

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

Data File : BM022022.D

Acq On : 12 Aug 2019 09:11

Operator : HP/JU

Sample : K4028-02DL 5X

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 12 14:12:24 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 : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration

Instrument :

BNA_M

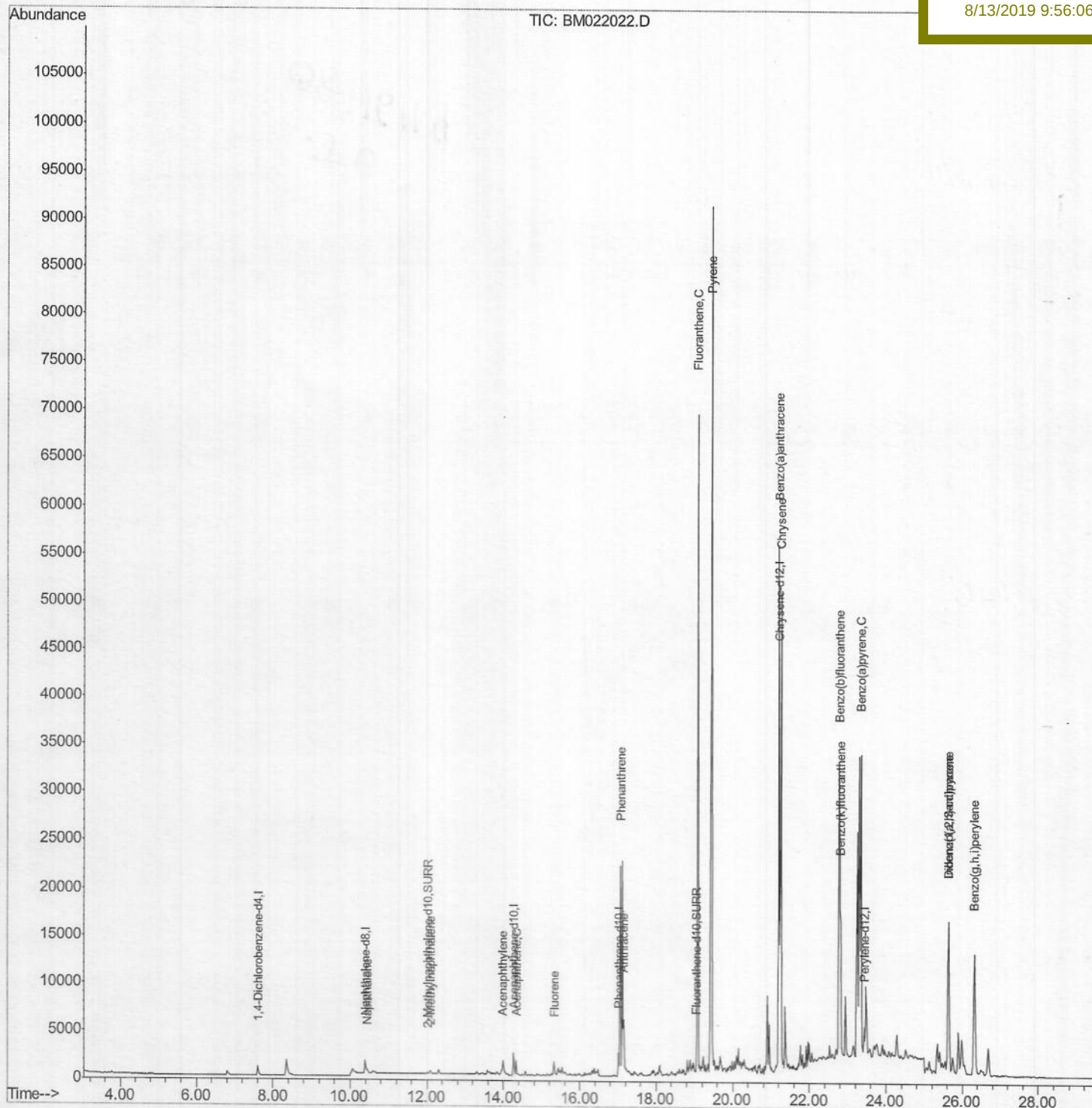
ClientSampleId :

