

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005940.D

Acq On : 29 May 2019 20:49

Operator : JU/SJ

Sample : K2928-04

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 30 06:46:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

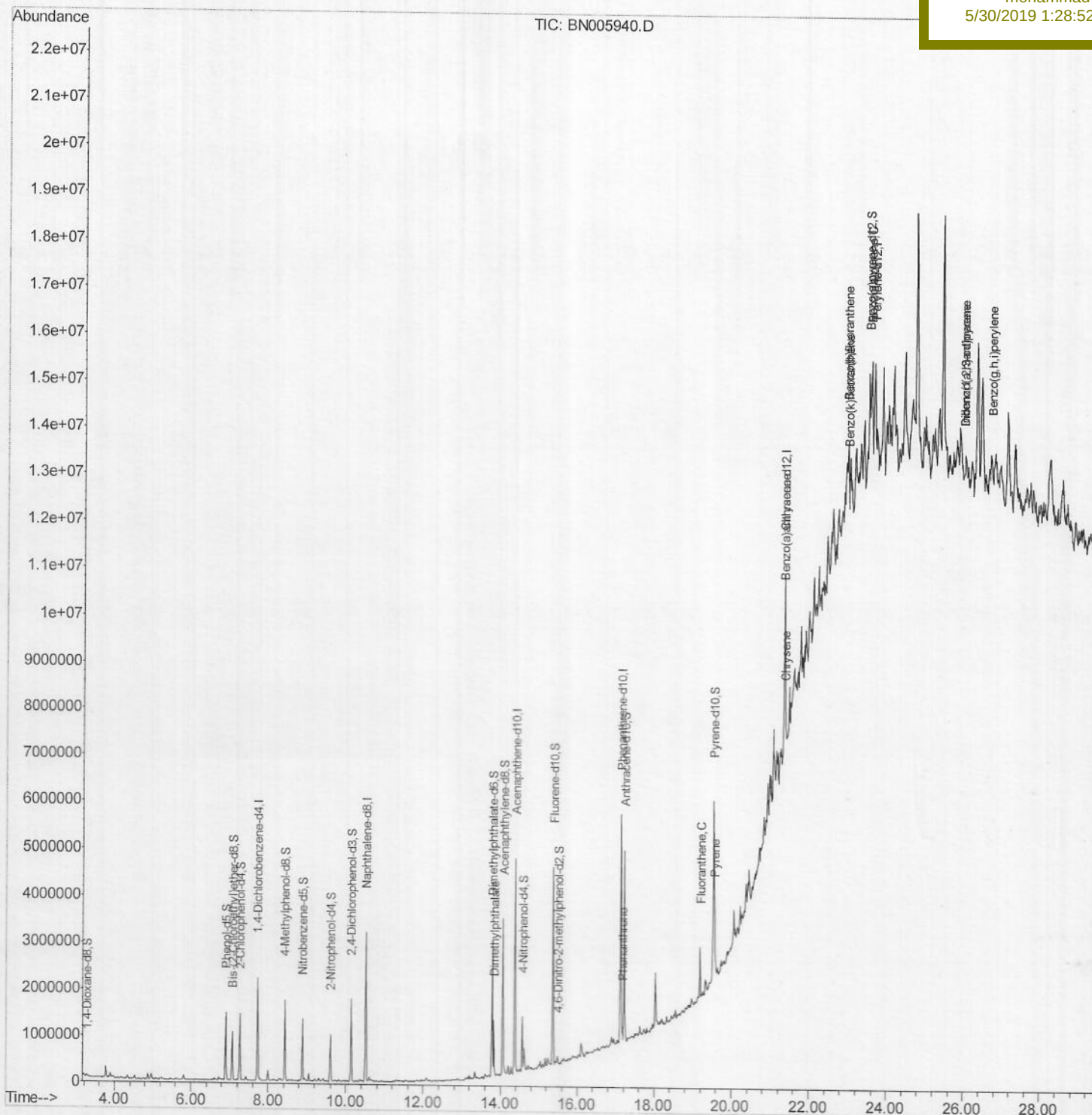
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A42B9

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:52 PM

Quantitation Report (Qedit)

