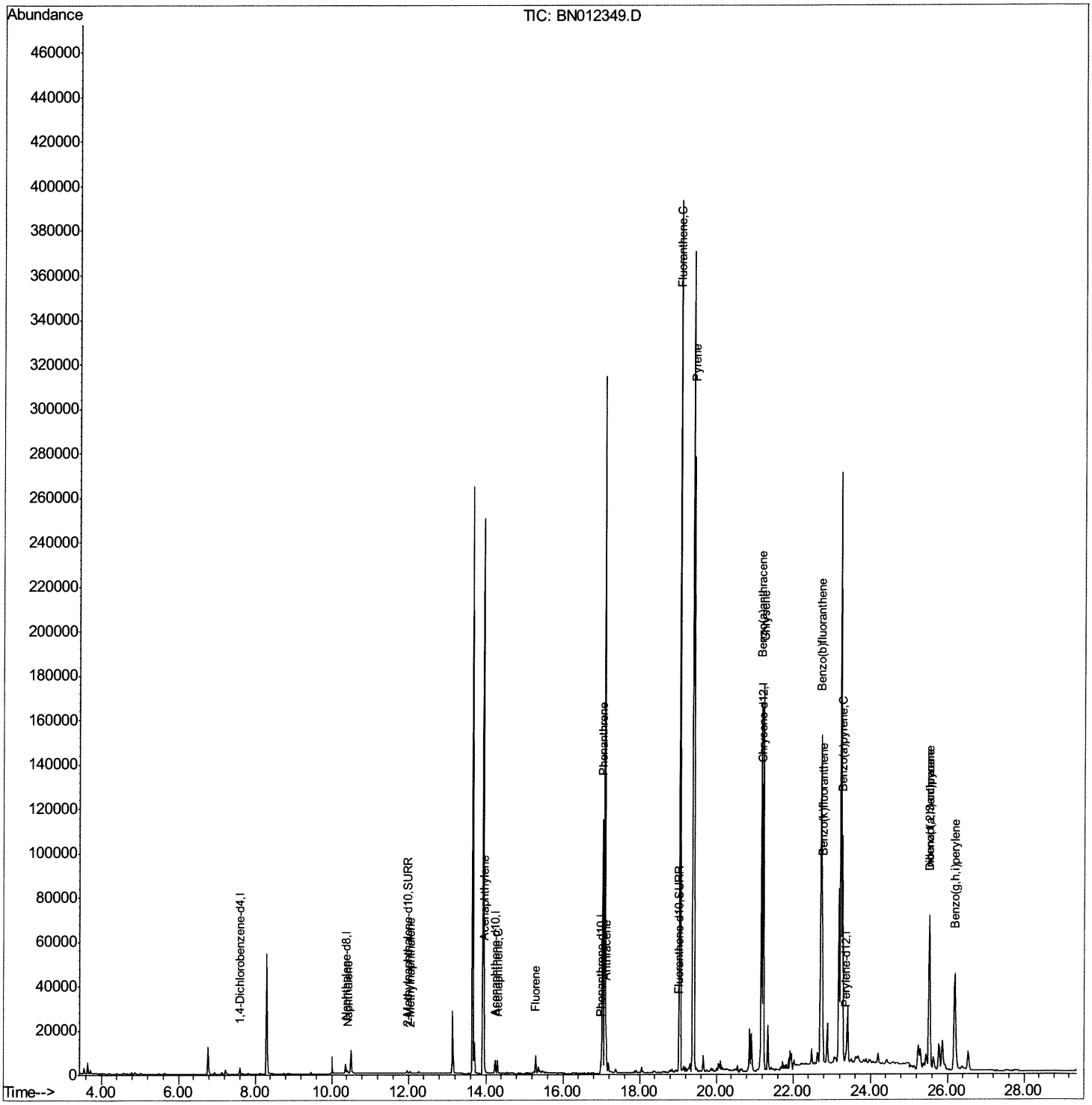
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101920\
Data File : BN012349.D
Acq On : 19 Oct 2020 13:45
Operator : CG/JU
Sample : L4308-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 19 14:15:30 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 : Mon Oct 19 11:52:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AP8

