

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

Data File : BM022027.D

Acq On : 12 Aug 2019 12:13

Operator : HP/JU

Sample : K4028-17DL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 14:24:33 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 14:07:26 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

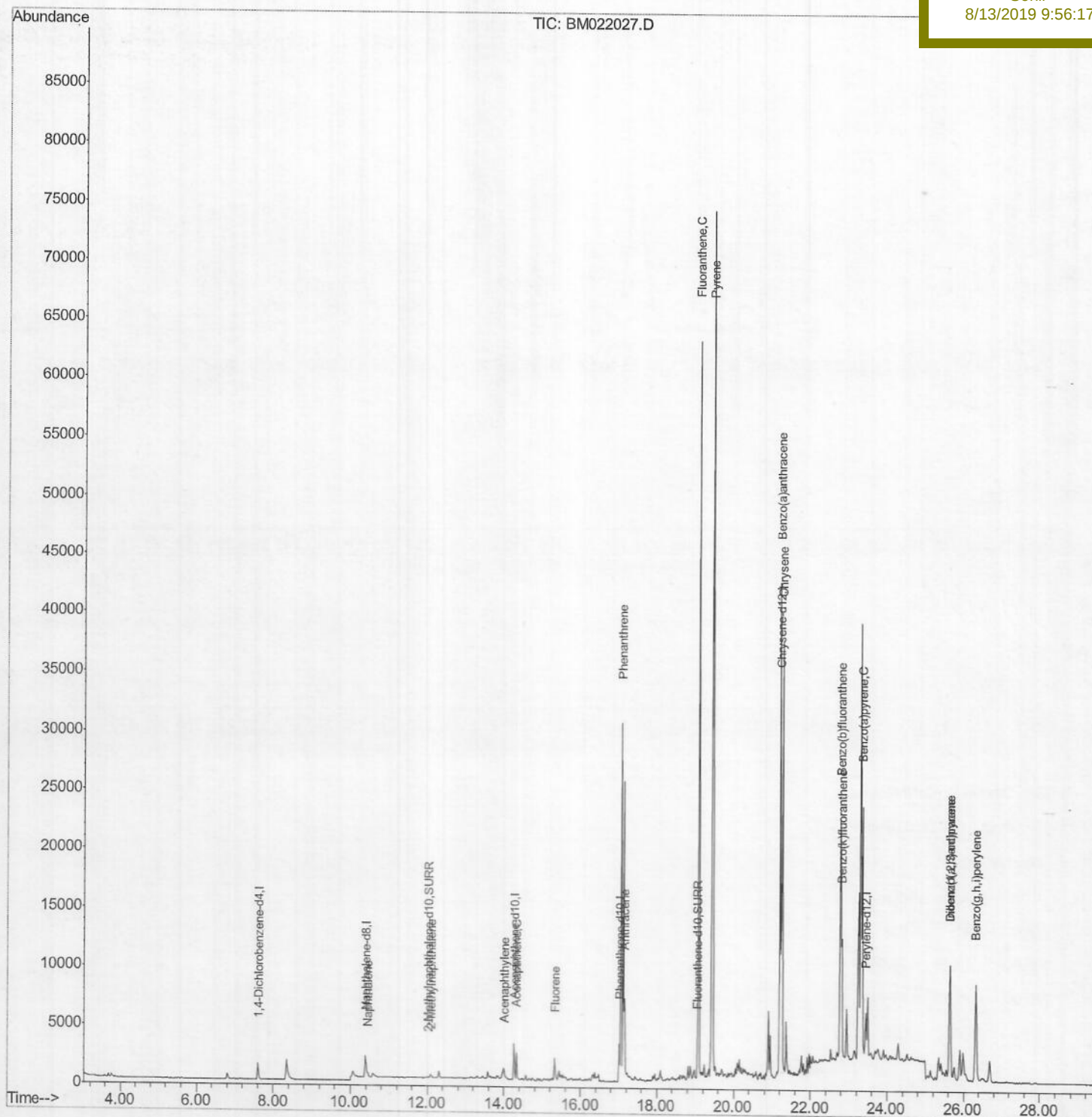
BENR4DL

Manual Integrations

APPROVED

Sohil

8/13/2019 9:56:17 AM



Quantitation Report (Qedit)

