

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022036.D

Acq On : 12 Aug 2019 17:43

Operator : HP/JU

Sample : K4029-21DL 10X

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 12 18:42:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 12 18:02:08 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sample Id :

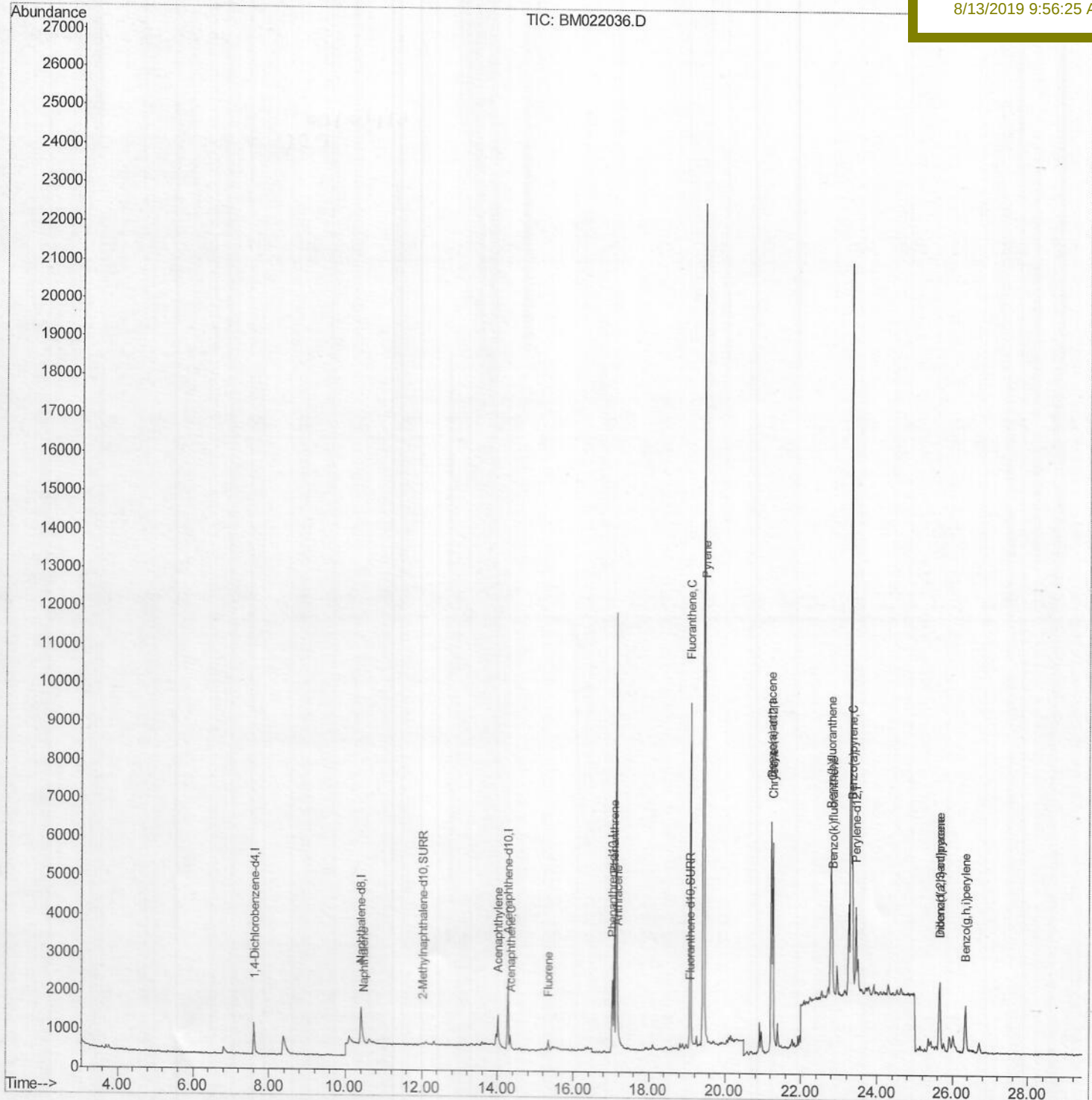
BENWODL

Manual Integrations

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Sohil

8/13/2019 9:56:25 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

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Acq On : 12 Aug 2019 17:43

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Quant Time: Aug 12 18:35:50 2019

