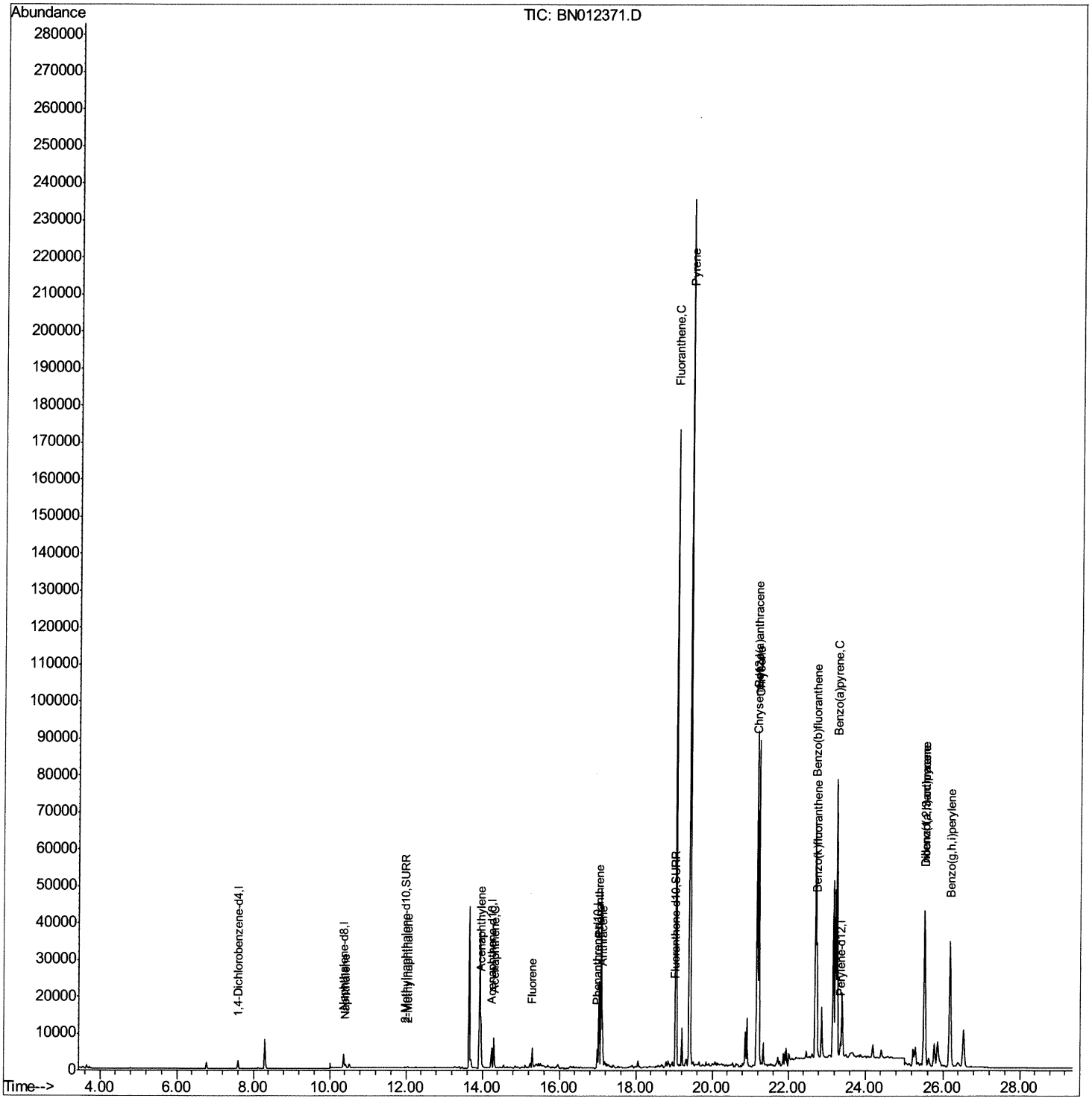
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
Data File : BN012371.D
Acq On : 20 Oct 2020 03:37
Operator : CG/JU
Sample : L4326-01DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 20 08:36:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 08:18:15 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLX60DL