BEP68DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:56:06 AM



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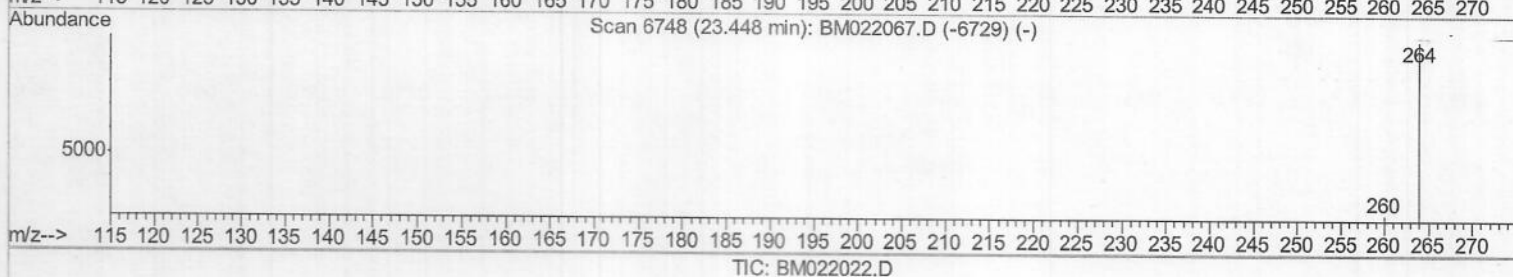
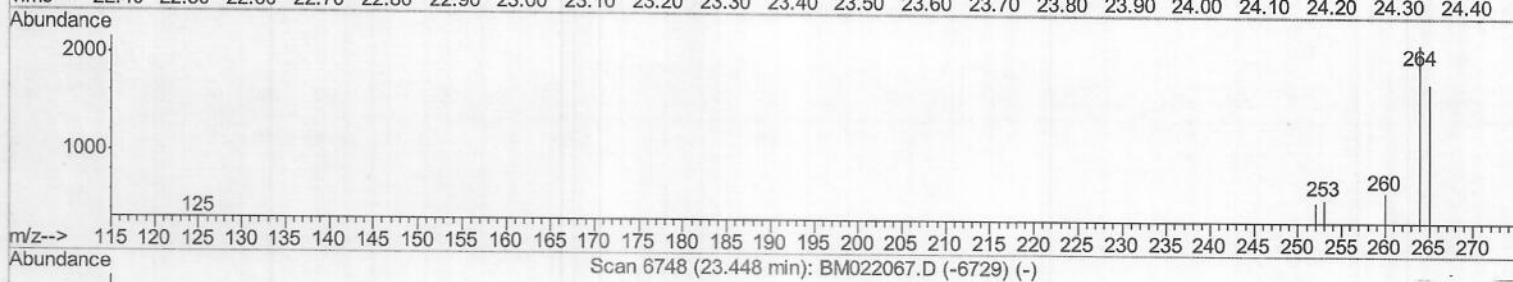
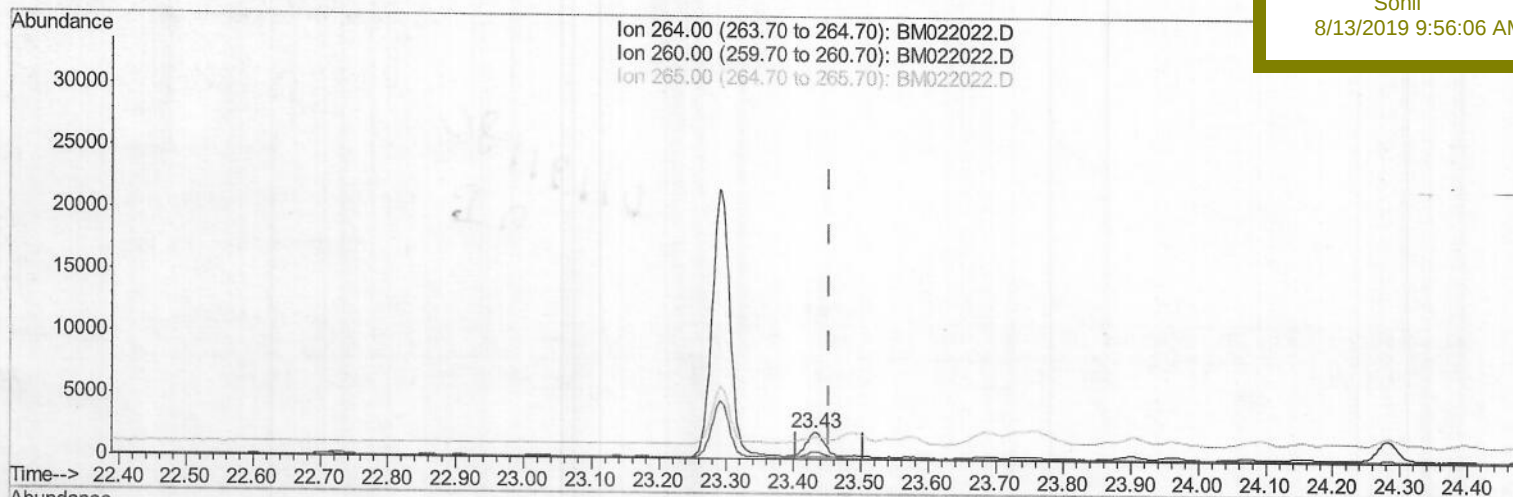
BEP68DL

Manual Integrations

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Sohil

8/13/2019 9:56:06 AM



(20) Perylene-d12 (I)