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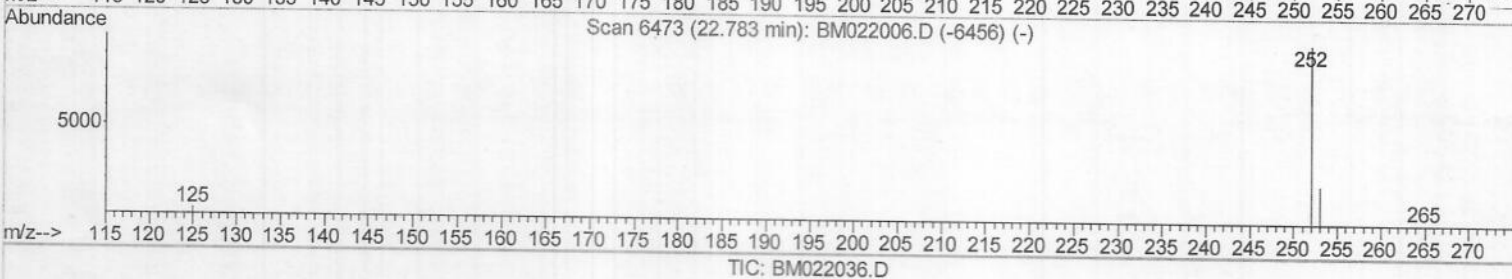
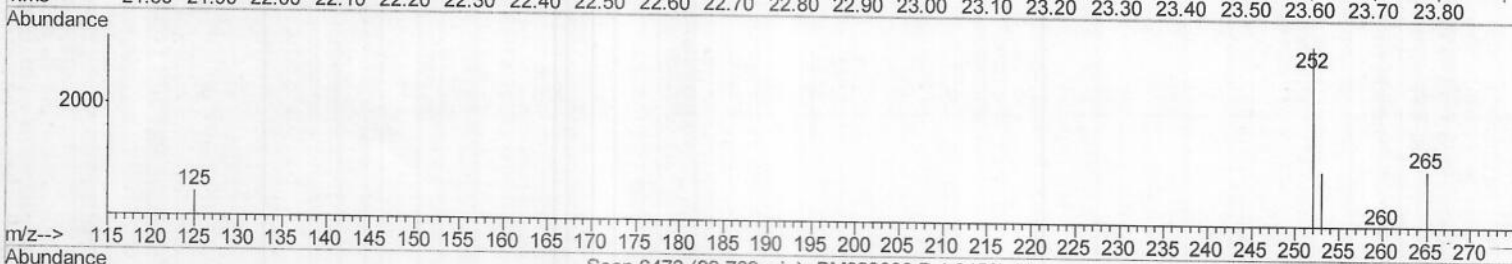
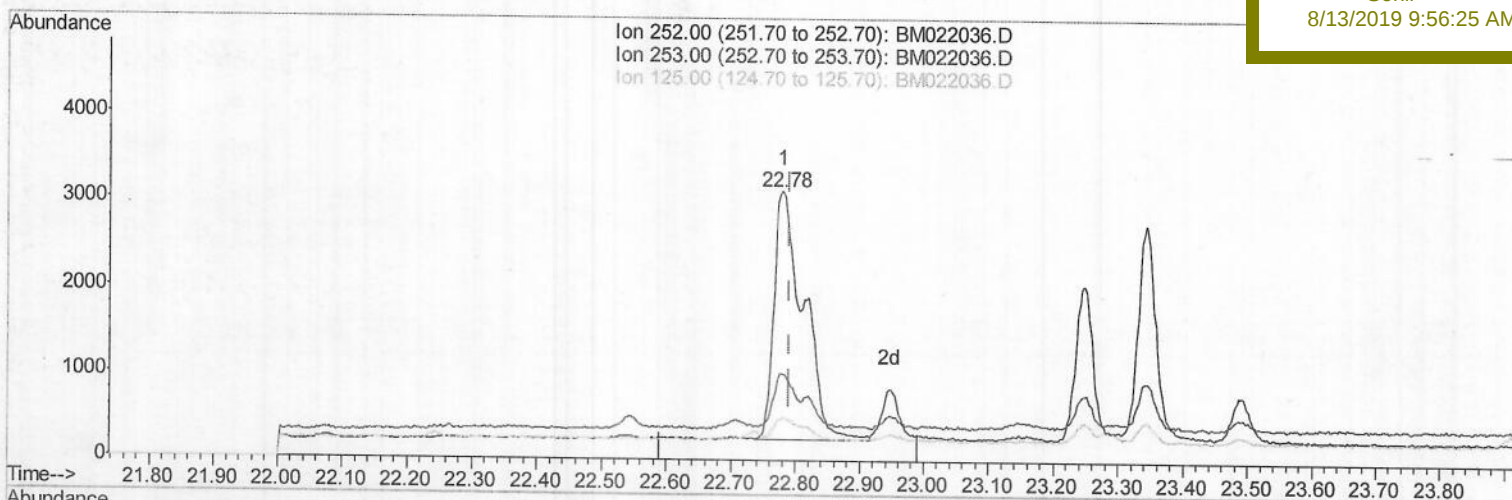
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

