

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005948.D

Acq On : 30 May 2019 01:27

Operator : JU/SJ

Sample : K2924-22

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 30 07:25:14 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

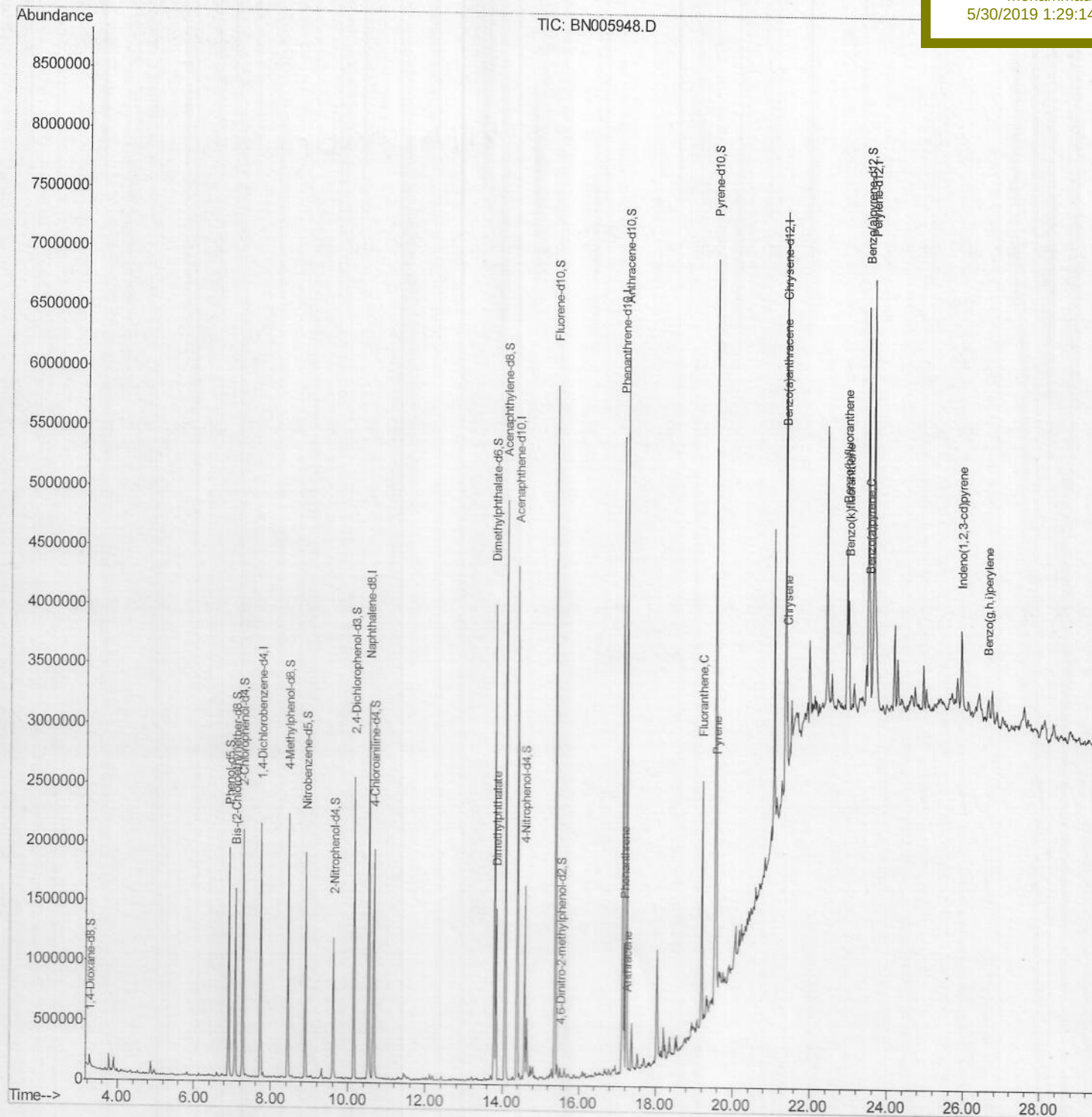
Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

