

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008367.D

Acq On : 24 Oct 2019 01:42

Operator : JU

Sample : K5235-05

Misc :

ALS Vial : 60 Sample Multiplier: 1

Quant Time: Oct 24 02:32:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 23 14:07:55 2019

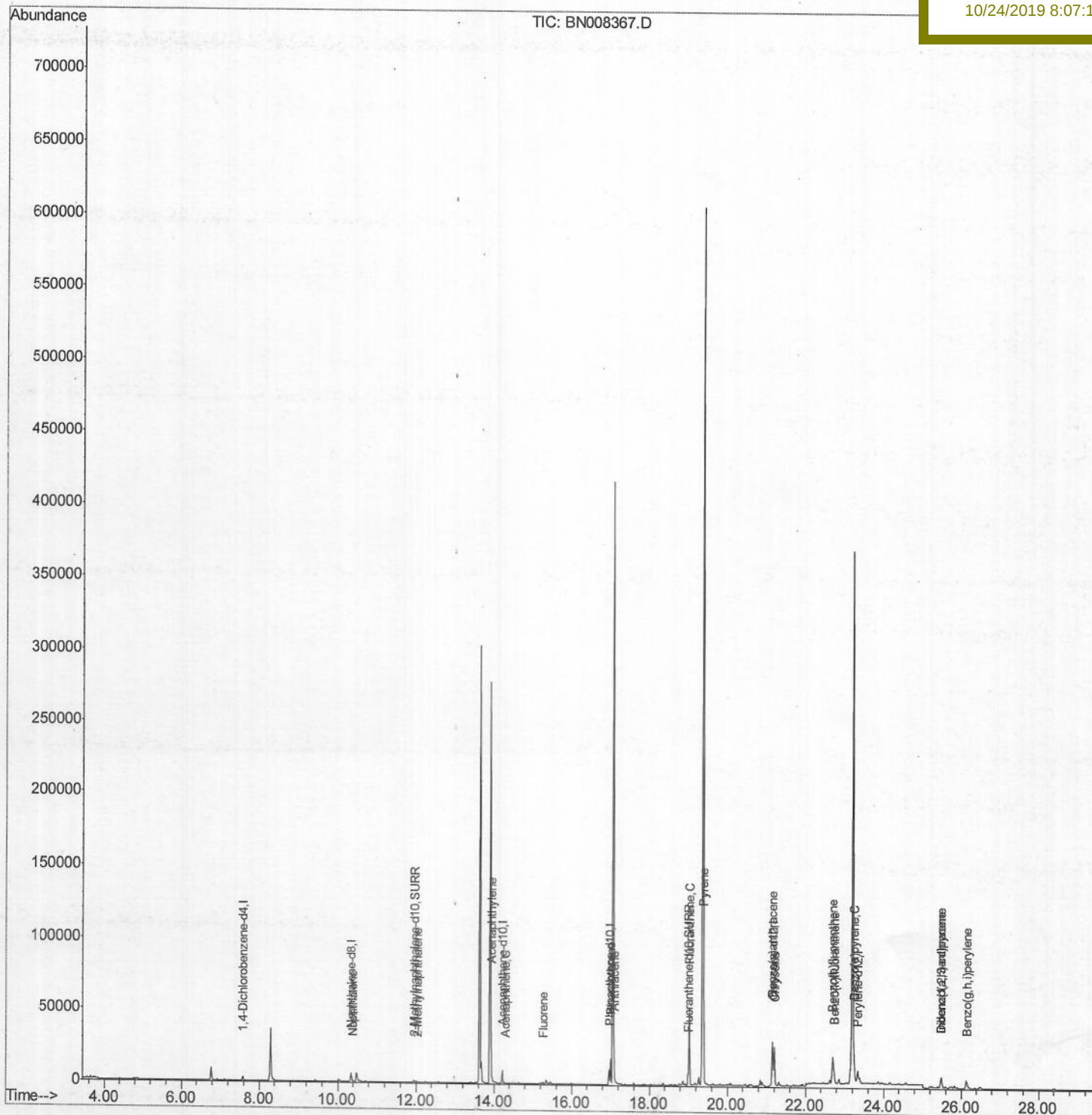
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