Manual Integrations APPROVED
Sohil
10/20/2020 9:35:46 AM



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Data File : BN012349.D
Acq On : 19 Oct 2020 13:45
Operator : CG/JU
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Quant Time: Oct 19 14:13:59 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 : Mon Oct 19 11:52:04 2020
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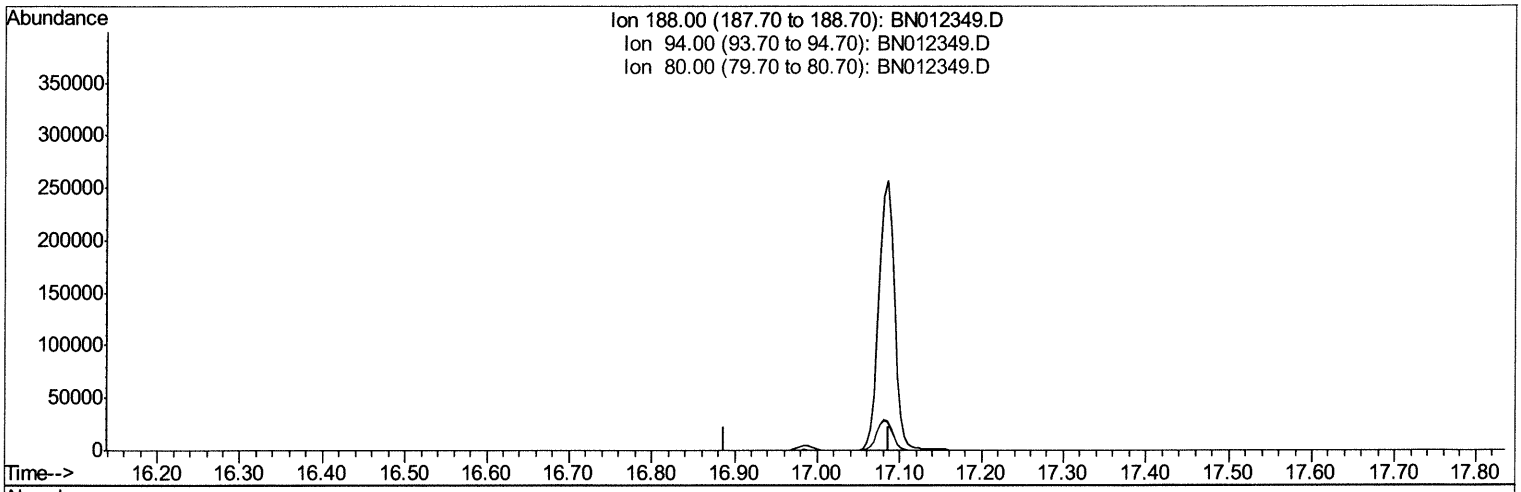
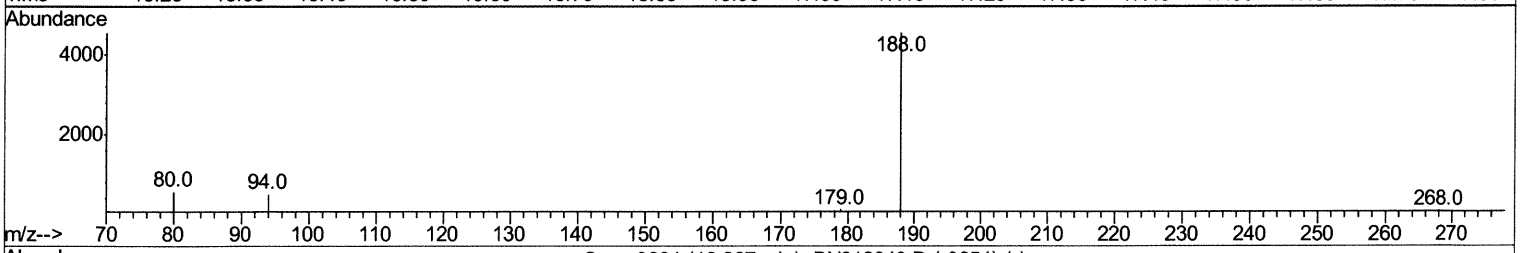
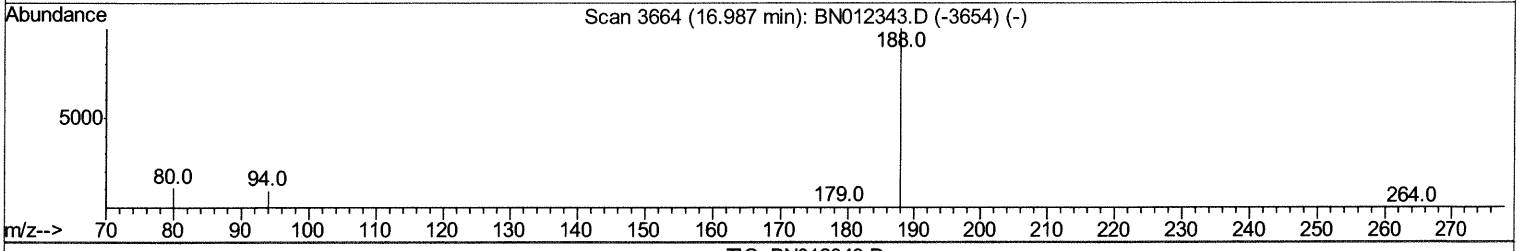
10/20/2020 9:35:46 AM