A42F4

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:14 PM

Quantitation Report (Qedit)

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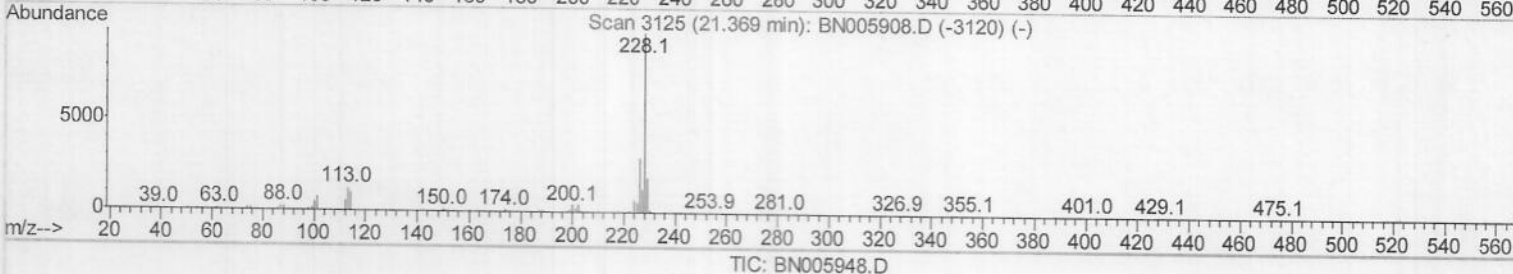
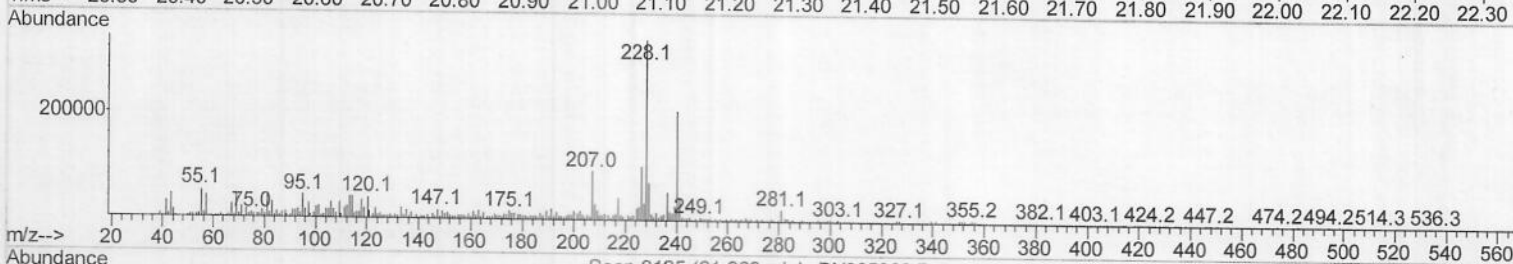
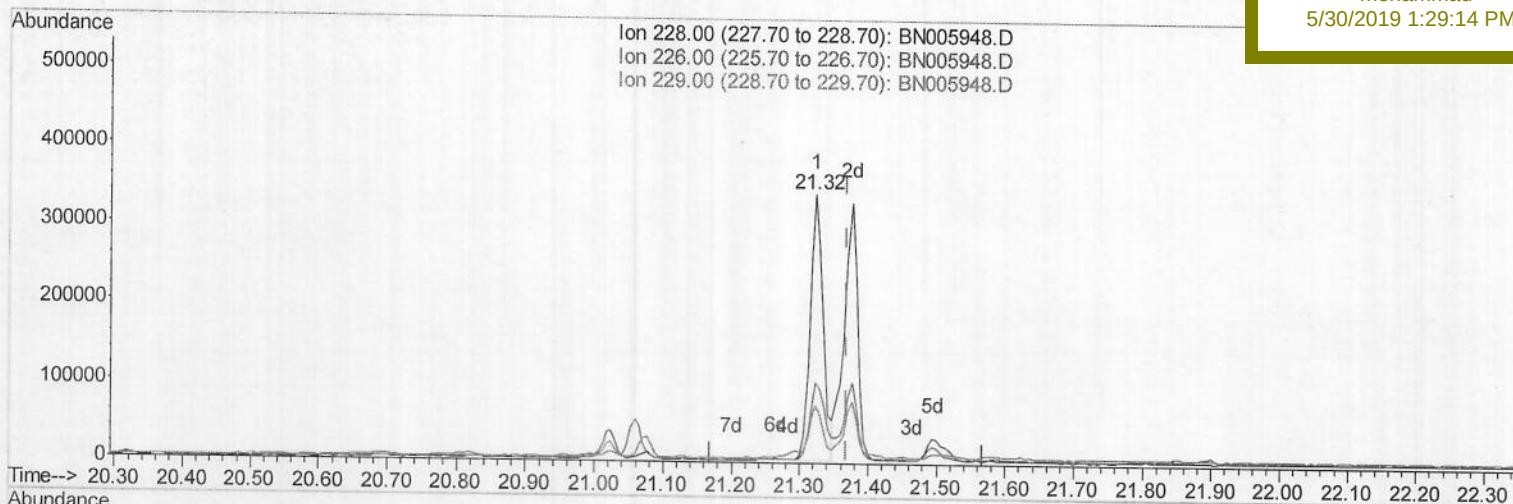
A42F4