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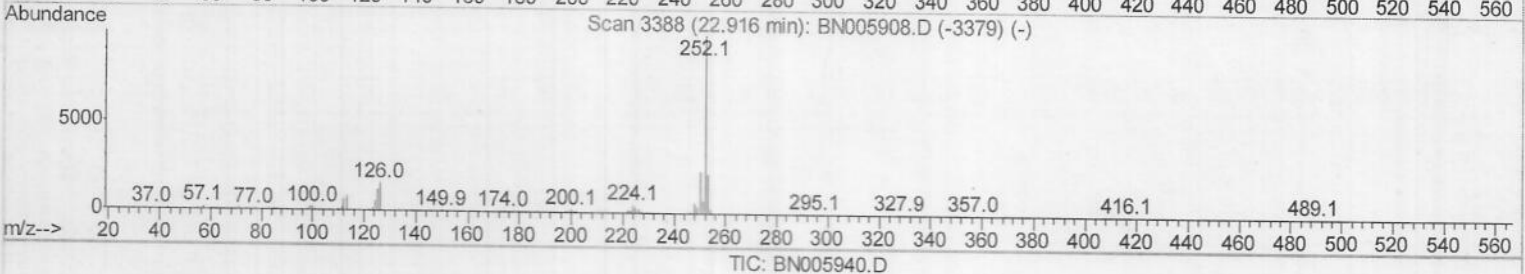
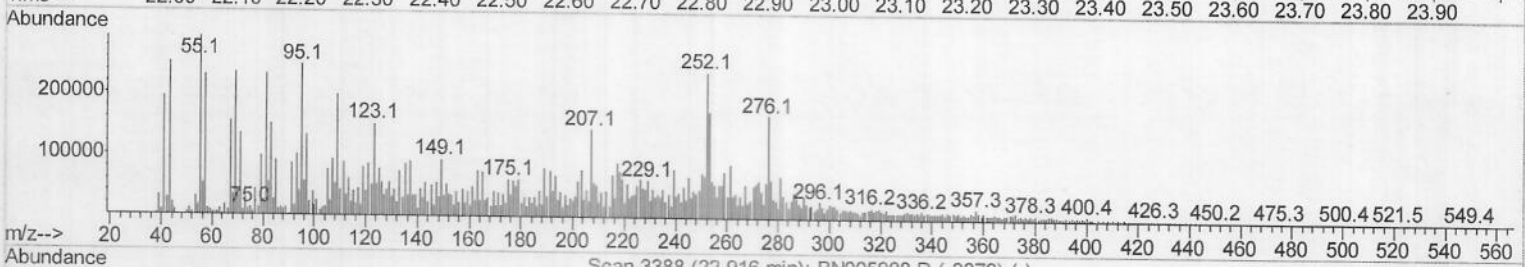
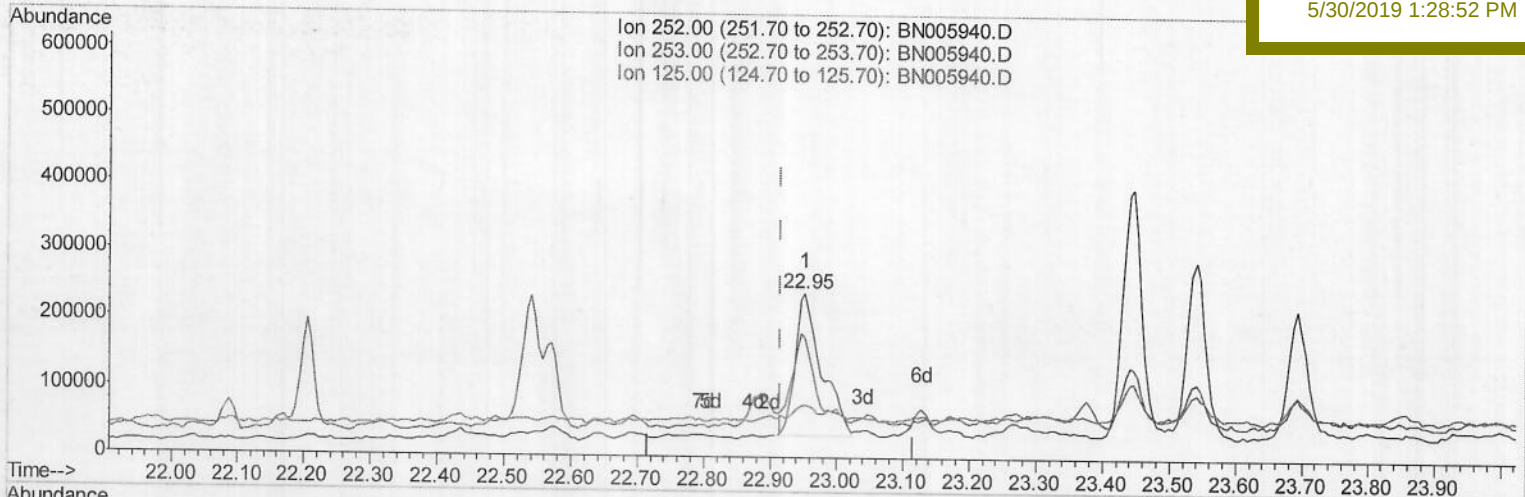
A42B9

Manual Integrations

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mohammad

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(87) Benzo(b)fluoranthene

22.952min (+0.037) 5.29ng/ul

response 574005

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	72.78#
125.00	10.50	32.11#
0.00	0.00	0.00