TIC: BN012349.D

(10) Phenanthrene-d10 (I)

16.987min (-16.987) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.20	0.00#
80.00	12.00	0.00#
0.00	0.00	0.00

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Manual Integrations APPROVED
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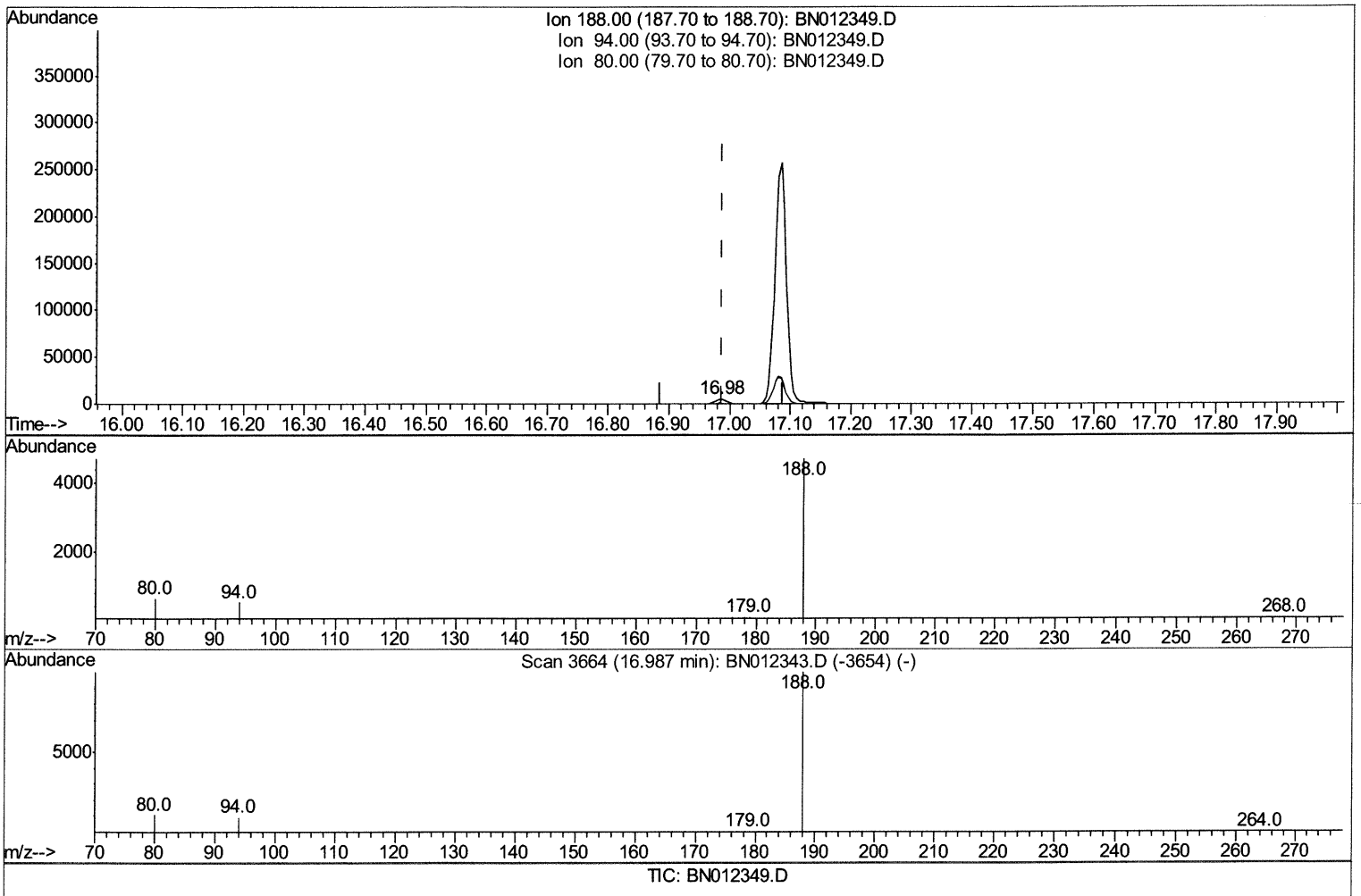

