

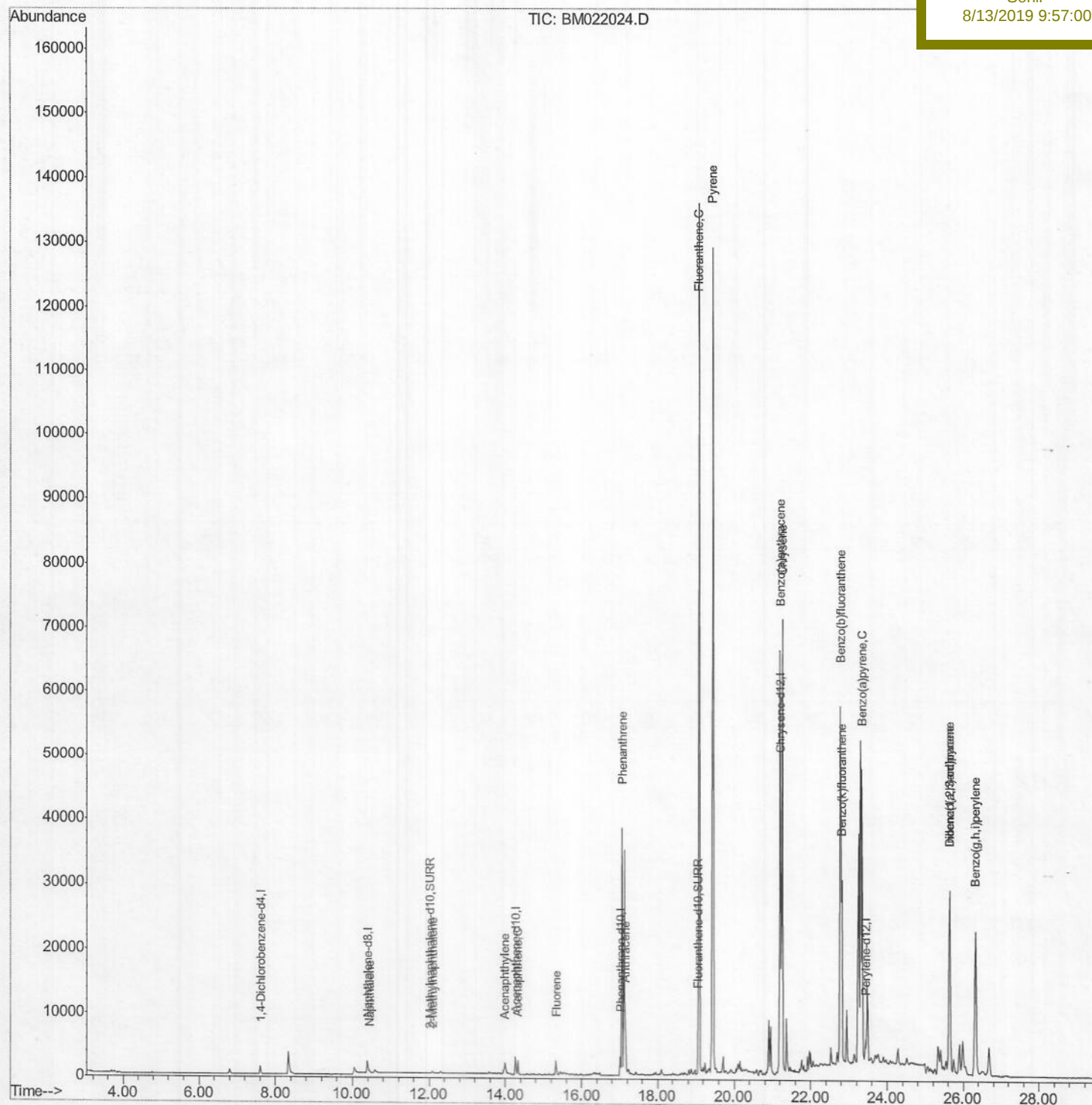
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\  
Data File : BM022024.D  
Acq On    : 12 Aug 2019 10:24  
Operator  : HP/JU  
Sample    : K4028-06DL 5X  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