23.431min (-0.023) 0.40ng/ul

response 3534

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.86
265.00	117.00	81.38#
0.00	0.00	0.00

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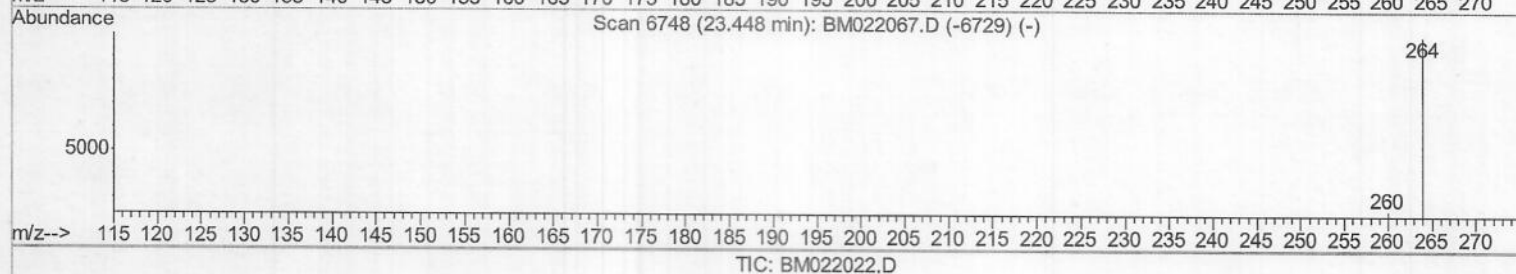
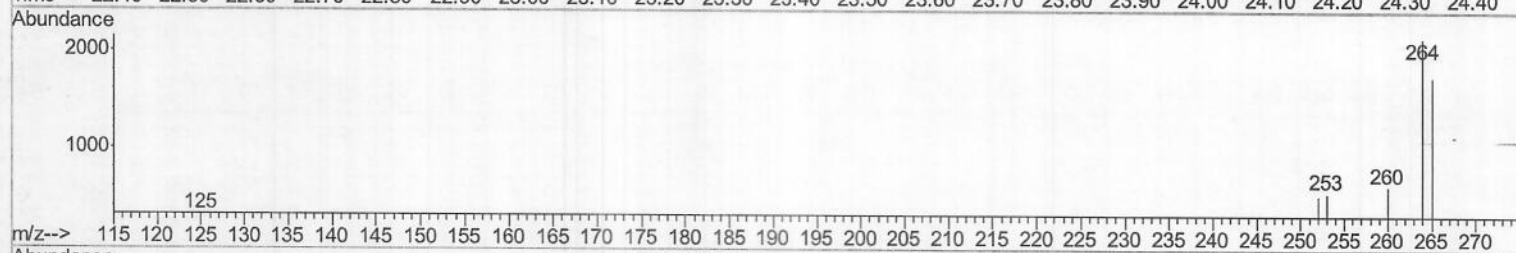
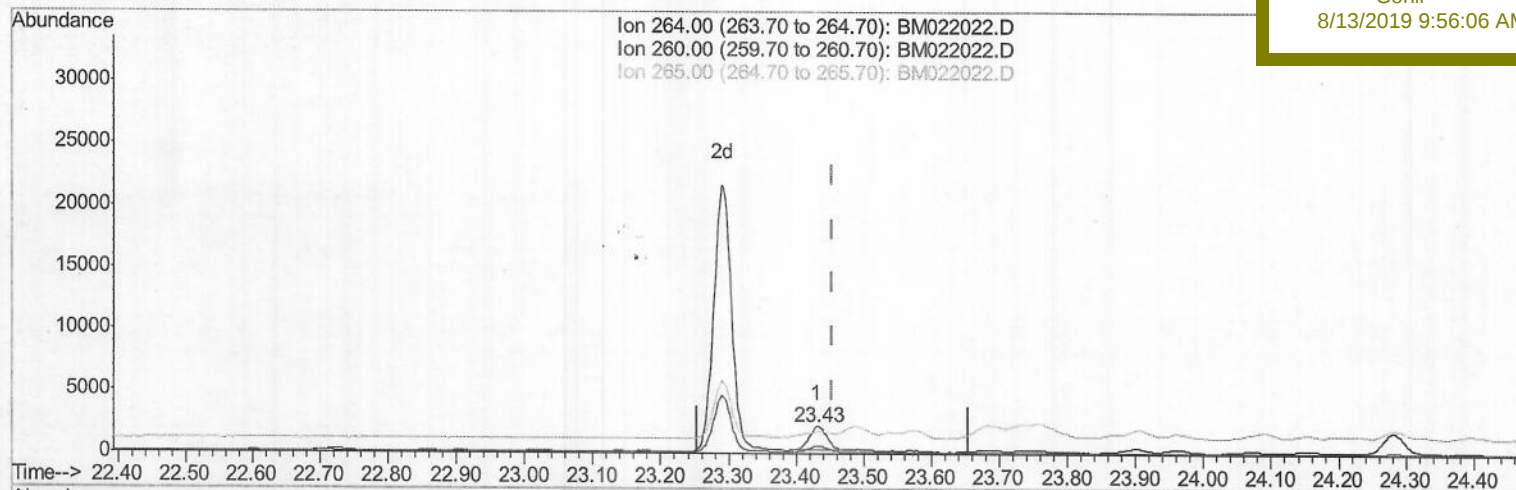
ClientSampleId :