TIC: BN012349.D

(10) Phenanthrene-d10 (I)

16.983min (-0.004) 0.40ng/ul m 10/20/20 JU

response 6620

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	11.11
80.00	12.00	13.31
0.00	0.00	0.00

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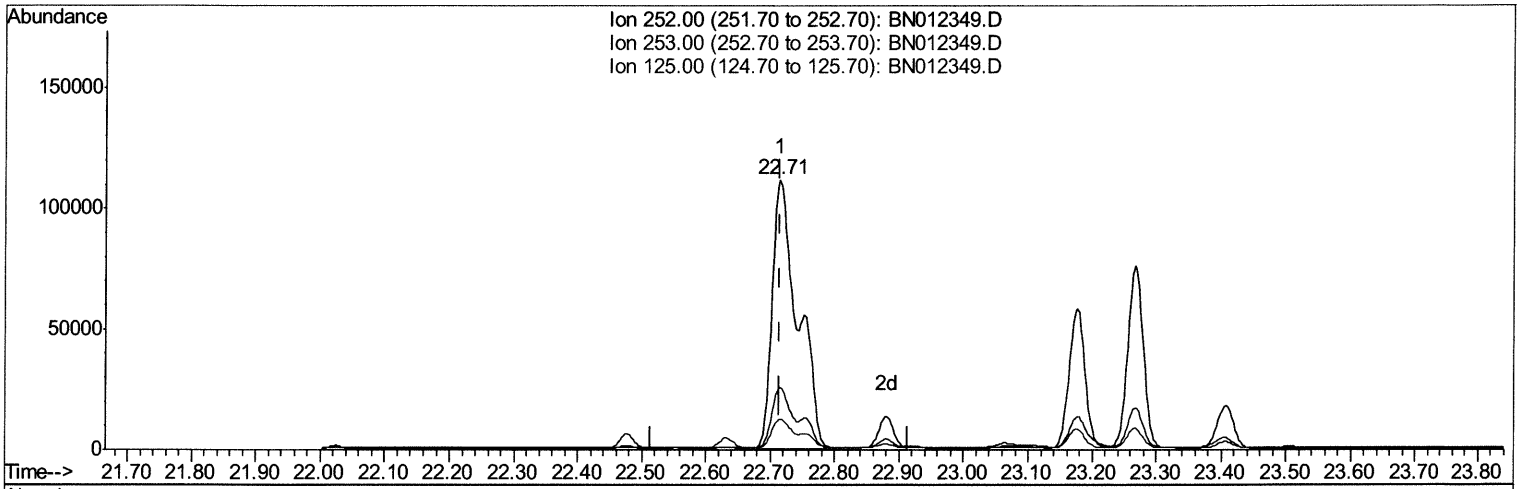
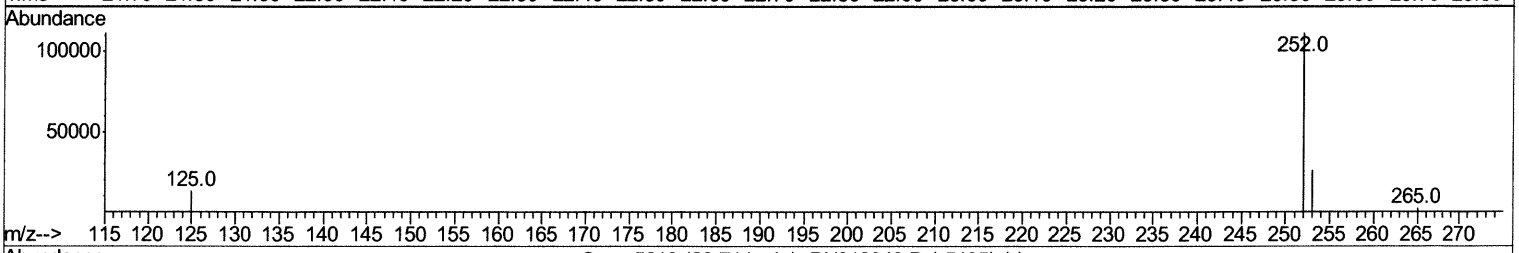
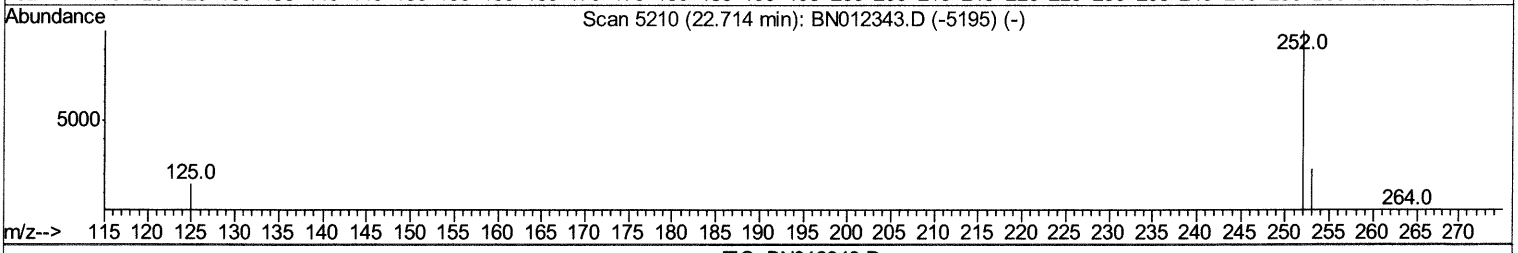
Manual Integrations APPROVED
Sohil
10/20/2020 9:35:46 AM







