

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

Data File : BM022029.D

Acq On : 12 Aug 2019 13:26

Operator : HP/JU

Sample : K4028-08DL 5X

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 12 14:28:58 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

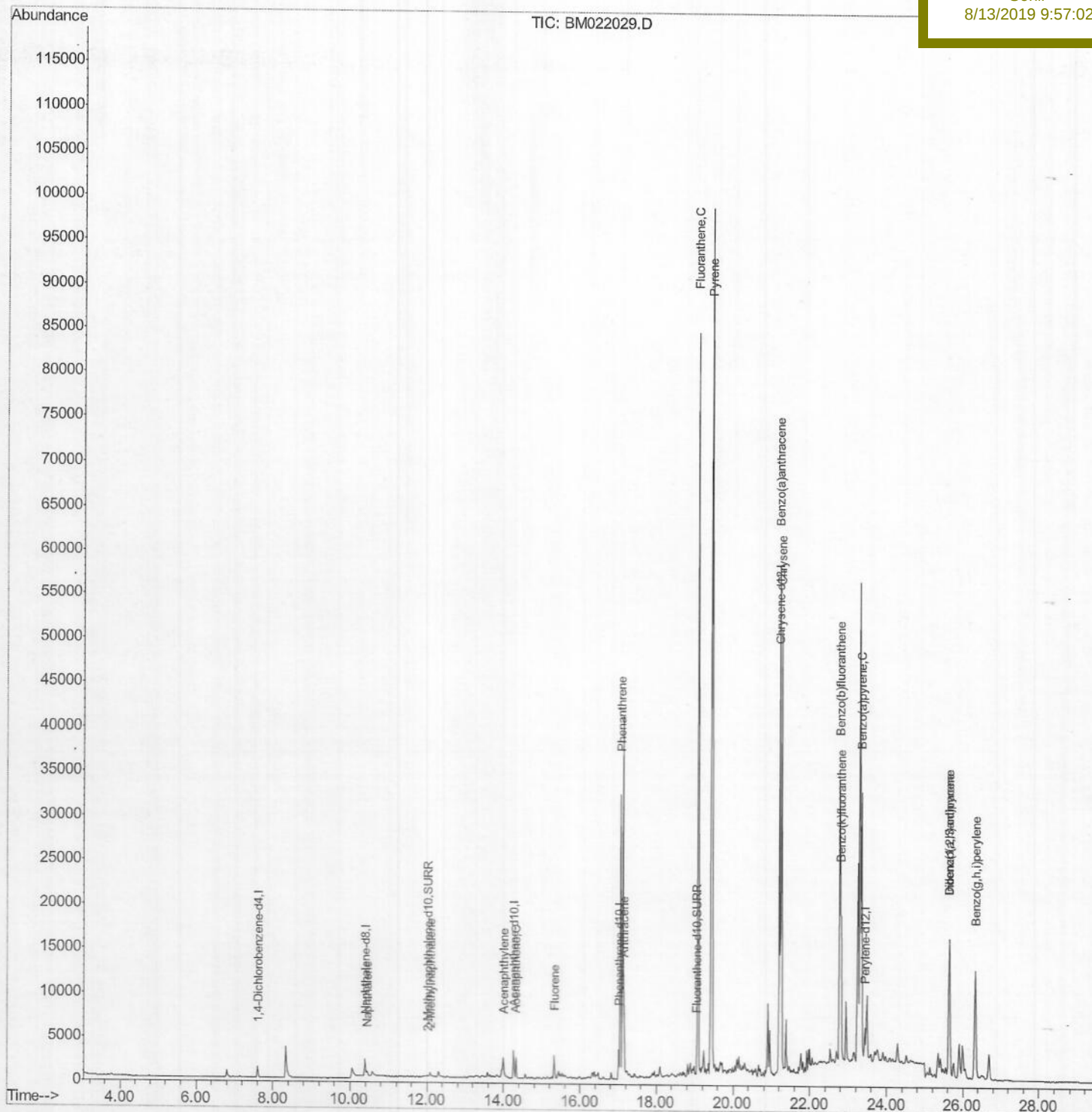
ClientSampleId :

