

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020426.D

Acq On : 20 May 2019 11:41

Operator : JU/SJ

Sample : K2633-19DL2 30X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 21 03:49:27 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

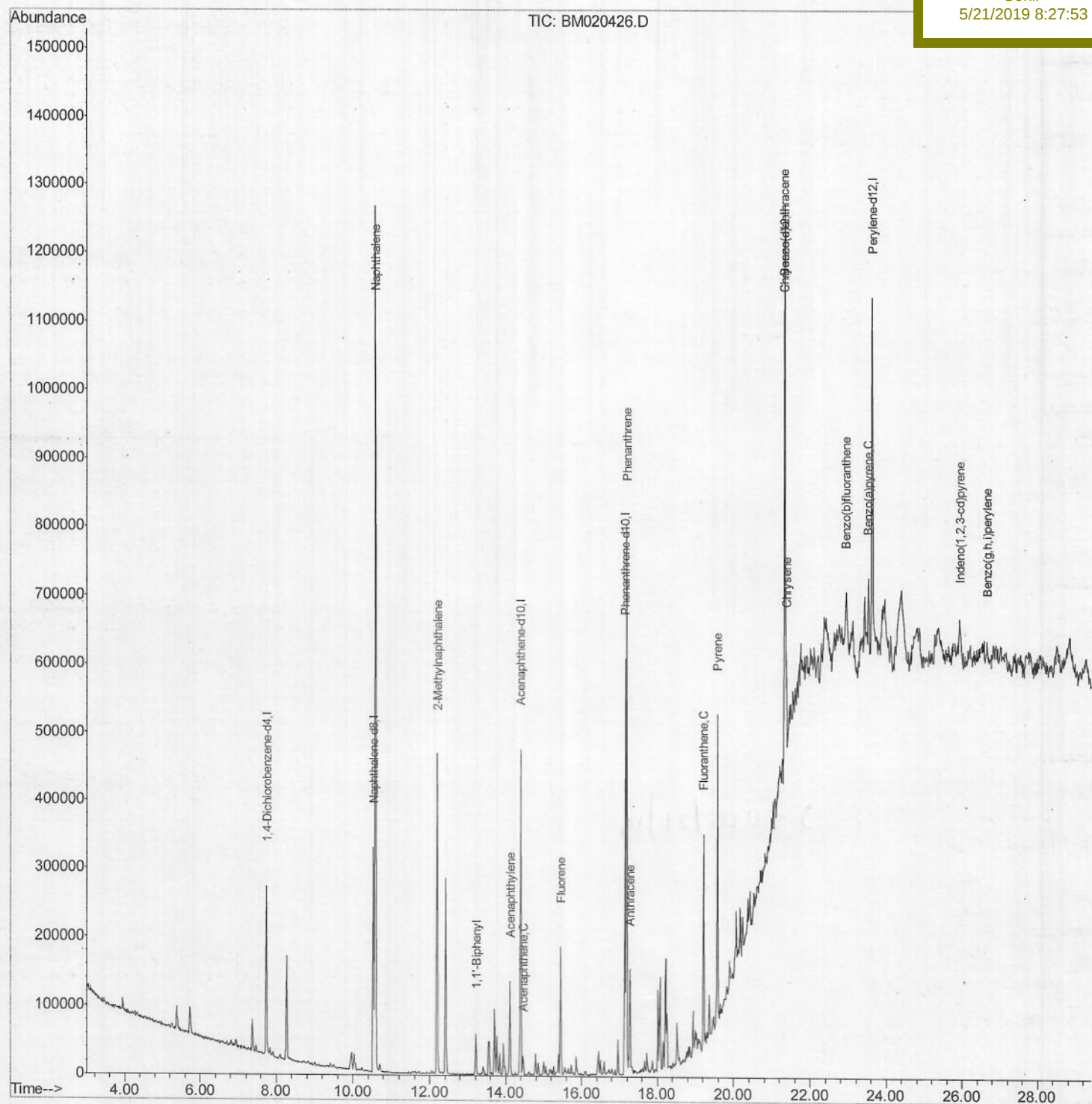