BEP68DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:56:06 AM



(20) Perylene-d12 (I)

23.431min (-0.024) 0.40ng/ul m

response 3477

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.86
265.00	117.00	81.38#
0.00	0.00	0.00

JU
08/15/19

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

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Acq On : 12 Aug 2019 09:11

Operator : HP/JU

Sample : K4028-02DL 5X

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 13 18:49:32 2019

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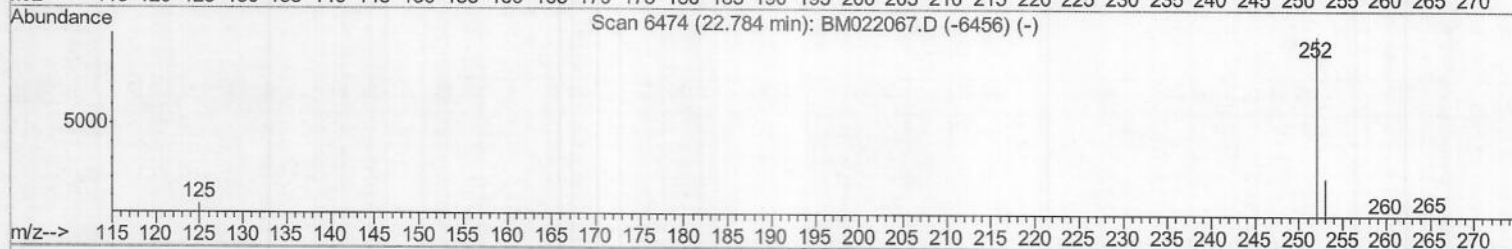
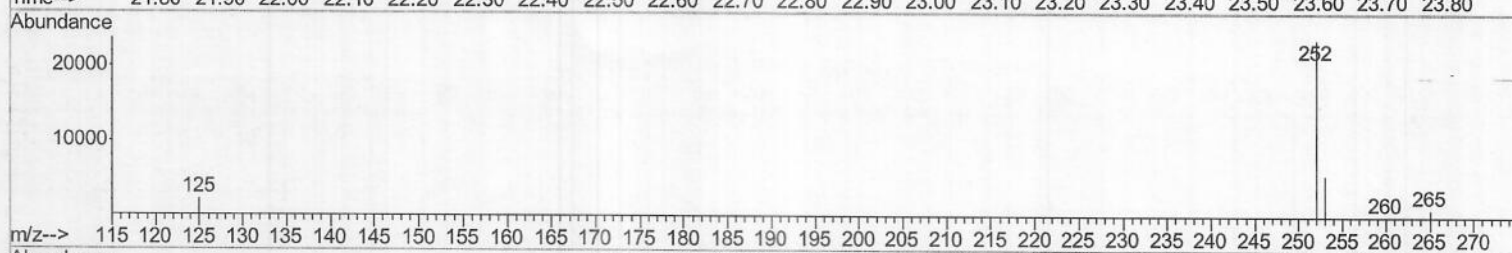
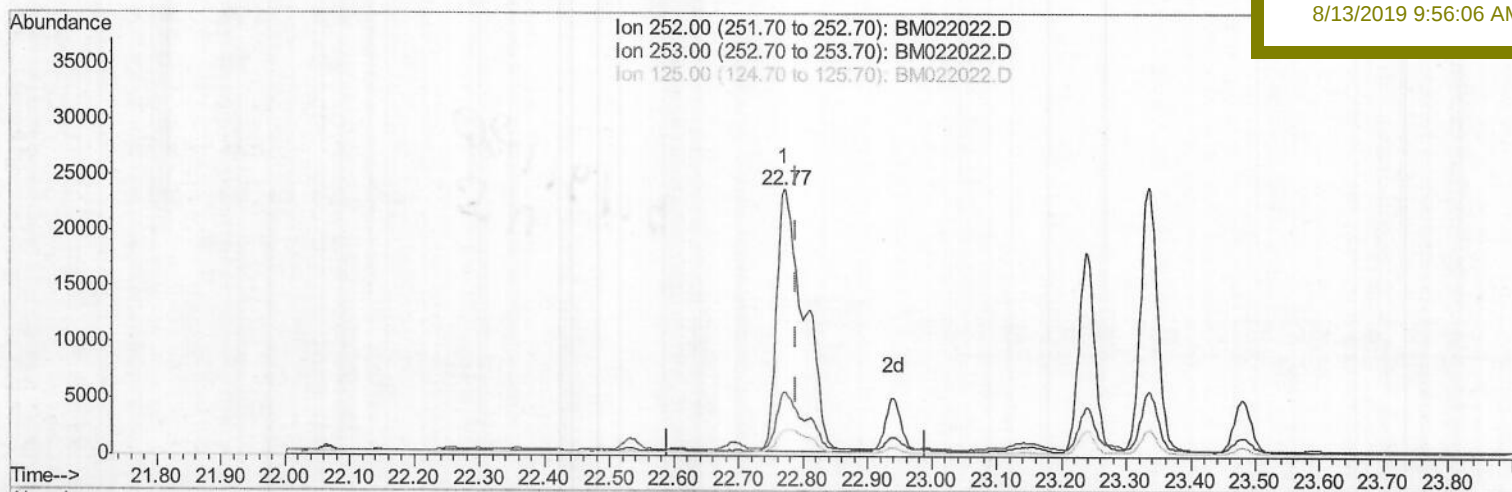
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