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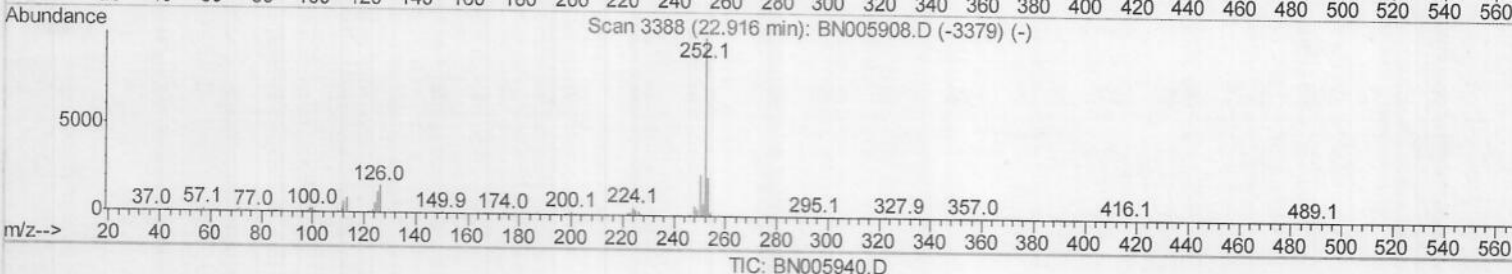
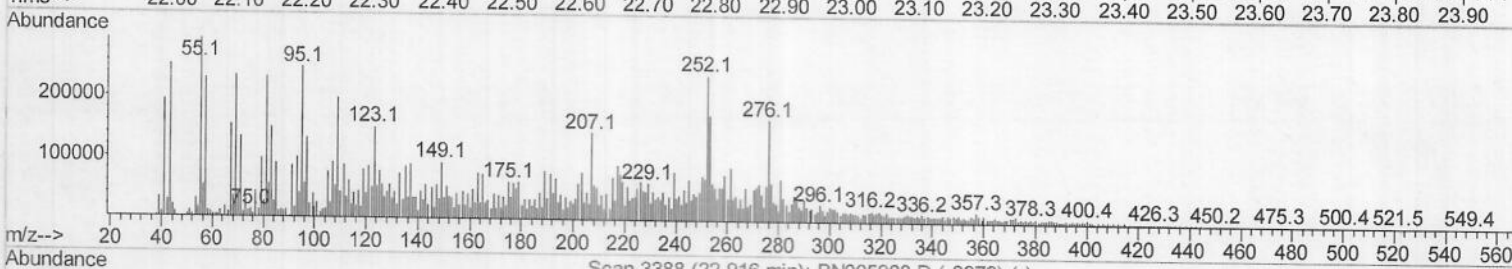
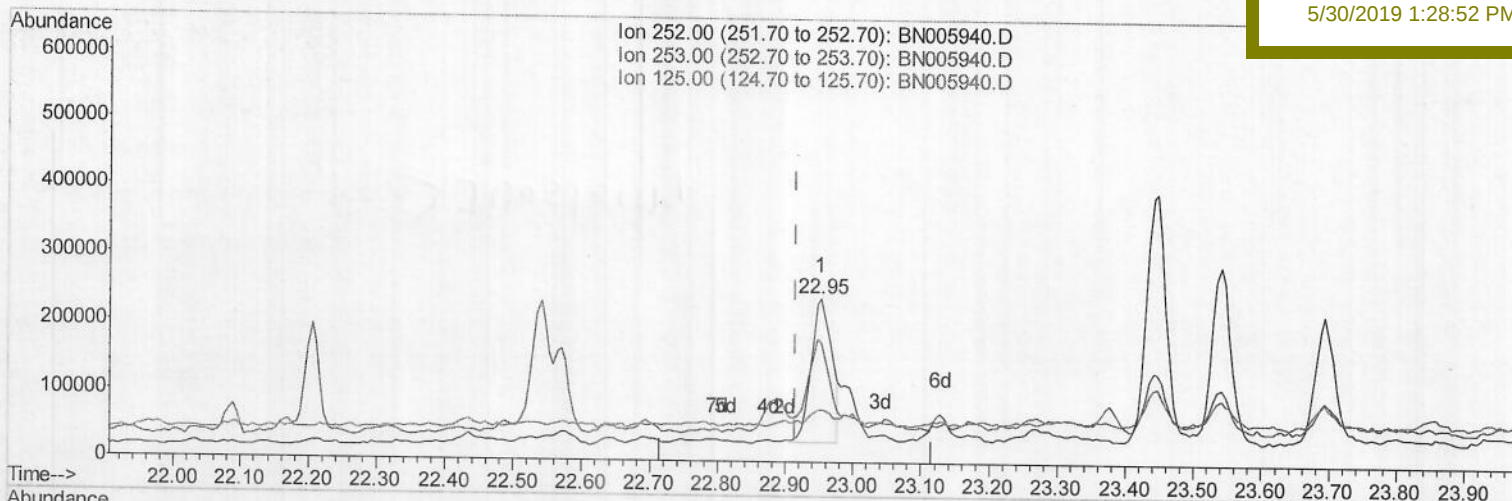
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B9