BENWODL

Manual Integrations
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8/13/2019 9:56:25 AM

(21) Benzo(b)fluoranthene

22.781min (-0.010) 0.94ng/ul

response 9257

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.18
125.00	15.50	15.90
0.00	0.00	0.00

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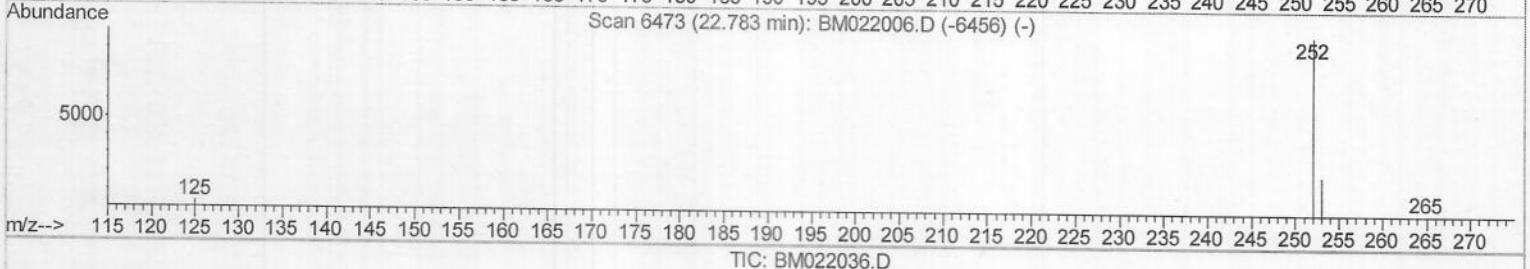
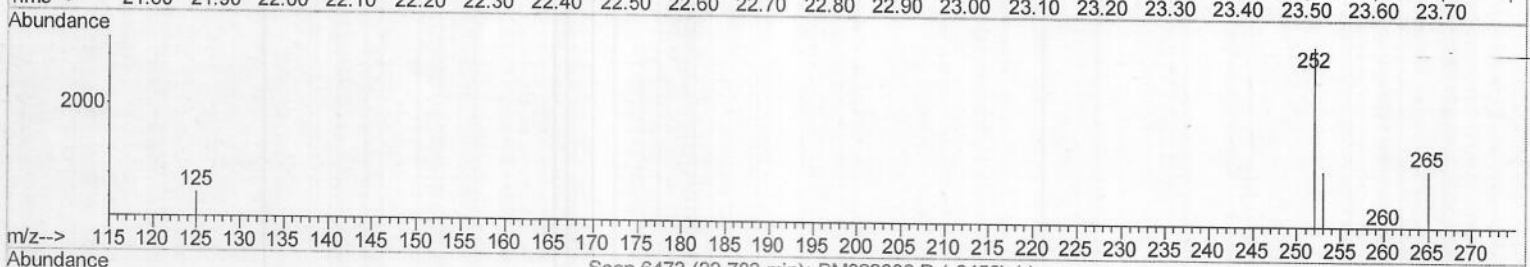
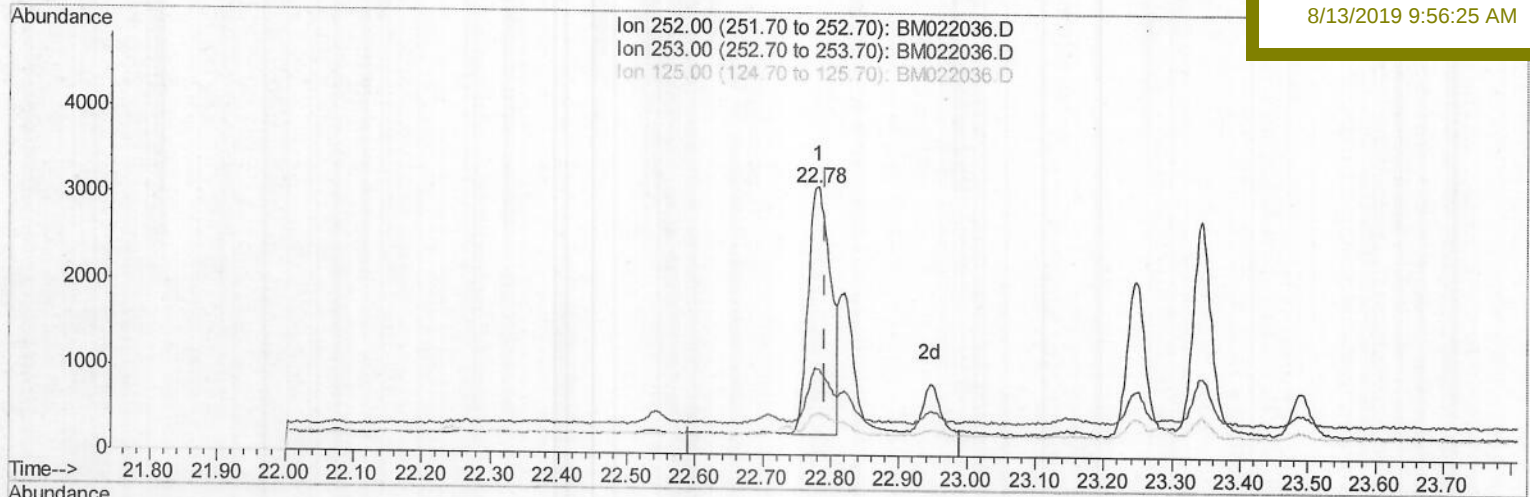
Client Sampled :

BENWODL

Manual Integrations
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Sohil

8/13/2019 9:56:25 AM



(21) Benzo(b)fluoranthene

22.781min (-0.010) 0.66ng/ul m³⁰
08/13/19

response 6489

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.18
125.00	15.50	15.90
0.00	0.00	0.00

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Operator : HP/JU

Sample : K4029-21DL 10X

Misc :

ALS Vial : 16 Sample Multiplier: 1

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Instrument :

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Client Sampled :