TIC: BN012349.D

(21) Benzo(b)fluoranthene

22.715min (+0.000) 14.08ng/ul

response 304889

Ion	Exp%	Act%
252.00	100	100
253.00	28.20	23.12
125.00	18.90	11.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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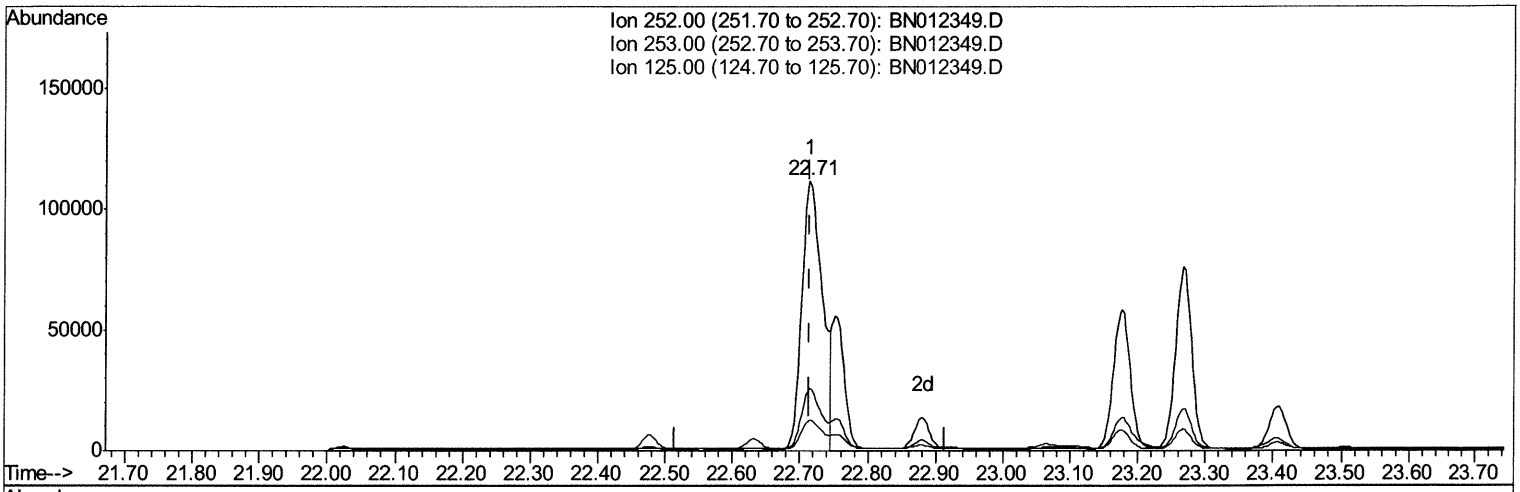
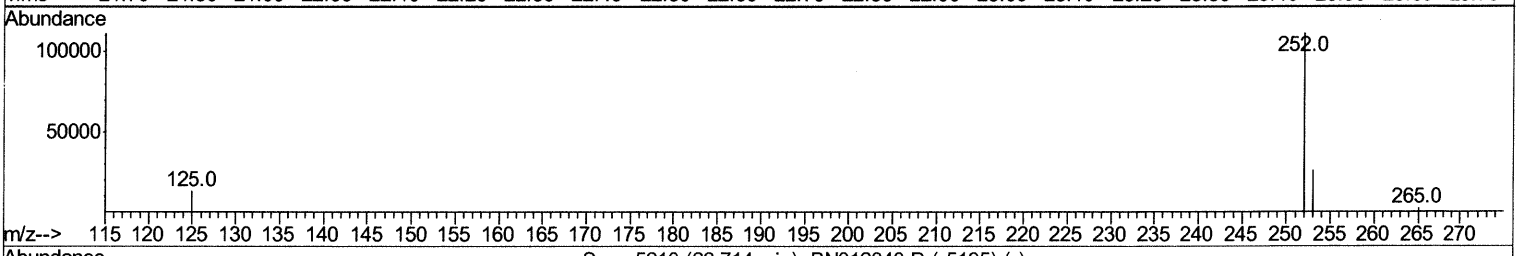
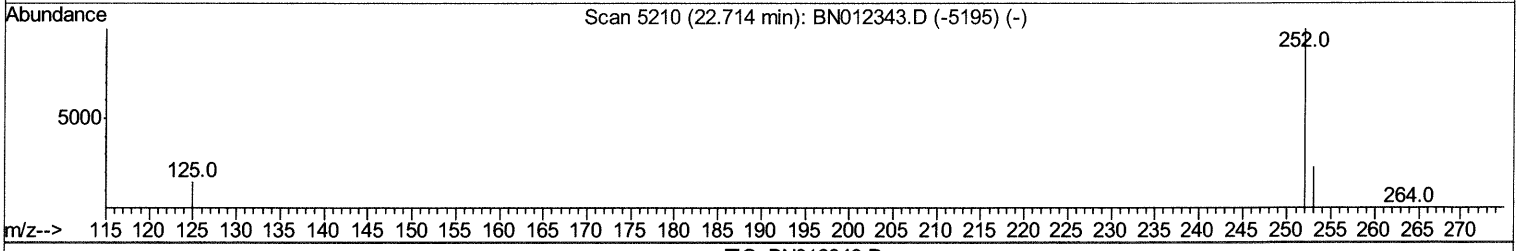
BNA_N
ClientSampleId :
C0AP8