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:52 PM

(87) Benzo(b)fluoranthene

22.952min (+0.037) 4.13ng/ul m

JU06/05/19

response 448461

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	72.78#
125.00	10.50	32.11#
0.00	0.00	0.00

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Operator : JU/SJ

Sample : K2928-04

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 30 06:45:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

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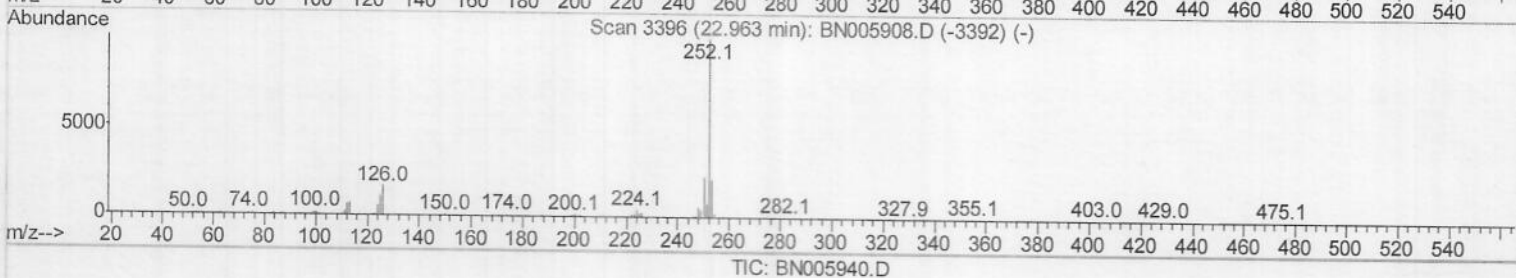
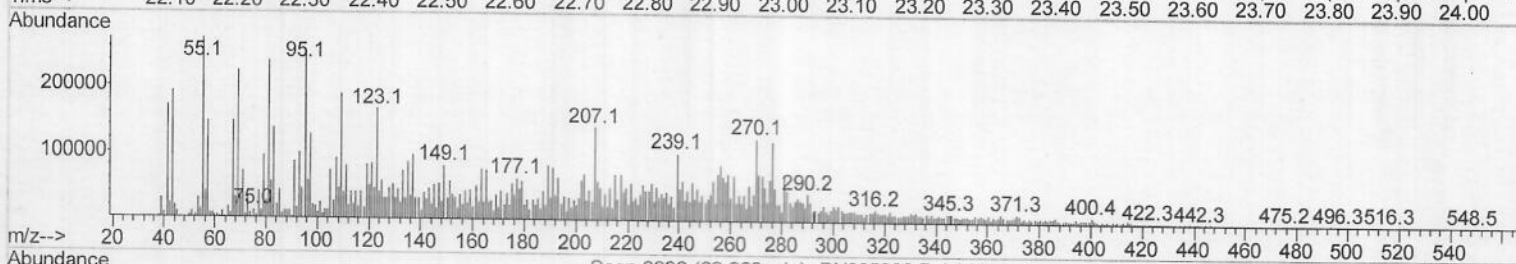
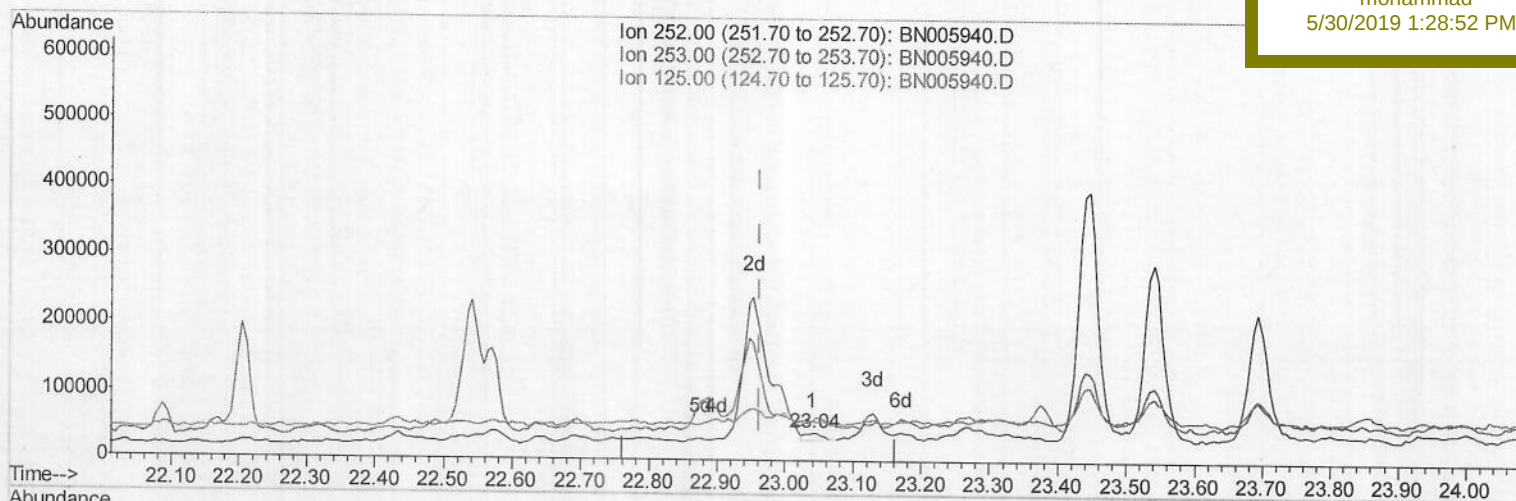
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B9