Manual Integrations

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(84) Chrysene

21.323min (-0.045) 4.01ng/ul

response 448615

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.89
229.00	19.20	21.18
0.00	0.00	0.00

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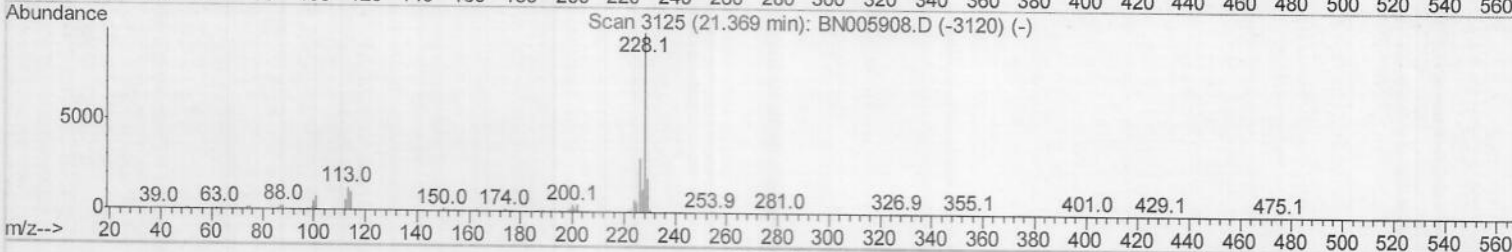
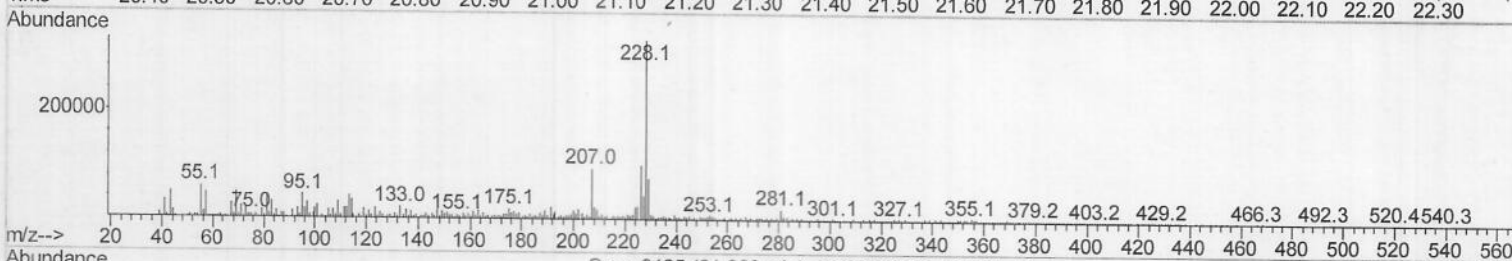
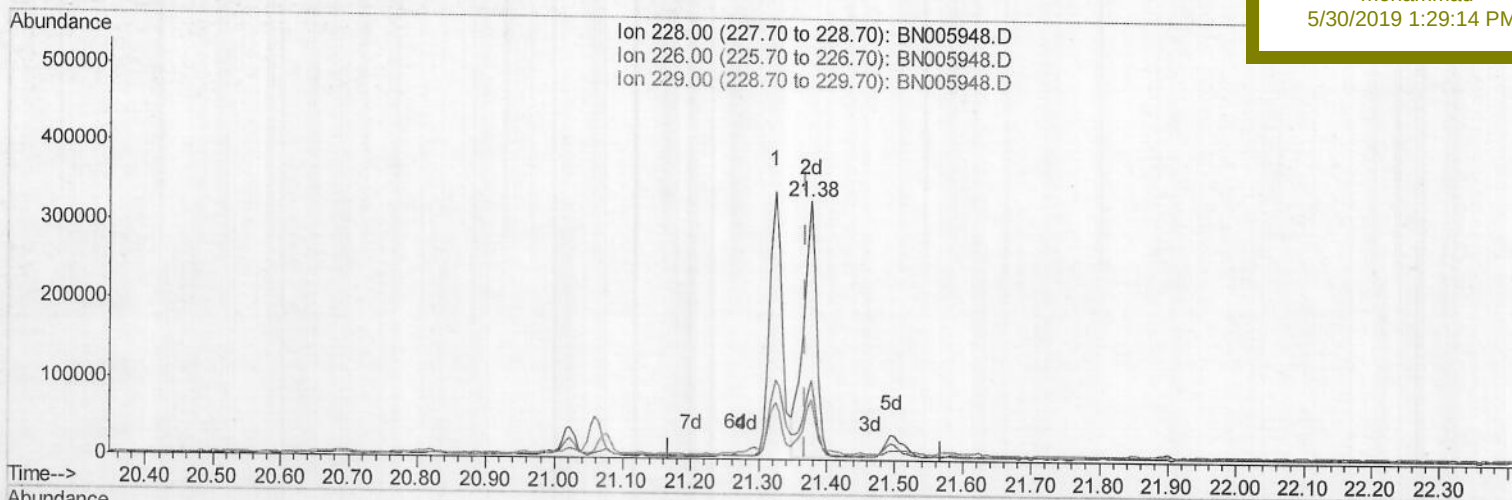
A42F4

Manual Integrations

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mohammad

5/30/2019 1:29:14 PM



TIC: BN005948.D

(84) Chrysene

21.376min (+0.008) 4.04ng/ul m) JU06/05/19

response 452000

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.84
229.00	19.20	23.44#
0.00	0.00	0.00

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Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mon 30 05:02:55 2019