Manual Integrations APPROVED
Sohil
10/20/2020 9:35:46 AM







TIC: BN012349.D

(21) Benzo(b)fluoranthene

22.715min (+0.000) 10.79ng/ul m 10/20/20 JU

response 233604

Ion	Exp%	Act%
252.00	100	100
253.00	28.20	23.12
125.00	18.90	11.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : L4308-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 19 14:14:29 2020
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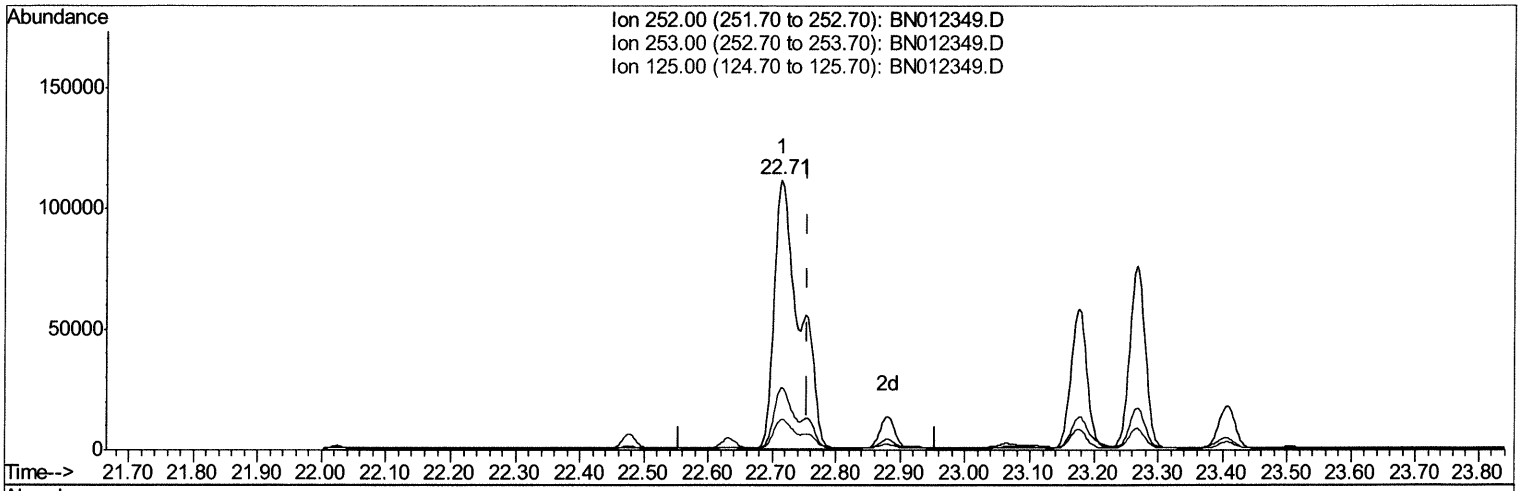
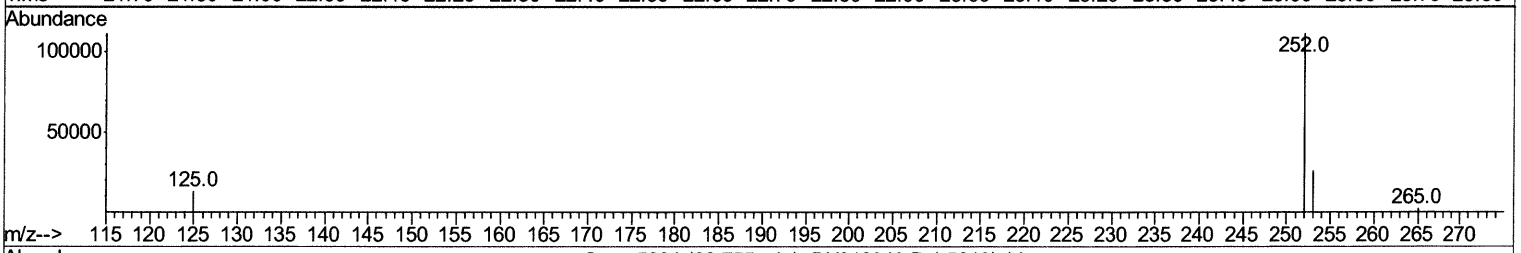
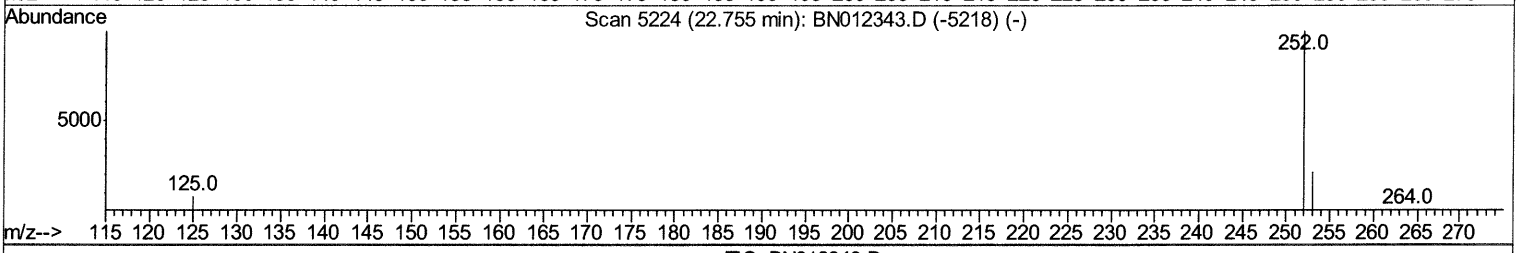
Instrument :
BNA_N
ClientSampleId :
C0AP8