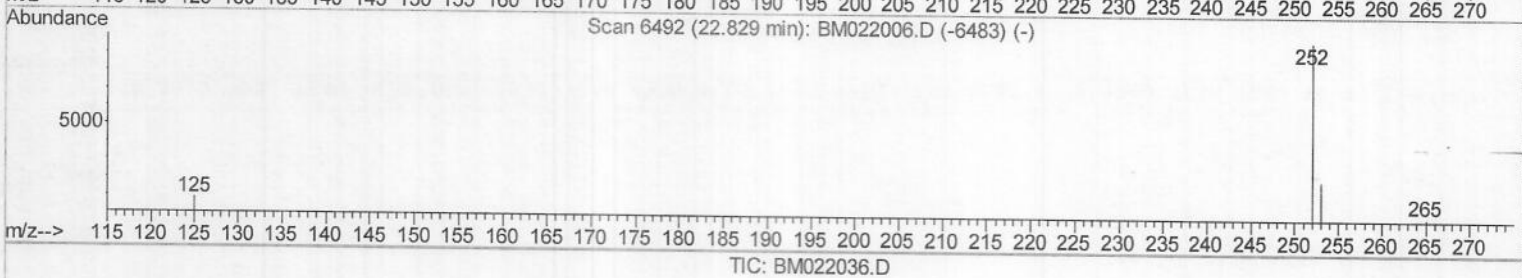
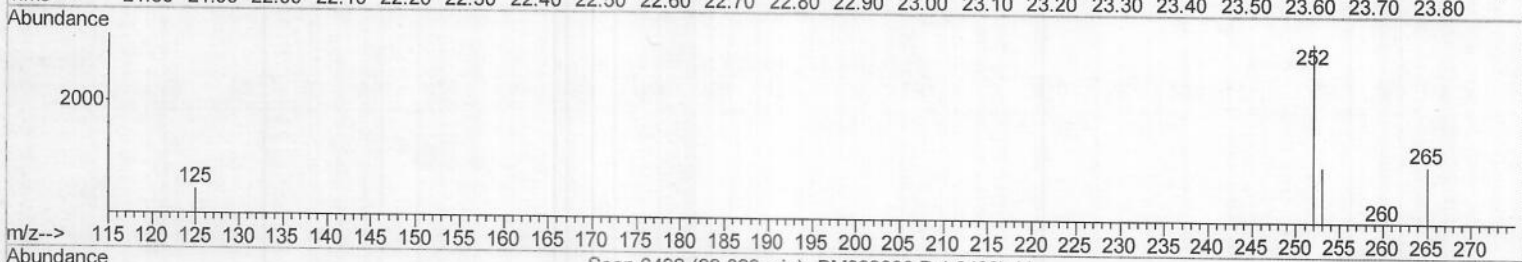
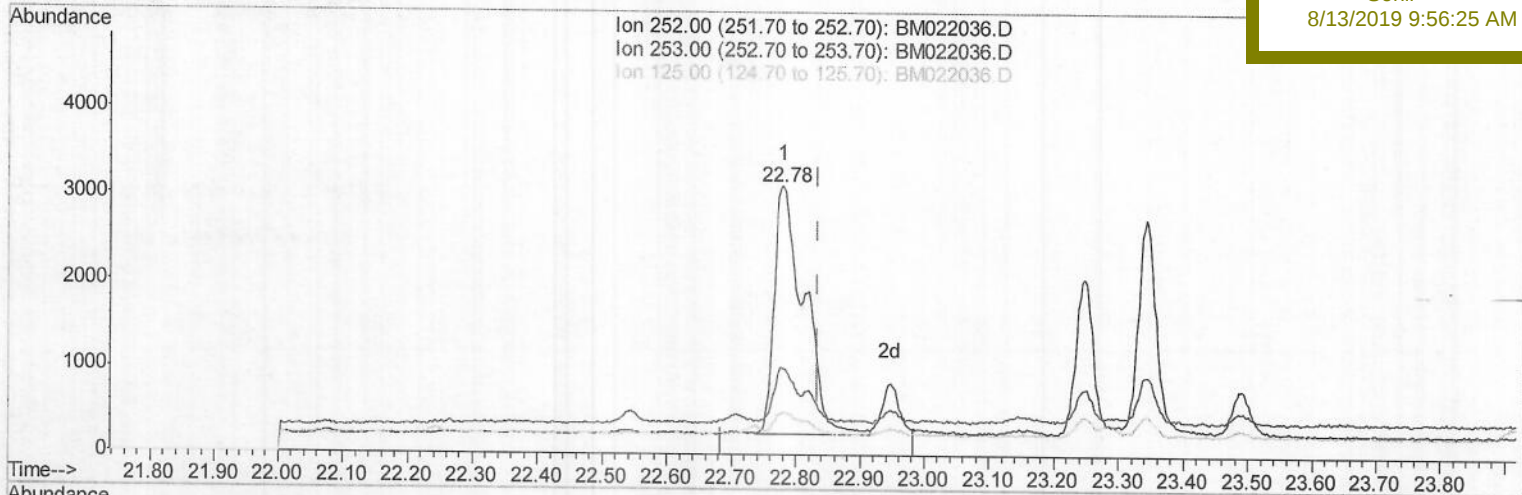
BENWODL