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

Data File : BM022027.D

Acq On : 12 Aug 2019 12:13

Operator : HP/JU

Sample : K4028-17DL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 18:56:45 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

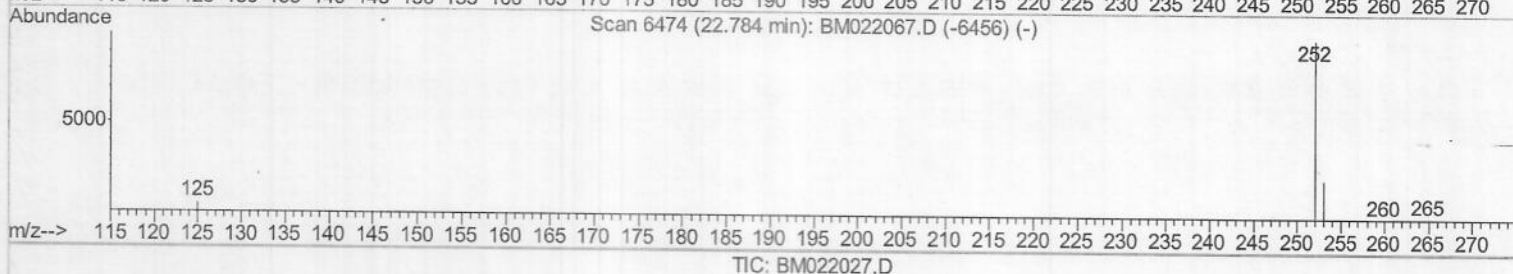
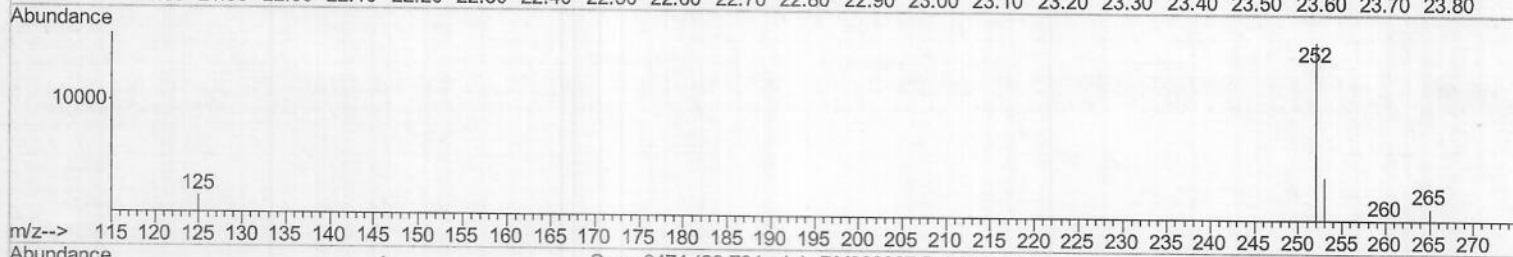
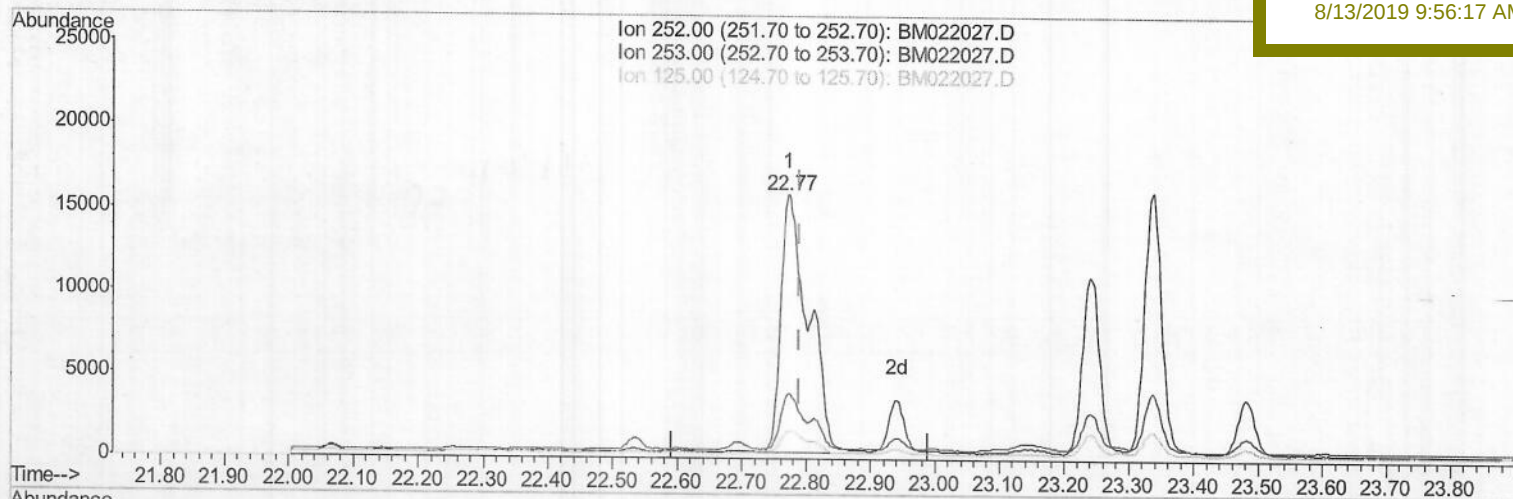
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BENR4DL