Manual Integrations APPROVED
Sohil
10/20/2020 9:36:31 AM



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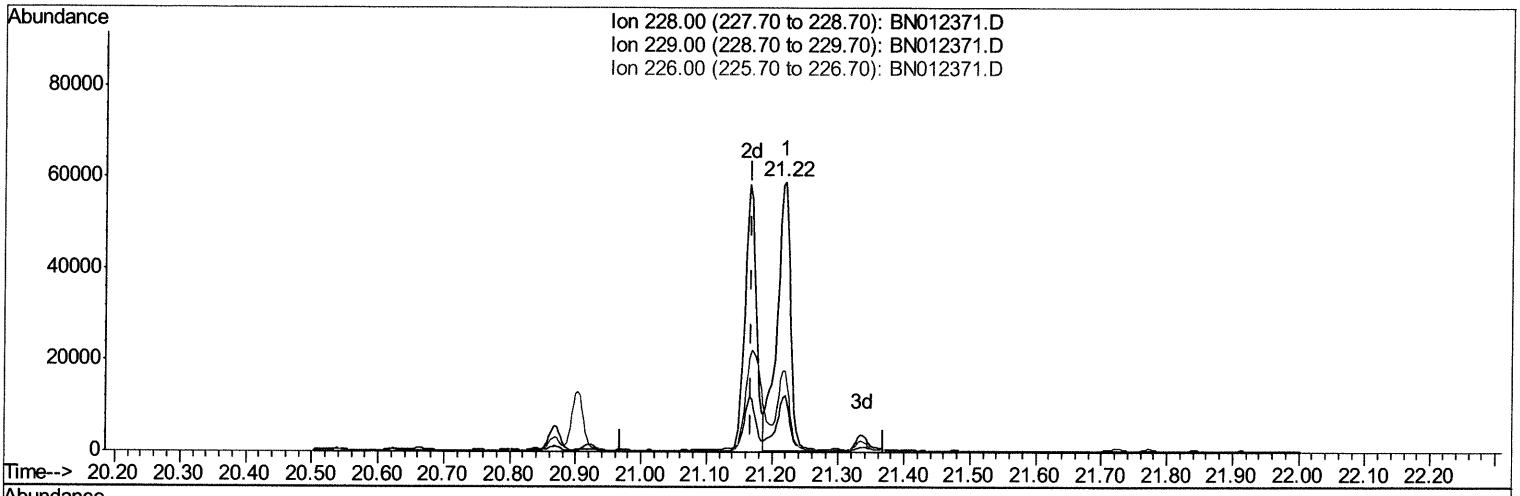

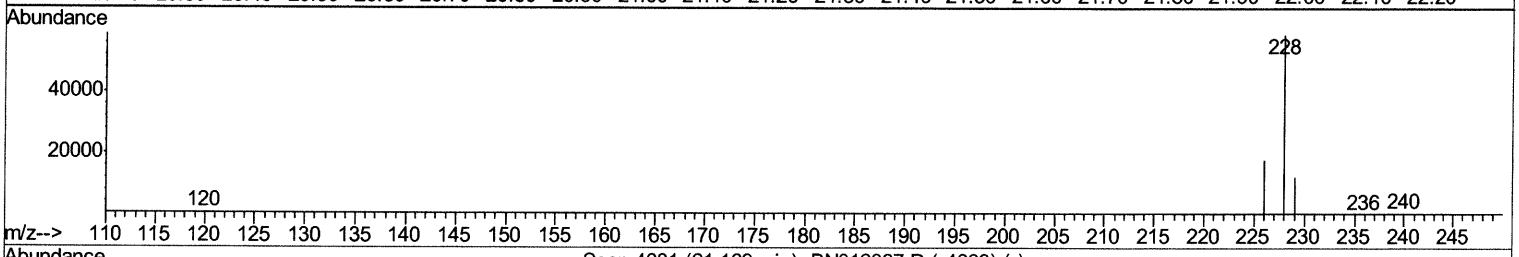

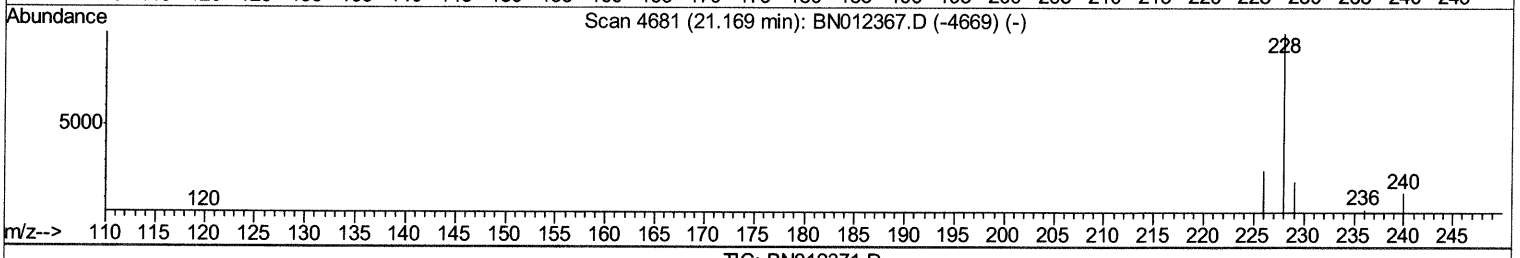

TIC: BN012371.D

(18) Benzo(a)anthracene

21.218min (+0.050) 4.28ng/ul

response 82925

Ion	Exp%	Act%
228.00	100	100
229.00	20.30	20.78
226.00	26.50	30.11
0.00	0.00	0.00

