranthene	22.91	252	912998m)	26.995	ng/ul	
90) Benzo(a)pyrene	23.46	252	1919437	59.235	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.84	276	1152850	31.223	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.84	278	346527	10.975	ng/ul#	87
93) Benzo(g,h,i)perylene	26.54	276	881126	28.829	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed