

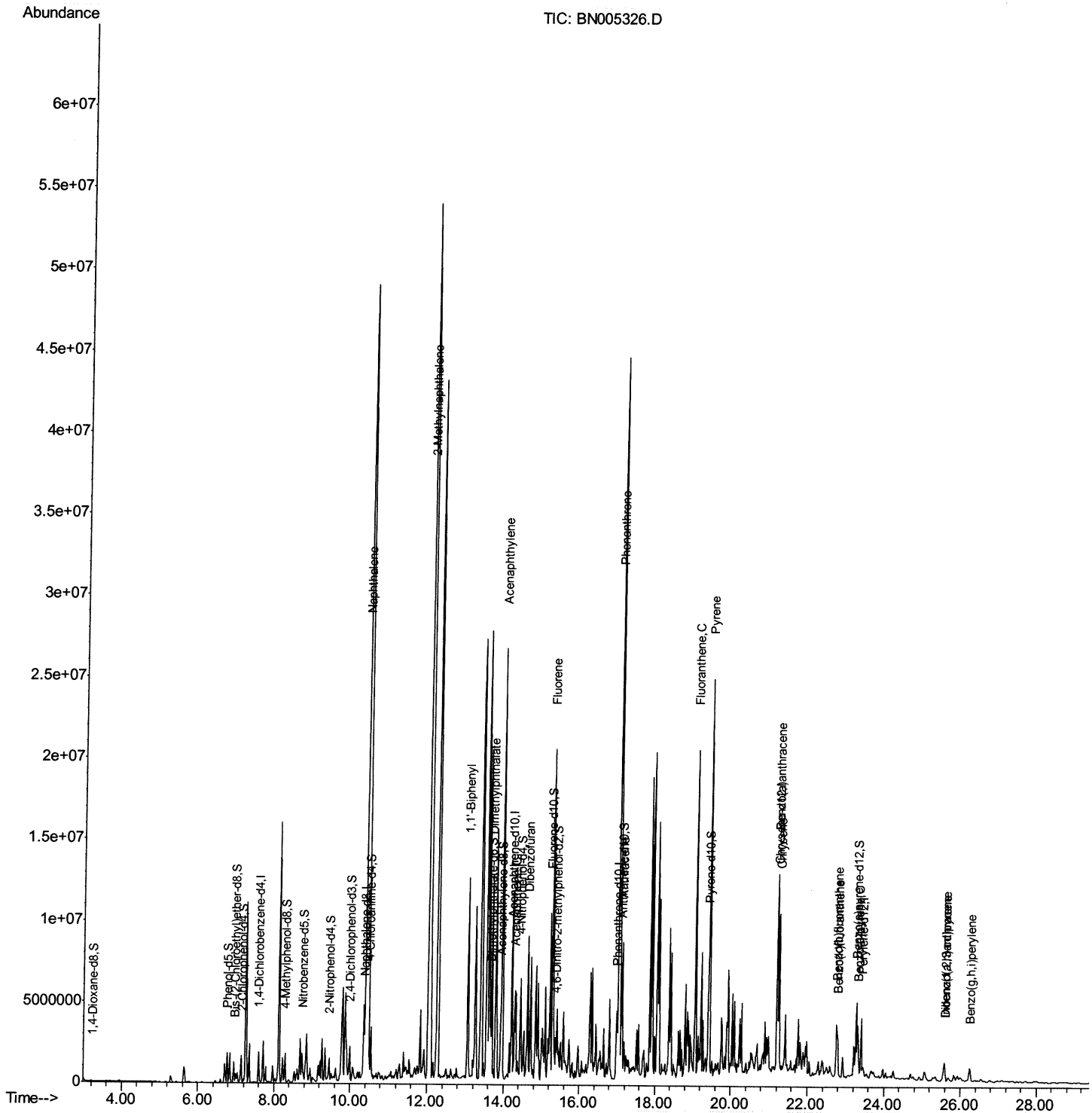
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005326.D
Acq On : 26 Apr 2019 21:04
Operator : JU/SJ
Sample : K2455-02ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ4ME

Manual Integrations
APPROVED

Sohil
4/29/2019 1:43:25 PM

Quant Time: Apr 27 00:39:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

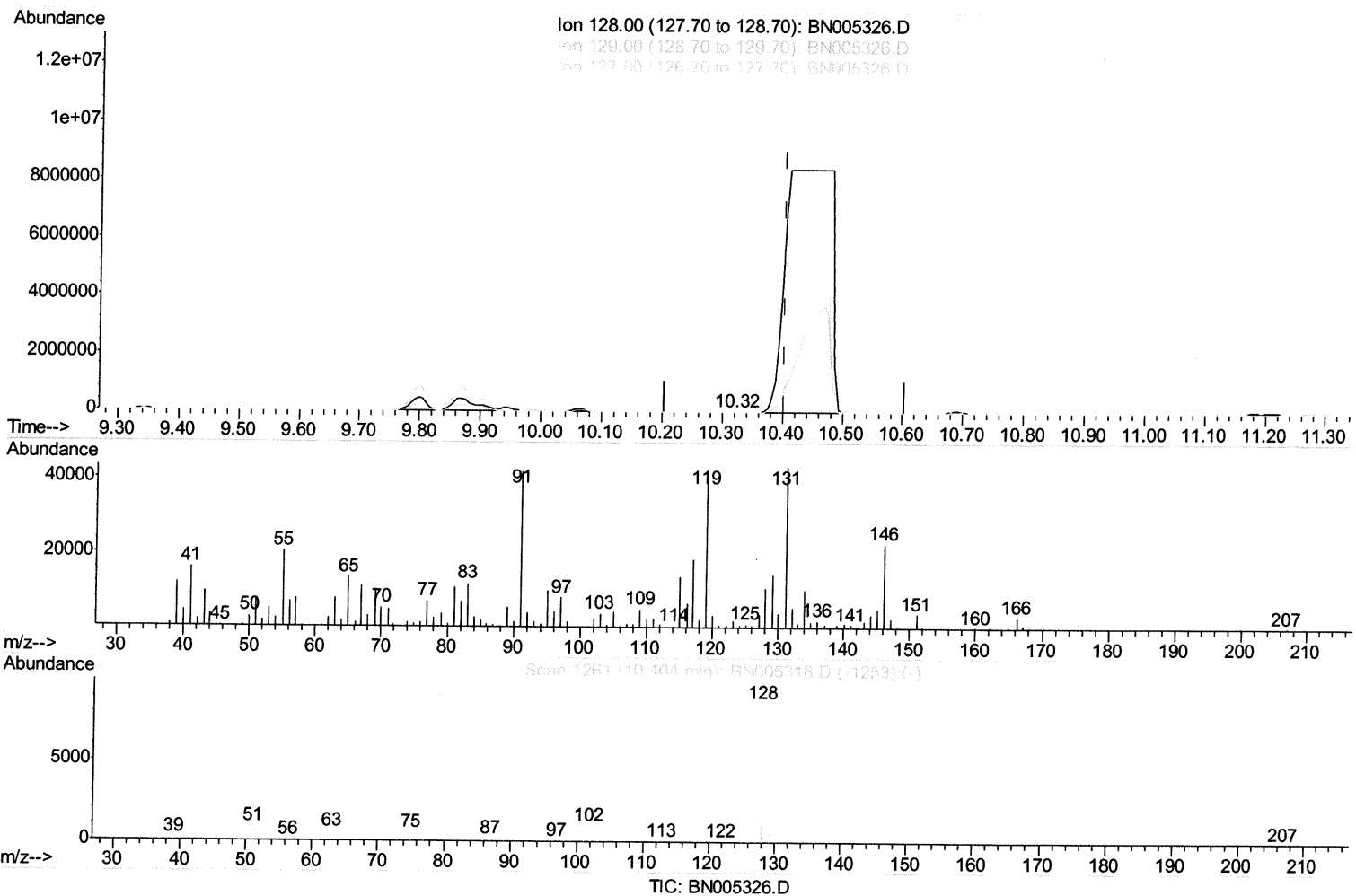
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(28) Naphthalene