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

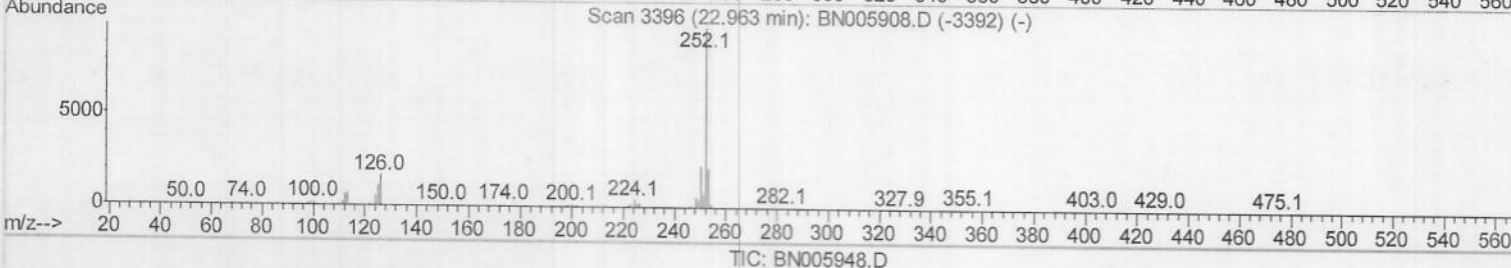
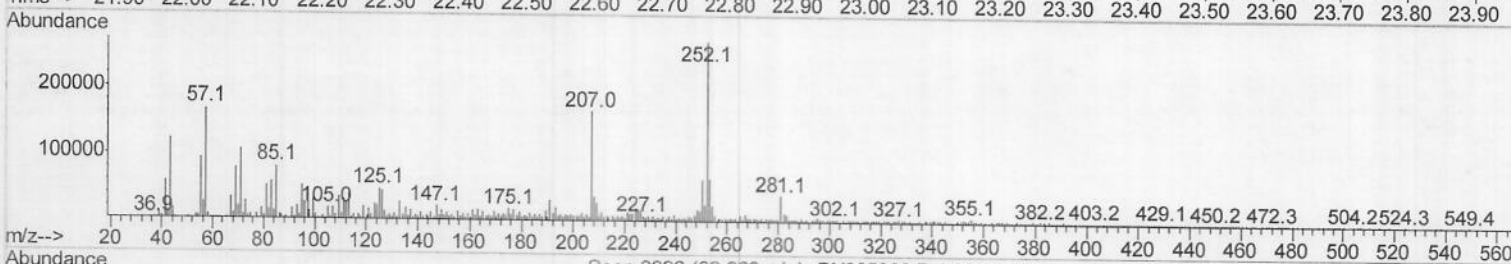
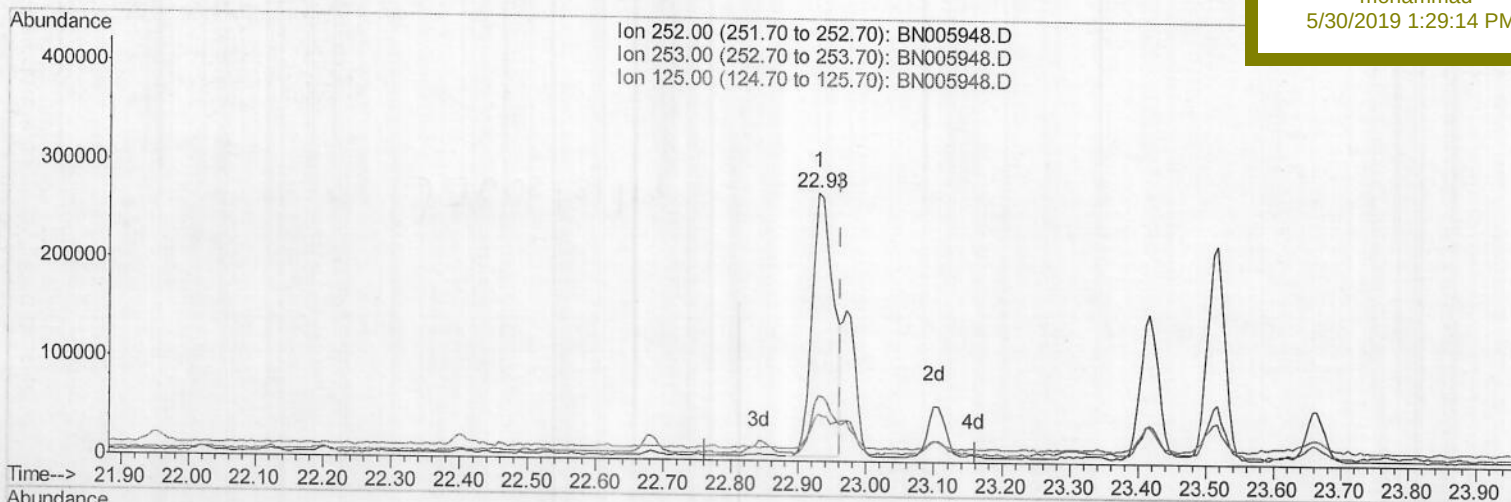
Response via : Initial Calibration