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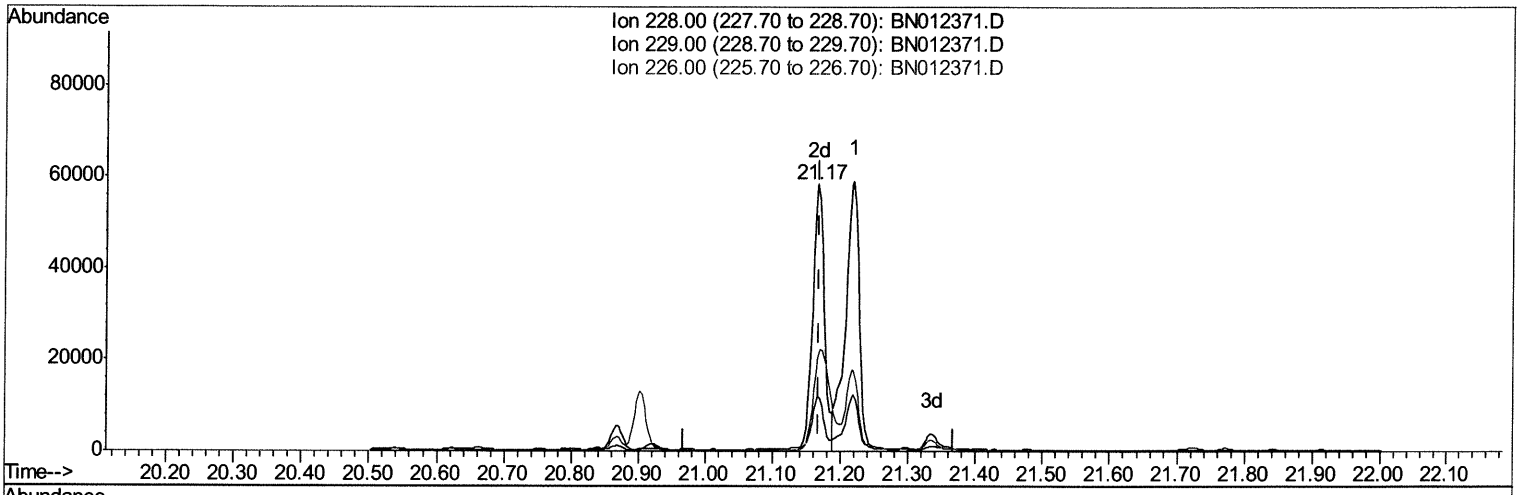

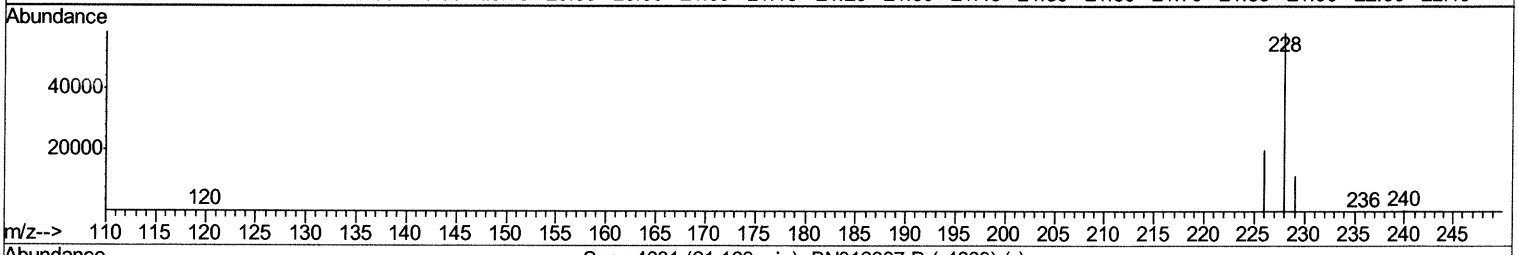

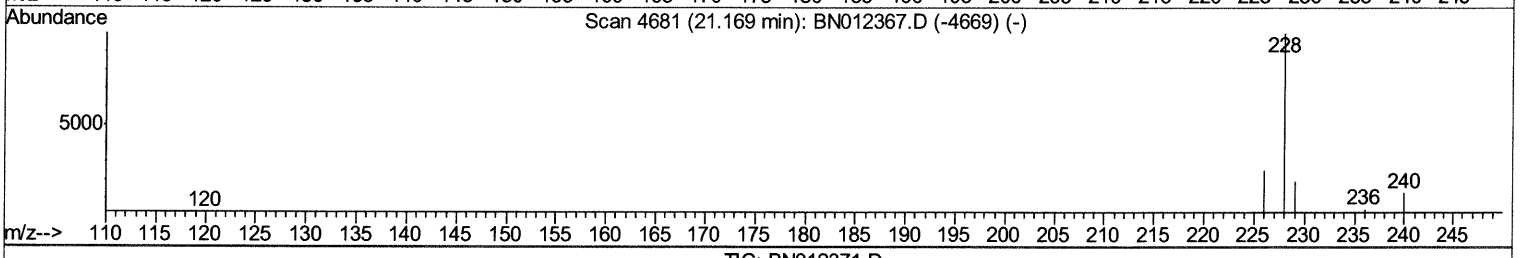

TIC: BN012371.D

(18) Benzo(a)anthracene

21.166min (-0.003) 3.68ng/ul m 10/20/20 JU

response 71279

Ion	Exp%	Act%
228.00	100	100
229.00	20.30	20.56
226.00	26.50	34.79#
0.00	0.00	0.00