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:52 PM

(88) Benzo(k)fluoranthene

23.041min (+0.078) 0.18ng/ul

response 18408

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	141.91#
125.00	9.40	139.86#
0.00	0.00	0.00

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Misc :

ALS Vial : 20 Sample Multiplier: 1

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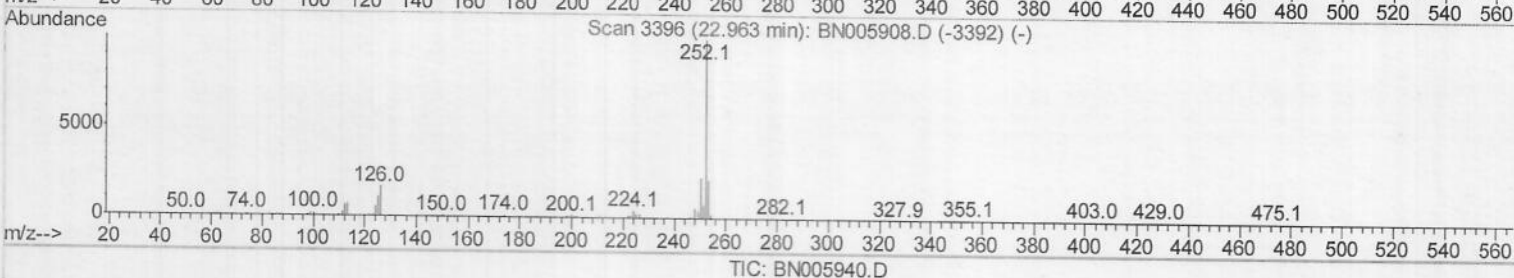
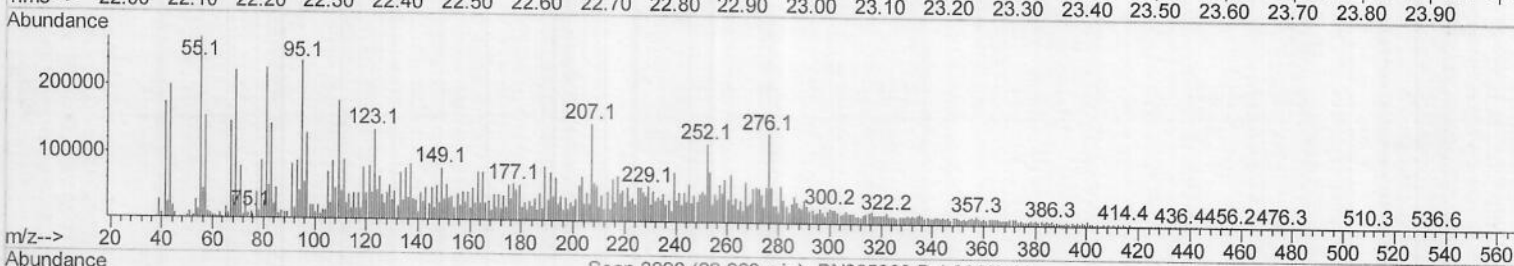
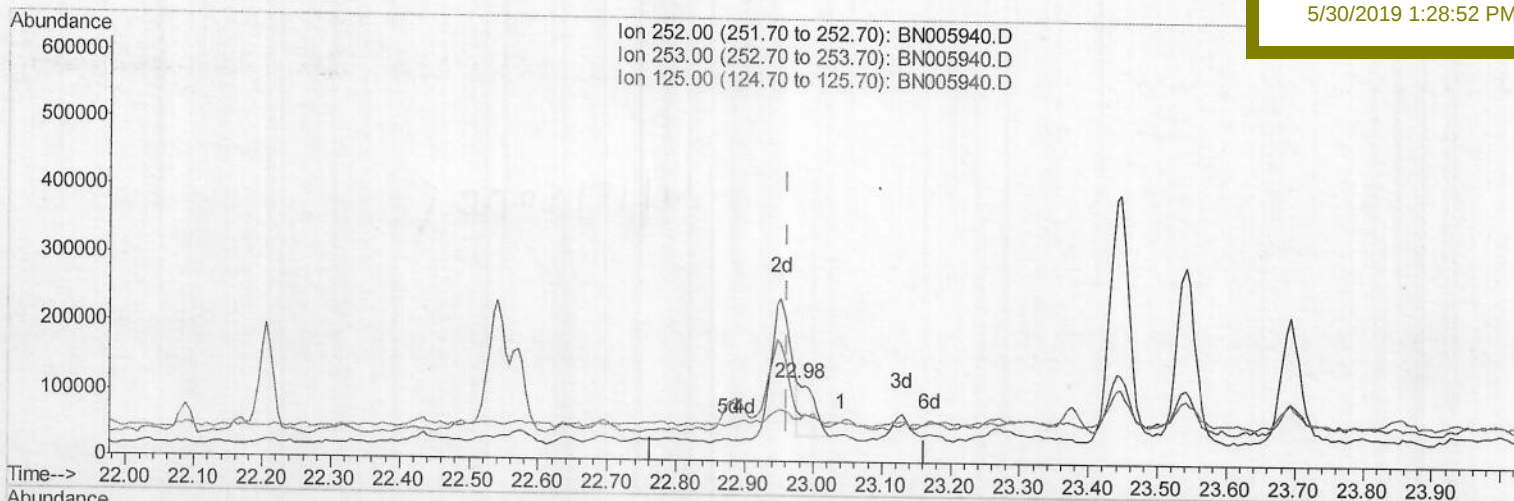
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A42B9