BEPB3

Manual Integrations
APPROVEDmohammad
10/24/2019 8:07:16 AM

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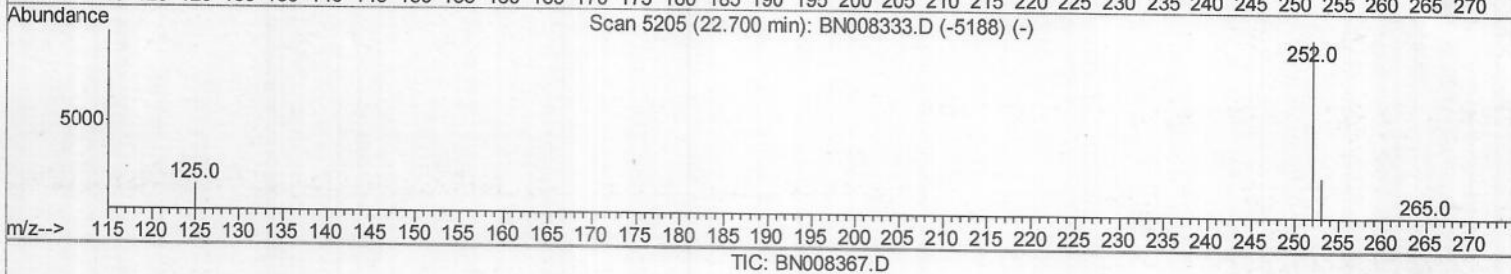
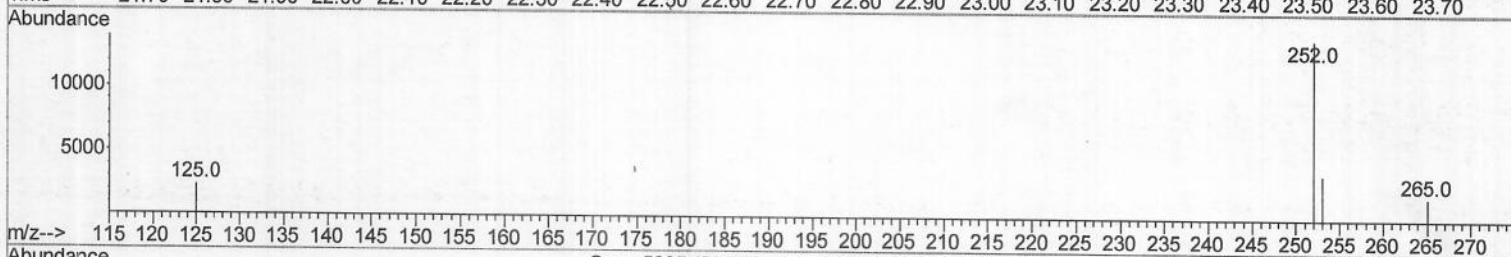
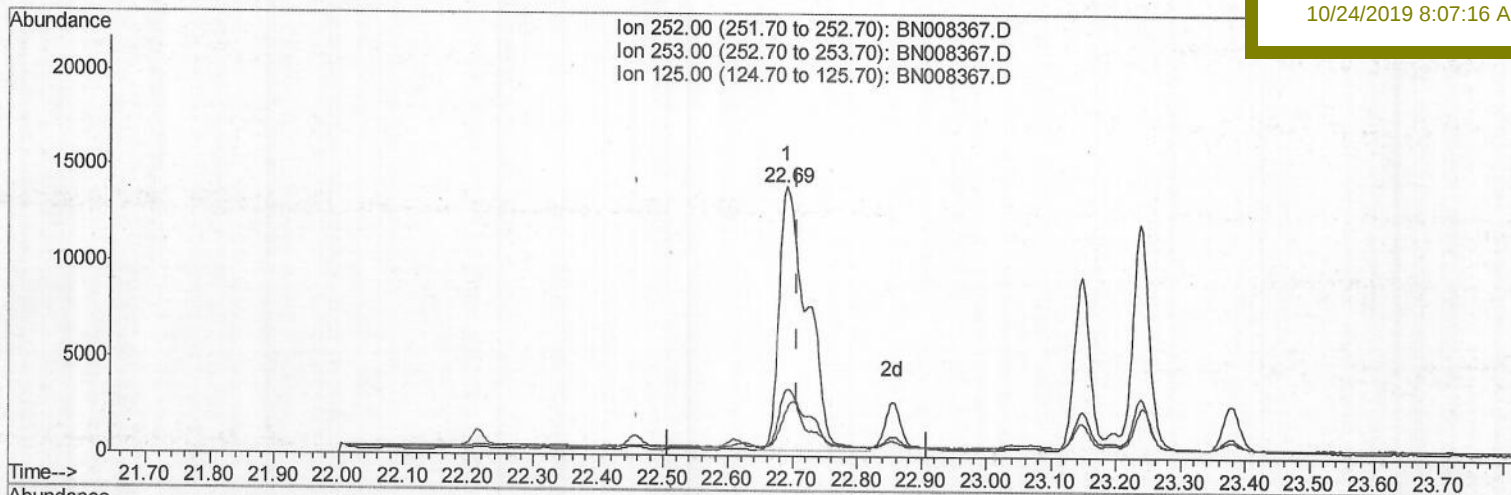
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPB3