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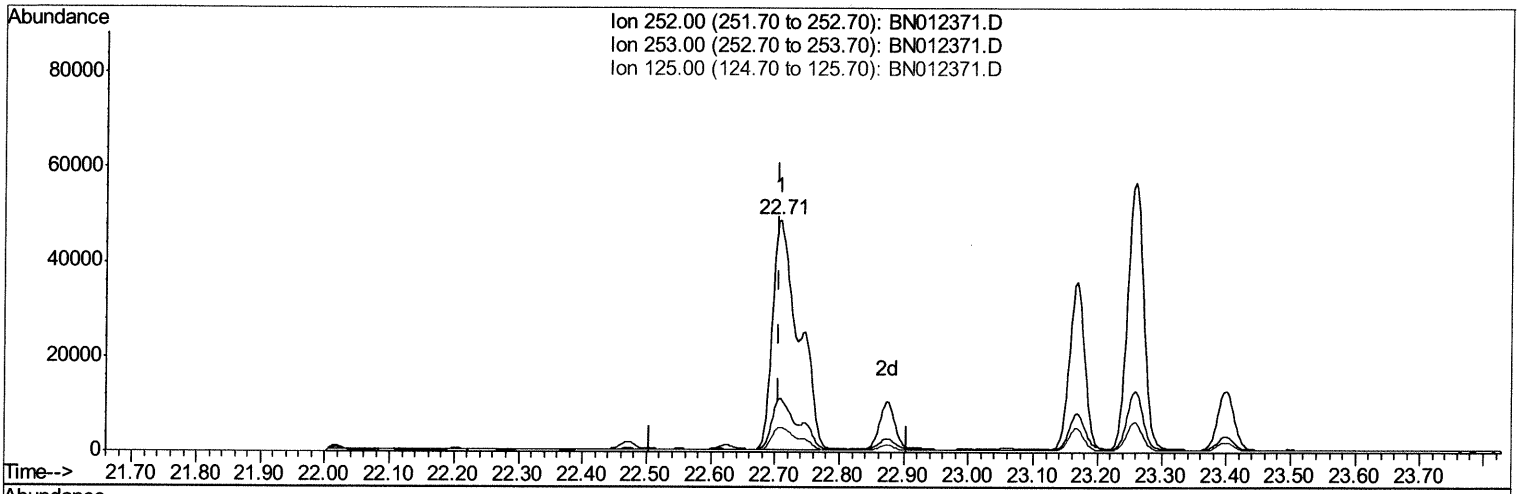