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:52 PM

(88) Benzo(k)fluoranthene

22.976min (+0.013) 1.23ng/ul m) JU06105/19

response 122970

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	64.61#
125.00	9.40	54.56#
0.00	0.00	0.00

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Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 30 06:45:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

Qlast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

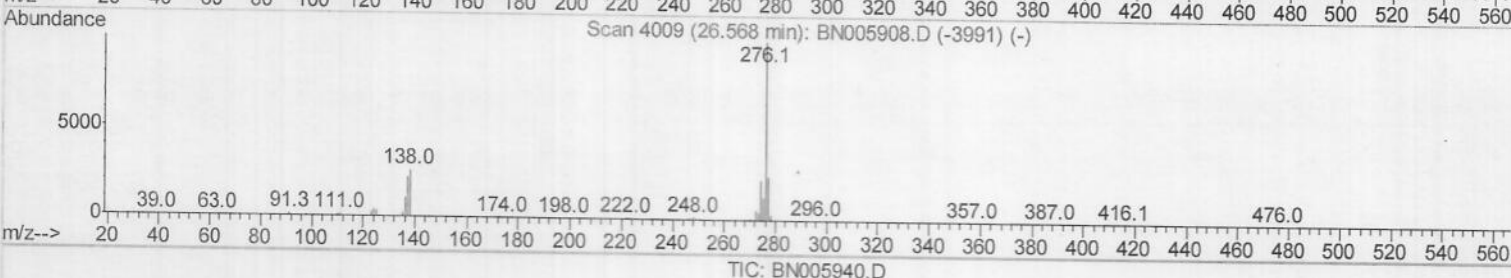
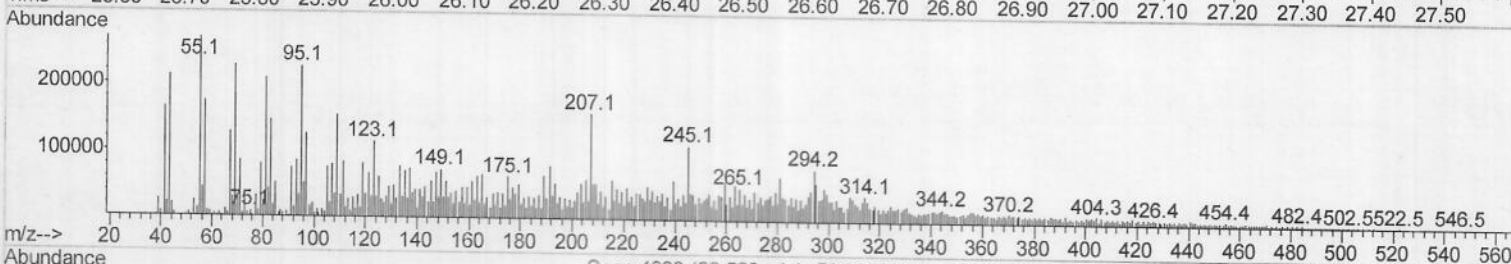
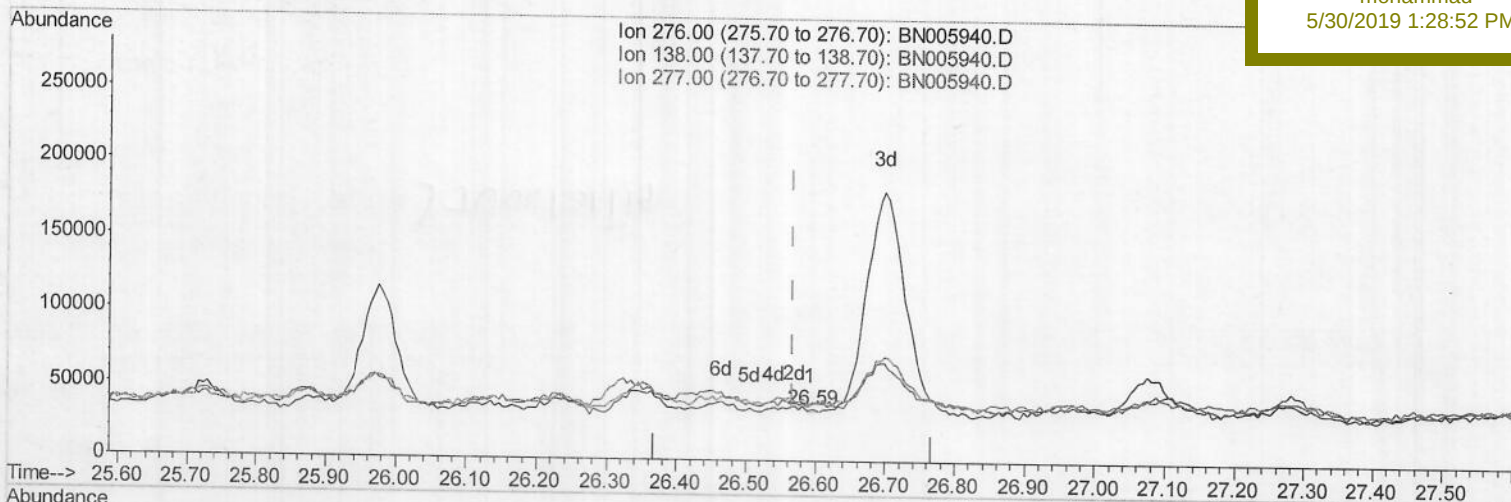
A42B9