BENZ0DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:57:02 AM



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

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Acq On : 12 Aug 2019 13:26

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Quant Time: Aug 13 18:59:48 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

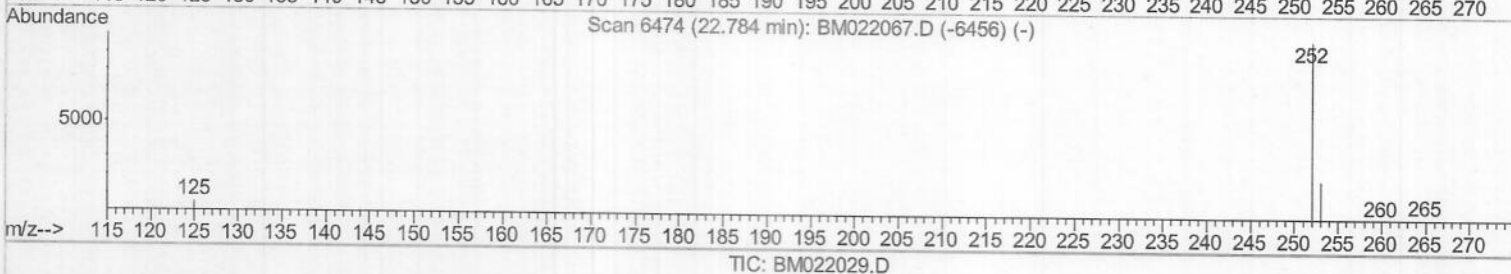
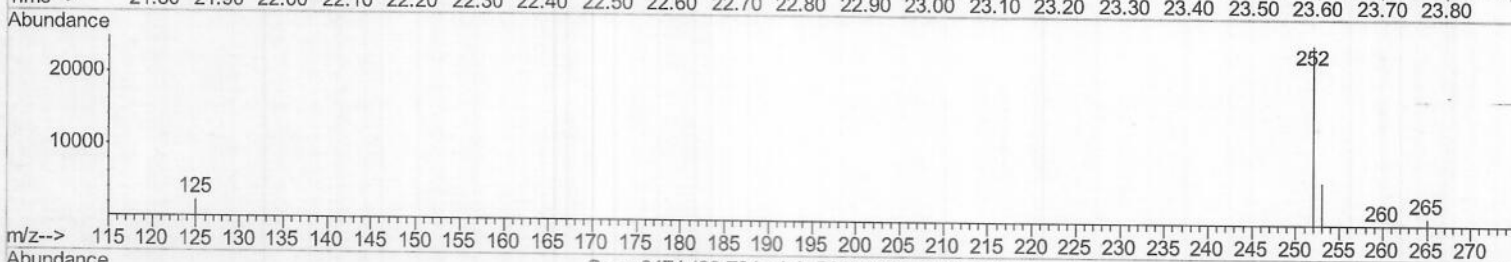
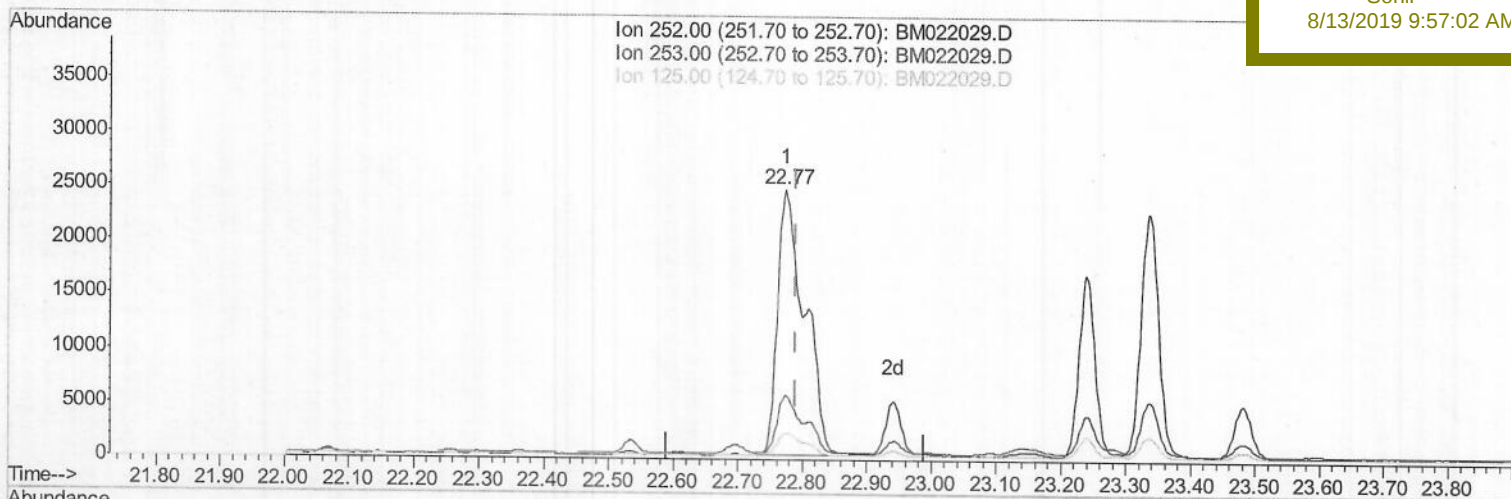
ClientSampleId :