10.322min (-0.082) 0.20ng/ul

response 18762

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	130.60#
127.00	13.40	36.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

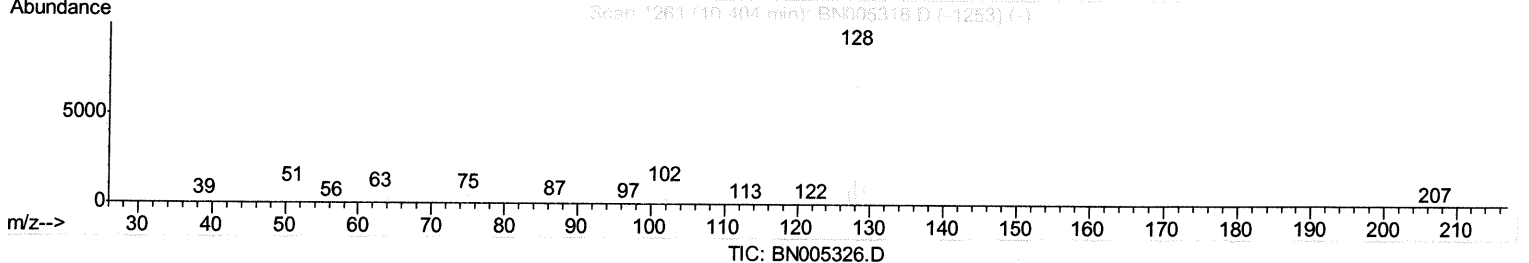
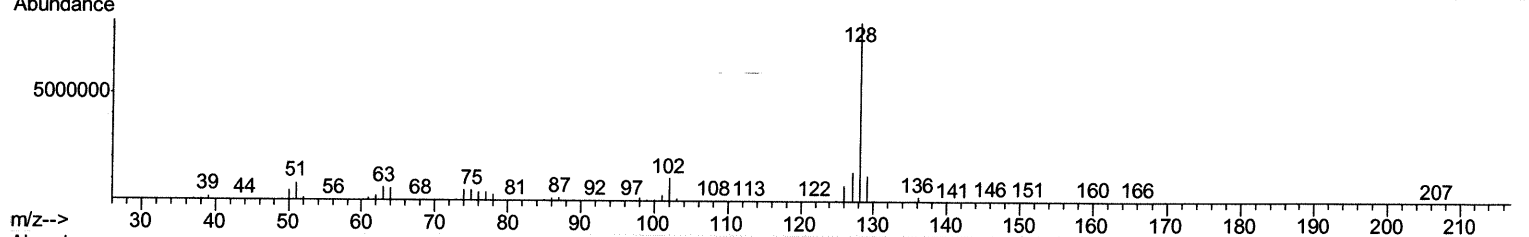
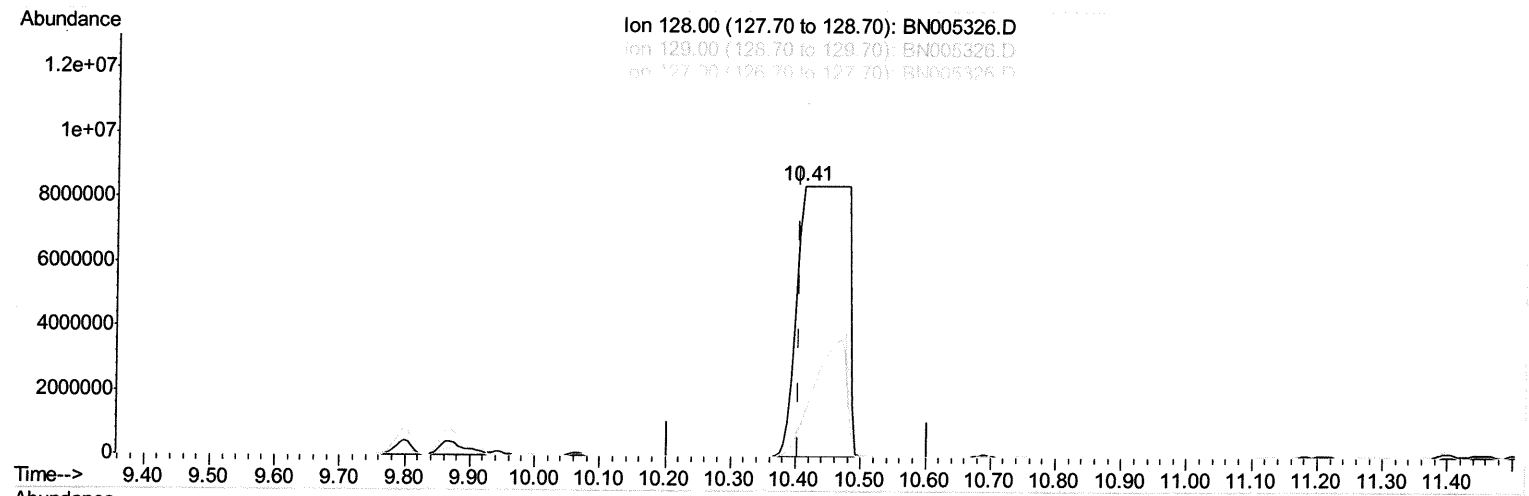
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Manual Integrations
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Sohil
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(28) Naphthalene

10.410min (+0.006) 464.74ng/ul m *SJ 04/30/19*

response 44479815

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	14.25#
127.00	13.40	16.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