Quant Time: Aug 12 14:19:01 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 14:06:59 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations

Sohil
8/13/2019 9:57:00 AM



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

Data File : BM022024.D

Acq On : 12 Aug 2019 10:24

Operator : HP/JU

Sample : K4028-06DL 5X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 18:52:49 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 : Tue Aug 13 18:40:42 2019

Response via : Initial Calibration

Instrument :

BNA_M

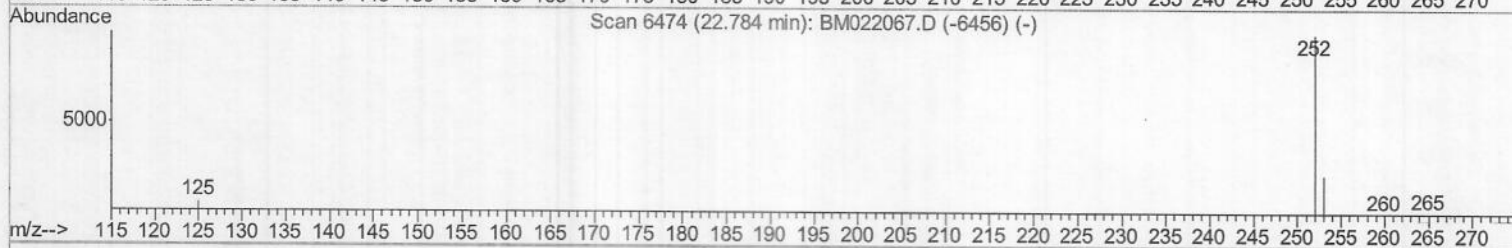
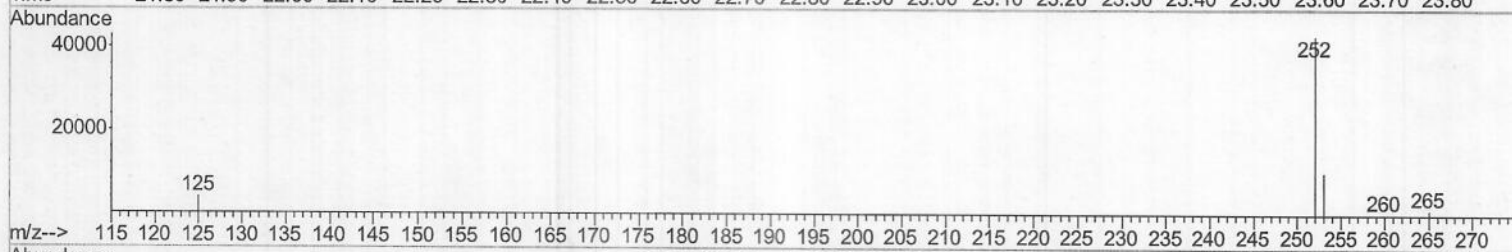
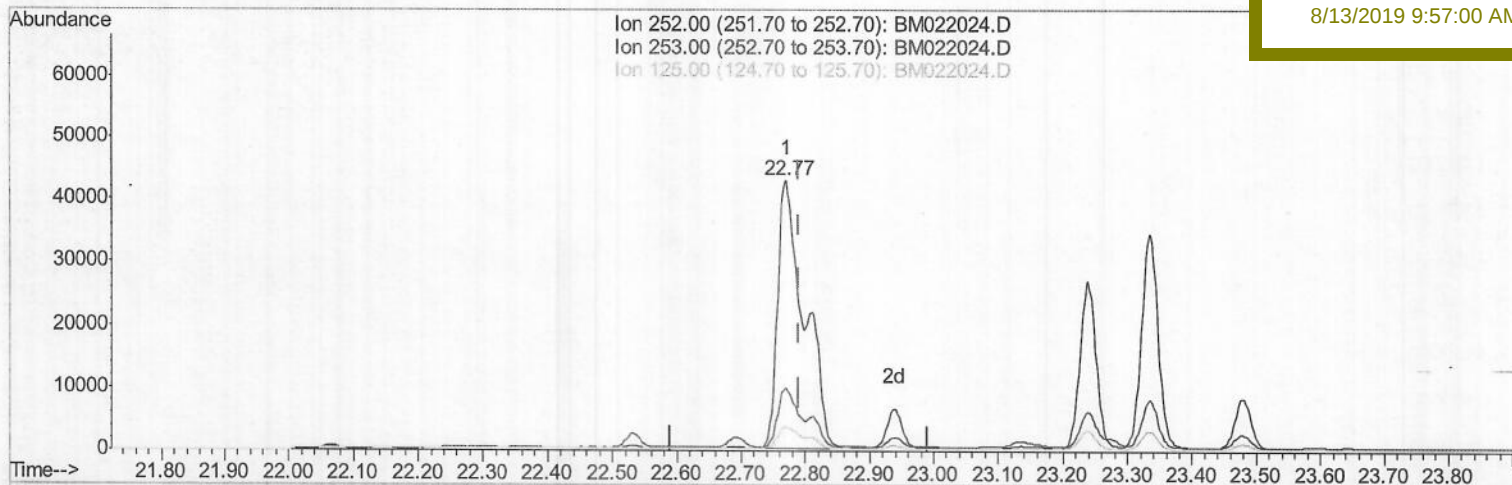
ClientSampleId :