GAJB1DL2

Manual Integrations

APPROVED

Sohil

5/21/2019 8:27:53 AM



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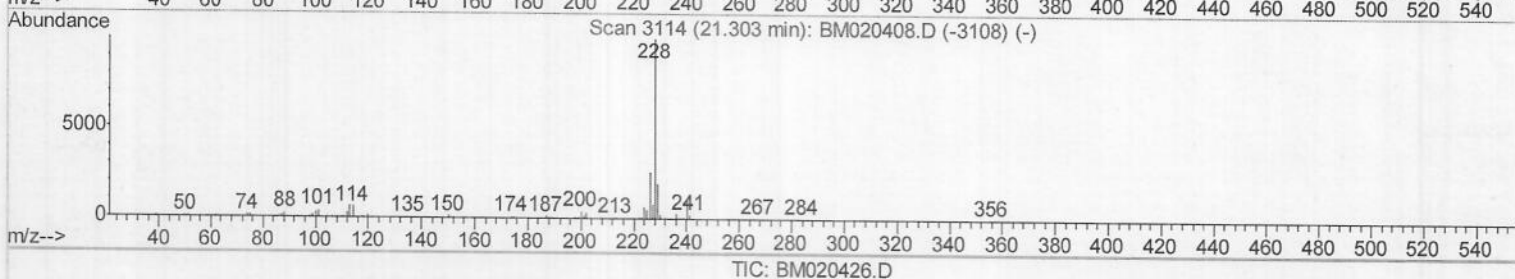
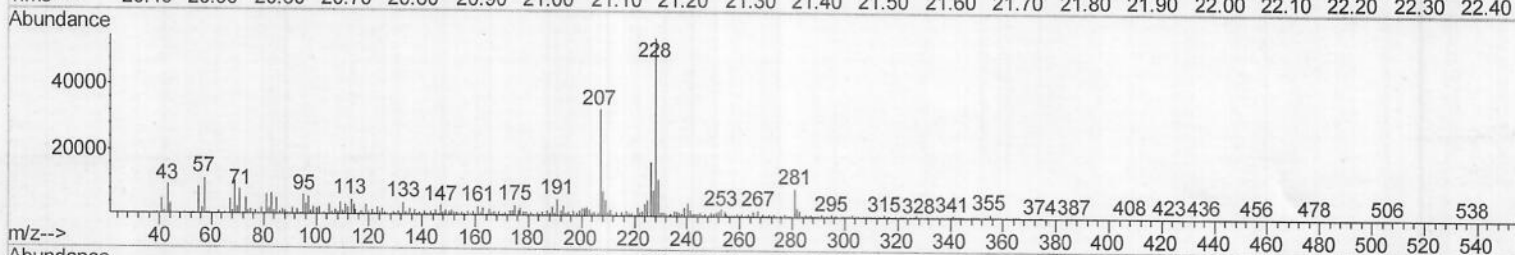
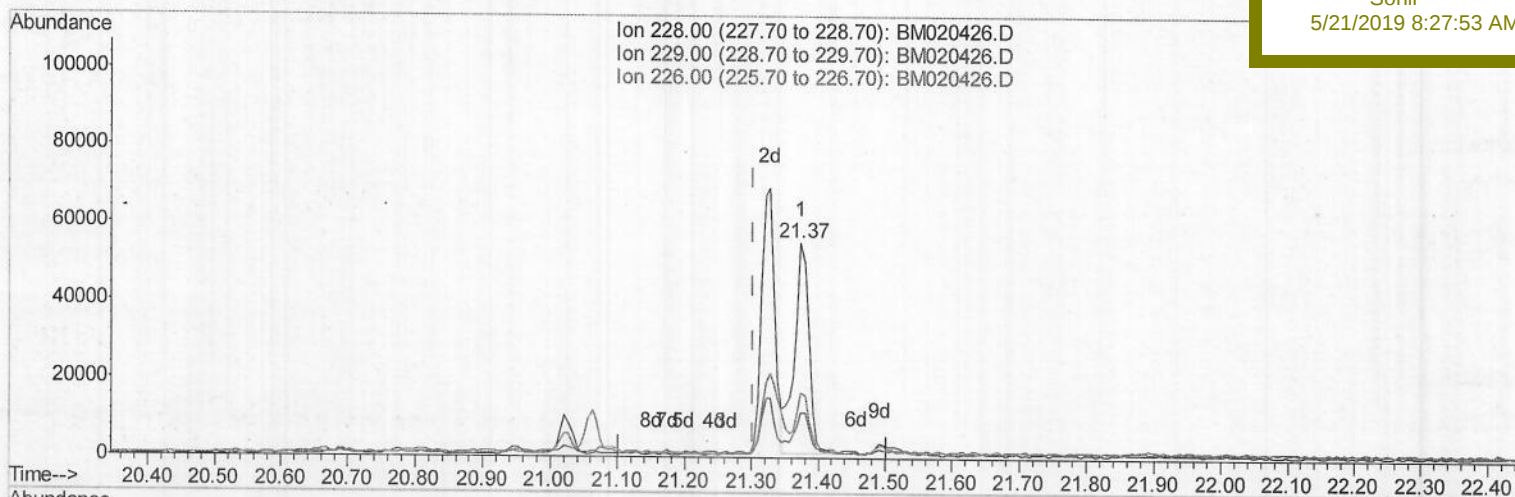
GAJB1DL2