Instrument :

BNA_N

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A42F4

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:14 PM

TIC: BN005948.D

(88) Benzo(k)fluoranthene

22.929min (-0.034) 5.46ng/ul

response 578254

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.18
125.00	9.40	17.41#
0.00	0.00	0.00

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Sample : K2924-22

Misc :

ALS Vial : 28 Sample Multiplier: 1

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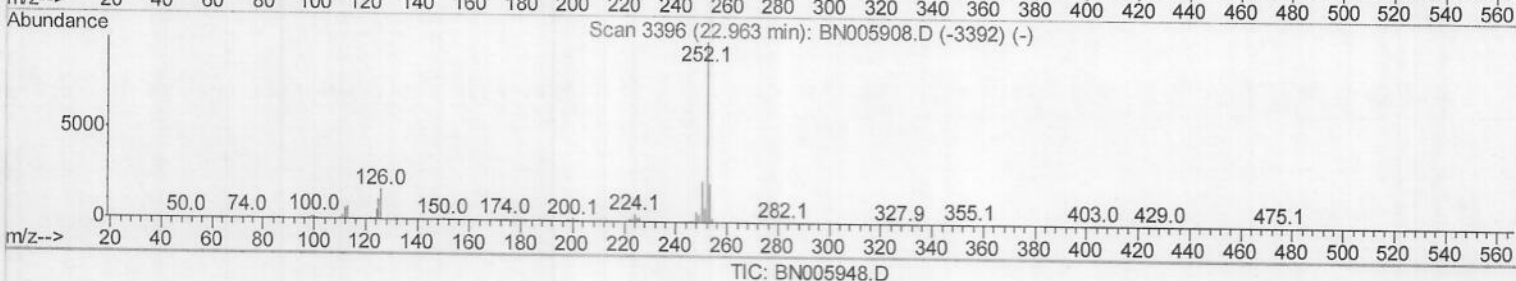
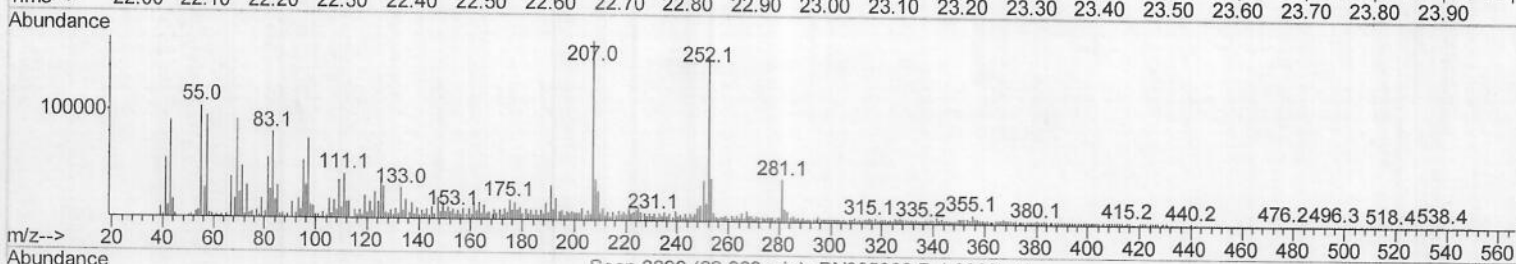
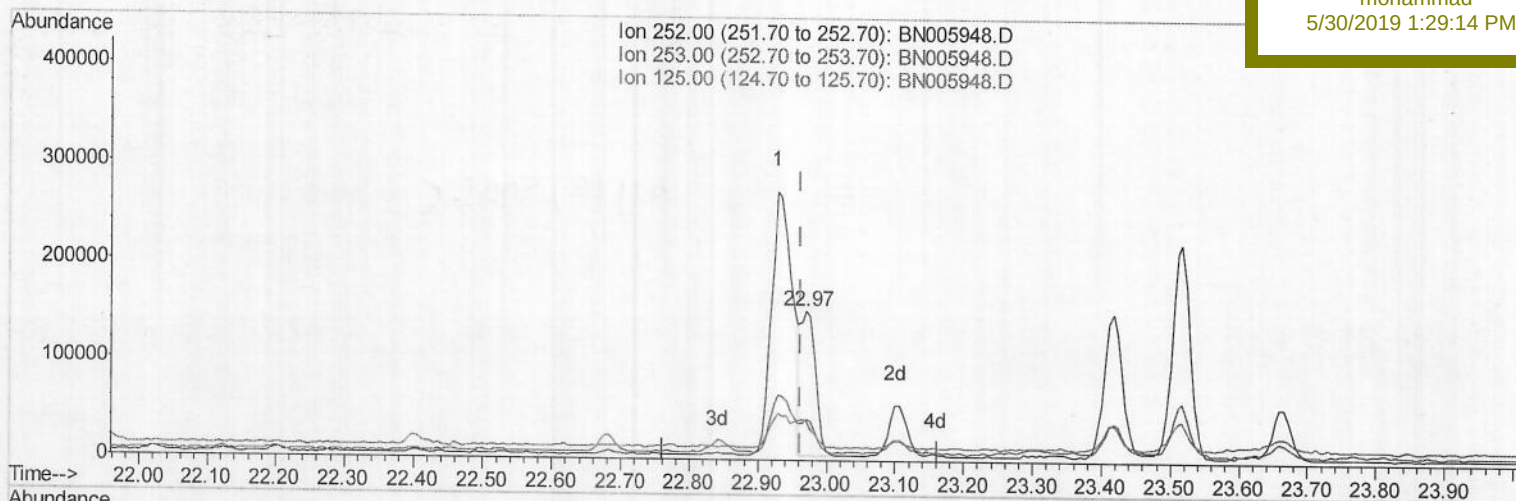
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42F4