Manual Integrations APPROVED
Sohil
10/20/2020 9:35:46 AM







TIC: BN012349.D

(22) Benzo(k)fluoranthene

22.715min (-0.041) 12.72ng/ul

response 304889

Ion	Exp%	Act%
252.00	100	100
253.00	27.80	23.12
125.00	13.70	11.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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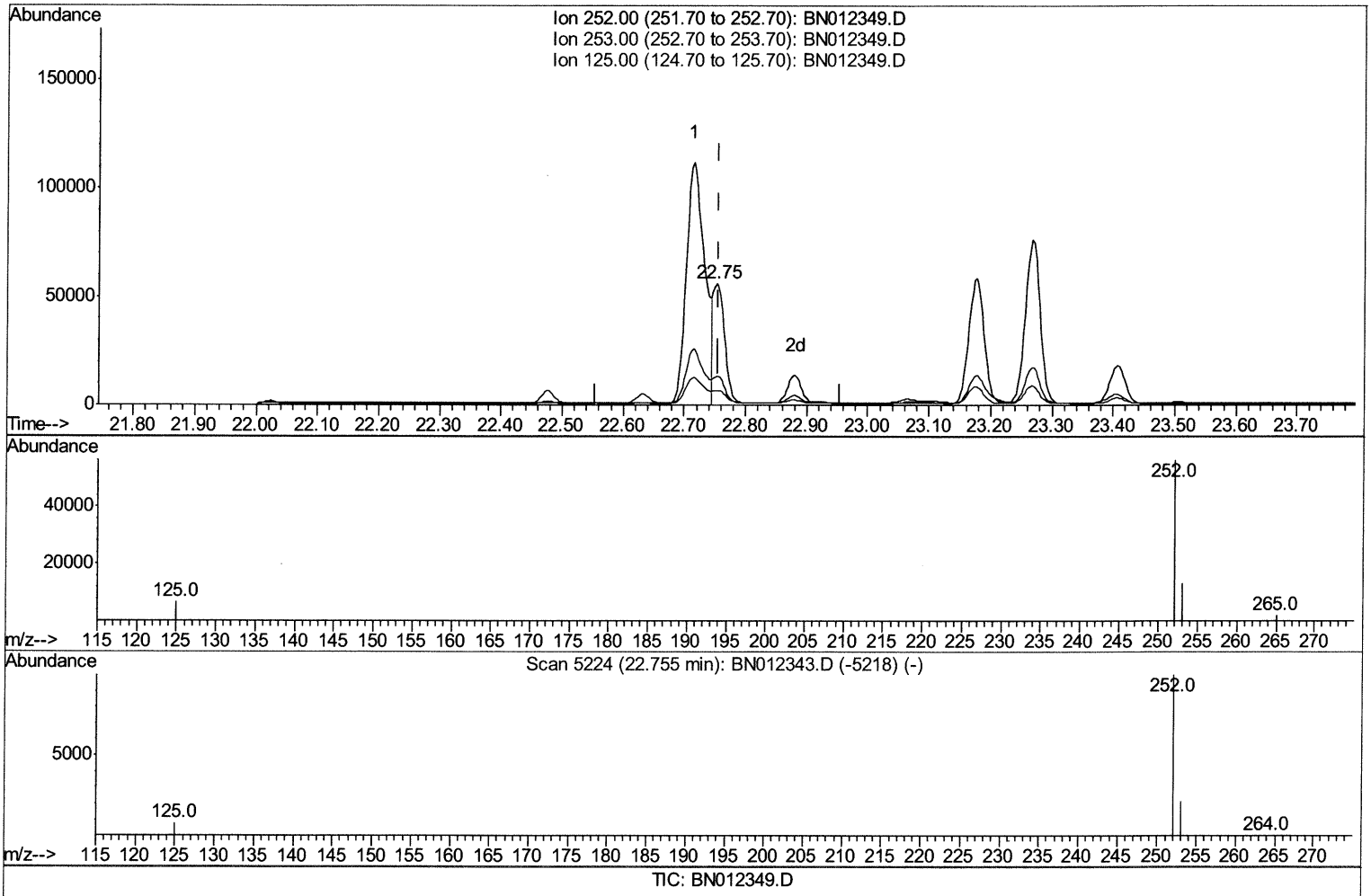
Instrument :
BNA_N
ClientSampleId :
C0AP8

Manual Integrations APPROVED
Sohil
10/20/2020 9:35:46 AM



(22) Benzo(k)fluoranthene

22.753min (-0.003) 3.11ng/ul m 10/20/20 JU

response 74614

Ion	Exp%	Act%
252.00	100	100
253.00	27.80	23.72
125.00	13.70	12.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : L4308-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP8

Manual Integrations APPROVED
Sohil
10/20/2020 9:35:46 AM

Quant Time: Oct 19 14:15:30 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1300	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5552	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3208	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6620m>	0.40	ng/ul>	0.00 10/20/20 JU