Manual Integrations

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Sohil

8/13/2019 9:56:25 AM



(22) Benzo(k)fluoranthene

22.781min (-0.053) 0.83ng/ul

response 9257

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.18
125.00	15.20	15.90
0.00	0.00	0.00

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Acq On : 12 Aug 2019 17:43

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Sample : K4029-21DL 10X

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 12 18:35:50 2019

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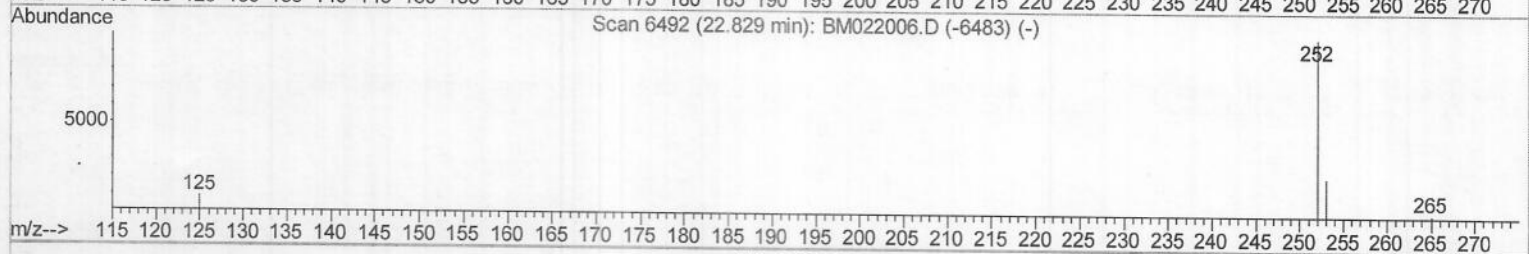
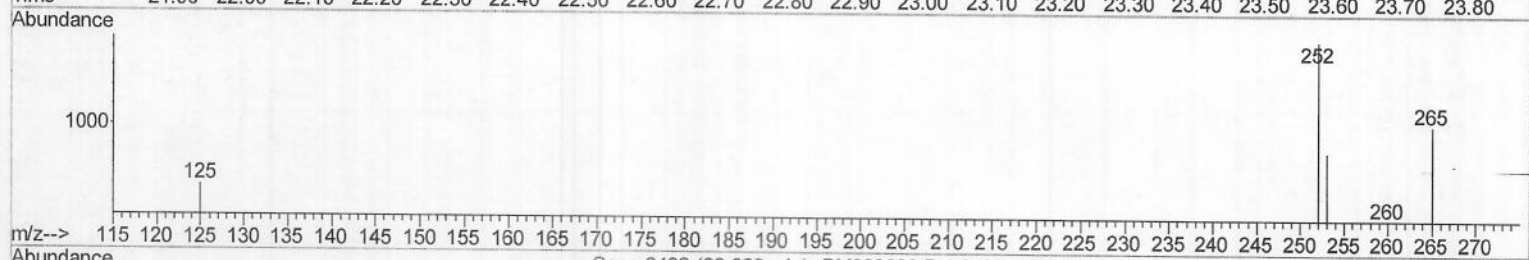
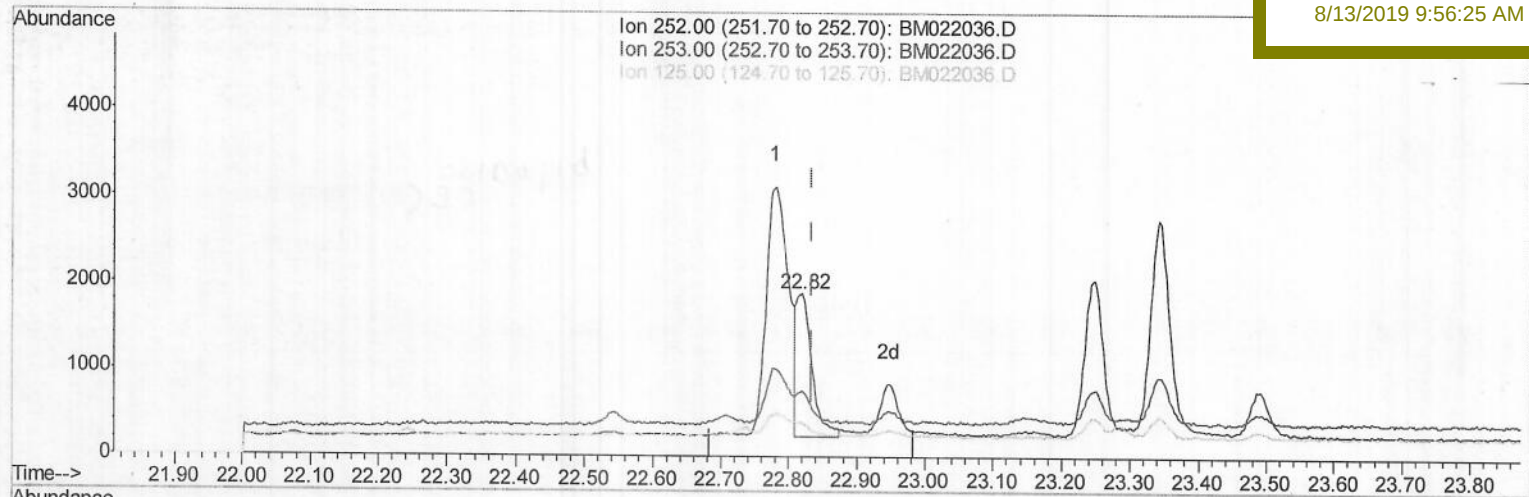
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

