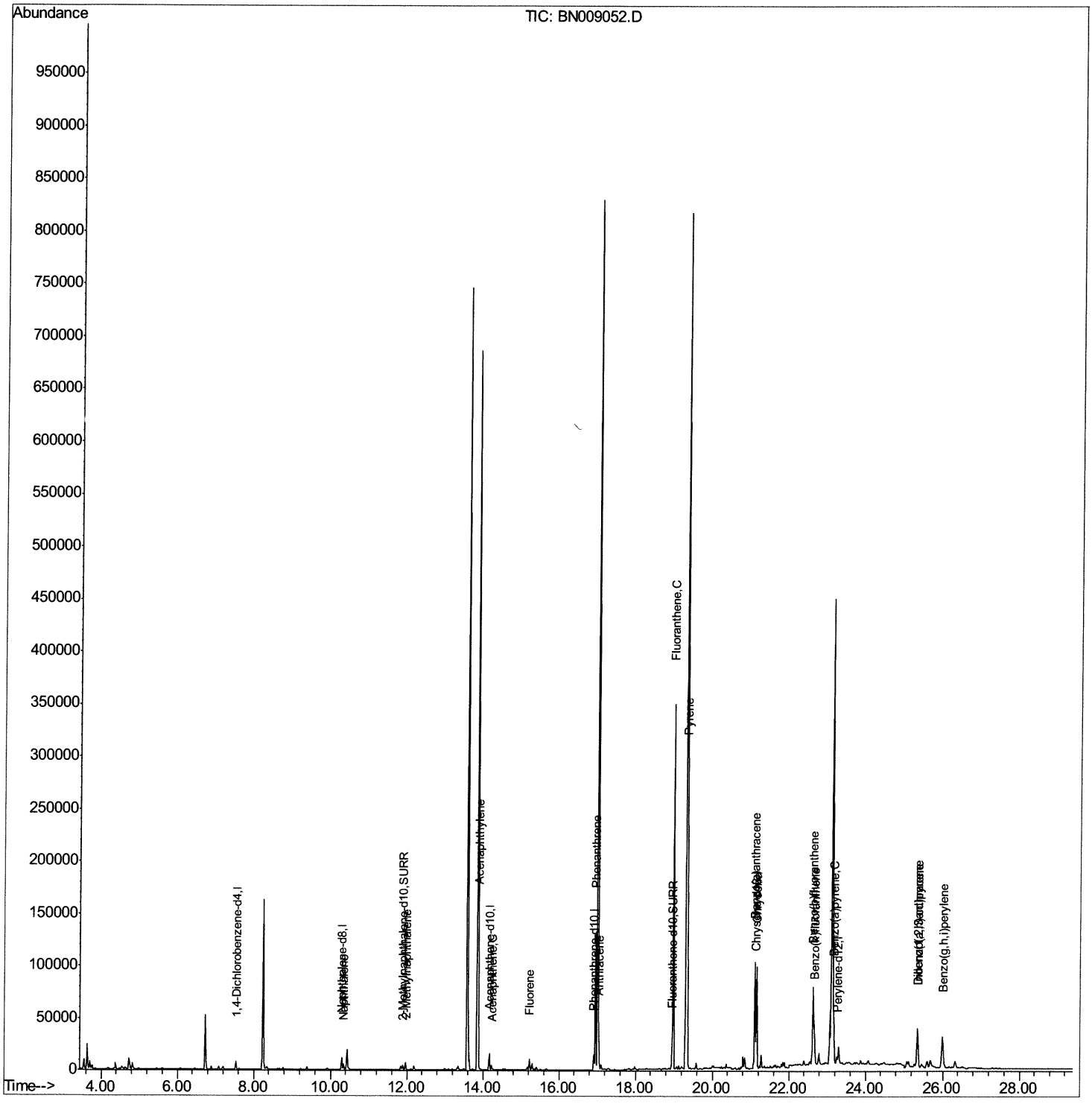
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009052.D
Acq On : 20 Dec 2019 04:59
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 20 06:29:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BS9