BENZ0DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:57:02 AM



(21) Benzo(b)fluoranthene

22.774min (-0.017) 4.87ng/ul

response 72203

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.95
125.00	15.50	9.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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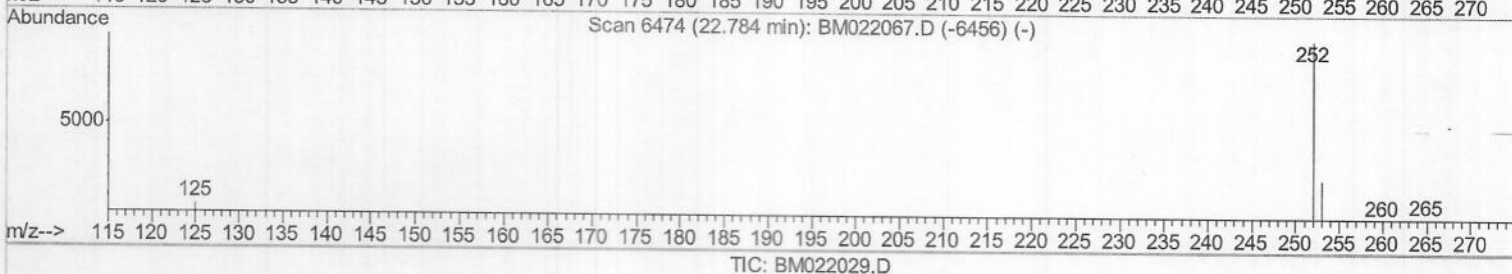
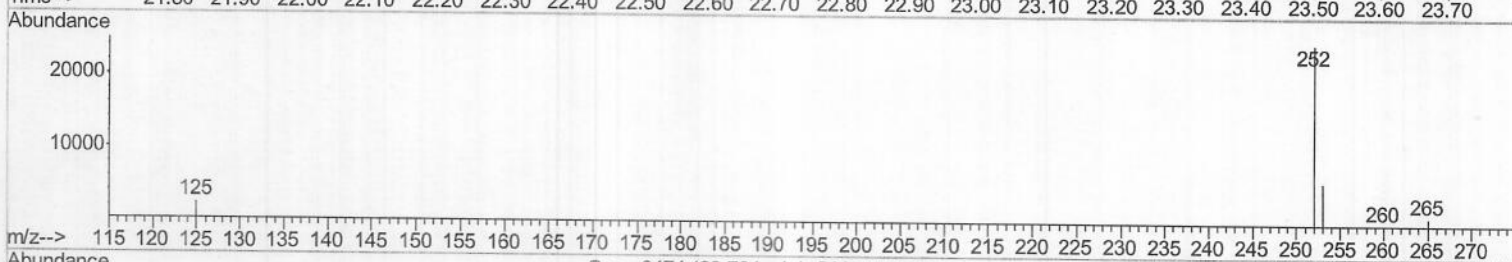
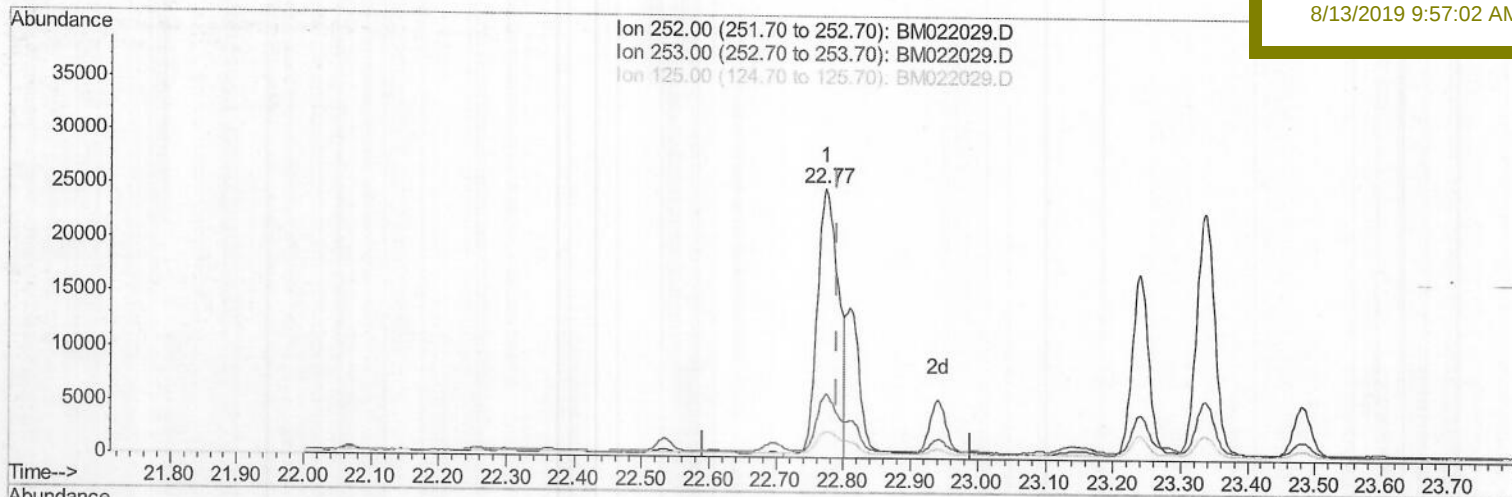
BENZ0DL

Manual Integrations

APPROVED

Sohil

8/13/2019 9:57:02 AM



(21) Benzo(b)fluoranthene

22.774min (-0.017) 3.66ng/ul m) JU
08/16/19

response 54612

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.95
125.00	15.50	9.69
0.00	0.00	0.00

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Acq On : 12 Aug 2019 13:26

Operator : HP/JU

Sample : K4028-08DL 5X

Misc :

ALS Vial : 10 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 13 18:40:42 2019

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Instrument :

BNA_M

ClientSampleId :