BEP68DL

Manual Integrations
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8/13/2019 9:56:06 AM

TIC: BM022022.D

(21) Benzo(b)fluoranthene

22.772min (-0.019) 5.86ng/ul

response 69851

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.94
125.00	15.50	9.36
0.00	0.00	0.00

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Acq On : 12 Aug 2019 09:11

Operator : HP/JU

Sample : K4028-02DL 5X

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 12 14:12:24 2019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration

Instrument :

BNA_M

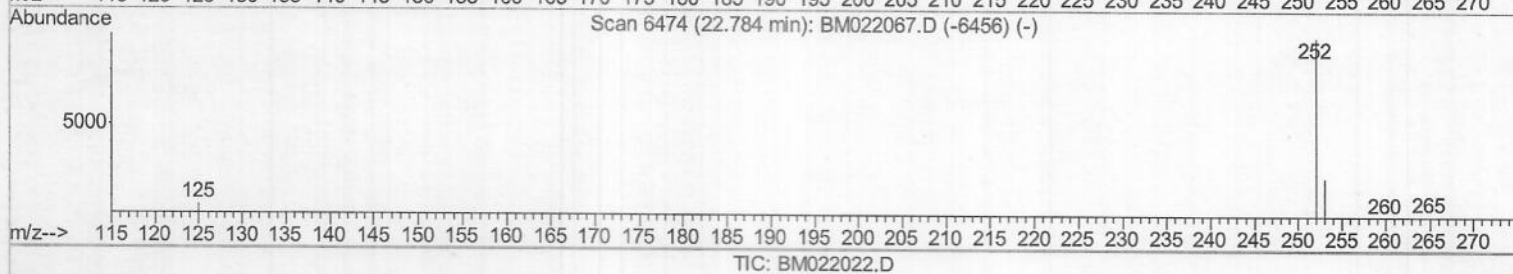
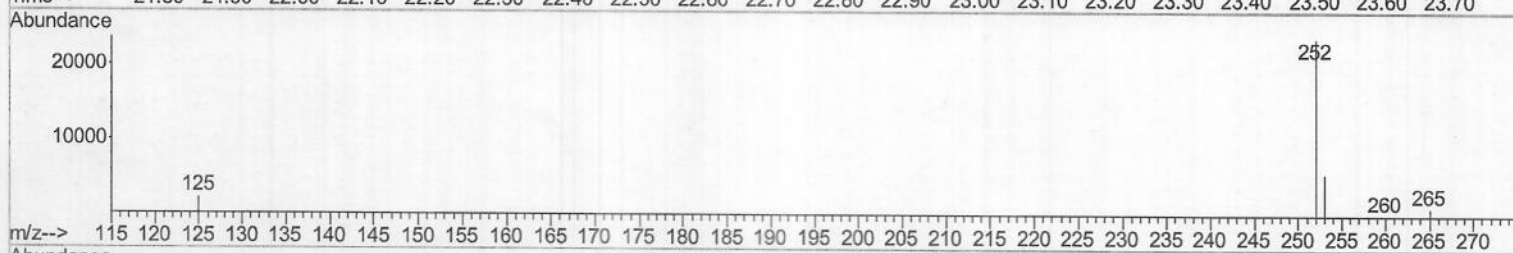
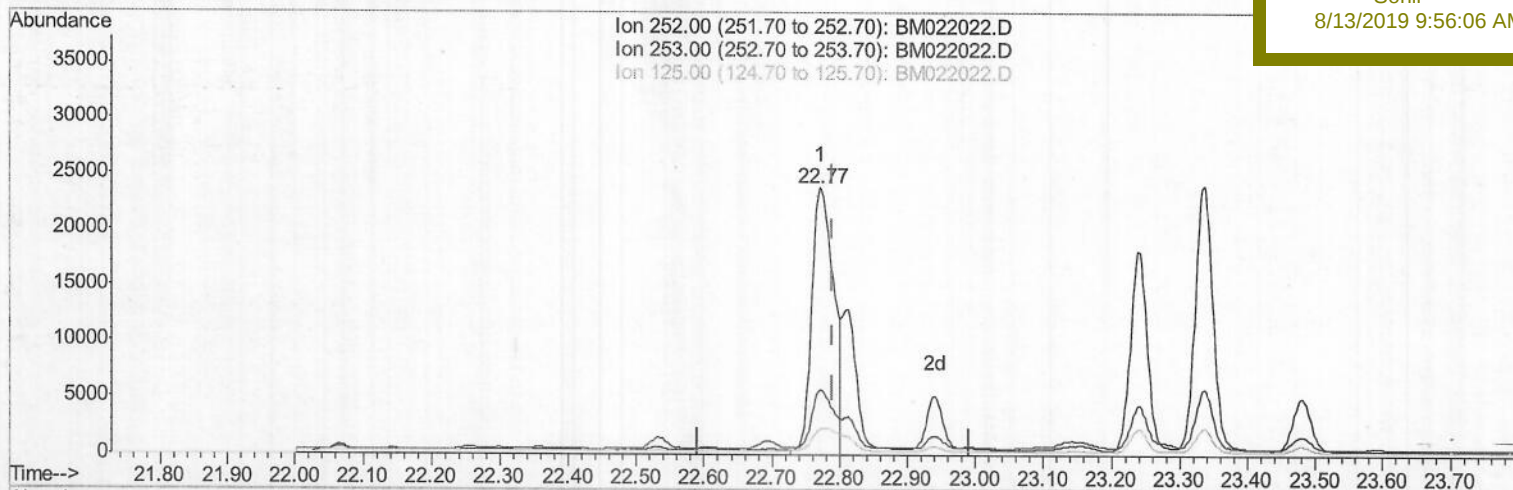
ClientSampleId :