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:01 PM



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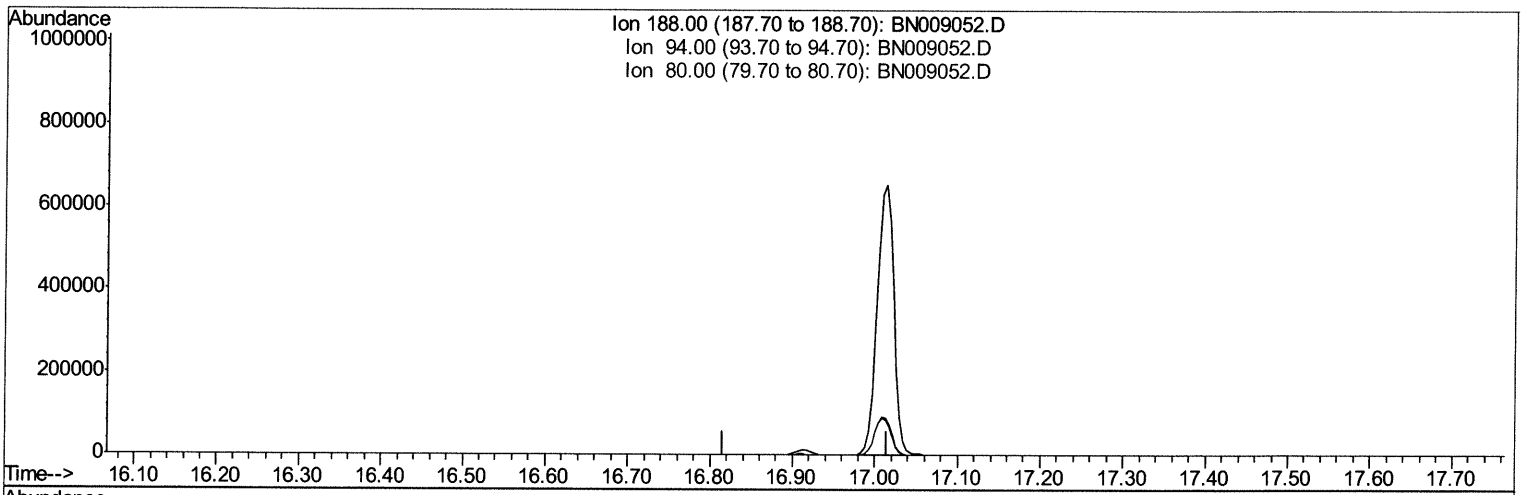

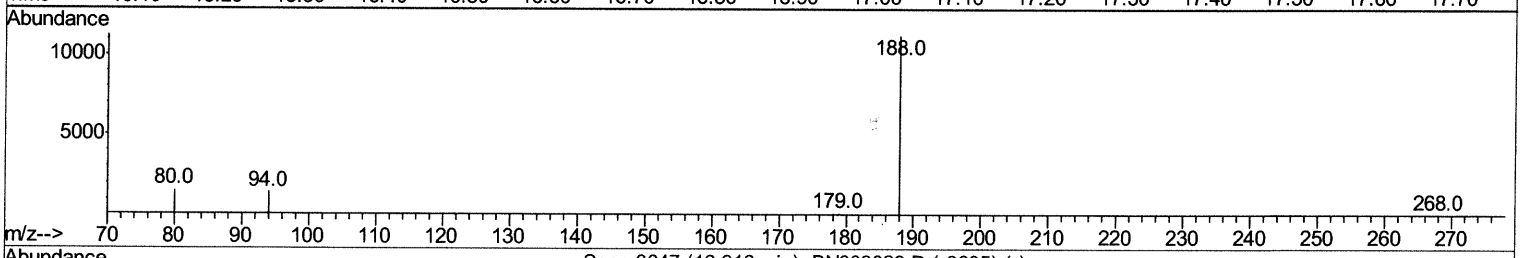

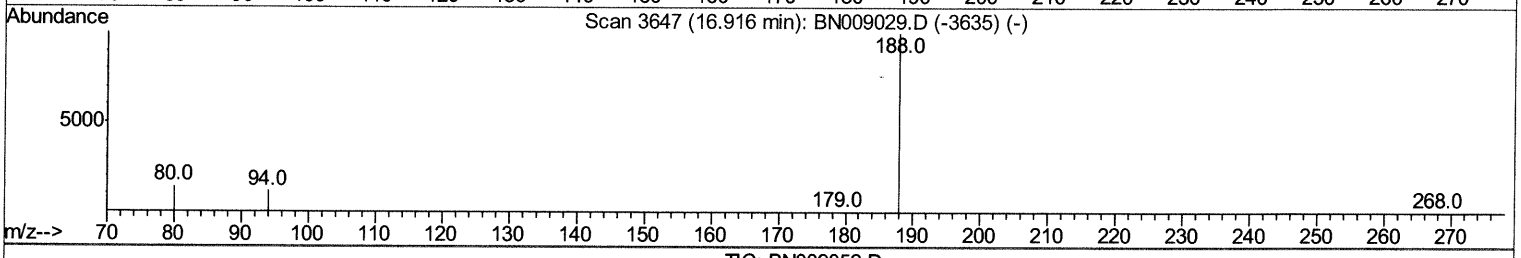

TIC: BN009052.D

(10) Phenanthrene-d10 (I)

16.916min (-16.916) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.60	0.00#
80.00	13.70	0.00#
0.00	0.00	0.00