Manual Integrations
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10/24/2019 8:07:16 AM

(21) Benzo(b)fluoranthene

22.691min (-0.017) 1.36ng/ul

response 41425

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.04
125.00	16.20	17.17
0.00	0.00	0.00

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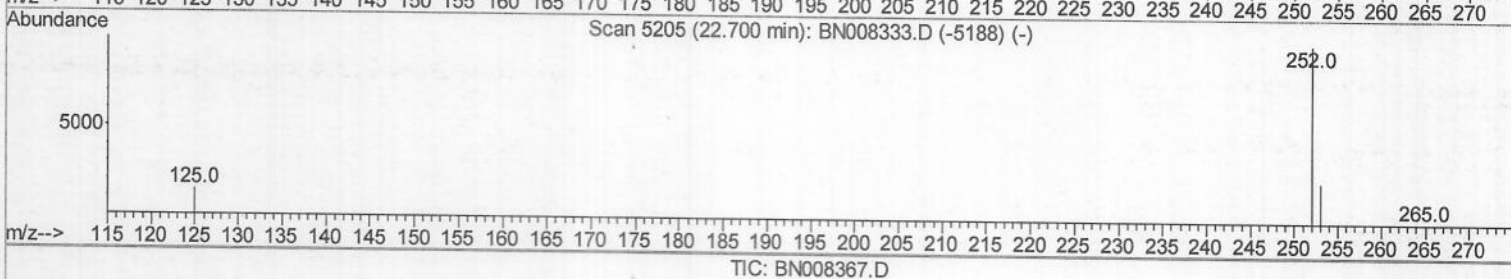
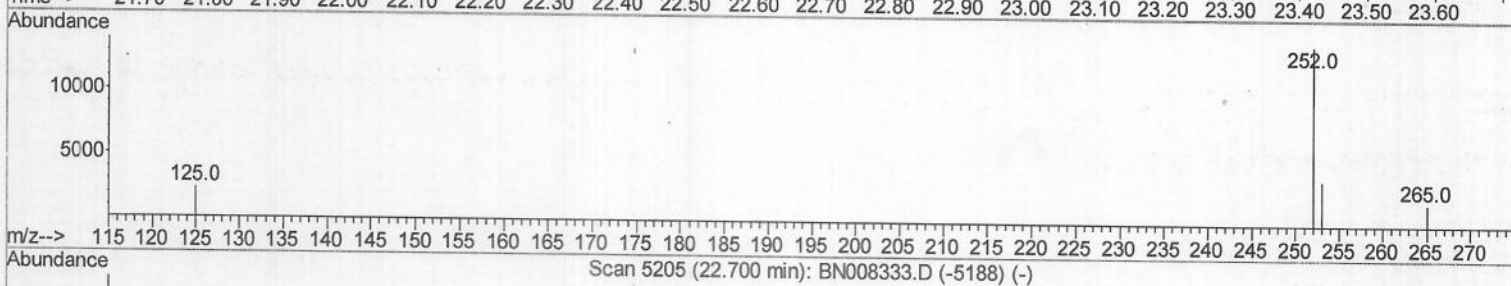
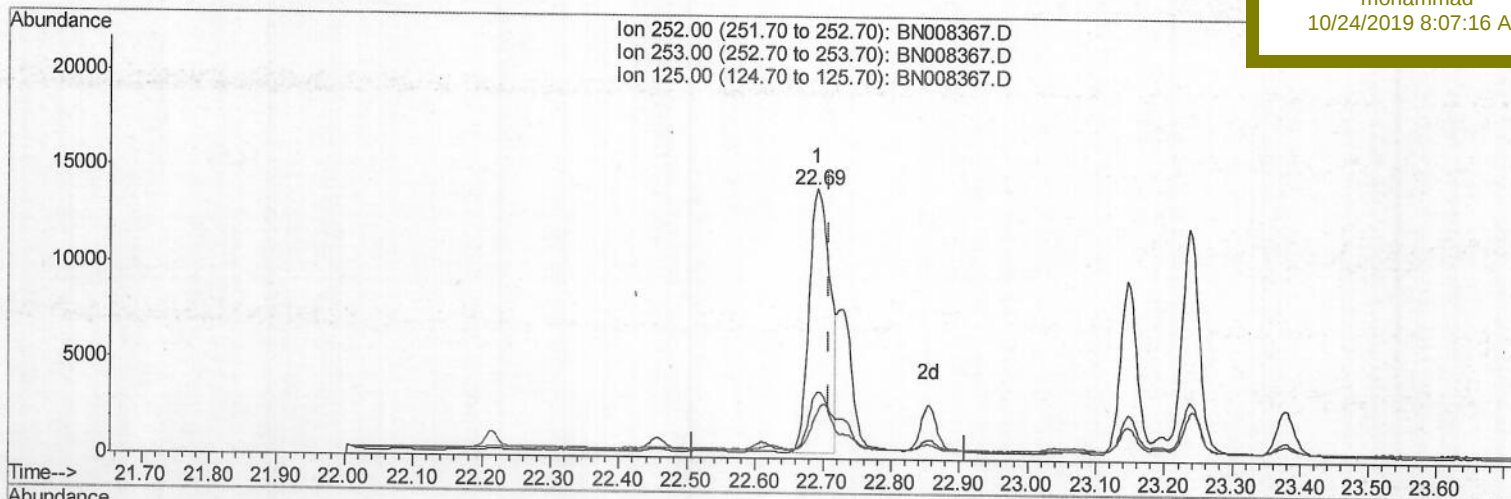
BEPB3

Manual Integrations

APPROVED

mohammad

10/24/2019 8:07:16 AM



(21) Benzo(b)fluoranthene

22.691min (-0.017) 0.96ng/ul m > JV 10/25/19

response 29203

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.04
125.00	16.20	17.17
0.00	0.00	0.00

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Data File : BN008367.D

Acq On : 24 Oct 2019 01:42

Operator : JU

Sample : K5235-05

Misc :

ALS Vial : 60 Sample Multiplier: 1

Quant Time: Oct 24 02:29:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

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Instrument :

BNA_N

ClientSampleId :