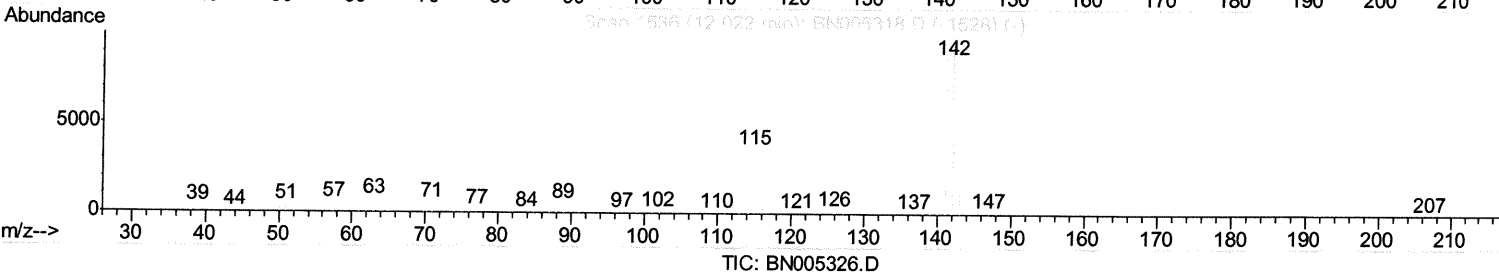
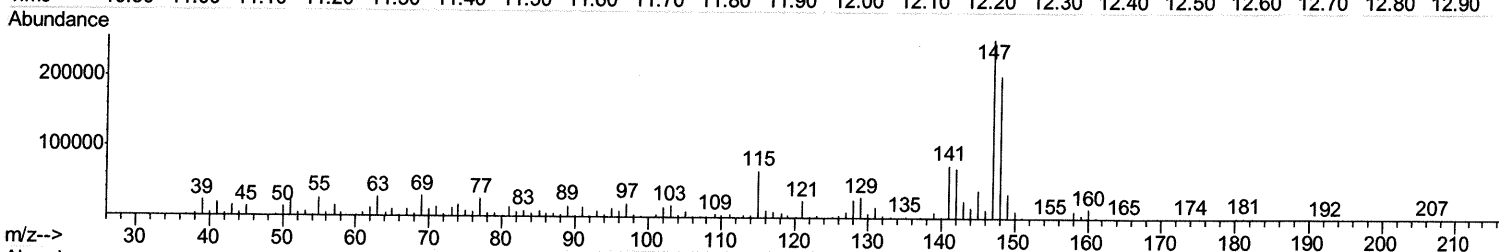
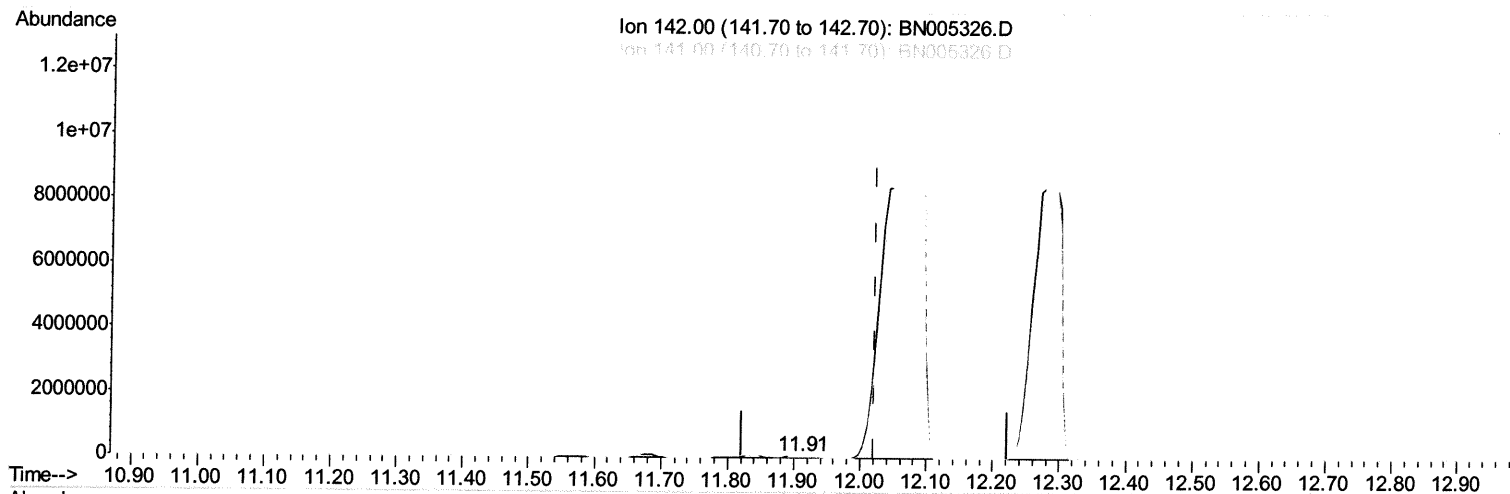
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 Sample : K2455-02ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:25 PM

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(34) 2-Methylnaphthalene

11.910min (-0.111) 3.23ng/ul

response 226316

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	104.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

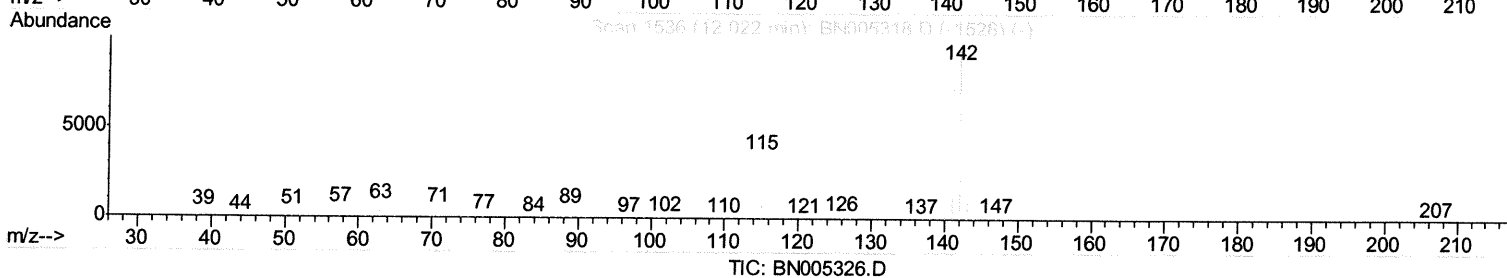
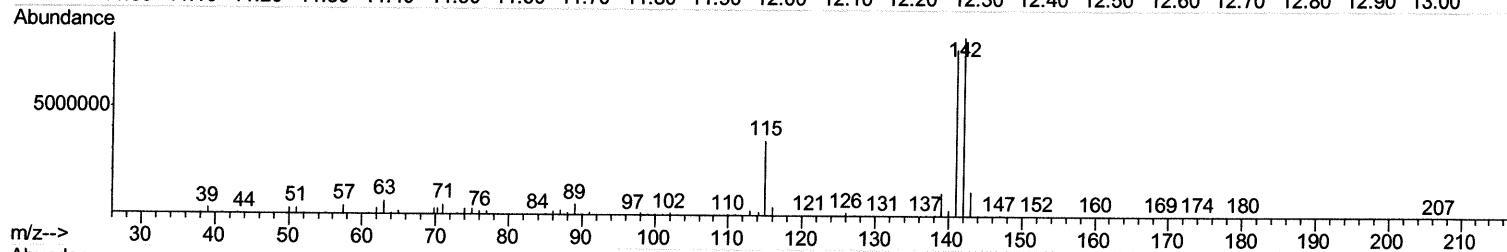
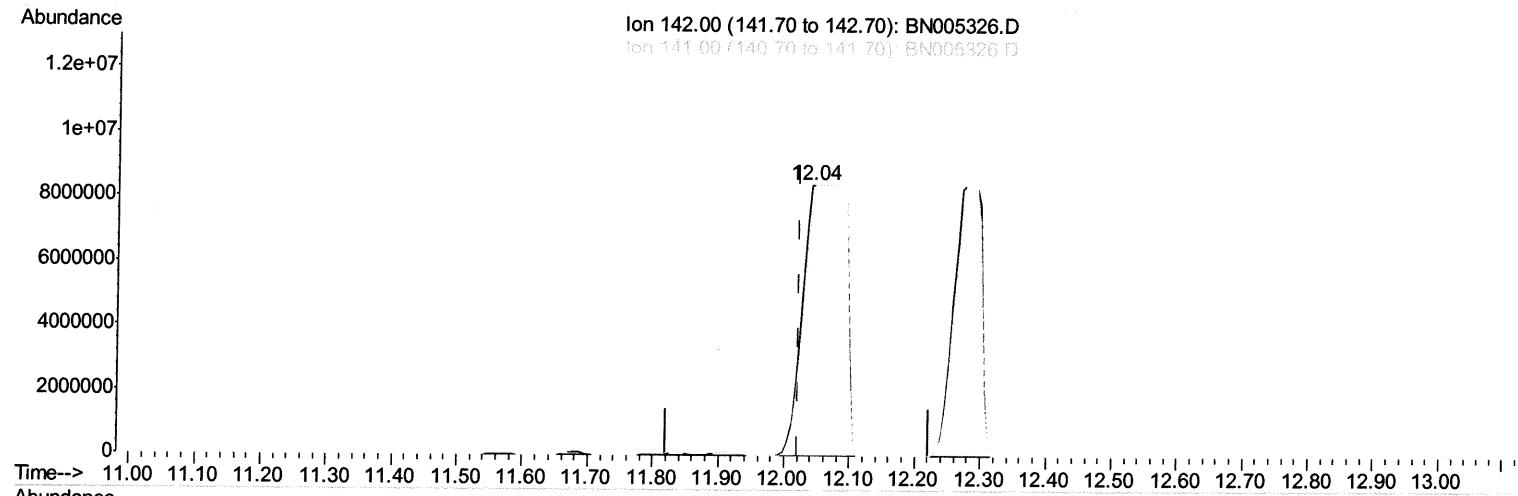
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 Operator : JU/SJ
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:25 PM