Manual Integrations

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mohammad

5/30/2019 1:28:52 PM



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

26.593min (+0.025) 0.01ng/ul

response 1378

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	107.98#
277.00	22.70	109.71#
0.00	0.00	0.00

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Sample : K2928-04

Misc :

ALS Vial : 20 Sample Multiplier: 1

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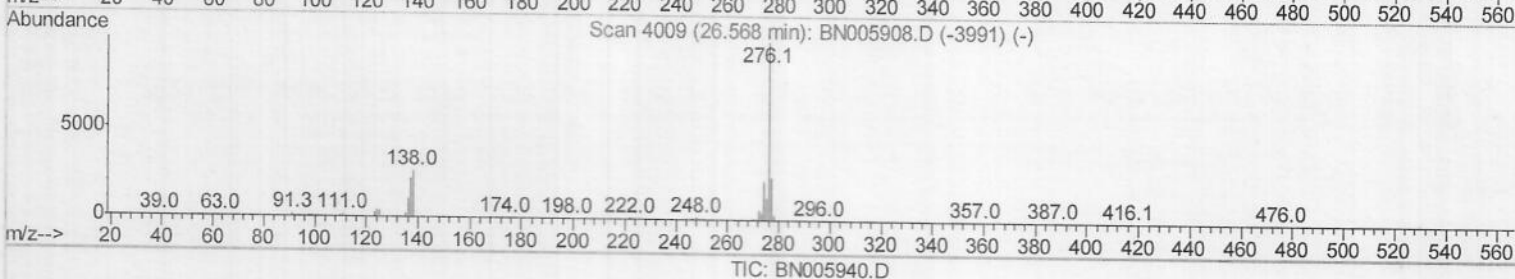
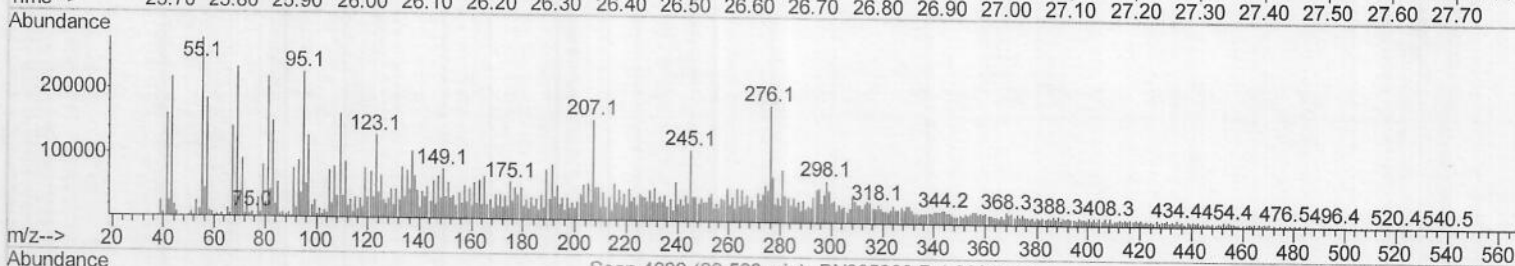
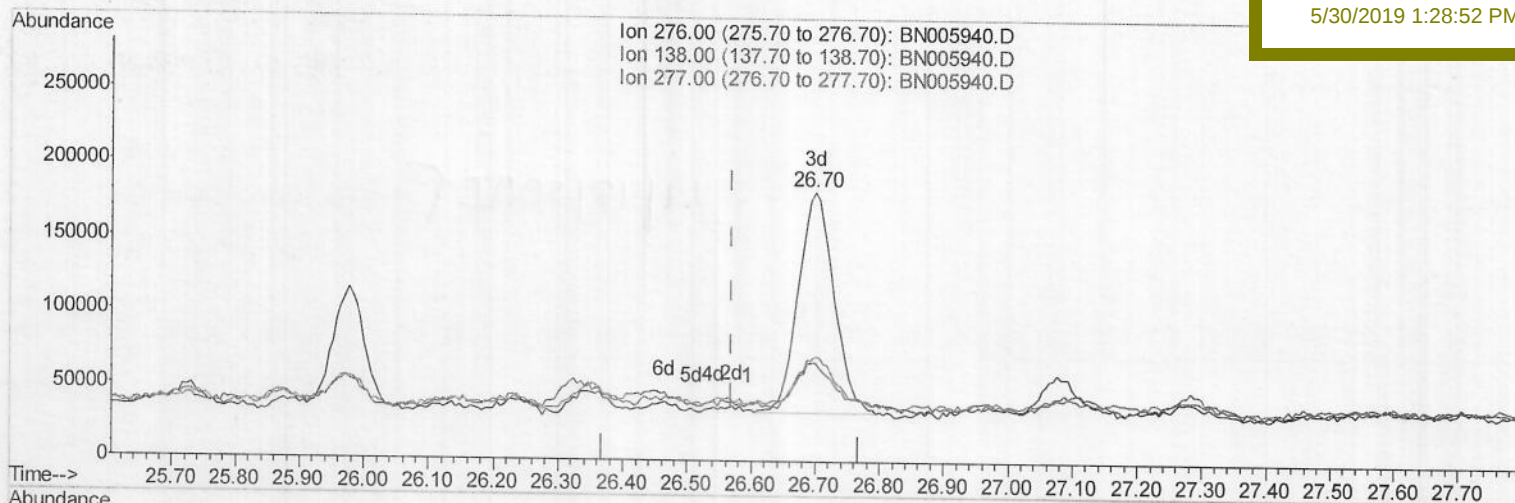
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B9

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:52 PM

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

26.699min (+0.131) 5.67ng/ul m) JU06105119

response 572871

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	37.03#
277.00	22.70	39.28#
0.00	0.00	0.00

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Instrument :

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	584932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2654218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1484341	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2791617	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1802742	20.00	ng/ul	0.01
85) Perylene-d12	23.65	264	1931415	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	27510	2.07	ng/uL	0.00