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Manual Integrations APPROVED
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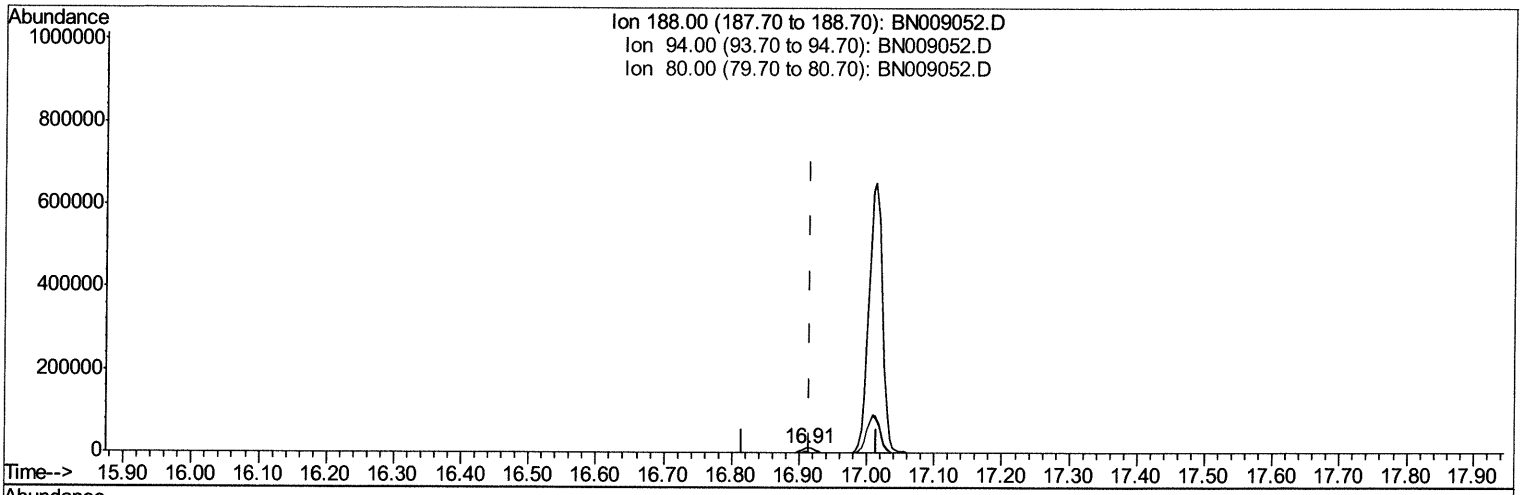

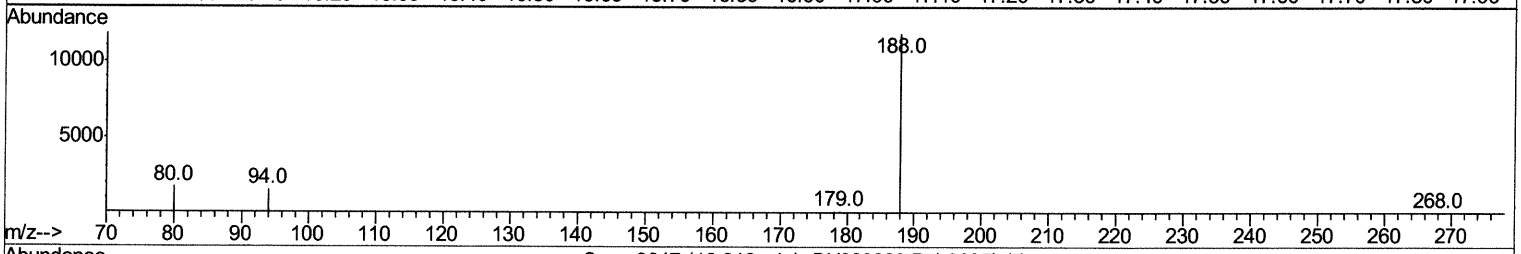

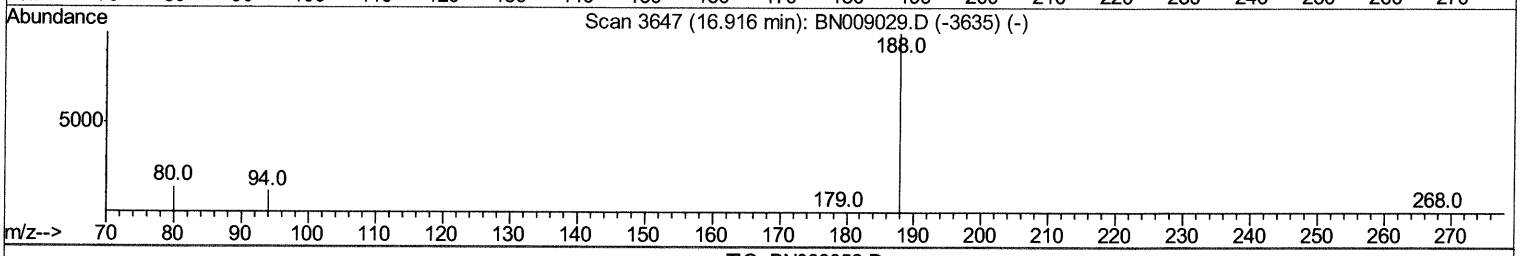

TIC: BN009052.D

(10) Phenanthrene-d10 (I)