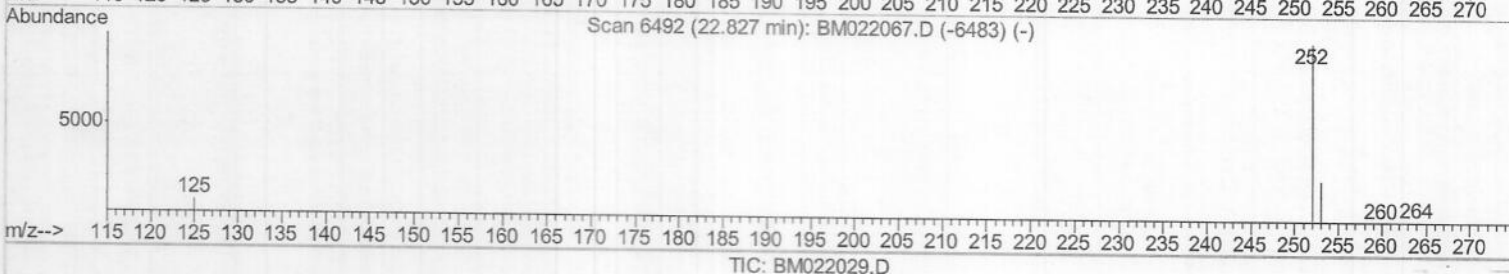
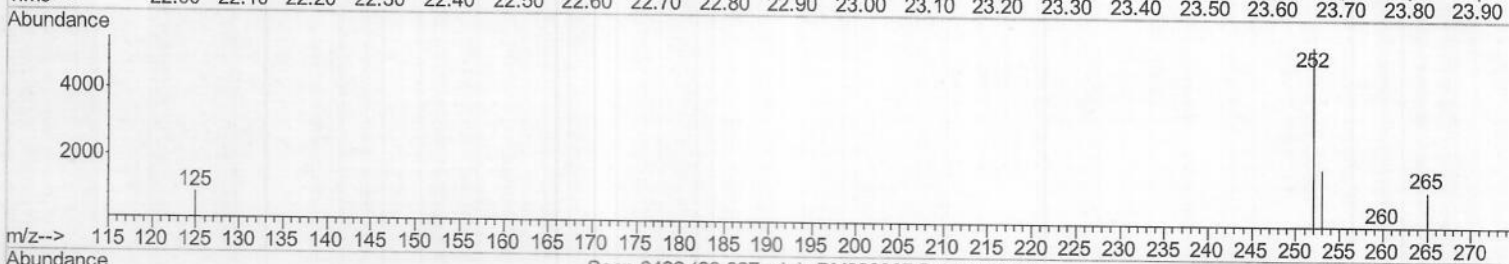
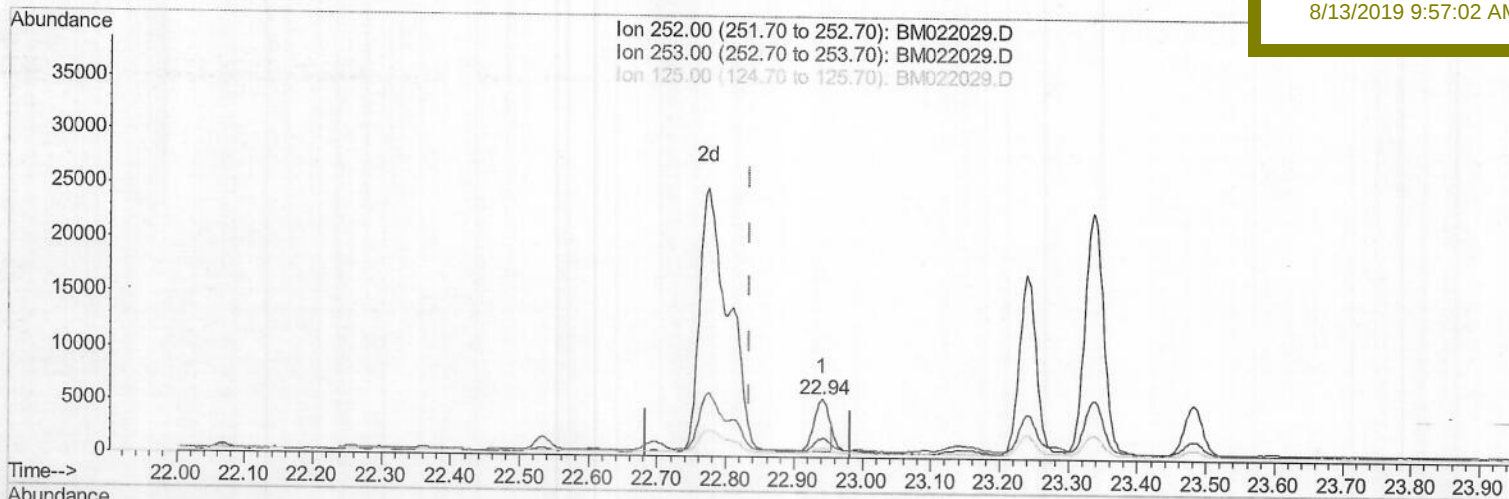
BENZ0DL

