

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\

Data File : BN006056.D

Acq On : 04 Jun 2019 03:31

Operator : JU/SJ

Sample : K2928-15

Misc :

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 04 04:55:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 03 14:55:48 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

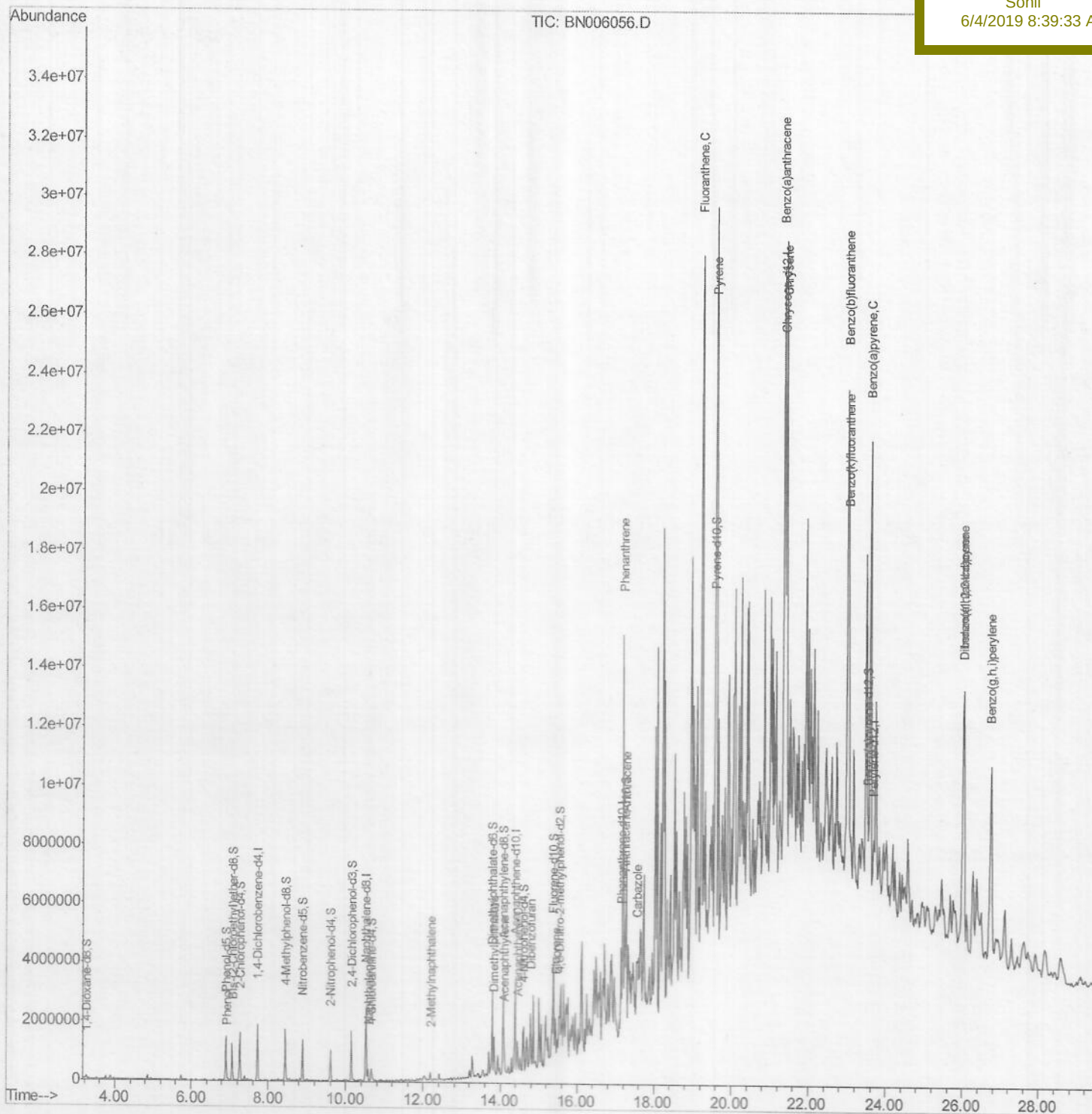
A42C9

Manual Integrations

APPROVED

Sohil

6/4/2019 8:39:33 AM



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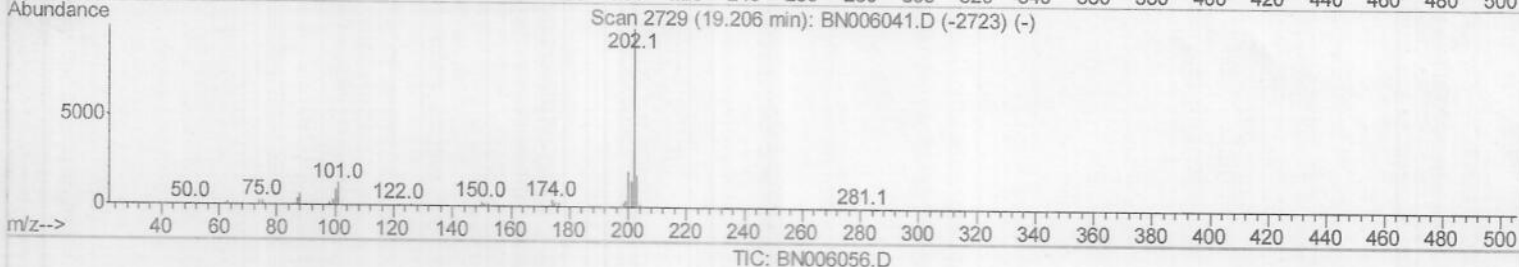
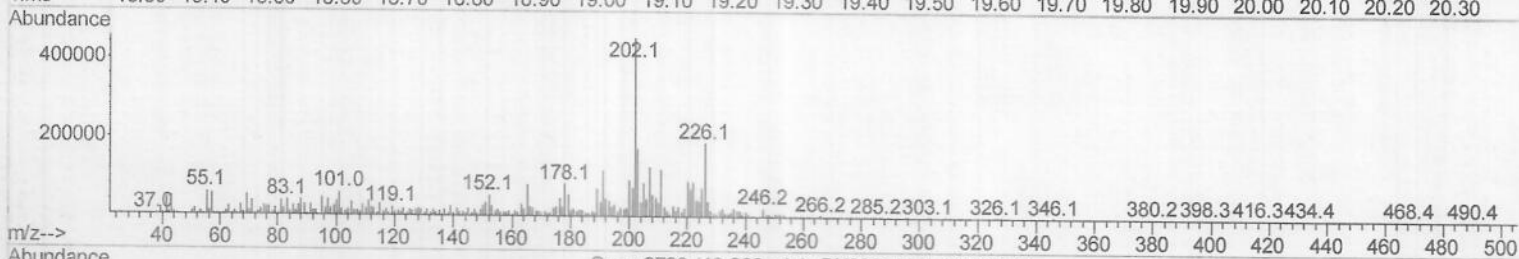
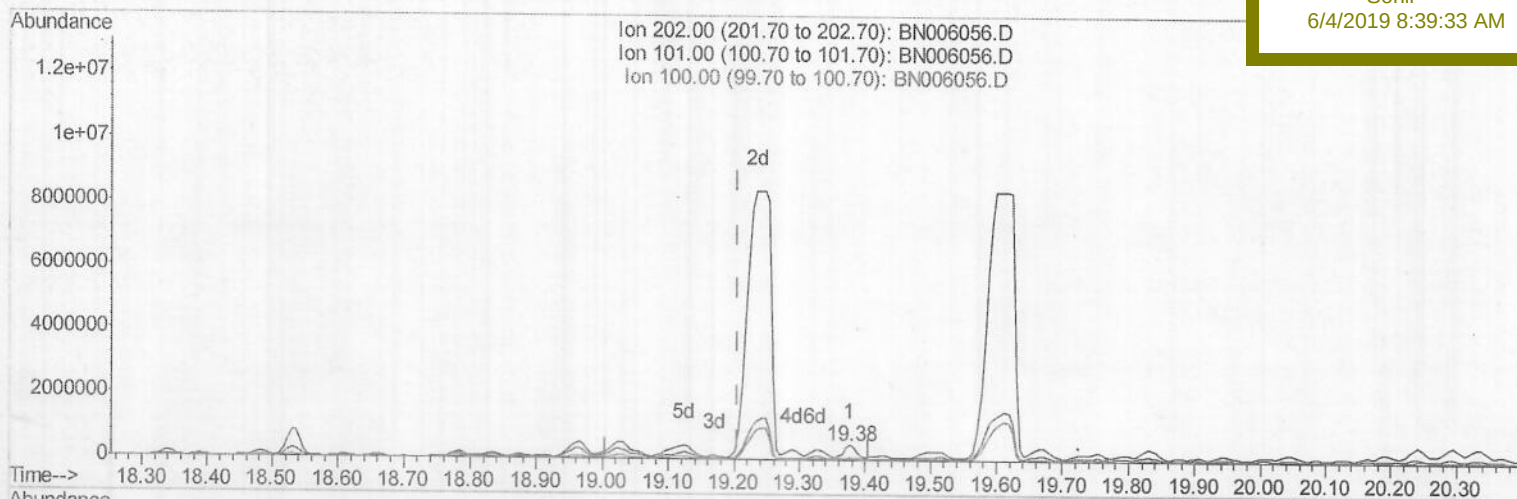
ClientSampled :