Manual Integrations
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8/13/2019 9:56:17 AM

(21) Benzo(b)fluoranthene

22.774min (-0.017) 2.88ng/ul

response 46477

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.49
125.00	15.50	10.16
0.00	0.00	0.00

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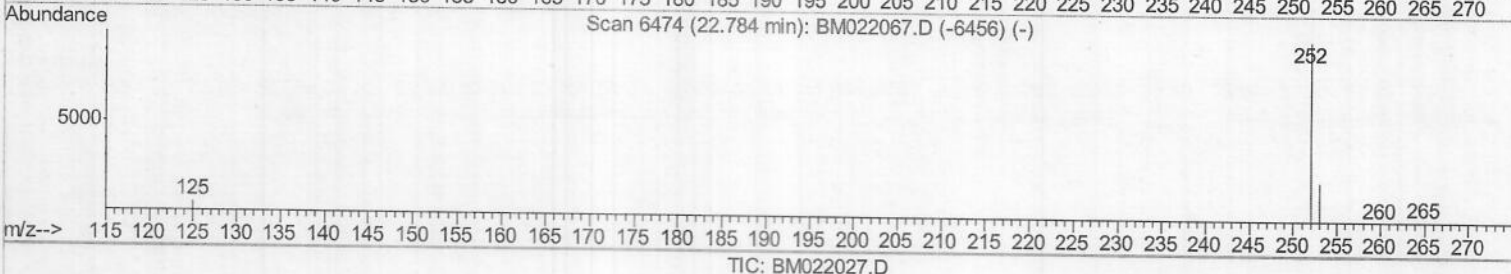
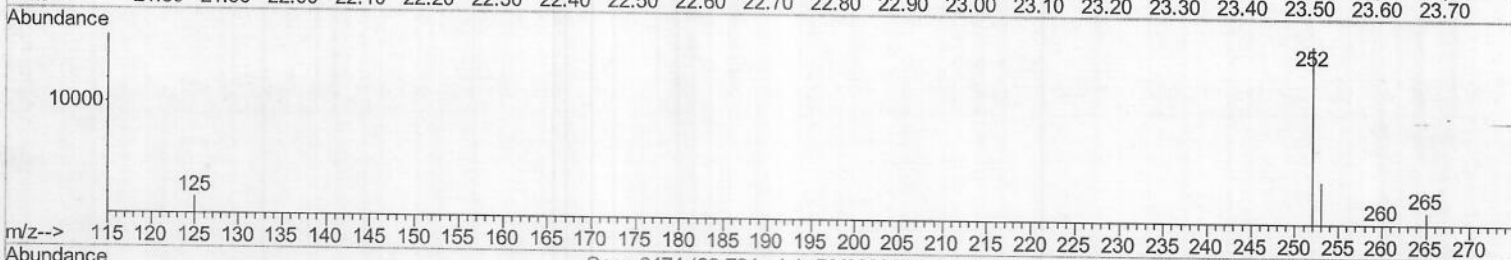
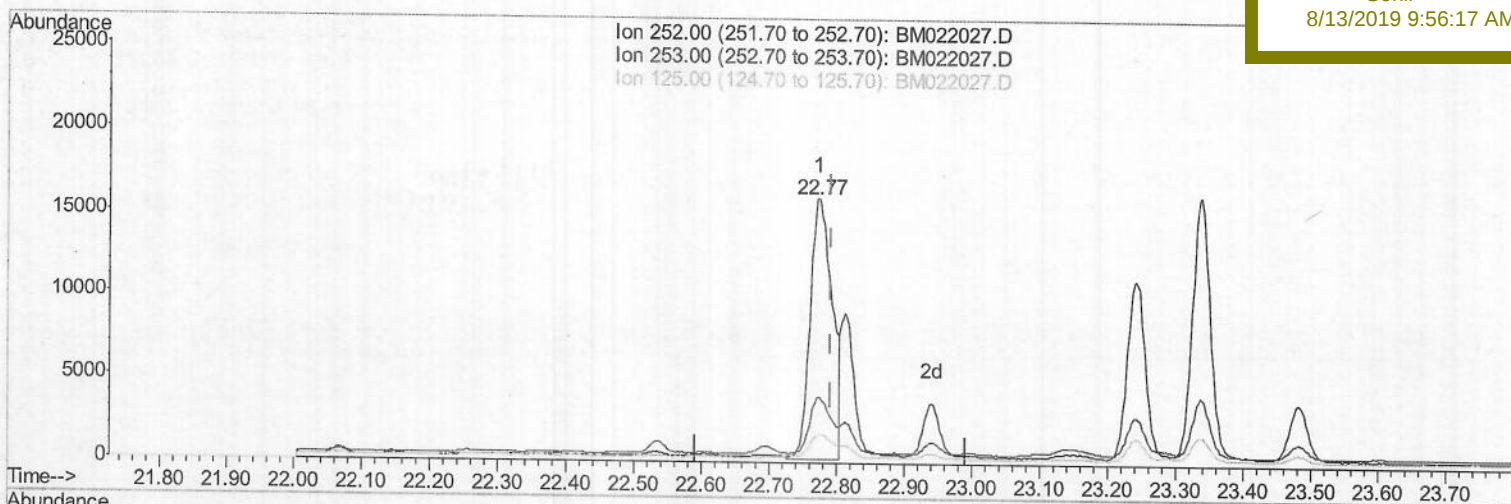
BENR4DL

Manual Integrations

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Sohil

8/13/2019 9:56:17 AM



(21) Benzo(b)fluoranthene

22.774min (-0.017) 2.41ng/ul m)JU

response 35103

08/16/19

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.49
125.00	15.50	10.16
0.00	0.00	0.00

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Acq On : 12 Aug 2019 12:13

Operator : HP/JU

Sample : K4028-17DL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 18:56:45 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