BENY8DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:57:00 AM



TIC: BM022024.D

(21) Benzo(b)fluoranthene

22.771min (-0.020) 7.79ng/ul

response 124669

Ion	Exp%	Act%
-----	------	------

252.00	100	100
--------	-----	-----

253.00	33.70	23.24
--------	-------	-------

125.00	15.50	8.88
--------	-------	------

0.00	0.00	0.00
------	------	------

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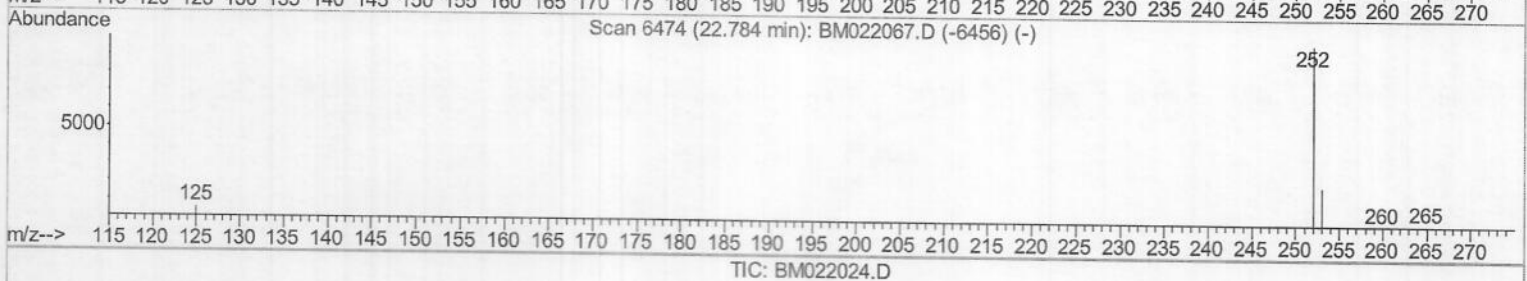
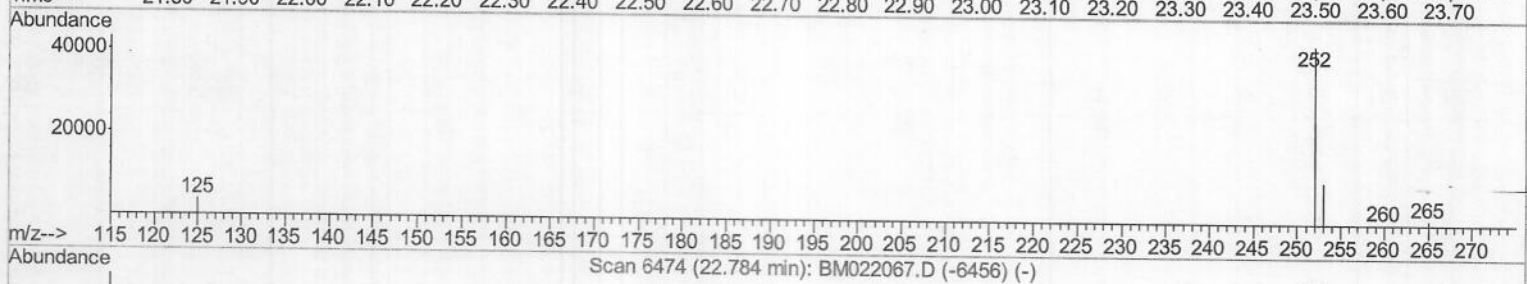
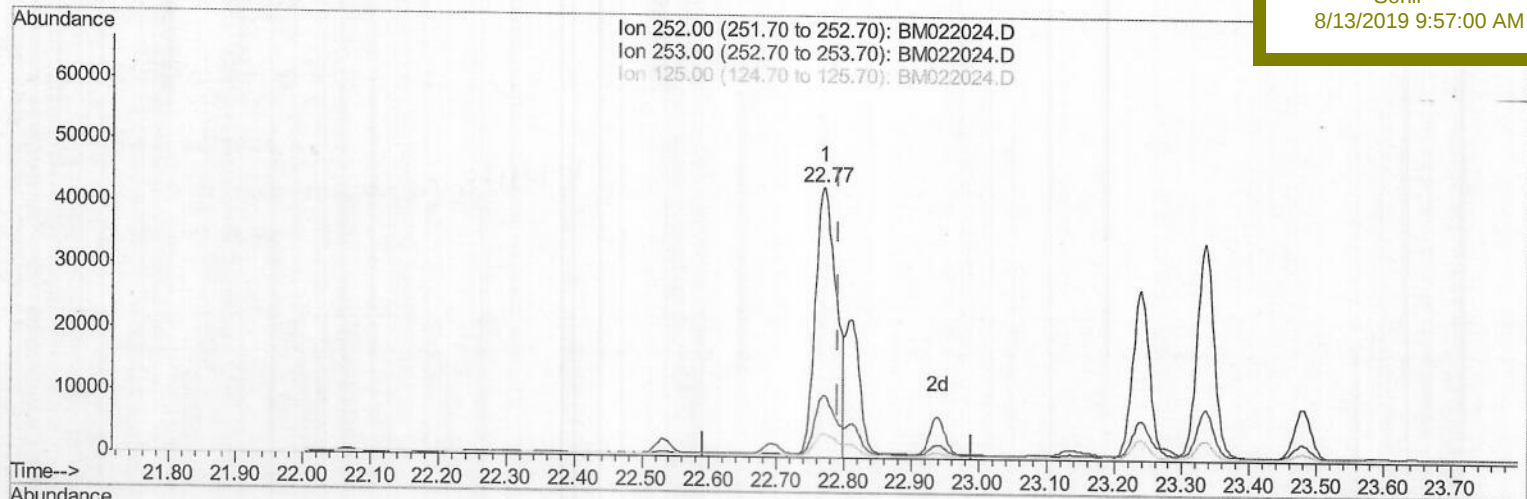
BENY8DL

Manual Integrations

APPROVED

Sohil

8/13/2019 9:57:00 AM



(21) Benzo(b)fluoranthene

22.771min (-0.020) 6.47ng/ul m) JU
08/16/19

response 92275

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.24
125.00	15.50	8.88
0.00	0.00	0.00

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

Data File : BM022024.D

Acq On : 12 Aug 2019 10:24

Operator : HP/JU

Sample : K4028-06DL 5X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 18:52:49 2019

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

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Instrument :

BNA_M

ClientSampleId :