16.912min (-0.004) 0.40ng/ul m JU 12/23/19

response 15964

Ion	Exp%	Act%
188.00	100	100
94.00	11.60	13.03
80.00	13.70	14.69
0.00	0.00	0.00

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Sohil
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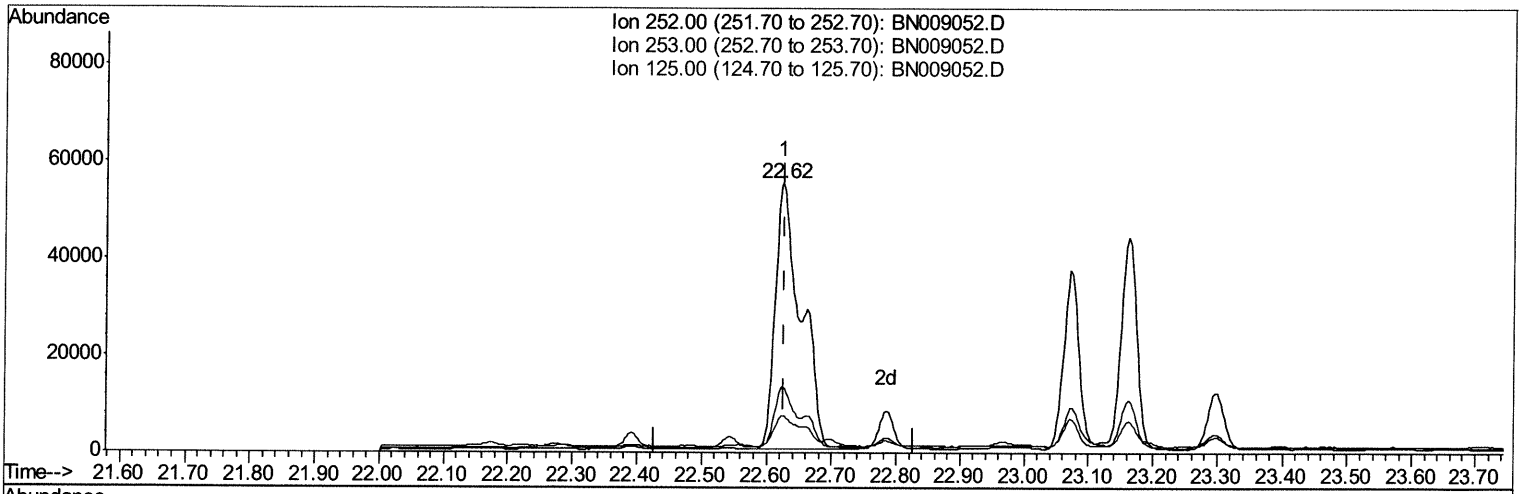