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:14 PM

(88) Benzo(k)fluoranthene

22.970min (+0.008) 2.00ng/ul m

response 211689

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	27.03#
125.00	9.40	25.63#
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	7.74	152	575777	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2516658	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1420007	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	2966617	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	1909051	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2051611	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	57696	4.41	ng/uL	0.00
5) Phenol-d5	6.91	99	1166211	22.85	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	685501	23.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	947488	24.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	835269	20.28	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	474917	29.40	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	382522	25.43	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	907372	25.54	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	910439	19.55	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2676420	25.57	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3452265	26.36	ng/ul	0.02
51) 4-Nitrophenol-d4	14.58	143	370000	19.42	ng/ul	0.02
57) Fluorene-d10	15.38	176	2354706	26.82	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	13847	1.15	ng/ul	0.03
70) Anthracene-d10	17.24	188	3268349	25.89	ng/ul	0.02
78) Pyrene-d10	19.54	212	3029491	31.42	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	2359116	25.77	ng/ul	0.02

Target Compounds

					Ovalue
44) Dimethylphthalate	13.84	163	844711	8.073	ng/ul 100
69) Phenanthrene	17.18	178	613365	4.173	ng/ul 100
71) Anthracene	17.26	178	161457	1.082	ng/ul 98
76) Fluoranthene	19.20	202	1124261	7.165	ng/ul# 95
79) Pyrene	19.56	202	921327	7.619	ng/ul# 94
82) Benzo(a)anthracene	21.32	228	445207	3.710	ng/ul 95
84) Chrysene	21.38	228	452000m)	4.038	ng/ul
87) Benzo(b)fluoranthene	22.93	252	578254	5.018	ng/ul# 91
88) Benzo(k)fluoranthene	22.97	252	211689m)	1.998	ng/ul
90) Benzo(a)pyrene	23.52	252	391253	3.600	ng/ul# 86
91) Indeno(1,2,3-cd)pyrene	25.91	276	293230	2.300	ng/ul# 92
93) Benzo(a,h,i)perylene	26.61	276	193553	1.802	ng/ul# 88

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