Manual Integrations

APPROVED

Sohil

8/13/2019 9:57:02 AM



(22) Benzo(k)fluoranthene

22.941min (+0.107) 0.43ng/ul

response 7180

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	33.36
125.00	15.20	15.93
0.00	0.00	0.00

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Sample : K4028-08DL 5X

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 12 14:28:58 2019

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Instrument :

BNA_M

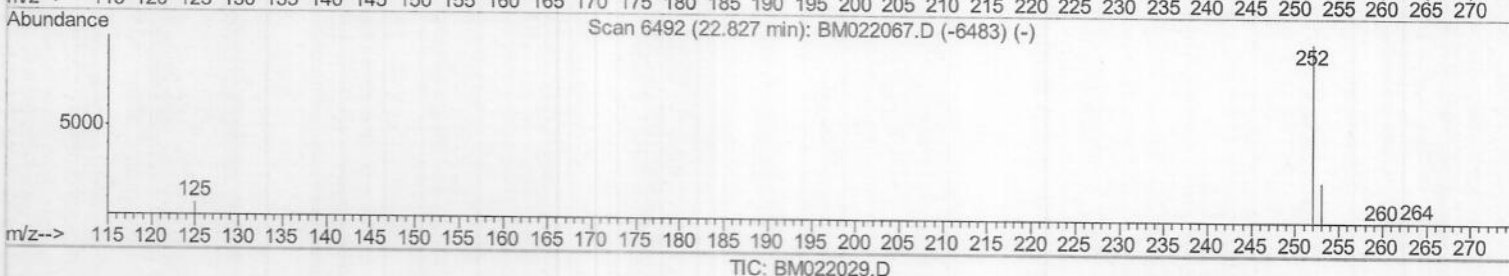
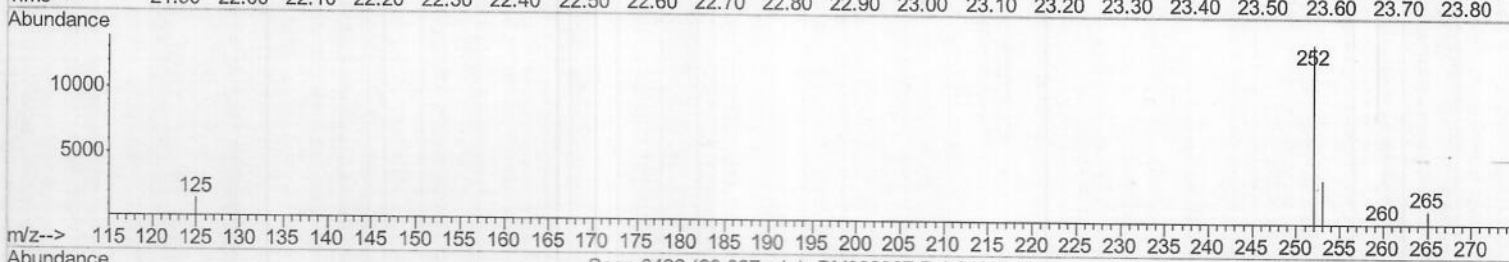
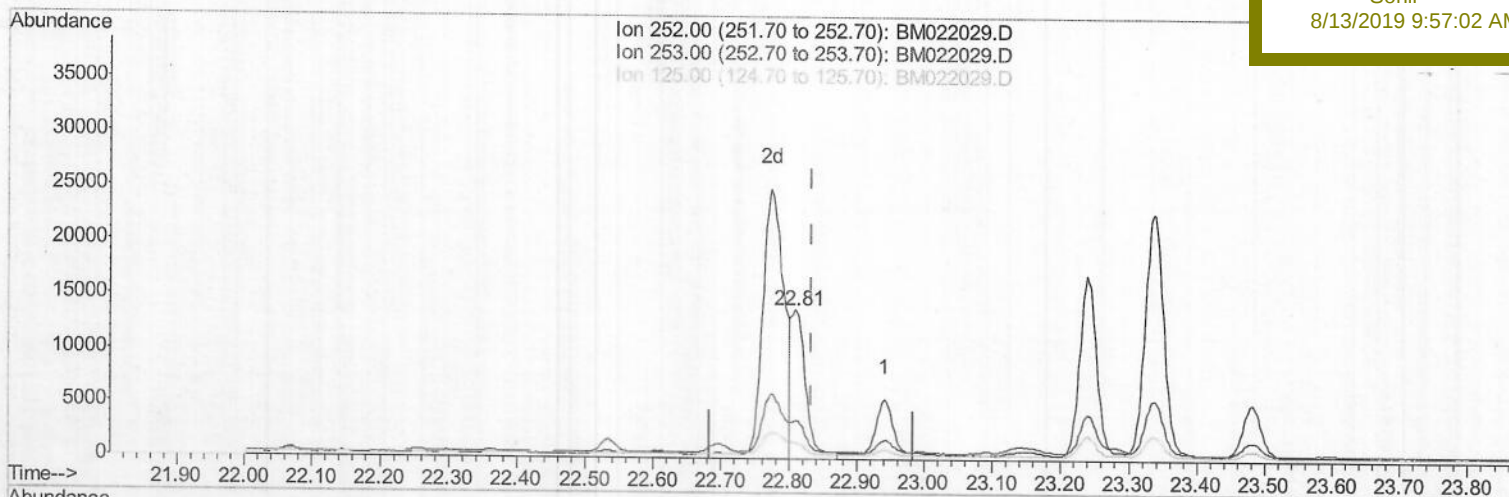
ClientSampleId :