A42C9

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:33 AM



(76) Fluoranthene (C)

19.377min (+0.171) 5.81ng/ul

response 443662

Ion	Exp%	Act%
-----	------	------

202.00	100	100
--------	-----	-----

101.00	12.00	13.39
--------	-------	-------

100.00	8.90	8.57
--------	------	------

0.00	0.00	0.00
------	------	------

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ClientSampleId :

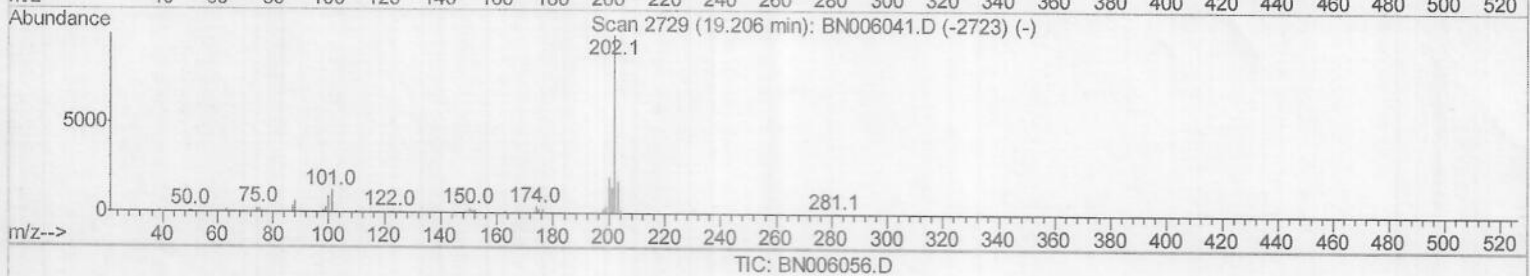
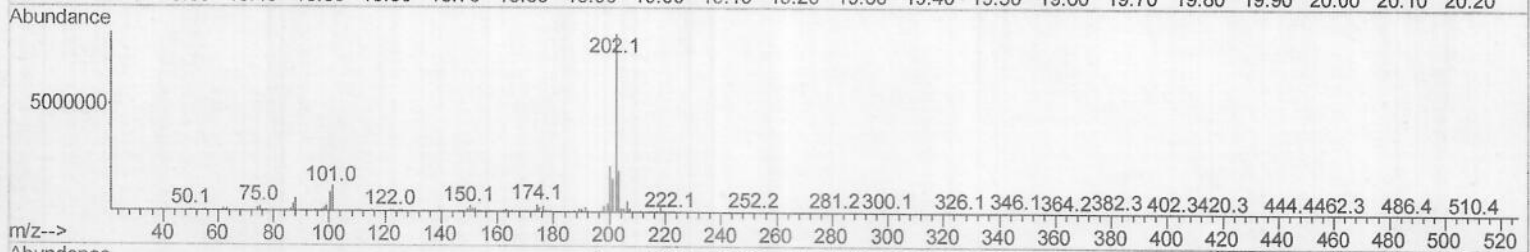
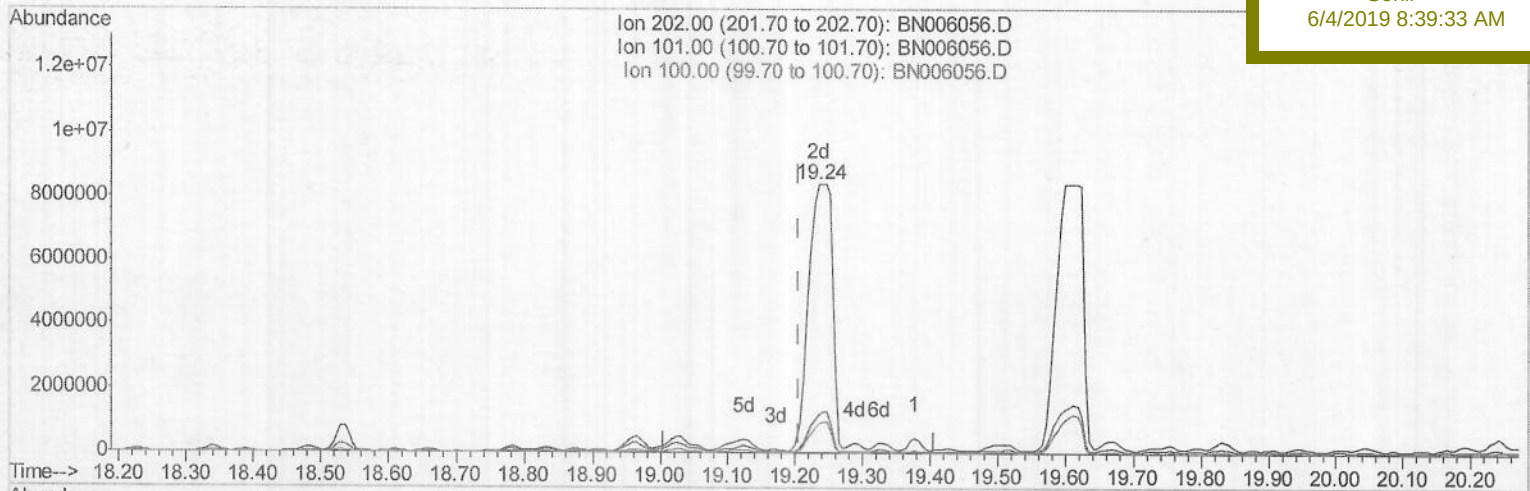
A42C9