BEP68DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:56:06 AM



(21) Benzo(b)fluoranthene

22.772min (-0.019) 4.53ng/ul m) JU

response 53080

08/16/19

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.94
125.00	15.50	9.36
0.00	0.00	0.00

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

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Operator : HP/JU

Sample : K4028-02DL 5X

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 13 18:49:32 2019

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Instrument :

BNA_M

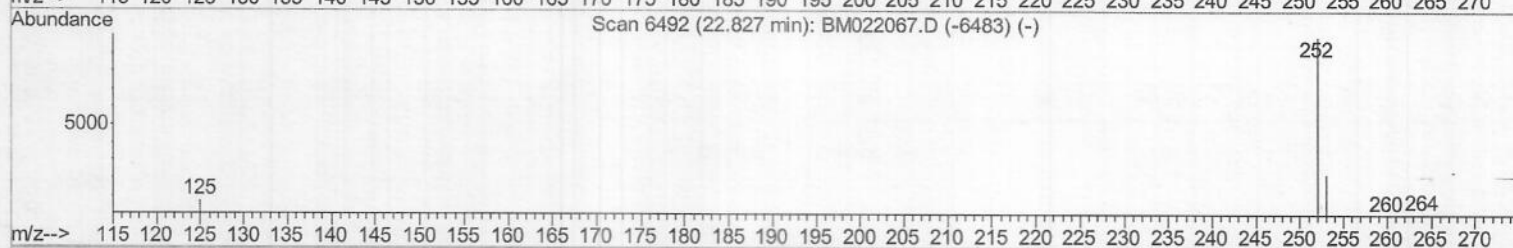
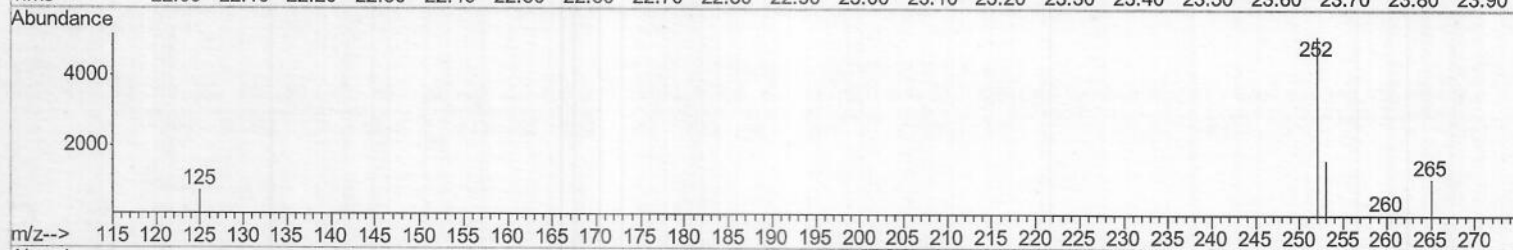
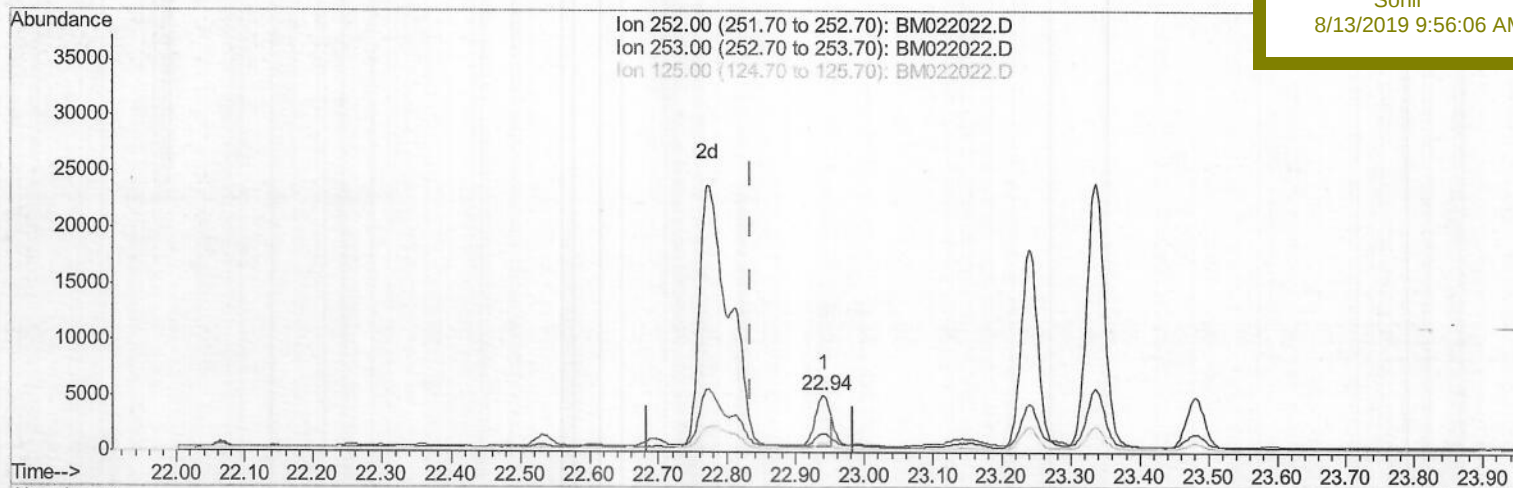
ClientSampleId :