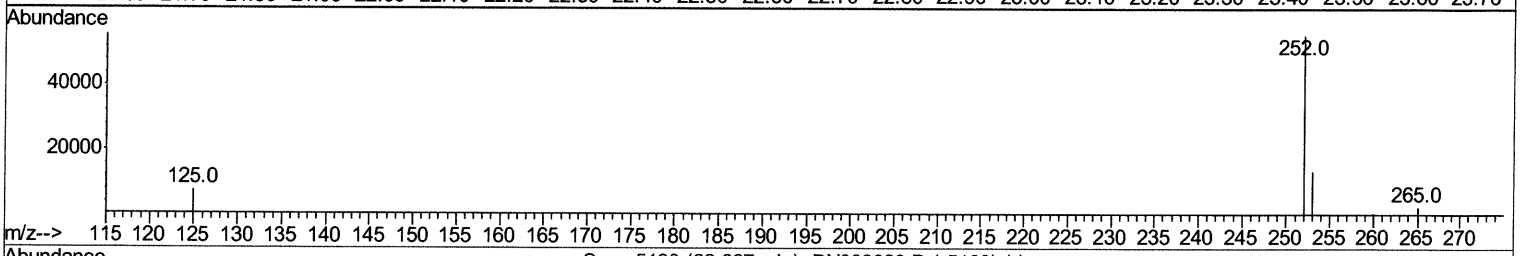

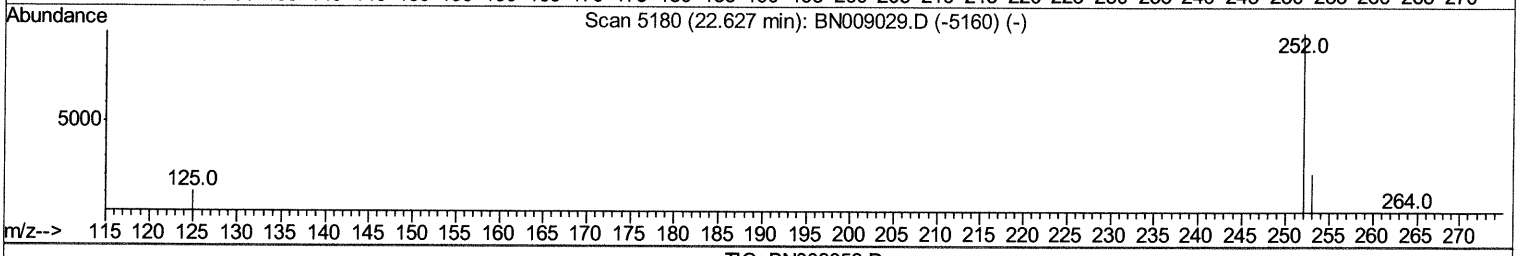

TIC: BN009052.D

(21) Benzo(b)fluoranthene

22.624min (-0.003) 4.01ng/ul

response 151857

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	24.68
125.00	15.00	13.82
0.00	0.00	0.00

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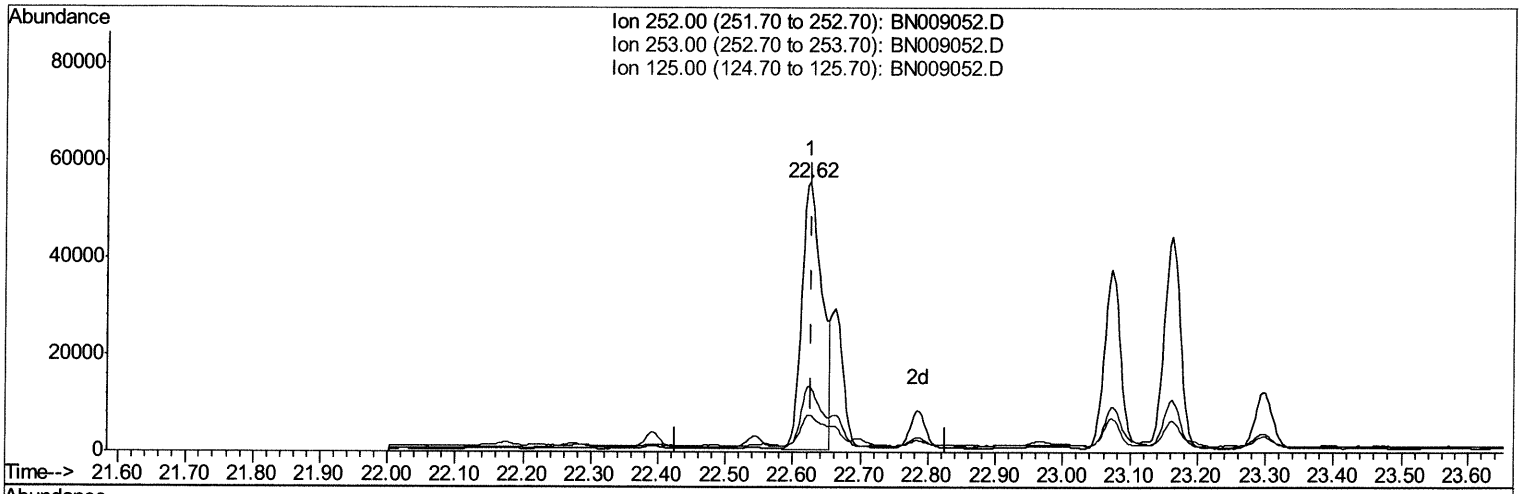
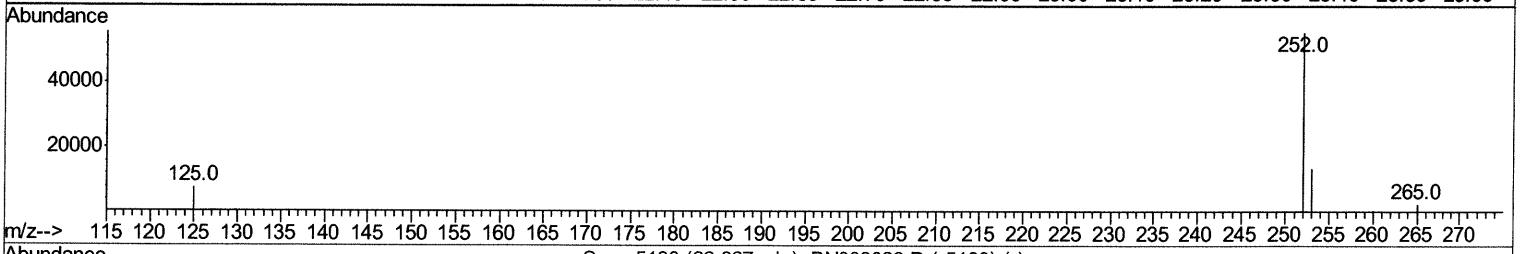
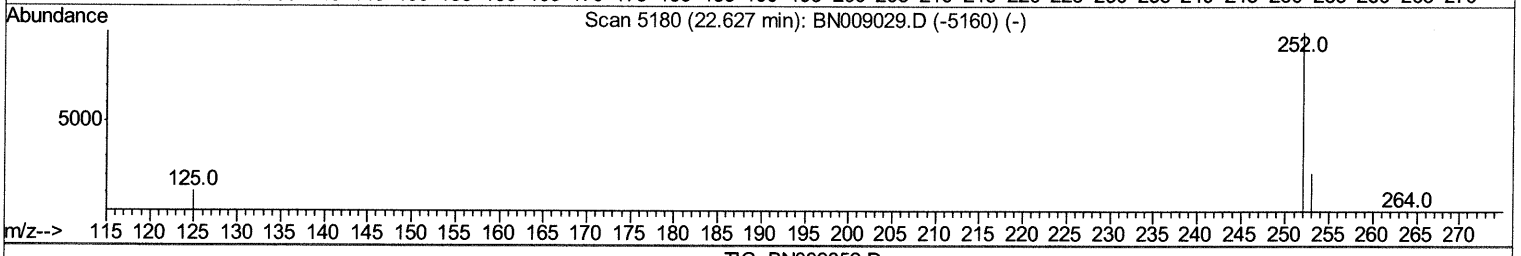
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:01 PM