BENZ0DL

Manual Integrations
APPROVED

Sohil

8/13/2019 9:57:02 AM



(22) Benzo(k)fluoranthene

22.811min (-0.024) 1.27ng/ul m) JU

response 21423

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.39#
125.00	15.20	11.01#
0.00	0.00	0.00

08/16/19

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 Operator : HP/JU
 Sample : K4028-08DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ0DL

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:57:02 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 QLast Update : Mon Aug 12 14:07:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	746	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3179	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1774	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3994	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4003	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4430	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	241	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	738	0.05	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.45	128	840	0.094	ng/ul#	85
5) 2-Methylnaphthalene	12.09	142	453	0.076	ng/ul	99
7) Acenaphthylene	13.99	152	2731	0.330	ng/ul#	84
8) Acenaphthene	14.33	153	1451	0.214	ng/ul	98
9) Fluorene	15.33	166	1907	0.254	ng/ul	97
12) Phenanthrene	17.06	178	35036	3.015	ng/ul	96
13) Anthracene	17.16	178	8986	0.906	ng/ul	97
15) Fluoranthene	19.09	202	75427	4.845	ng/ul	95
17) Pyrene	19.45	202	86477	5.257	ng/ul	100
18) Benzo(a)anthracene	21.21	228	48046	3.356	ng/ul	99
19) Chrysene	21.26	228	50328	2.733	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	54612m)	3.656	ng/ul	} JU 08/16/19
22) Benzo(k)fluoranthene	22.81	252	21423m)	1.267	ng/ul	
23) Benzo(a)pyrene	23.34	252	42700	2.811	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	25.64	276	24921	1.374	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.65	278	7243	0.494	ng/ul	100
26) Benzo(g,h,i)perylene	26.32	276	25431	1.557	ng/ul	97

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