16) Chrysene-d12	21.19	240	6081	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	5360	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1964	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	4067	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	1921	0.120	ng/ul#	94
5) 2-Methylnaphthalene	12.04	142	746	0.073	ng/ul	94
7) Acenaphthylene	13.95	152	2510	0.180	ng/ul	94
8) Acenaphthene	14.30	153	3380	0.287	ng/ul	98
9) Fluorene	15.29	166	4758	0.363	ng/ul	96
12) Phenanthrene	17.03	178	114670	5.434	ng/ul	98
13) Anthracene	17.12	178	19365	1.070	ng/ul	99
15) Fluoranthene	19.05	202	314532	12.747	ng/ul	97
17) Pyrene	19.41	202	240142	8.759	ng/ul	98
18) Benzo(a)anthracene	21.17	228	135058	5.996	ng/ul	99
19) Chrysene	21.22	228	160789	5.859	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	233604m?	10.790	ng/ul?	
22) Benzo(k)fluoranthene	22.75	252	74614m?	3.114	ng/ul?	10/20/20 JU
23) Benzo(a)pyrene	23.27	252	128437	6.098	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.53	276	103975	3.843	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.53	278	26483	1.224	ng/ul	97
26) Benzo(g,h,i)perylene	26.19	276	88811	3.581	ng/ul	98

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