TIC: BN009052.D

(21) Benzo(b)fluoranthene

22.624min (-0.003) 3.04ng/ul m JU 12/23/19

response 115402

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	24.68
125.00	15.00	13.82
0.00	0.00	0.00

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BNA_N
ClientSampleId :
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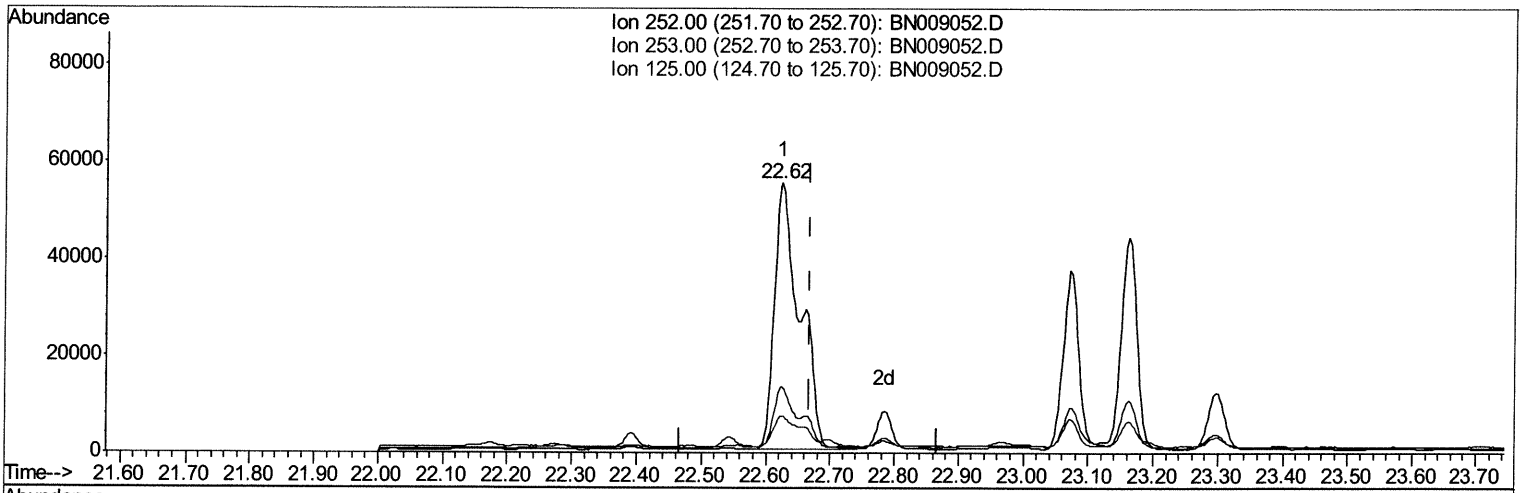
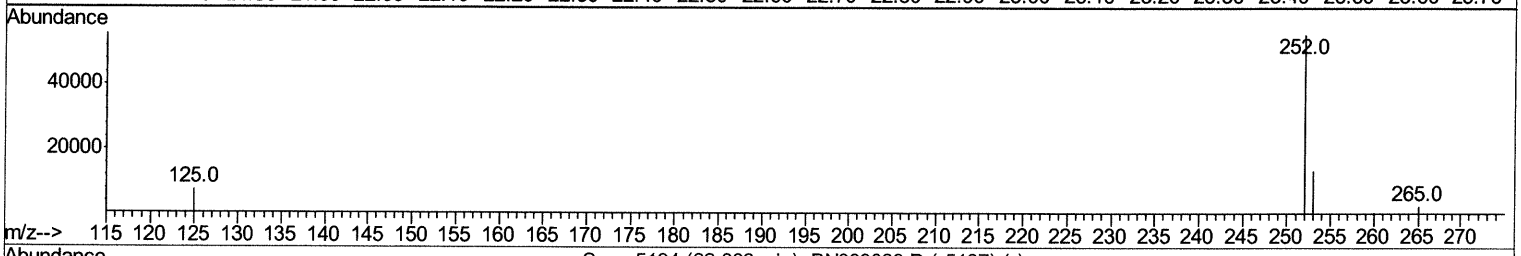
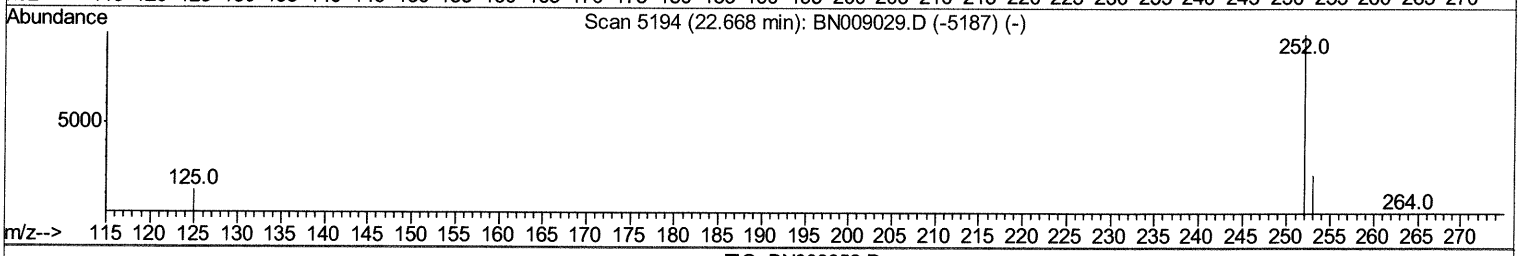
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:01 PM