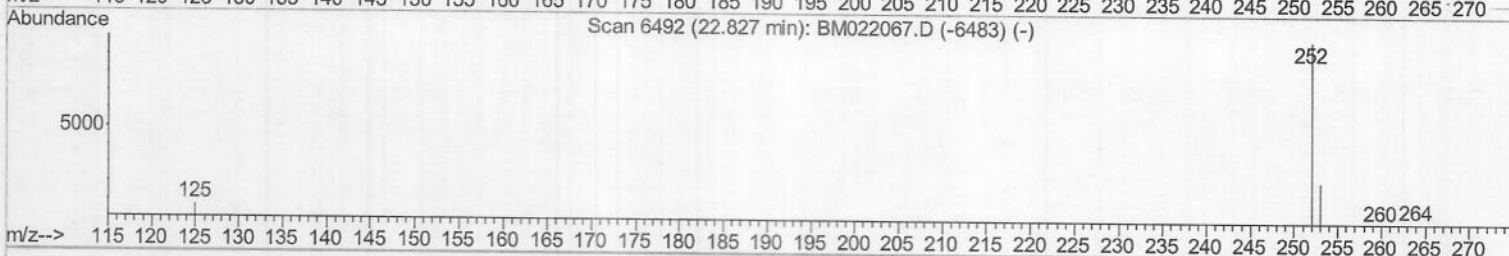
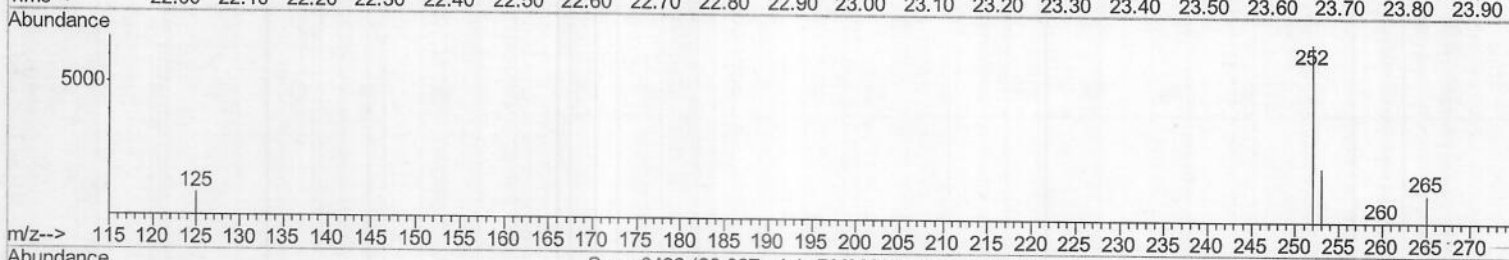
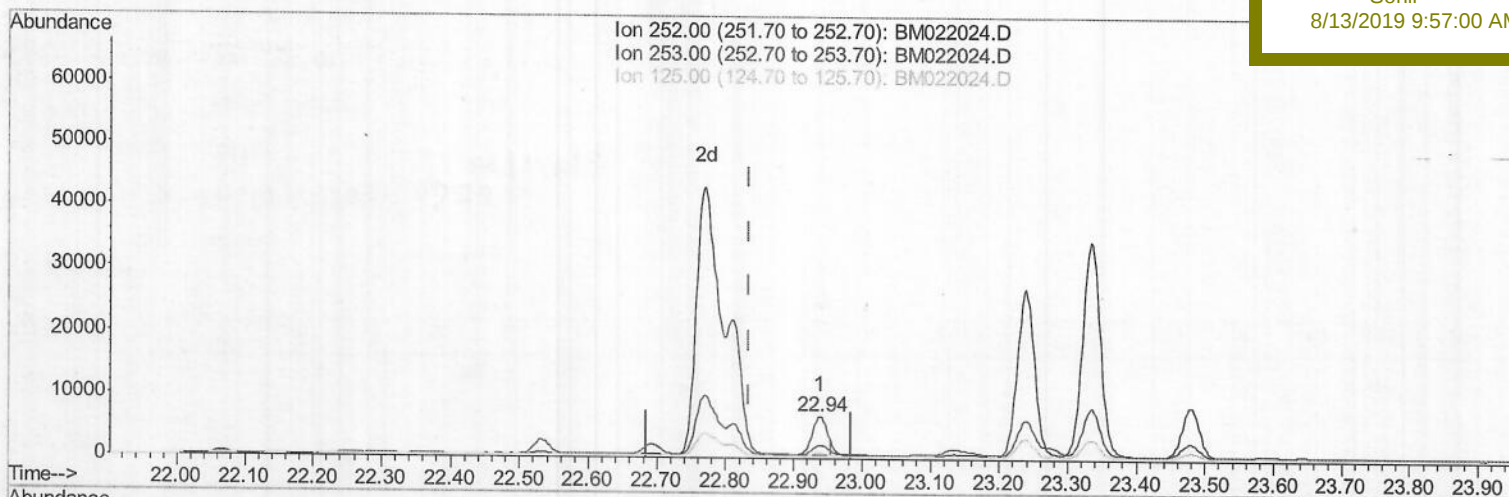
BENY8DL