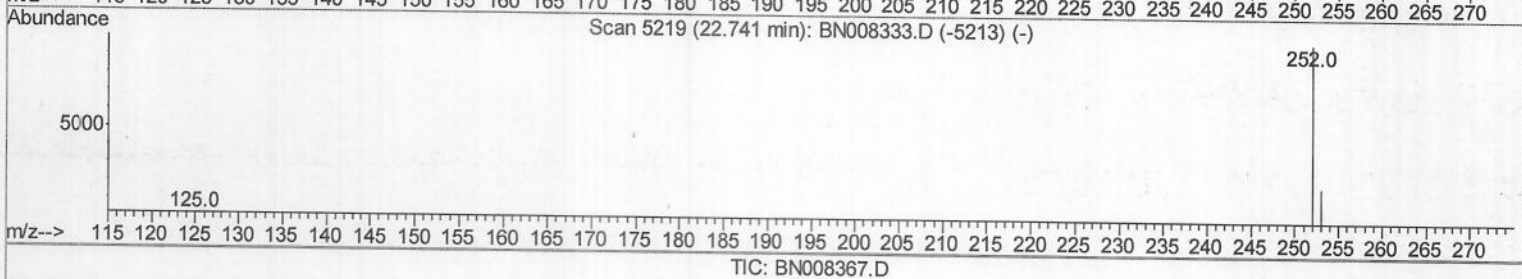
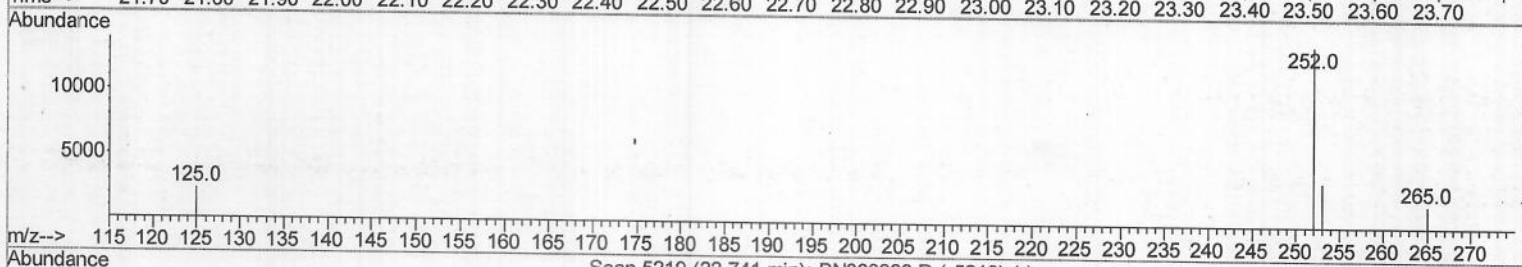
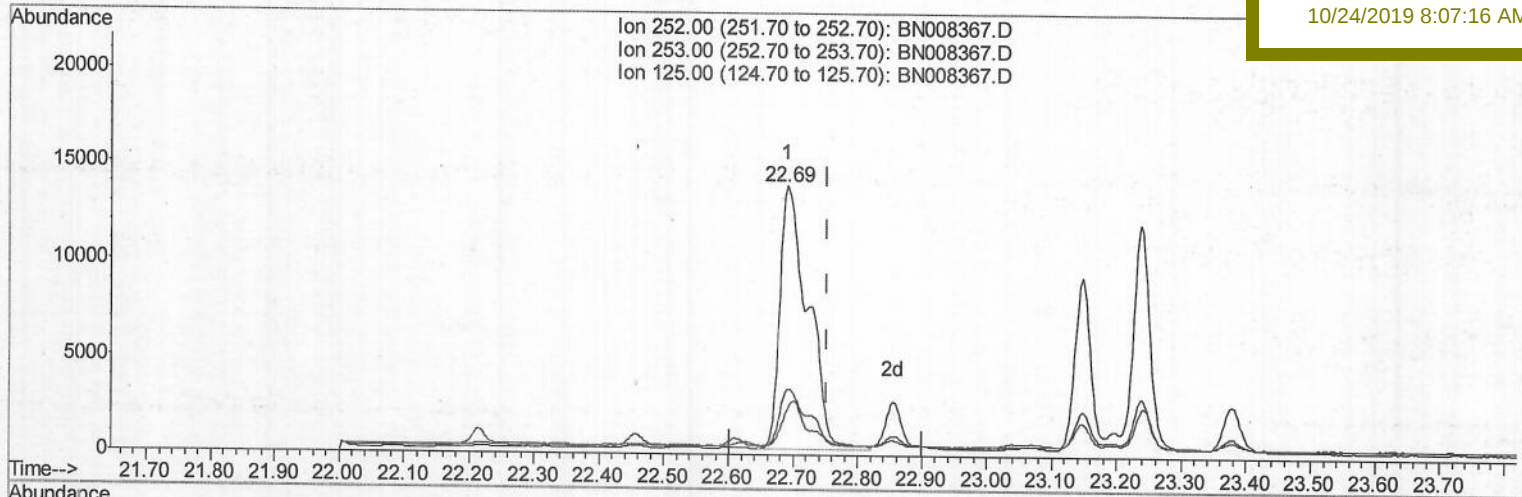
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Manual Integrations