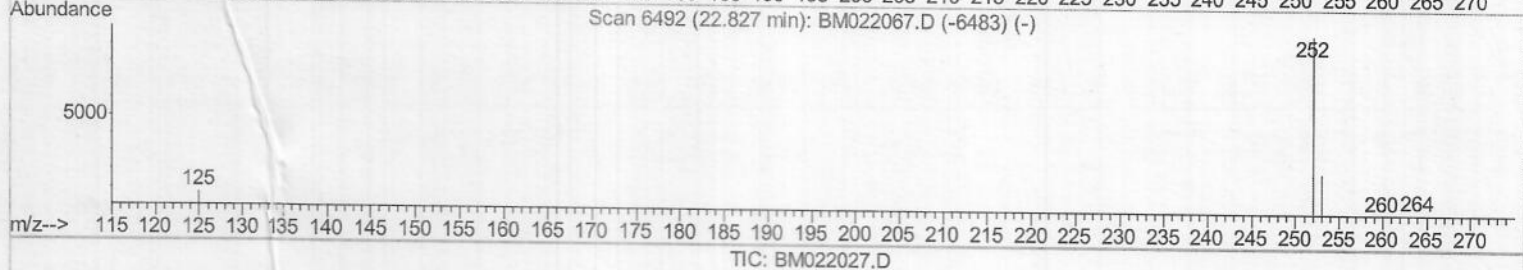
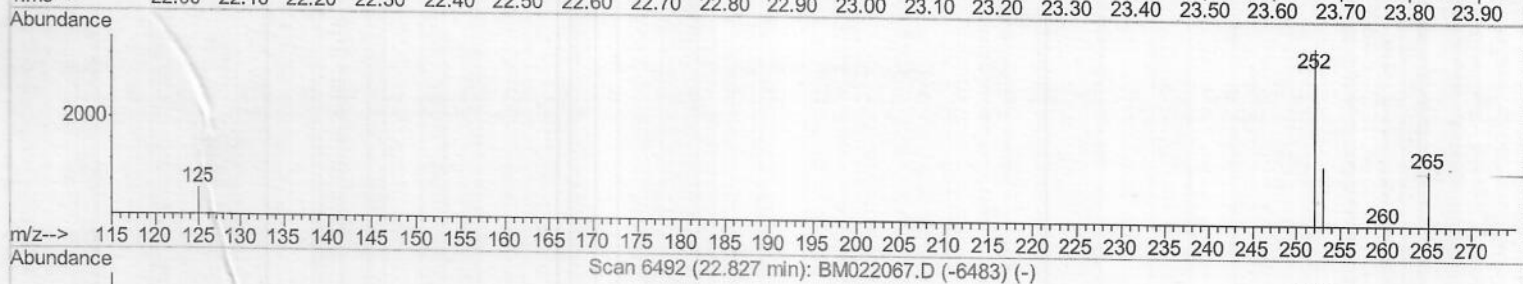
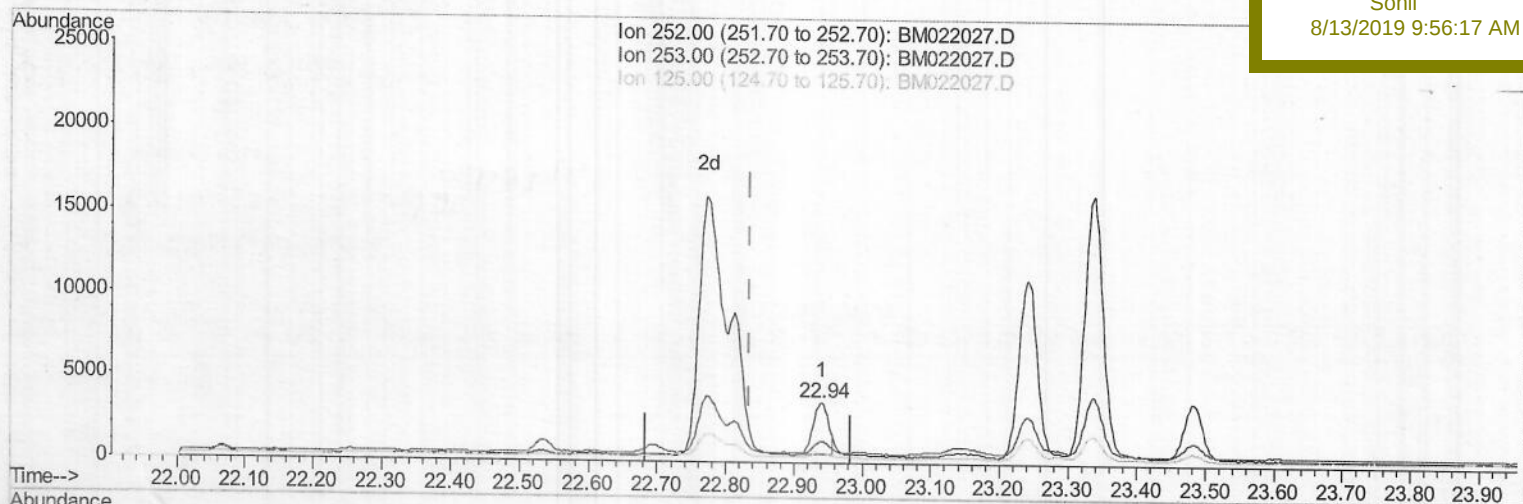
ClientSampleId :