Manual Integrations

APPROVED

Sohil

8/13/2019 9:57:00 AM



TIC: BM022024.D

(22) Benzo(k)fluoranthene

22.938min (+0.104) 0.49ng/ul

response 8958

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.04
125.00	15.20	14.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM022024.D

Acq On : 12 Aug 2019 10:24

Operator : HP/JU

Sample : K4028-06DL 5X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 14:19:01 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 14:06:59 2019

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Instrument :

BNA_M

ClientSampleId :

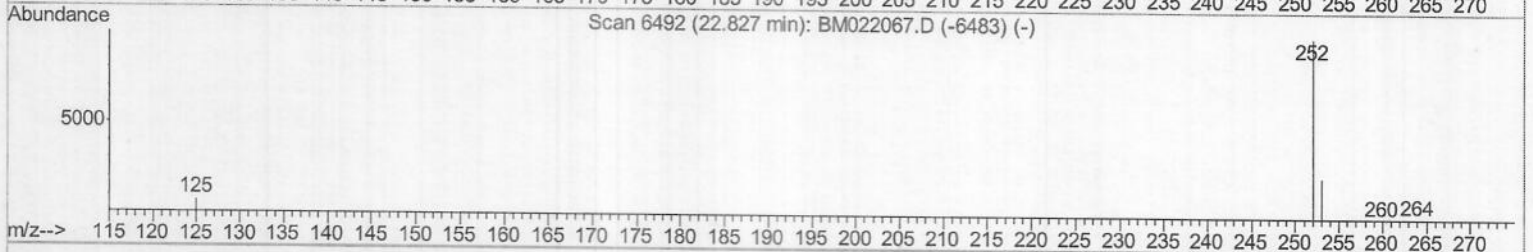
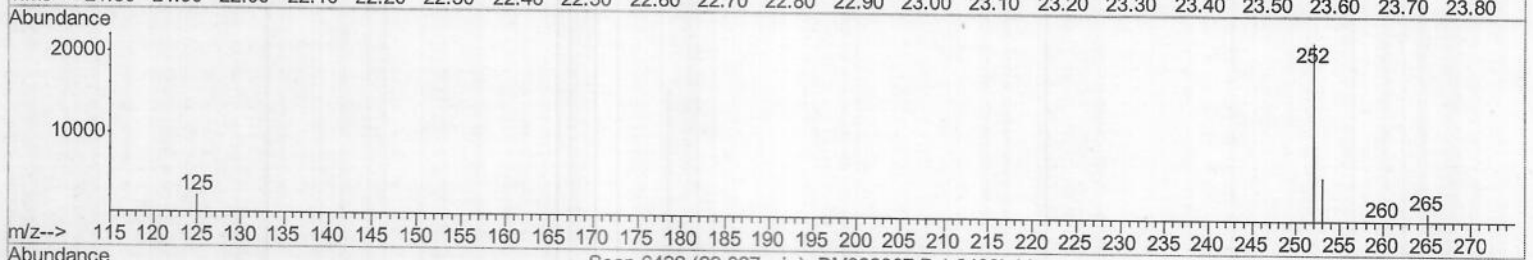
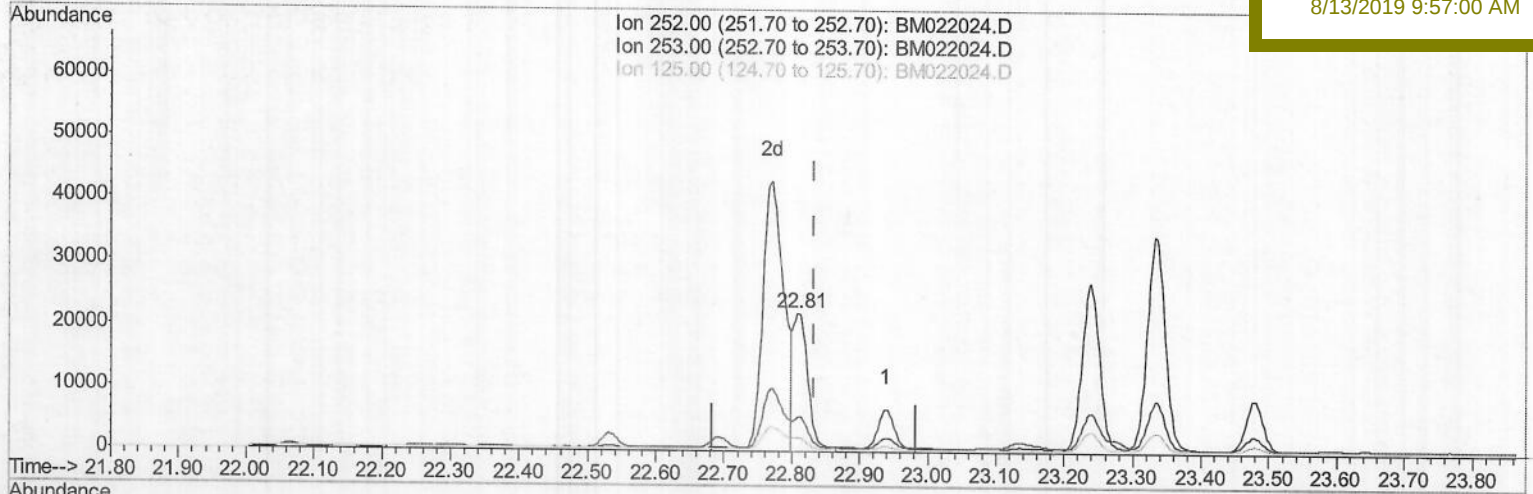
BENY8DL