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 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.040min (+0.018) 540.74ng/ul m *SJ 04/30/19*

response 37894977

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	93.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

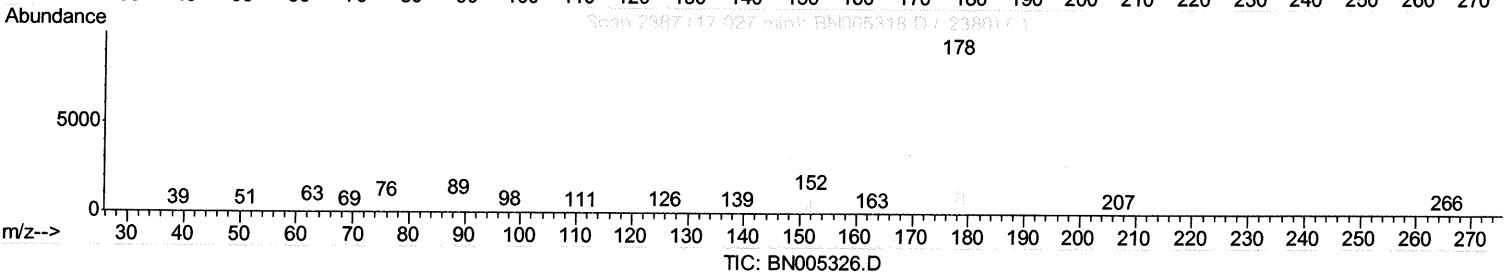
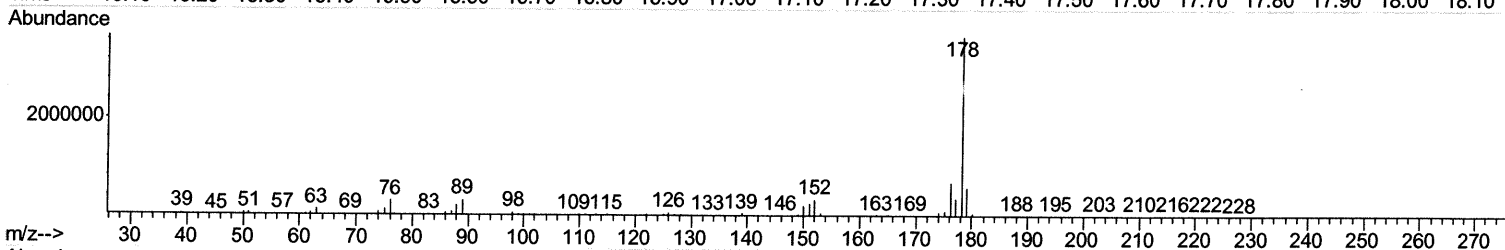
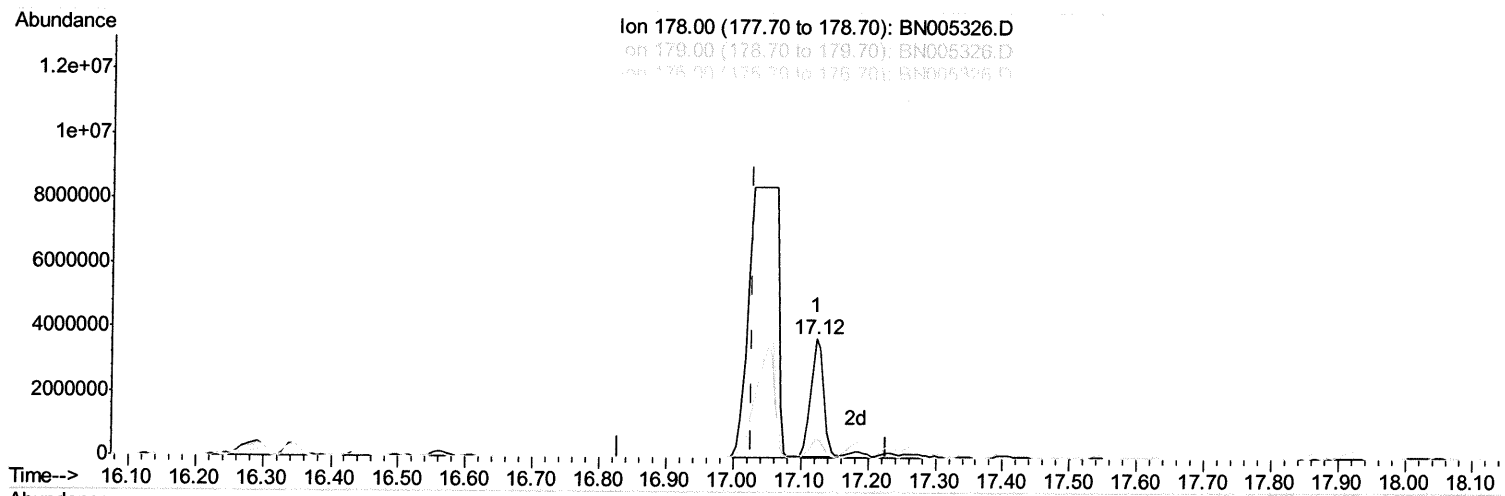
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:25 PM