BENR4DL

Manual Integrations
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Sohil

8/13/2019 9:56:17 AM



(22) Benzo(k)fluoranthene

22.941min (+0.106) 0.25ng/ul

response 4620

Ion Exp% Act%

252.00 100 100

253.00 33.70 35.64

125.00 15.20 17.67

0.00 0.00 0.00

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Misc :

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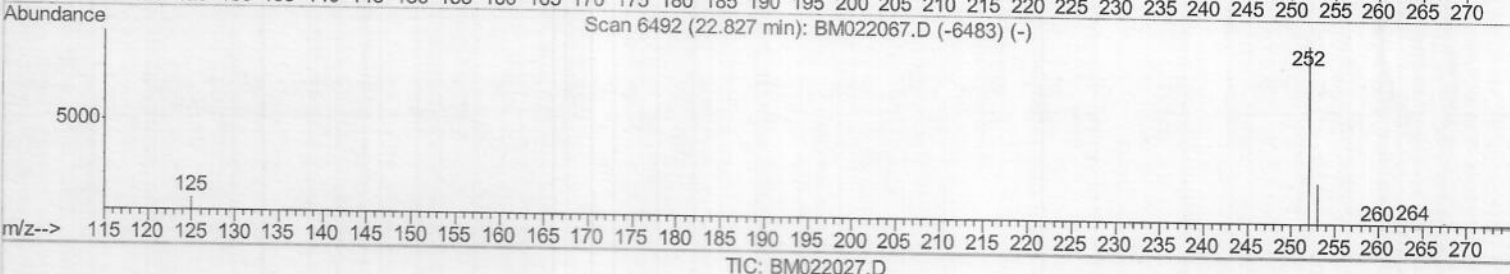
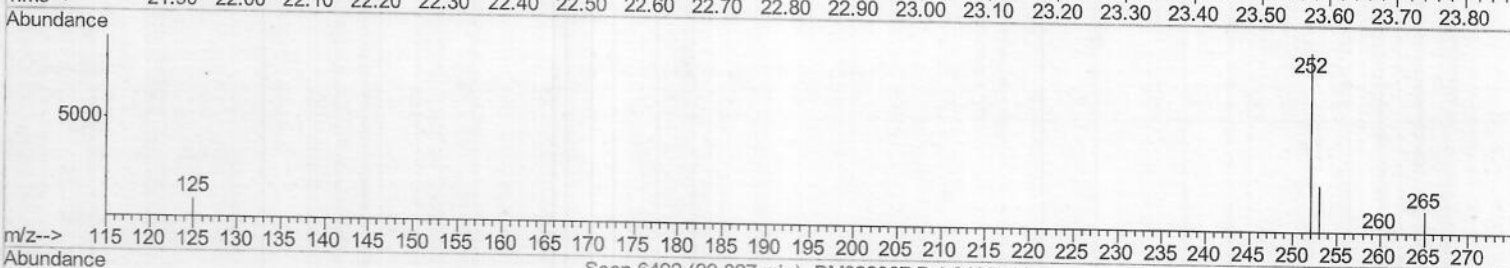
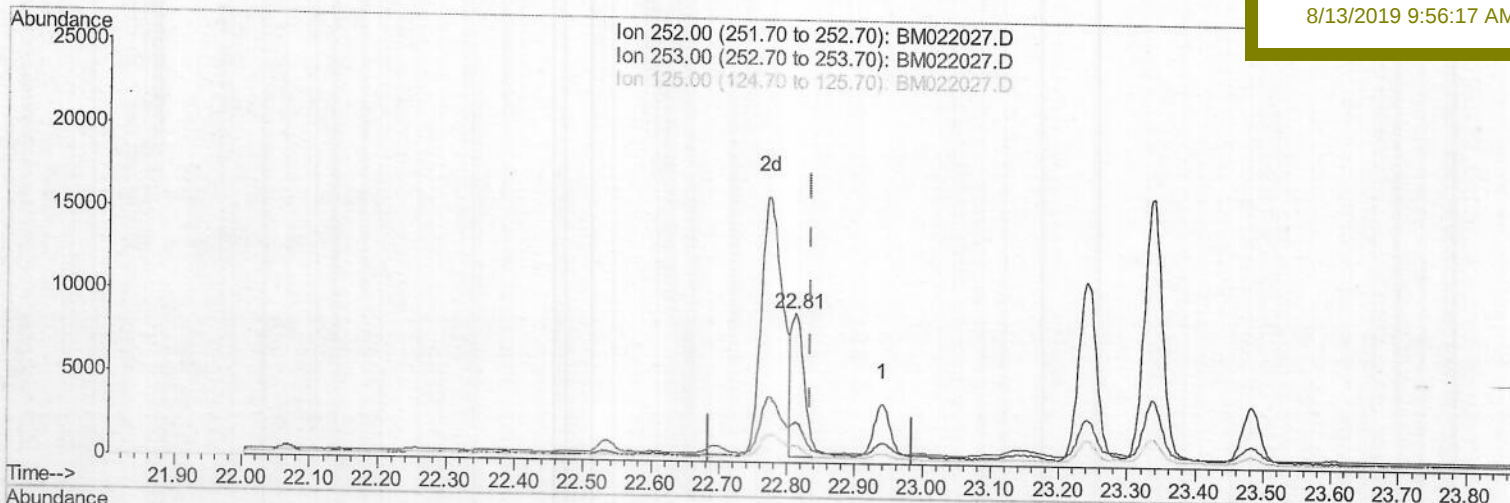
BENR4DL