Manual Integrations

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Sohil

5/21/2019 8:27:53 AM



(82) Benzo(a)anthracene

21.374min (+0.071) 3.78ng/ul

response 80811

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.95
226.00	25.70	30.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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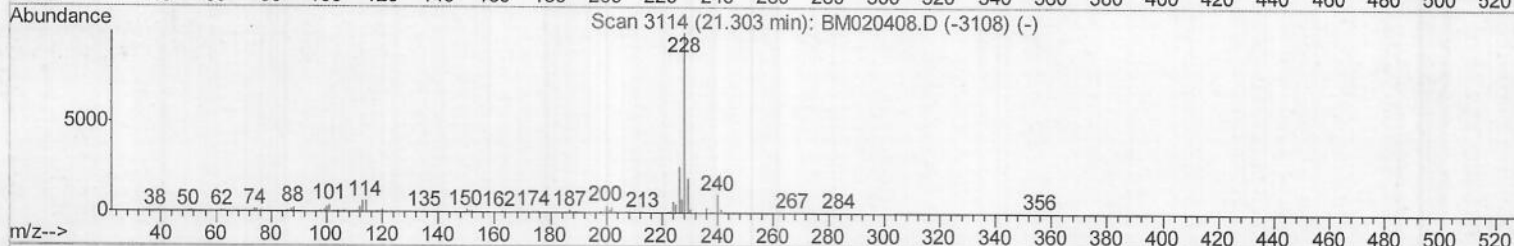
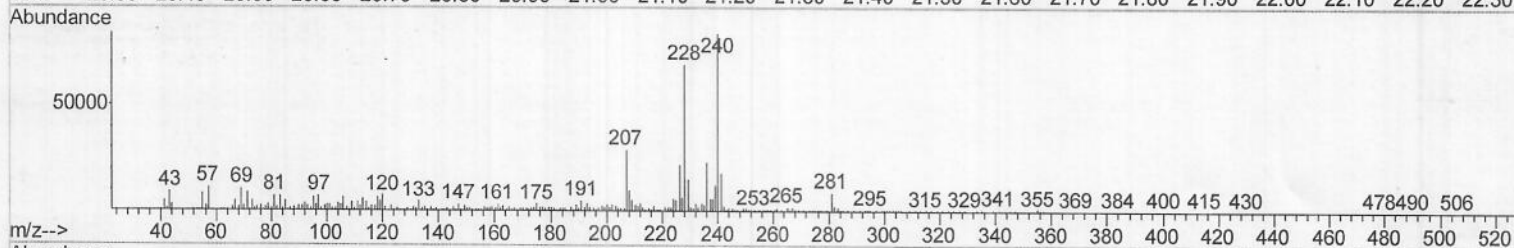
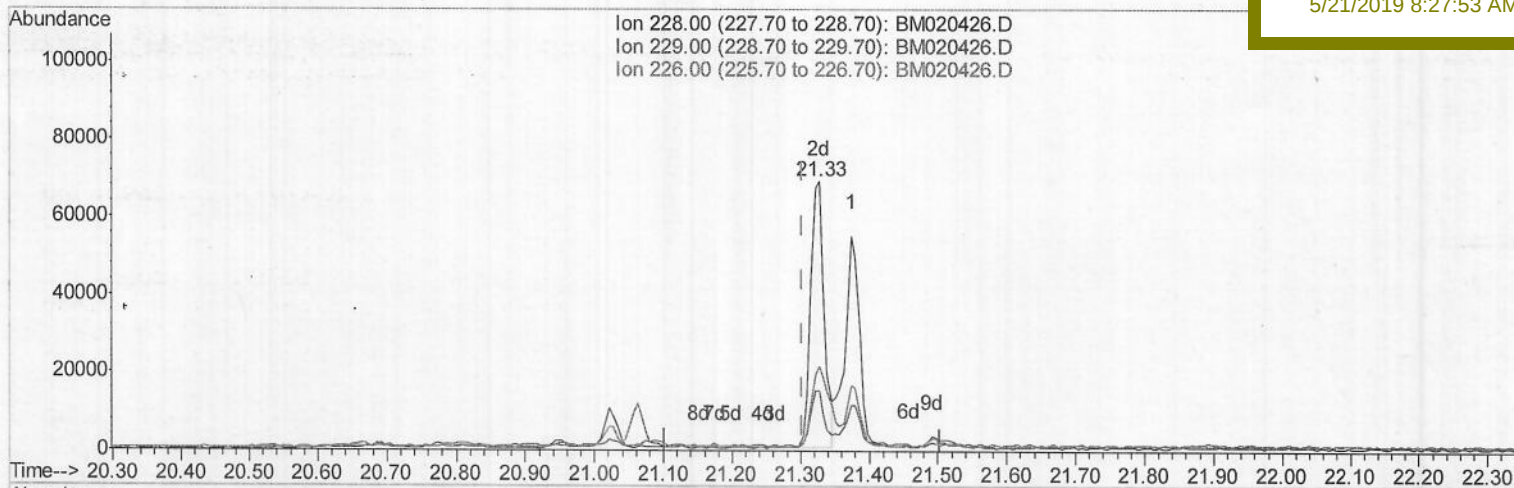
GAJB1DL2