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TIC: BN005326.D

(69) Phenanthrene

17.122min (+0.095) 32.01ng/ul

response 4866974

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.83
176.00	18.90	18.51
0.00	0.00	0.00

Quantitation Report (Qedit)

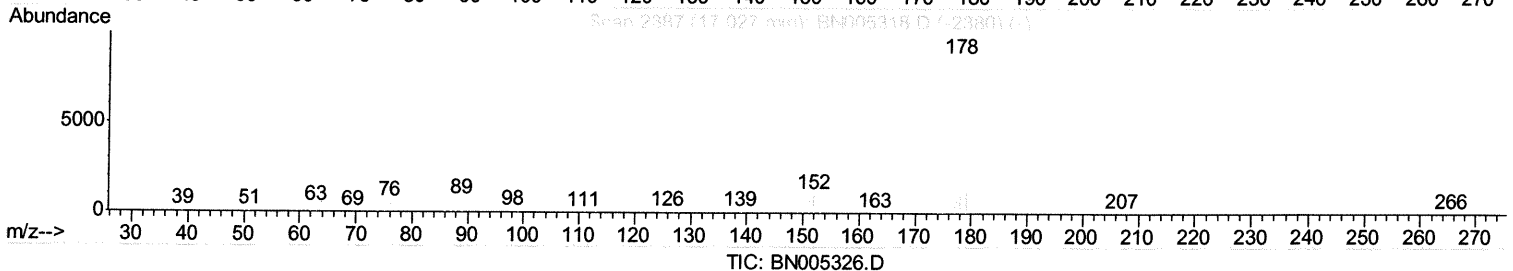
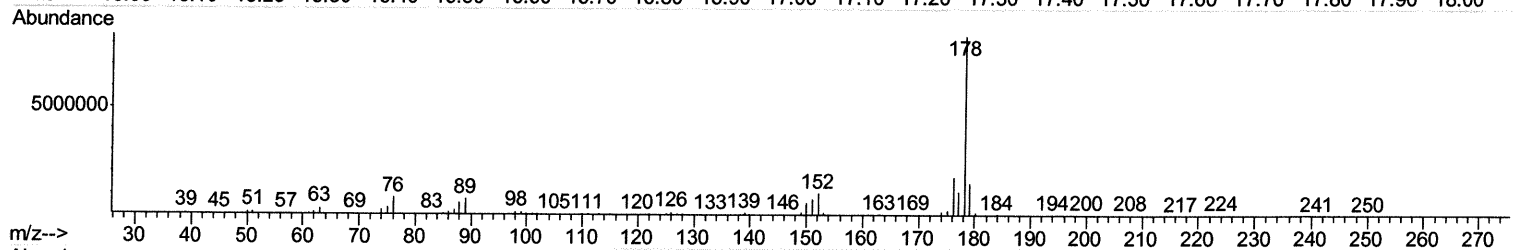
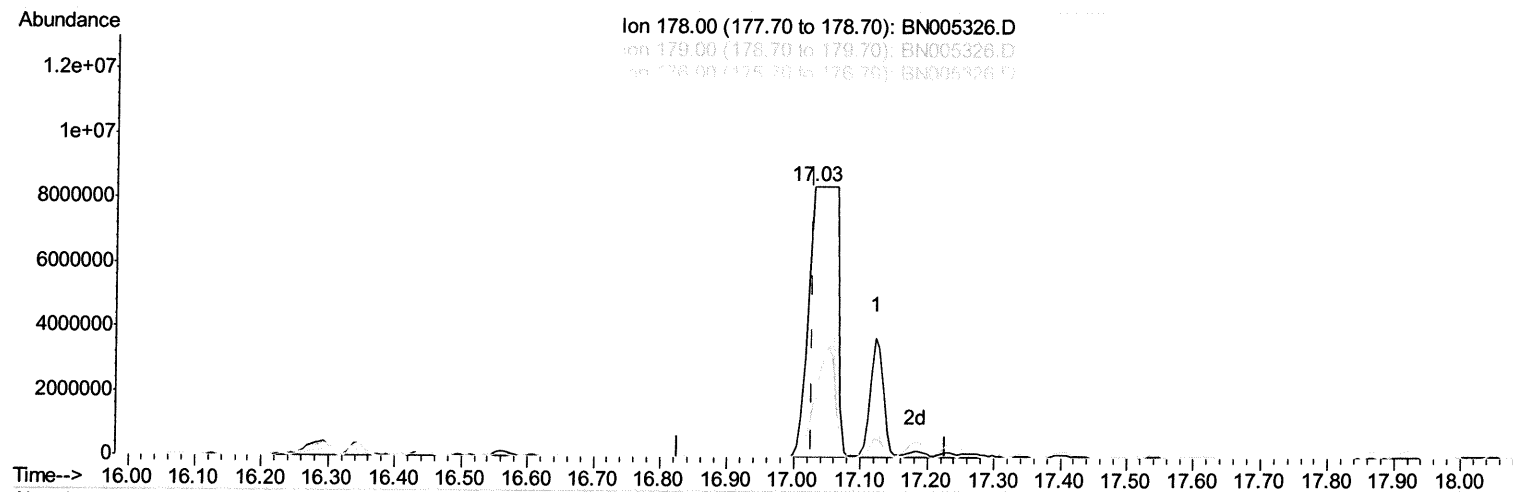
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 Data File : BN005326.D
 Acq On : 26 Apr 2019 21:04
 Operator : JU/SJ
 Sample : K2455-02ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ4ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:25 PM

Quant Time: Apr 26 23:32:37 2019
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 QLast Update : Fri Apr 26 23:25:31 2019
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TIC: BN005326.D

(69) Phenanthrene

17.028min (+0.000) 165.16ng/ul m

response 25110274

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.99
176.00	18.90	21.09
0.00	0.00	0.00

SJ
 04/30/19

Quantitation Report (Qedit)