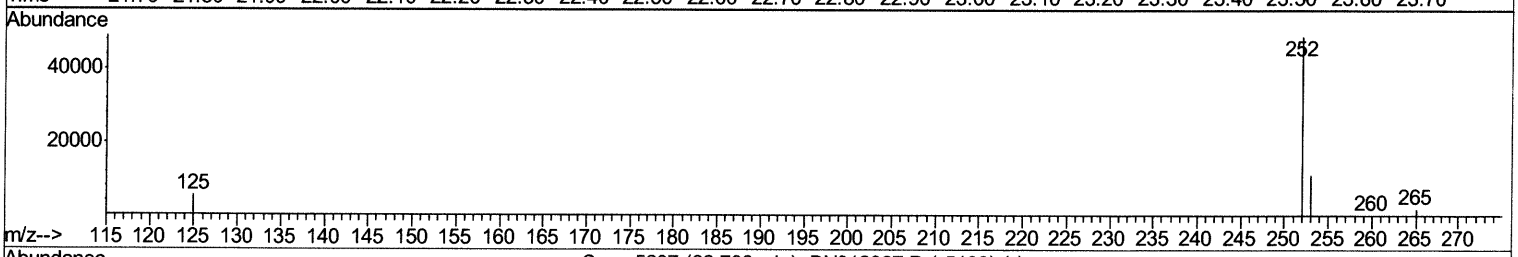

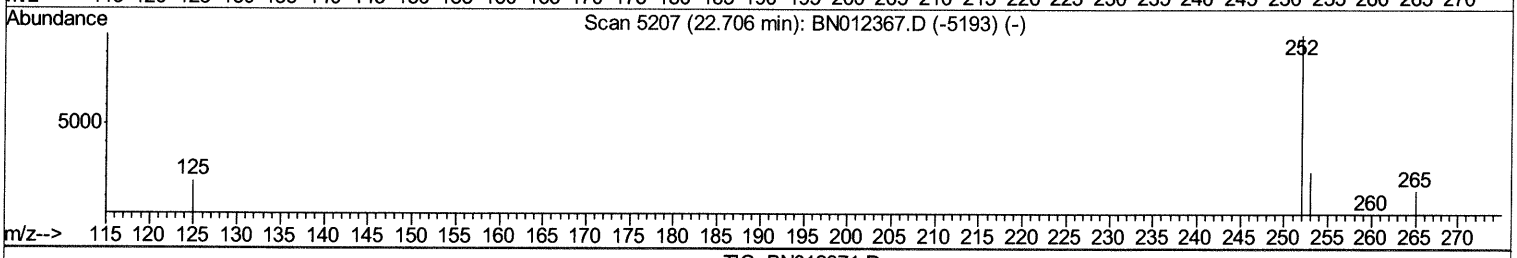

TIC: BN012371.D

(21) Benzo(b)fluoranthene

22.709min (+0.003) 6.43ng/ul

response 138255

Ion	Exp%	Act%
252.00	100	100
253.00	28.20	22.99
125.00	18.90	10.83
0.00	0.00	0.00

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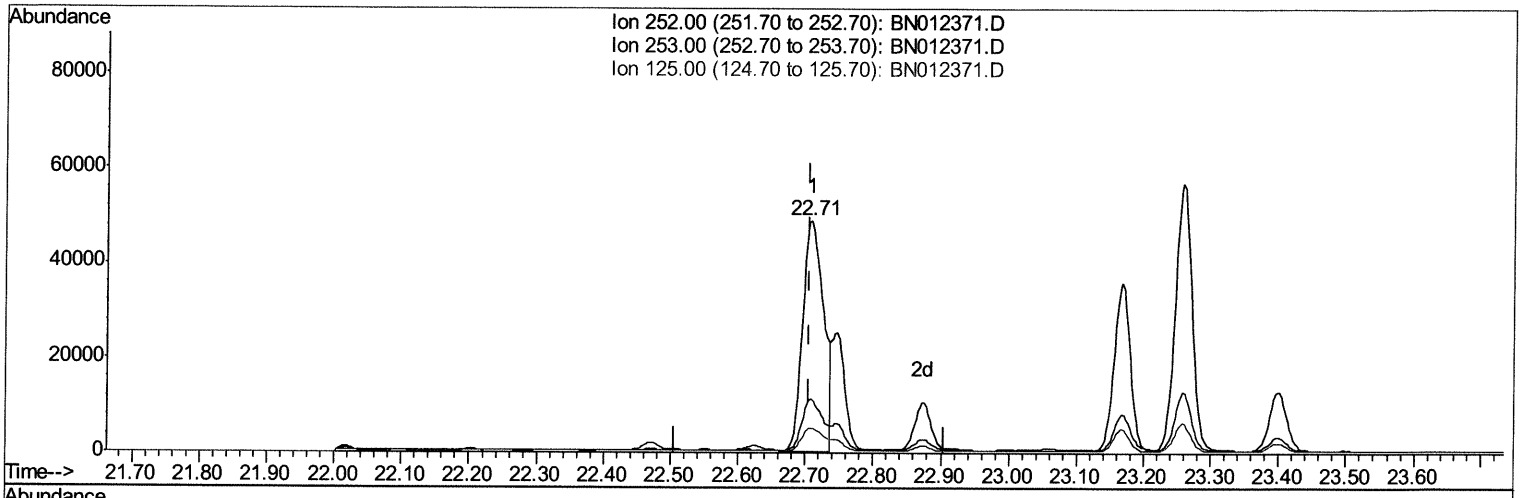
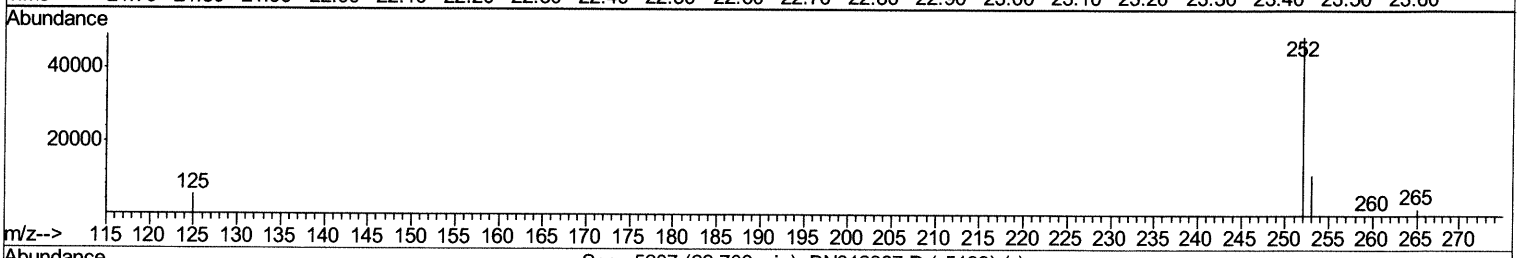
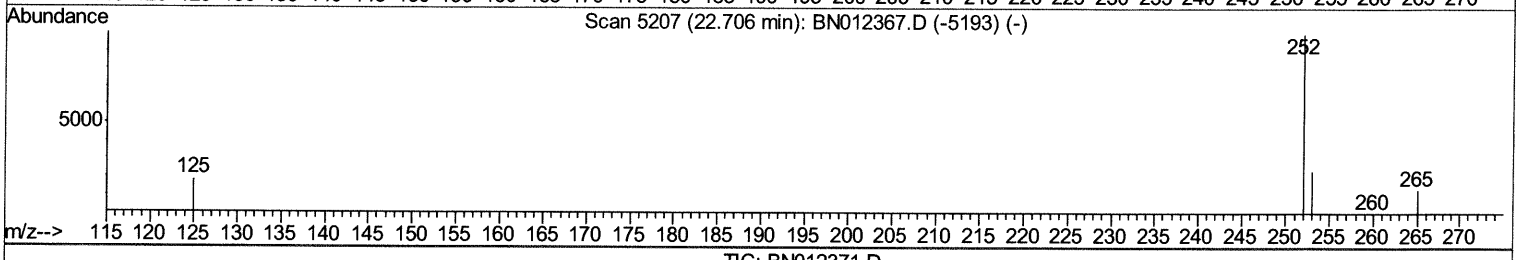
Manual Integrations APPROVED
Sohil
10/20/2020 9:36:31 AM