TIC: BN009052.D

(22) Benzo(k)fluoranthene

22.624min (-0.044) 3.97ng/ul

response 151857

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	24.68
125.00	15.50	13.82
0.00	0.00	0.00

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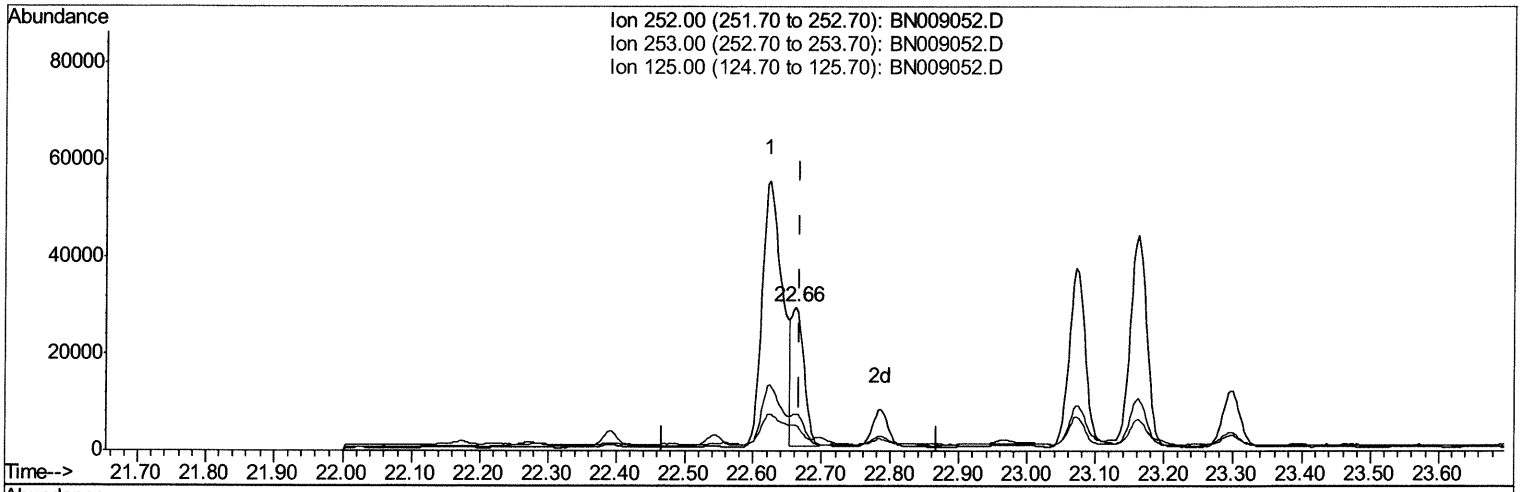