BENWODL

Manual Integrations
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8/13/2019 9:56:25 AM

TIC: BM022036.D

(22) Benzo(k)fluoranthene

22.820min (-0.014) 0.24ng/ul m *HP 8/13/19*

response 2714

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	39.98
125.00	15.20	20.15#
0.00	0.00	0.00

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 QLast Update : Mon Aug 12 18:02:08 2019
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Instrument :
 BNA_M
 ClientSampleId :
 BENW0DL

Manual Integrations
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Sohil
 8/13/2019 9:56:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	579	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	2268	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	1227	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	2615	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	2644	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	2935	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	103	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	272	0.03	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.47	128	137	0.021	ng/ul#	2
7) Acenaphthylene	13.99	152	531	0.093	ng/ul#	73
8) Acenaphthene	14.33	153	222	0.047	ng/ul	90
9) Fluorene	15.33	166	238	0.046	ng/ul#	90
12) Phenanthrene	17.07	178	4263	0.560	ng/ul	99
13) Anthracene	17.17	178	1053	0.162	ng/ul#	87
15) Fluoranthene	19.09	202	9041	0.887	ng/ul	99
17) Pyrene	19.46	202	9732	0.896	ng/ul	99
18) Benzo(a)anthracene	21.21	228	5725	0.605	ng/ul	96
19) Chrysene	21.27	228	5281	0.434	ng/ul	96
21) Benzo(b)fluoranthene	22.78	252	6489m)	0.656	ng/ul	) 50 08/13/19
22) Benzo(k)fluoranthene	22.82	252	2714m)	0.242	ng/ul	
23) Benzo(a)pyrene	23.34	252	4835	0.480	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.66	276	3088	0.257	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.66	278	844	0.087	ng/ul#	48
26) Benzo(g,h,i)perylene	26.34	276	2641	0.244	ng/ul#	90

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