TIC: BN012371.D

(21) Benzo(b)fluoranthene

22.709min (+0.003) 4.81ng/ul m 10/20/20 JU

response 103563

Ion	Exp%	Act%
252.00	100	100
253.00	28.20	22.99
125.00	18.90	10.83
0.00	0.00	0.00

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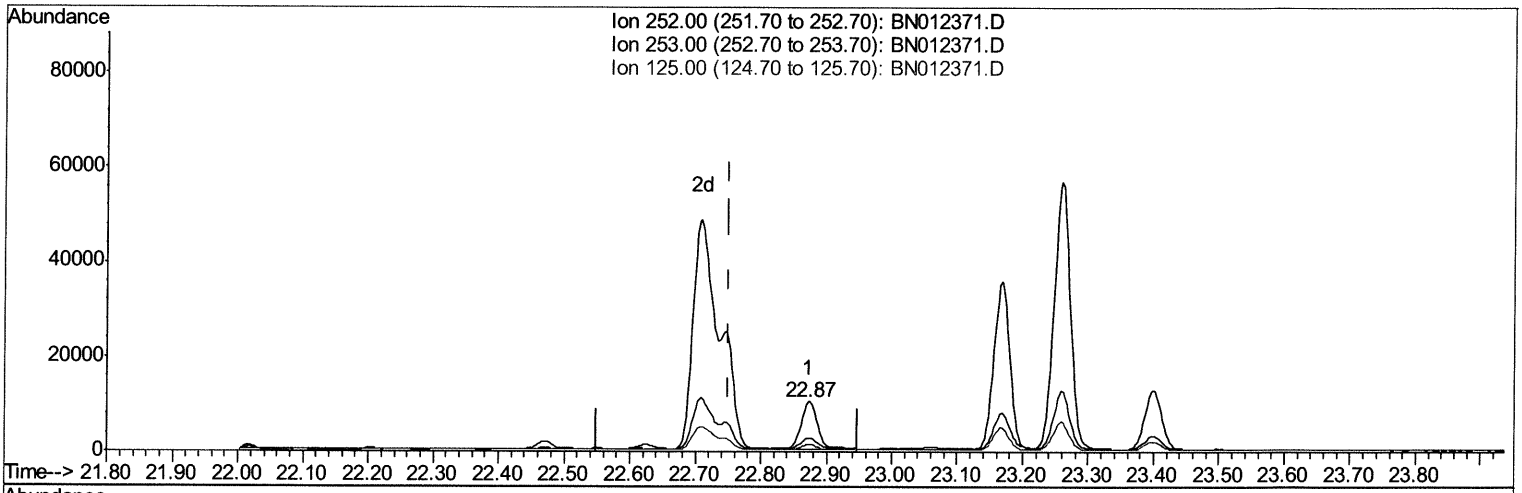
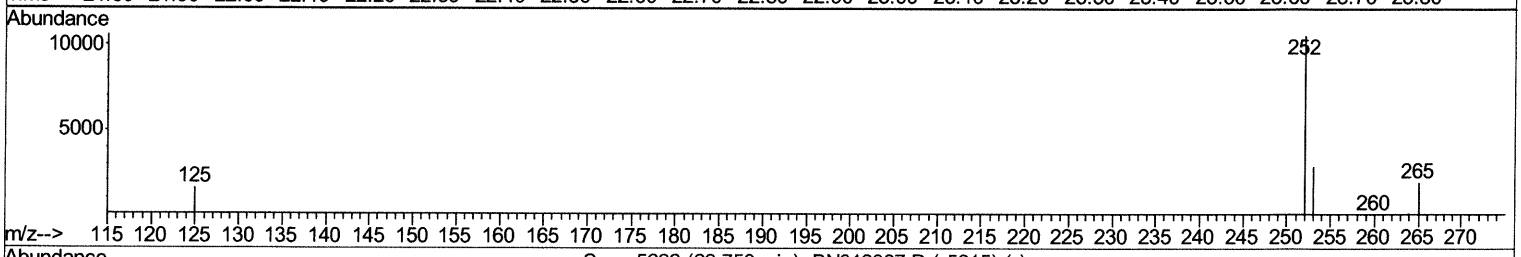
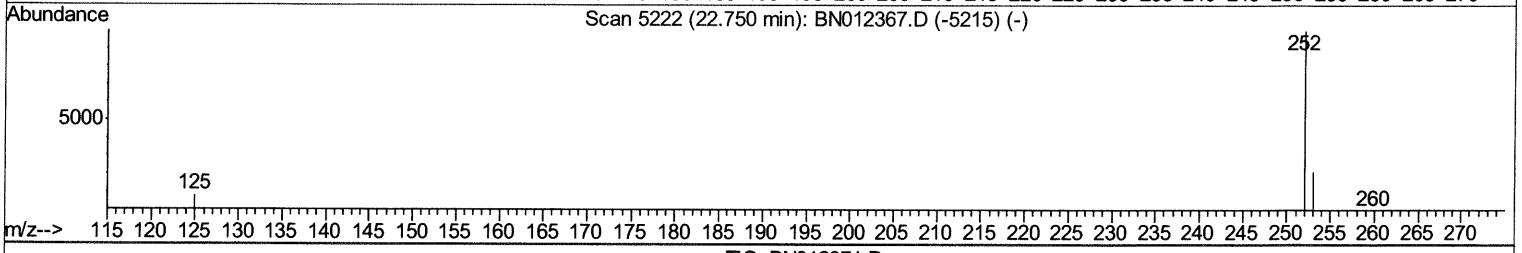
Manual Integrations APPROVED
Sohil
10/20/2020 9:36:31 AM