Manual Integrations

APPROVED

Sohil

8/13/2019 9:57:00 AM



TIC: BM022024.D

(22) Benzo(k)fluoranthene

22.810min (-0.024) 2.19ng/ul m) JU

response 35382

Ion Exp% Act%

252.00 100 100

253.00 33.70 24.76#

125.00 15.20 9.71#

0.00 0.00 0.00

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 Operator : HP/JU
 Sample : K4028-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:57:00 AM

Quant Time: Aug 12 14:19:01 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 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	745	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3099	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1684	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3778	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3915	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4227	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	232	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	680	0.05	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	641	0.073	ng/ul#	81
5) 2-Methylnaphthalene	12.09	142	337	0.058	ng/ul	91
7) Acenaphthylene	13.99	152	2460	0.313	ng/ul#	84
8) Acenaphthene	14.33	153	1334	0.208	ng/ul	98
9) Fluorene	15.33	166	1598	0.224	ng/ul	99
12) Phenanthrene	17.06	178	40122	3.650	ng/ul	97
13) Anthracene	17.16	178	7312	0.780	ng/ul	98
15) Fluoranthene	19.08	202	120026	8.151	ng/ul	96
17) Pyrene	19.45	202	110971	6.898	ng/ul	98
18) Benzo(a)anthracene	21.21	228	56060	4.003	ng/ul	99
19) Chrysene	21.26	228	66866	3.713	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	92275m)	6.474	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	35382m)	2.193	ng/ul	
23) Benzo(a)pyrene	23.33	252	61490	4.242	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.64	276	45806	2.646	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	10993	0.786	ng/ul	95
26) Benzo(g,h,i)perylene	26.32	276	46762	3.001	ng/ul	96

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