BEP68DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:56:06 AM



TIC: BM022022.D

(22) Benzo(k)fluoranthene

22.941min (+0.107) 0.48ng/ul

response 6417

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.71
125.00	15.20	14.79
0.00	0.00	0.00

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Acq On : 12 Aug 2019 09:11

Operator : HP/JU

Sample : K4028-02DL 5X

Misc :

ALS Vial : 3 Sample Multiplier: 1

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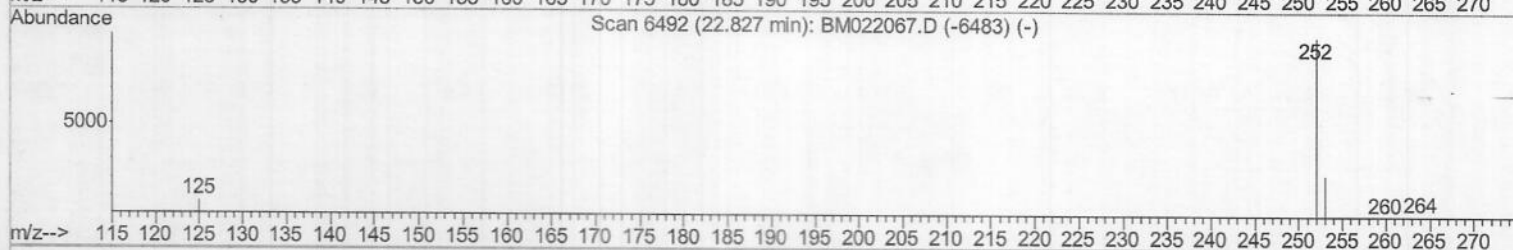
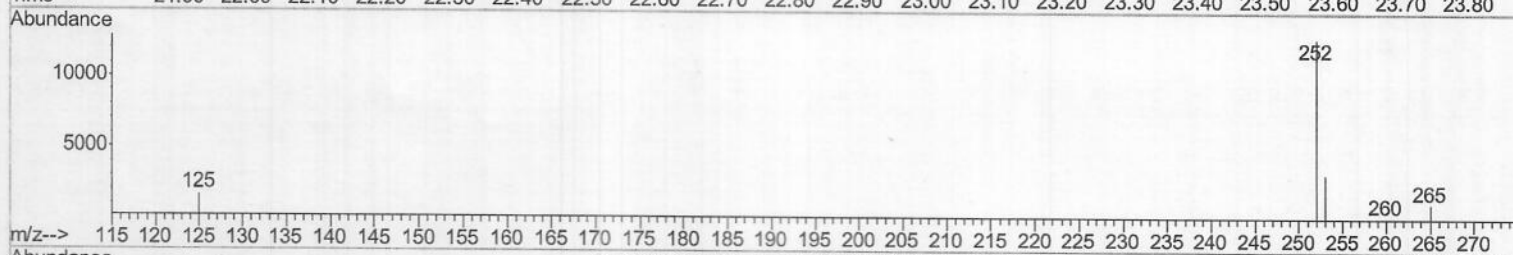
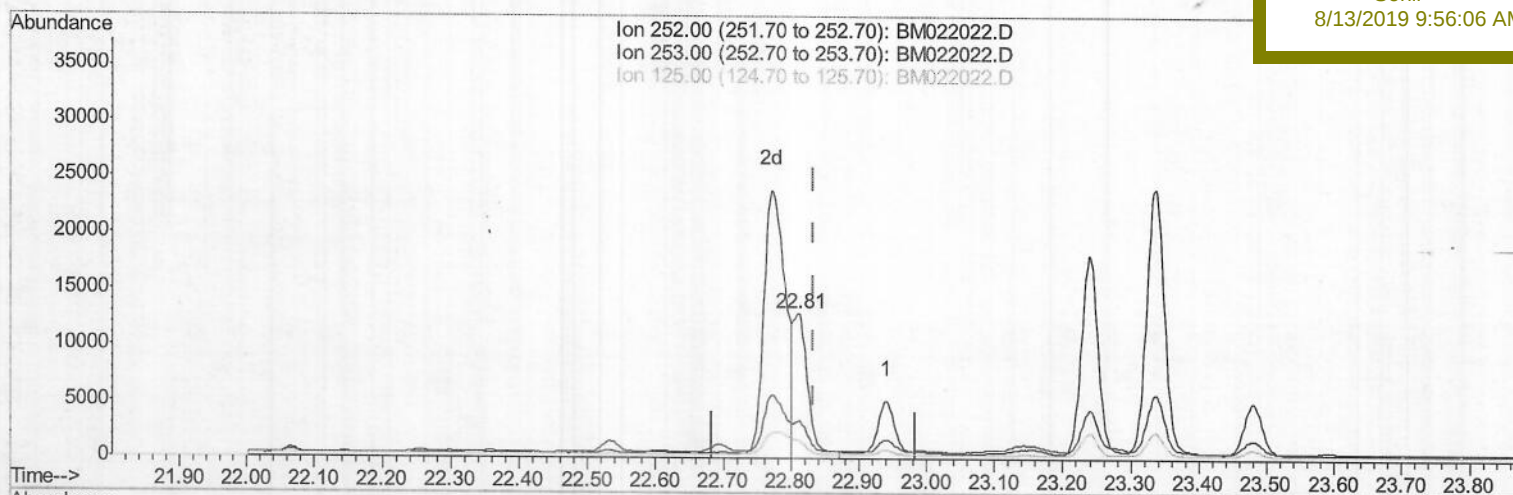
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BEP68DL

Manual Integrations
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8/13/2019 9:56:06 AM

TIC: BM022022.D

(22) Benzo(k)fluoranthene

22.810min (-0.024) 1.52ng/ul m)JU
08/16/19

response 20196

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.63#
125.00	15.20	12.70
0.00	0.00	0.00

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 Data File : BM022022.D
 Acq On : 12 Aug 2019 09:11
 Operator : HP/JU
 Sample : K4028-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 12 14:12:24 2019
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 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BEP68DL

Manual Integrations
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 8/13/2019 9:56:06 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	599	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	2516	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1378	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3131	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3164	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	3477m	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	163	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	516	0.05	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	596	0.084	ng/ul#	72
5) 2-Methylnaphthalene	12.09	142	387	0.082	ng/ul	93
7) Acenaphthylene	13.99	152	1802	0.280	ng/ul#	84
8) Acenaphthene	14.33	153	1027	0.195	ng/ul	98
9) Fluorene	15.32	166	1054	0.180	ng/ul#	98
12) Phenanthrene	17.06	178	23593	2.590	ng/ul	96
13) Anthracene	17.16	178	6065	0.780	ng/ul	98
15) Fluoranthene	19.08	202	59308	4.860	ng/ul	96
17) Pyrene	19.45	202	76986	5.921	ng/ul	99
18) Benzo(a)anthracene	21.21	228	46404	4.100	ng/ul	99
19) Chrysene	21.26	228	50555	3.473	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	53080m	4.527	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	20196m	1.522	ng/ul	
23) Benzo(a)pyrene	23.34	252	42998	3.606	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.64	276	24583	1.727	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	7469	0.649	ng/ul	100
26) Benzo(g,h,i)perylene	26.32	276	26246	2.048	ng/ul	97

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