TIC: BN012371.D

(22) Benzo(k)fluoranthene

22.873min (+0.123) 0.74ng/ul

response 17512

Ion	Exp%	Act%
252.00	100	100
253.00	27.80	27.18
125.00	13.70	15.11
0.00	0.00	0.00

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Misc :
ALS Vial : 28 Sample Multiplier: 1

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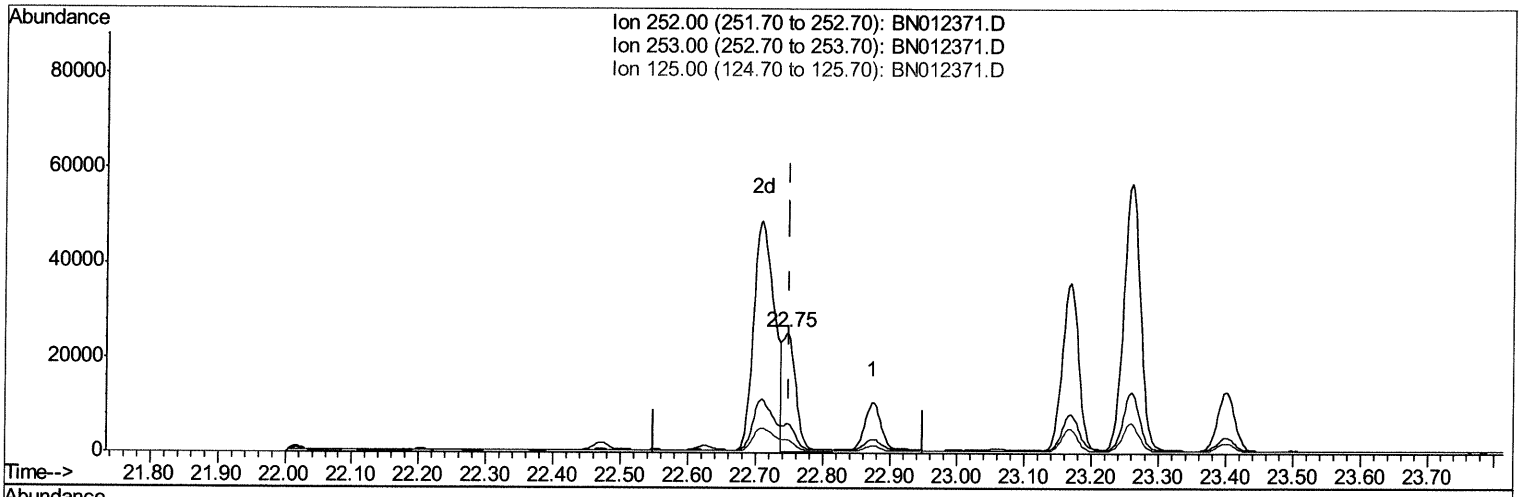