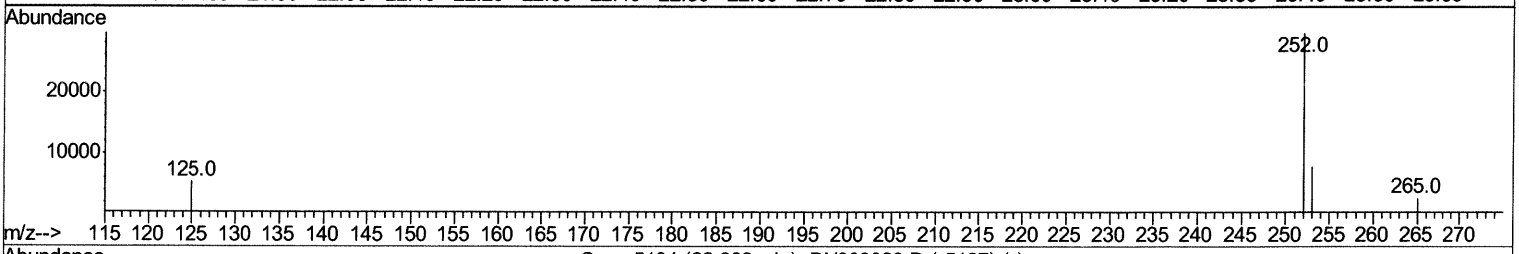

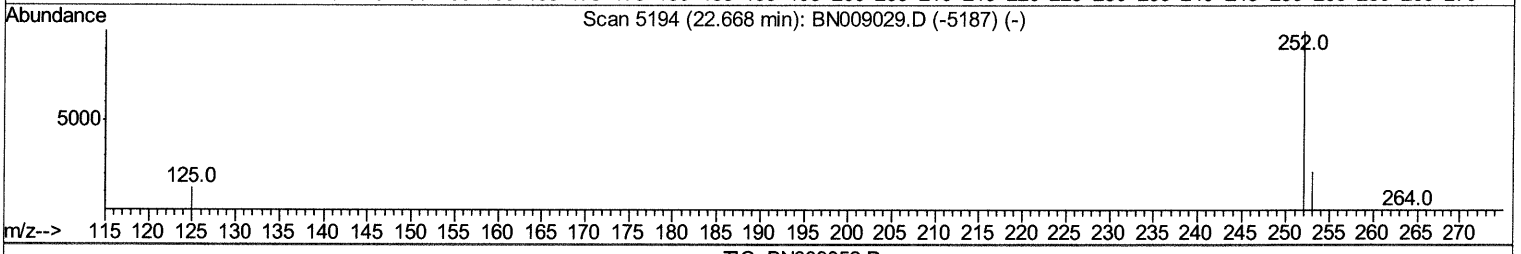

TIC: BN009052.D

(22) Benzo(k)fluoranthene

22.662min (-0.006) 0.92ng/ul m JU 12/23/19

response 35306

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	25.98
125.00	15.50	17.82
0.00	0.00	0.00

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Manual Integrations APPROVED
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12/20/2019 4:30:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3623	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	13971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7991	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15964m >	0.40	ng/ul >	0.00 JU 12/23/19
16) Chrysene-d12	21.12	240	8742	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	5949	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	11360	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	6416	0.151	ng/ul	98
5) 2-Methylnaphthalene	11.96	142	5009	0.156	ng/ul	99
7) Acenaphthylene	13.88	152	5713	0.136	ng/ul	96
8) Acenaphthene	14.23	153	2558	0.078	ng/ul	99
9) Fluorene	15.22	166	6348	0.163	ng/ul#	98
12) Phenanthrene	16.95	178	134913	2.430	ng/ul	100
13) Anthracene	17.05	178	20962	0.421	ng/ul	99
15) Fluoranthene	18.98	202	286901	4.519	ng/ul	98
17) Pyrene	19.34	202	214551	4.811	ng/ul	96
18) Benzo(a)anthracene	21.10	228	84301	2.172	ng/ul	96
19) Chrysene	21.15	228	95044	2.436	ng/ul	96
21) Benzo(b)fluoranthene	22.62	252	115402m 3	3.044	ng/ul 3	JU 12/23/19
22) Benzo(k)fluoranthene	22.66	252	35306m 3	0.923	ng/ul 3	
23) Benzo(a)pyrene	23.16	252	74316	2.237	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.35	276	54234	1.499	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	12978	0.451	ng/ul#	79
26) Benzo(g,h,i)perylene	25.99	276	58261	1.911	ng/ul	99

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