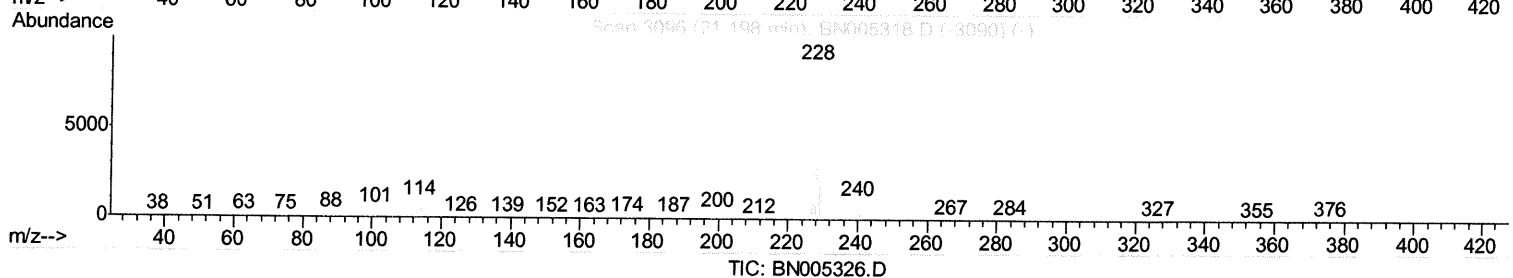
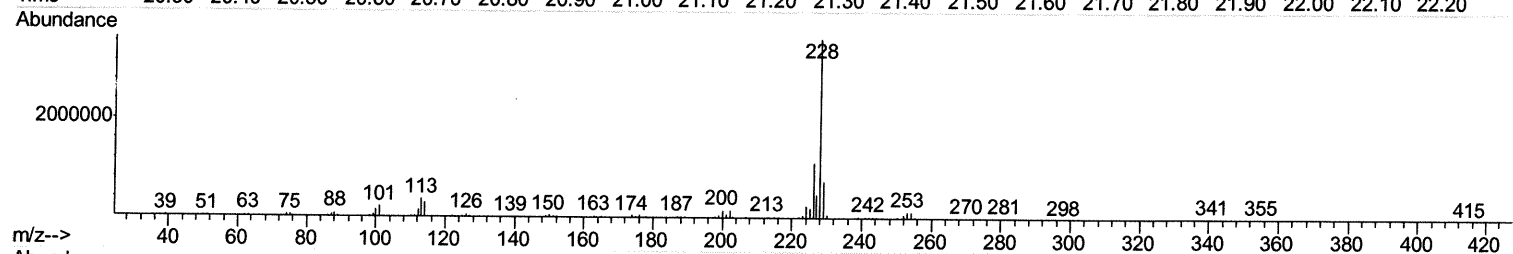
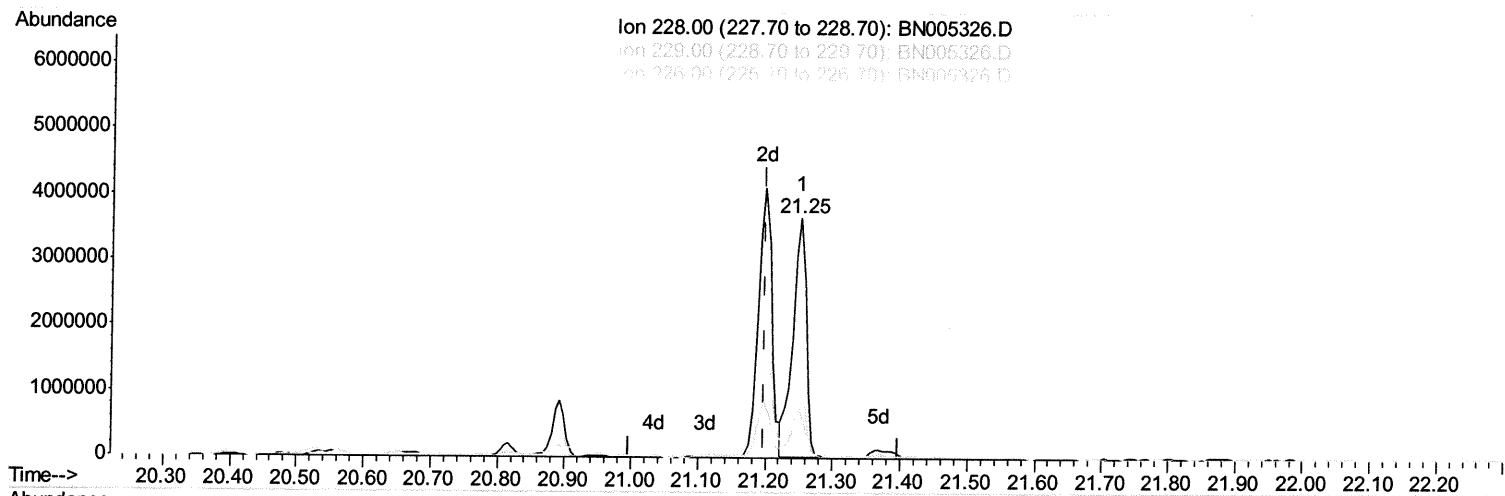
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 Data File : BN005326.D
 Acq On : 26 Apr 2019 21:04
 Operator : JU/SJ
 Sample : K2455-02ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHQ4ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:25 PM

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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.251min (+0.053) 30.43ng/ul

response 5033333

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.40
226.00	26.80	30.57
0.00	0.00	0.00

Quantitation Report (Qedit)

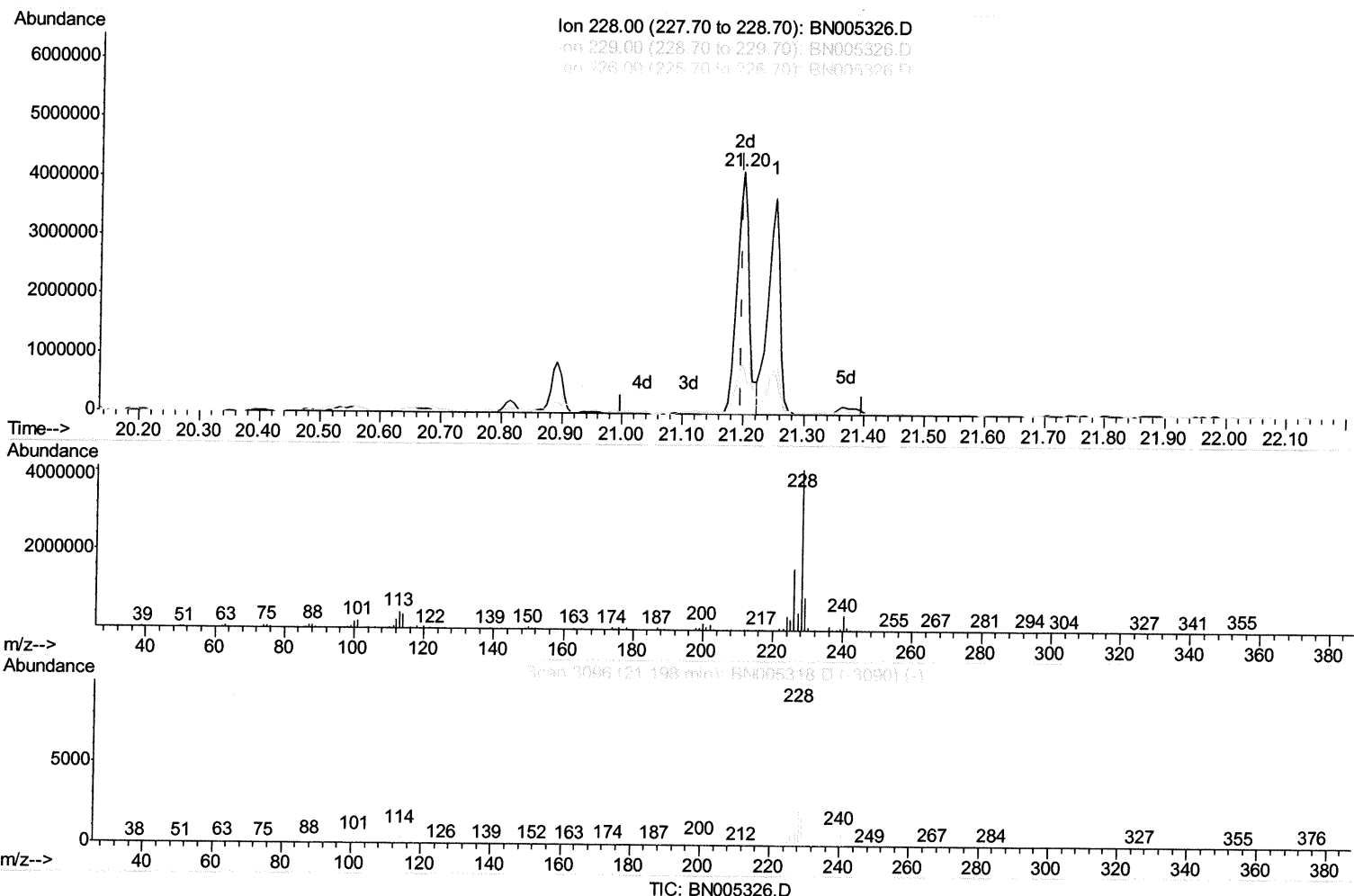
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 Data File : BN005326.D
 Acq On : 26 Apr 2019 21:04
 Operator : JU/SJ
 Sample : K2455-02ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ4ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:25 PM