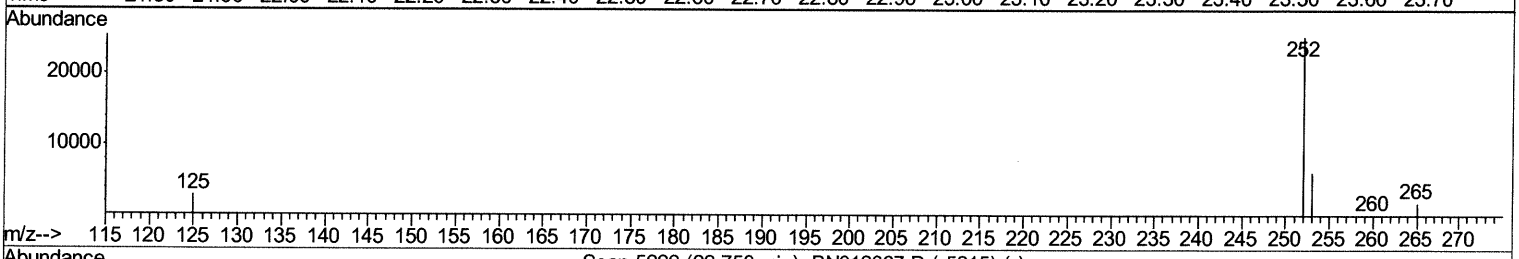

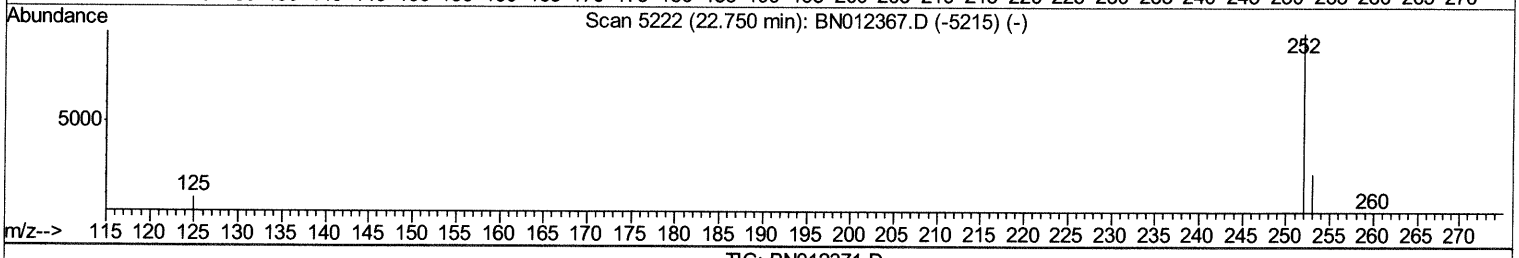

TIC: BN012371.D

(22) Benzo(k)fluoranthene

22.747min (-0.003) 1.53ng/ul m 10/20/20 JU

response 36459

Ion	Exp%	Act%
252.00	100	100
253.00	27.80	24.08
125.00	13.70	11.10
0.00	0.00	0.00

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Sohil
10/20/2020 9:36:31 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5316	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	2991	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6057	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	5232	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	5327	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	335	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	700	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	1572	0.102	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	262	0.027	ng/ul	98
7) Acenaphthylene	13.95	152	15710	1.211	ng/ul	99
8) Acenaphthene	14.30	153	4909	0.448	ng/ul	99
9) Fluorene	15.29	166	3612	0.296	ng/ul#	96
12) Phenanthrene	17.03	178	24167	1.252	ng/ul	99
13) Anthracene	17.11	178	15122	0.913	ng/ul	99
15) Fluoranthene	19.05	202	145180	6.430	ng/ul	98
17) Pyrene	19.41	202	196414	8.326	ng/ul	99
18) Benzo(a)anthracene	21.17	228	71279m >	3.678	ng/ul >	10/20/20 54
19) Chrysene	21.22	228	83513	3.537	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	103563m	4.813	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	36459m	1.531	ng/ul	10/20/20 54
23) Benzo(a)pyrene	23.26	252	98460	4.704	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.52	276	69522	2.585	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.52	278	11497	0.534	ng/ul	97
26) Benzo(g,h,i)perylene	26.18	276	67064	2.721	ng/ul	97

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