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10/24/2019 8:07:16 AM



TIC: BN008367.D

(22) Benzo(k)fluoranthene

22.691min (-0.061) 1.20ng/ul

response 41425

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.04
125.00	15.40	17.17
0.00	0.00	0.00

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Operator : JU

Sample : K5235-05

Misc :

ALS Vial : 60 Sample Multiplier: 1

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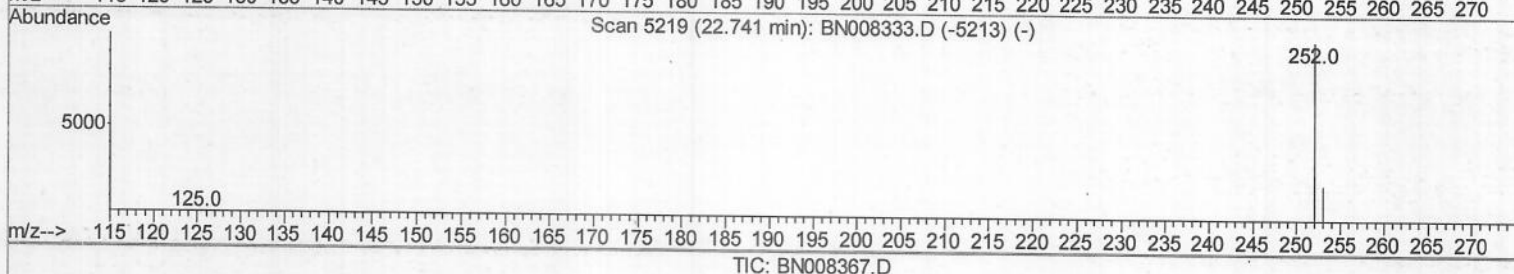
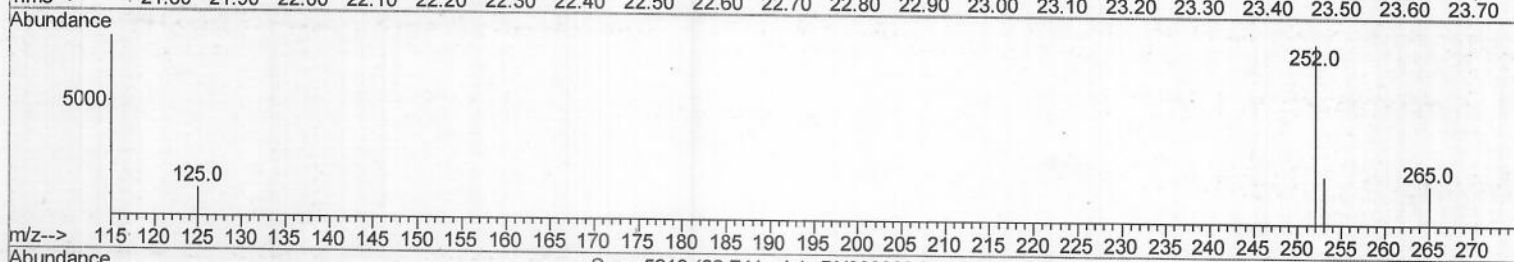
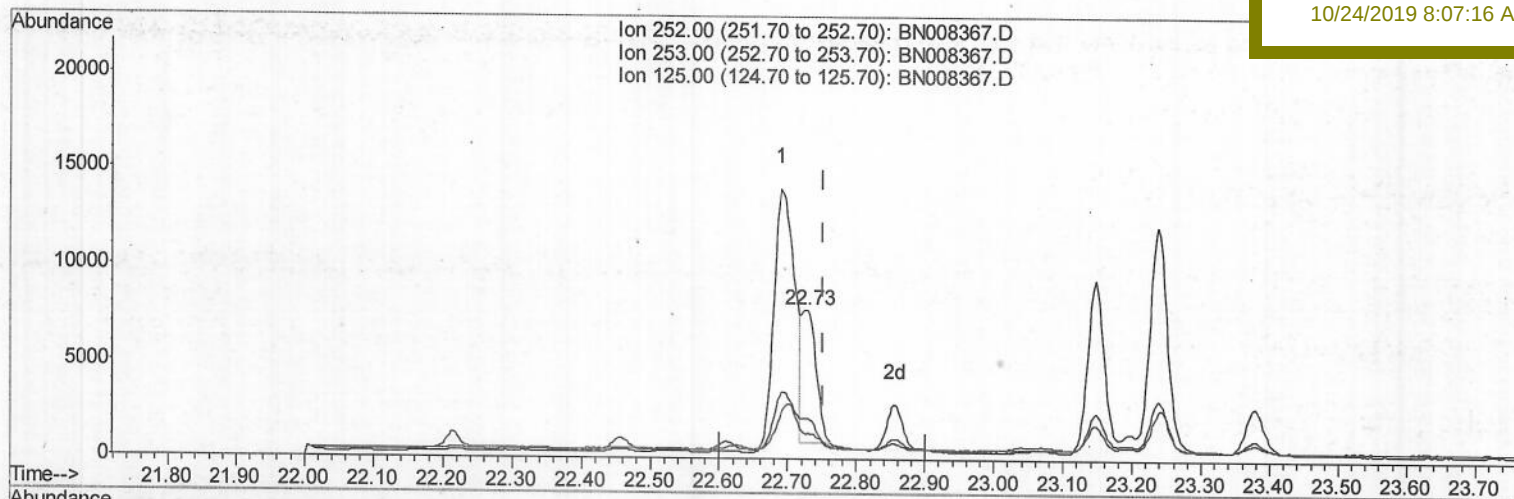
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Manual Integrations