Quant Time: Apr 26 23:32:37 2019
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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.198min (+0.000) 34.78ng/ul m

SJ
04/30/19

response 5753706

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.89
226.00	26.80	38.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

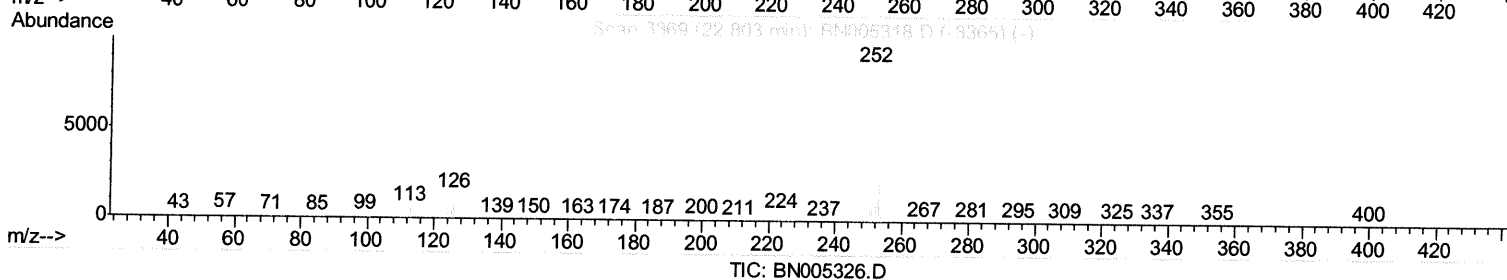
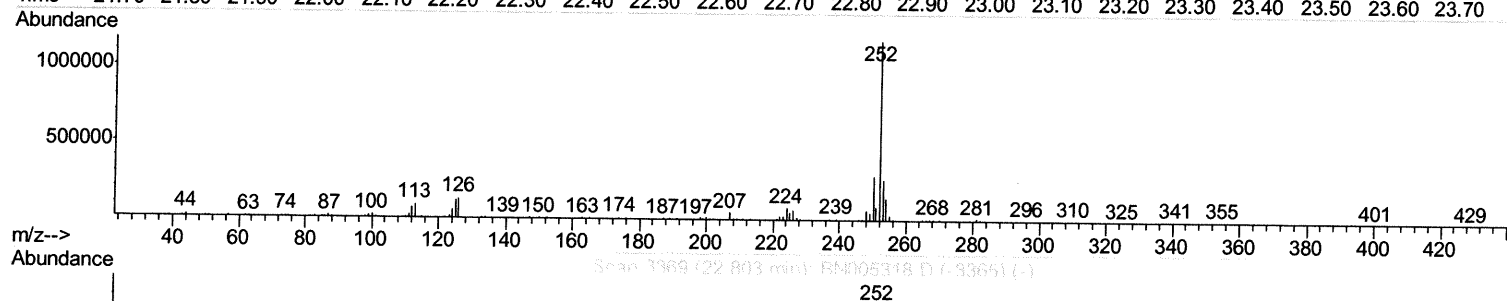
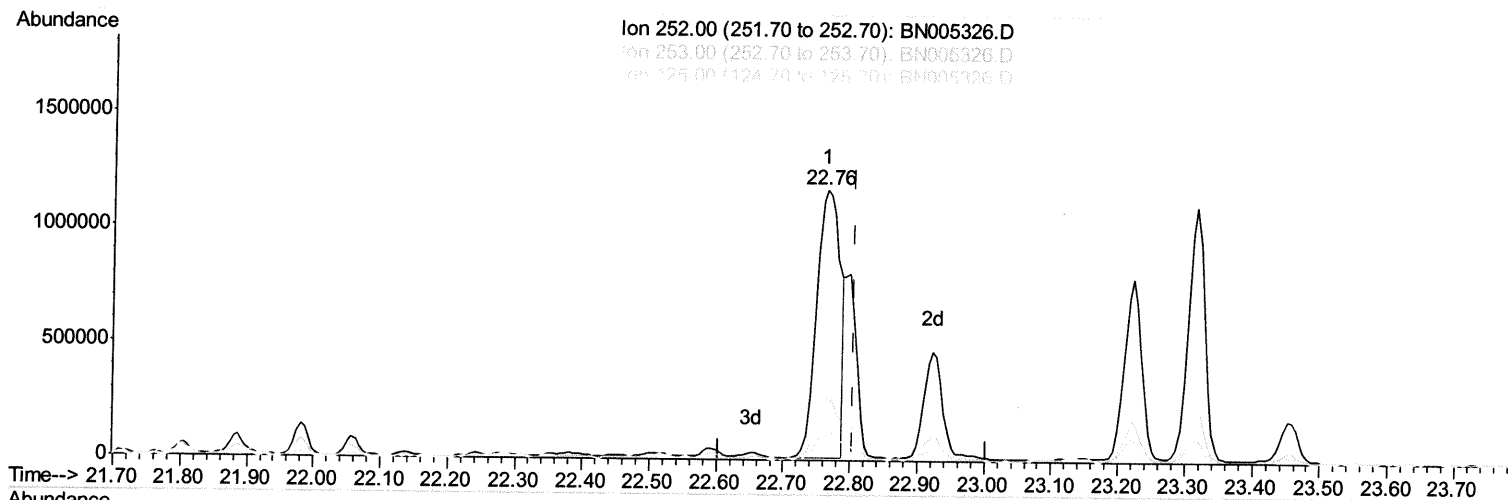
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 GAHQ4ME

Manual Integrations
 APPROVED

Sohil
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(88) Benzo(k)fluoranthene

22.763min (-0.041) 20.60ng/ul

response 2813822

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.98
125.00	9.40	10.06
0.00	0.00	0.00

Quantitation Report (Qedit)