Manual Integrations

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Sohil

8/13/2019 9:56:17 AM



(22) Benzo(k)fluoranthene

22.812min (-0.022) 0.73ng/ul m) JU
 08/16/19

response 12129

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.97
125.00	15.20	11.57#
0.00	0.00	0.00

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Misc :

ALS Vial : 8 Sample Multiplier: 1

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BENR4DL

Manual Integrations

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Sohil

8/13/2019 9:56:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	850	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3341	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1783	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3990	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4056	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	4326	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	168	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	498	0.04	ng/ul	-0.02

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	599	0.063	ng/ul#	75
5) 2-Methylnaphthalene	12.09	142	375	0.060	ng/ul	97
7) Acenaphthylene	13.99	152	1071	0.129	ng/ul#	79
8) Acenaphthene	14.33	153	1457	0.214	ng/ul	98
9) Fluorene	15.33	166	1422	0.188	ng/ul#	98
12) Phenanthrene	17.06	178	33201	2.860	ng/ul	96
13) Anthracene	17.16	178	7268	0.734	ng/ul	98
15) Fluoranthene	19.09	202	53561	3.444	ng/ul	96
17) Pyrene	19.45	202	64517	3.871	ng/ul	99
18) Benzo(a)anthracene	21.21	228	34494	2.378	ng/ul	99
19) Chrysene	21.26	228	36701	1.967	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	35103m	2.406	ng/ul	} 30 08/16/19
22) Benzo(k)fluoranthene	22.81	252	12129m	0.735	ng/ul	
23) Benzo(a)pyrene	23.34	252	29047	1.958	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.64	276	15977	0.902	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	4703	0.328	ng/ul	93
26) Benzo(g,h,i)perylene	26.32	276	16985	1.065	ng/ul	98

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