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10/24/2019 8:07:16 AM



TIC: BN008367.D

(22) Benzo(k)fluoranthene

22.729min (-0.023) 0.30ng/ul m > JU 10/25/19

response 10281

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.21
125.00	15.40	16.93
0.00	0.00	0.00

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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	7.58	152	1661	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8144	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5255	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11849	0.40	ng/ul	-0.01
16) Chrysene-d12	21.16	240	11188	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	9330	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	2117	0.15	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6549	0.16	ng/ul	-0.02

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.39	128	575	0.025	ng/ul#	68
5) 2-Methylnaphthalene	12.02	142	349	0.022	ng/ul	97
7) Acenaphthylene	13.93	152	1974	0.079	ng/ul#	91
8) Acenaphthene	14.27	153	559	0.029	ng/ul	94
9) Fluorene	15.27	166	725	0.033	ng/ul#	94
12) Phenanthrene	17.00	178	18950	0.546	ng/ul	100
13) Anthracene	17.09	178	3590	0.118	ng/ul	96
15) Fluoranthene	19.03	202	45918	1.002	ng/ul	97
17) Pyrene	19.39	202	47772	1.072	ng/ul	97
18) Benzo(a)anthracene	21.15	228	25826	0.635	ng/ul	97
19) Chrysene	21.20	228	29116	0.583	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	29203m	0.962	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	10281m	0.299	ng/ul	
23) Benzo(a)pyrene	23.24	252	20930	0.655	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	12105	0.322	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	2836	0.095	ng/ul#	80
26) Benzo(a,h,i)perylene	26.14	276	11839	0.343	ng/ul	97

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

JU 10/25/19