5) Phenol-d5	6.90	99	835698	16.12	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	451246	15.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	647670	16.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	640639	15.31	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	314401	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	320531	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	623902	16.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	20247	0.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1839192	16.81	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2363039	17.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	275259	13.82	ng/ul	0.00
57) Fluorene-d10	15.37	176	1571546	17.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	25398	2.23	ng/ul	0.00
70) Anthracene-d10	17.22	188	2159521	18.18	ng/ul	0.00
78) Pyrene-d10	19.53	212	1906833	20.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1515563	17.59	ng/ul	0.04

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.83	163	709022	6.483	ng/ul	100
69) Phenanthrene	17.16	178	227687	1.646	ng/ul	96
76) Fluoranthene	19.19	202	642004	4.348	ng/ul#	94
79) Pyrene	19.56	202	665679	5.829	ng/ul#	93
82) Benzo(a)anthracene	21.33	228	261593	2.308	ng/ul#	47
84) Chrysene	21.38	228	222769	2.108	ng/ul#	67
87) Benzo(b)fluoranthene	22.95	252	448461m)	4.134	ng/ul	
88) Benzo(k)fluoranthene	22.98	252	122970m)	1.233	ng/ul	
90) Benzo(a)pyrene	23.54	252	516839	5.052	ng/ul#	57
91) Indeno(1,2,3-cd)pyrene	25.98	276	273660	2.280	ng/ul#	52
92) Dibenzo(a,h)anthracene	25.97	278	169475	1.696	ng/ul#	1
93) Benzo(g,h,i)perylene	26.70	276	572871m)	5.666	ng/ul	

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