Manual Integrations

APPROVED

Sohil

5/21/2019 8:27:53 AM



(82) Benzo(a)anthracene

21.327min (+0.024) 4.37ng/ul m 250512119

response 93352

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.09
226.00	25.70	31.53#
0.00	0.00	0.00

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 Sample : K2633-19DL2 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 GAJB1DL2

Manual Integrations
 APPROVED

Sohil
 5/21/2019 8:27:53 AM

Quant Time: May 21 03:49:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	70262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	265326	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	159578	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	370238	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	355215	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	419577	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.92	99	1748	0.31	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.08	67	963	0.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	2009	0.49	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.92	128	240	0.14	ng/ul	0.02
22) 2-Nitrophenol-d4	9.63	143	465	0.24	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.71	131	684	0.16	ng/ul	0.04
43) Dimethylphthalate-d6	13.80	166	8797	0.77	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	10303	0.72	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.39	176	8713	0.85	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.24	188	14938	0.94	ng/ul	0.01
78) Pyrene-d10	19.54	212	15397	0.90	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	15296	0.80	ng/ul	0.03

Target Compounds

					Qvalue
28) Naphthalene	10.58	128	967023	79.328 ng/ul	100
34) 2-Methylnaphthalene	12.20	142	216341	24.511 ng/ul	94
40) 1,1'-Biphenyl	13.22	154	36218	3.170 ng/ul	96
47) Acenaphthylene	14.11	152	79552	5.874 ng/ul	98
49) Acenaphthene	14.45	153	12105	1.300 ng/ul	99
58) Fluorene	15.44	166	82388	7.295 ng/ul	95
69) Phenanthrene	17.19	178	471694	26.739 ng/ul	100
71) Anthracene	17.28	178	100792	5.617 ng/ul	98
76) Fluoranthene	19.21	202	187813	8.428 ng/ul	98
79) Pyrene	19.57	202	267331	12.539 ng/ul	99
82) Benzo(a)anthracene	21.33	228	93352m)	4.366 ng/ul	
84) Chrysene	21.37	228	80811	3.955 ng/ul	96
87) Benzo(b)fluoranthene	22.94	252	66607	2.782 ng/ul#	83
90) Benzo(a)pyrene	23.52	252	75280	3.340 ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.94	276	30488	1.187 ng/ul	94
93) Benzo(g,h,i)perylene	26.66	276	25306	1.191 ng/ul#	82

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