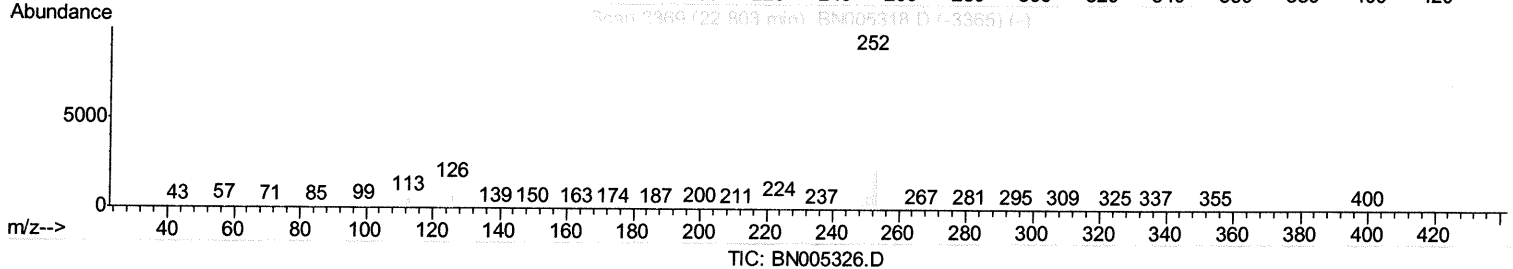
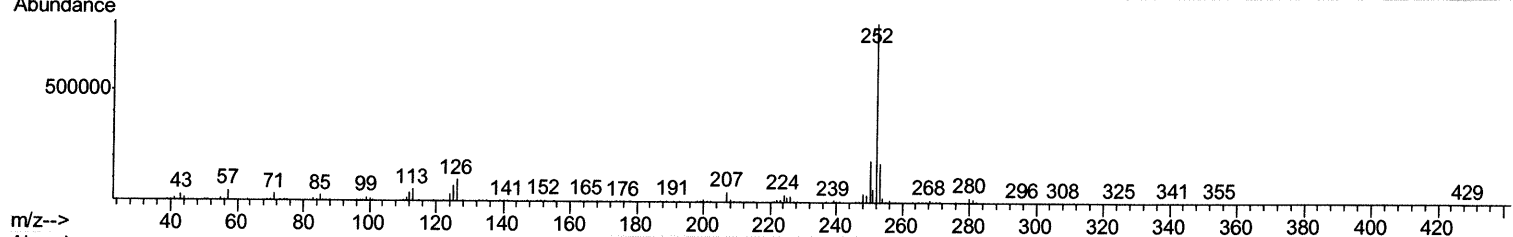
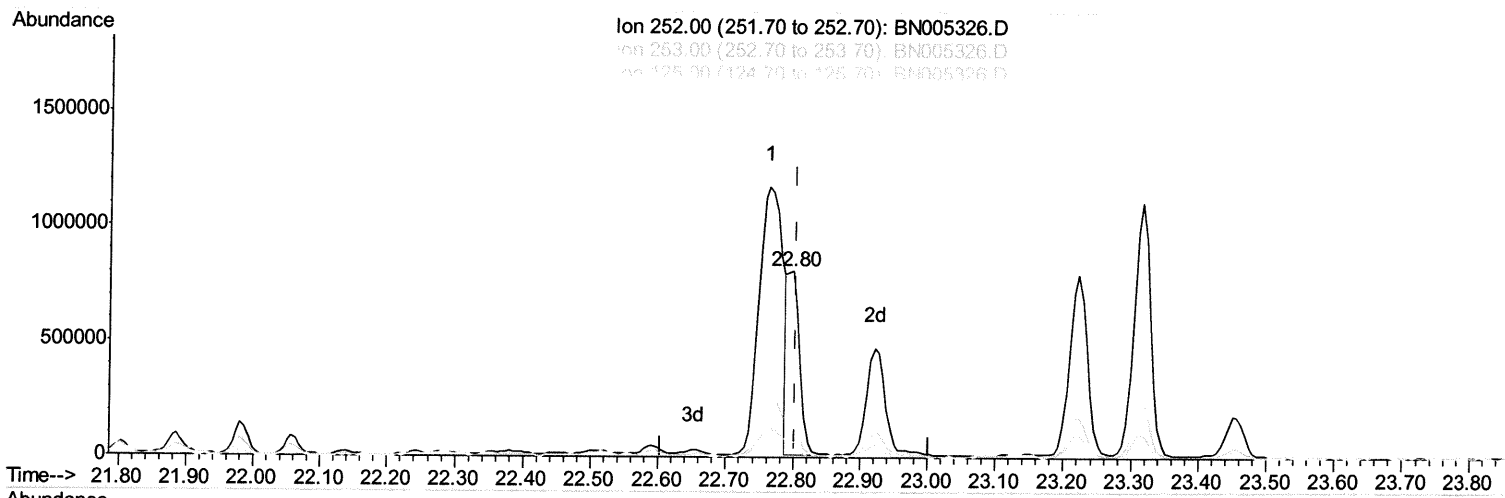
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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(88) Benzo(k)fluoranthene

22.798min (-0.005) 7.42ng/ul m

SJ
04/29/19

response 1013254

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.11
125.00	9.40	8.95
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	507262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	2058777	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.23	164	1413454	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	3121695	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2658851	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	2544552	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	41790	3.98	ng/uL	0.00
5) Phenol-d5	6.78	99	919381	23.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	581526	23.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	749238	24.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	655011	21.03	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	423930	33.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	444300	34.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	769642	26.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	937008	30.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2568249	25.03	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	3167768	25.14	ng/ul	0.01
51) 4-Nitrophenol-d4	14.44	143	424741	26.22	ng/ul	0.00
57) Fluorene-d10	15.23	176	2206788	25.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	262734	18.71	ng/ul	0.02
70) Anthracene-d10	17.09	188	3537423	27.03	ng/ul	0.01
78) Pyrene-d10	19.40	212	4106080	30.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	3169847	28.51	ng/ul	0.00

Target Compounds

				Qvalue	
28) Naphthalene	10.41	128	44479815m)	464.739 ng/ul	→
34) 2-Methylnaphthalene	12.04	142	37894977m)	540.744 ng/ul	→
40) 1,1'-Biphenyl	13.06	154	6301420	59.834 ng/ul	99
44) Dimethylphthalate	13.70	163	334132	3.268 ng/ul	99
47) Acenaphthylene	13.96	152	14908394	120.377 ng/ul#	91
49) Acenaphthene	14.30	153	1990415	23.542 ng/ul	100
53) Dibenzofuran	14.63	168	2442537	20.065 ng/ul	97
58) Fluorene	15.29	166	10282870	108.254 ng/ul	96
69) Phenanthrene	17.03	178	25110274m)	165.165 ng/ul	→
71) Anthracene	17.12	178	4853982	31.342 ng/ul	99
76) Fluoranthene	19.06	202	11180043	66.299 ng/ul	100
79) Pyrene	19.43	202	14898787	87.028 ng/ul#	92
82) Benzo(a)anthracene	21.20	228	5753706m)	34.785 ng/ul	→
84) Chrysene	21.25	228	5034490	32.795 ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	2813822	19.672 ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	1013254m)	7.417 ng/ul	→
90) Benzo(a)pyrene	23.32	252	1857524	13.816 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	1049837	7.063 ng/ul	98
92) Dibenzo(a,h)anthracene	25.59	278	344799	2.733 ng/ul	96
93) Benzo(g,h,i)perylene	26.24	276	895161	7.283 ng/ul	96

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