Manual Integrations

APPROVED

Sohil

6/4/2019 8:39:33 AM



(76) Fluoranthene (C)

19.235min (+0.029) 265.35ng/ul m) JU06105/19

response 20274939

Ion	Exp%	Act%
202.00	100	100
101.00	12.00	14.33
100.00	8.90	10.71#
0.00	0.00	0.00

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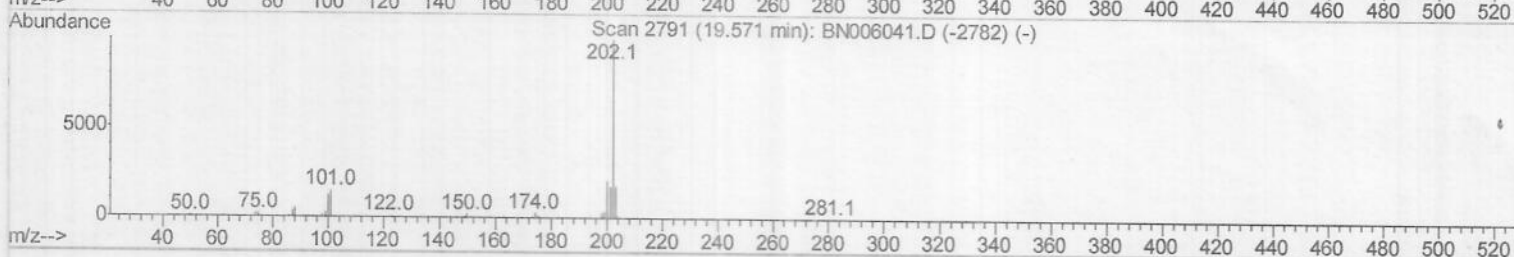
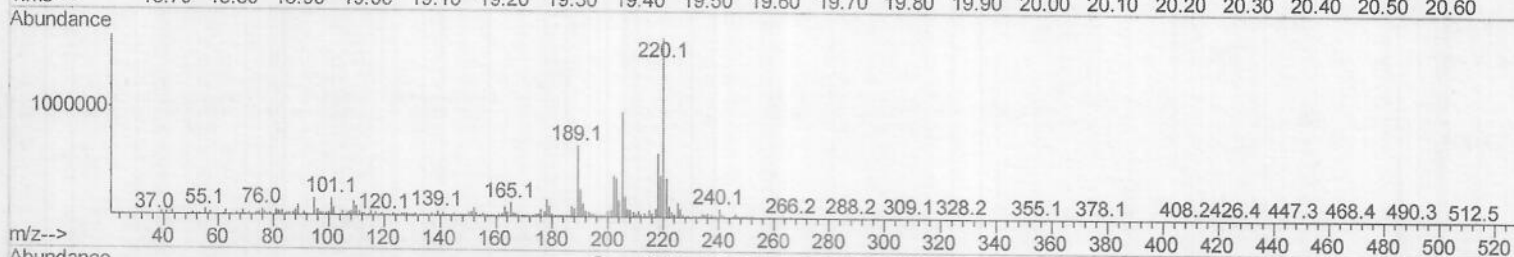
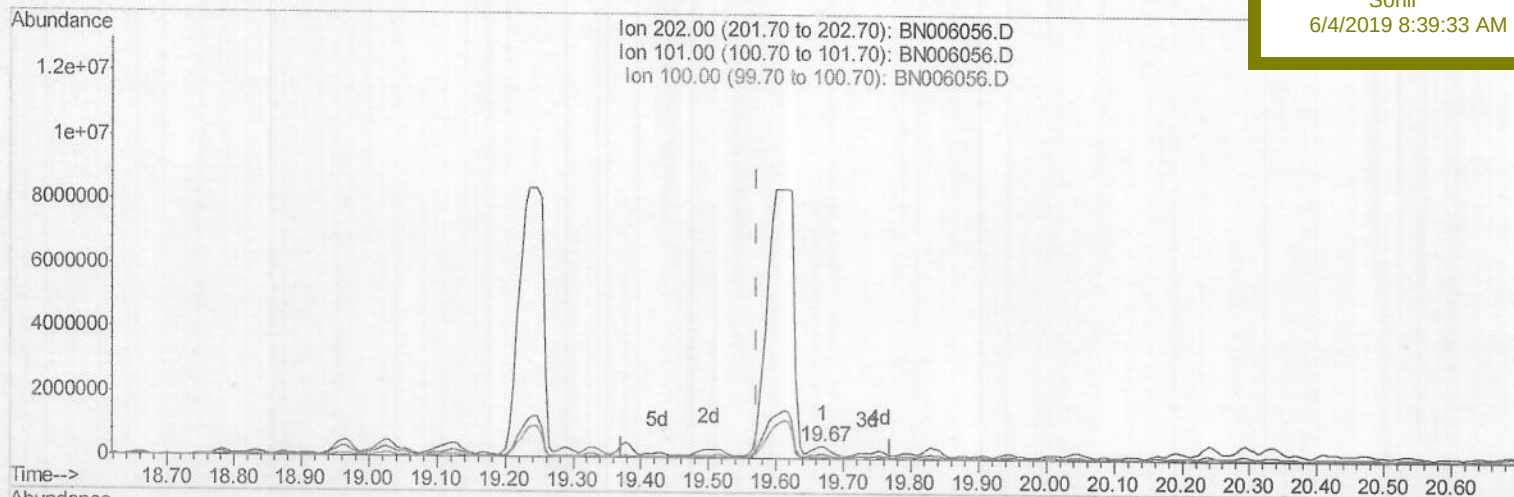
ClientSampleId :

A42C9

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:33 AM



TIC: BN006056.D

(79) Pyrene

19.671min (+0.100) 8.29ng/ul

response 574661

Ion	Exp%	Act%
202.00	100	100
101.00	14.50	43.15#
100.00	11.80	9.47
0.00	0.00	0.00

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Sample : K2928-15

Misc :

ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :

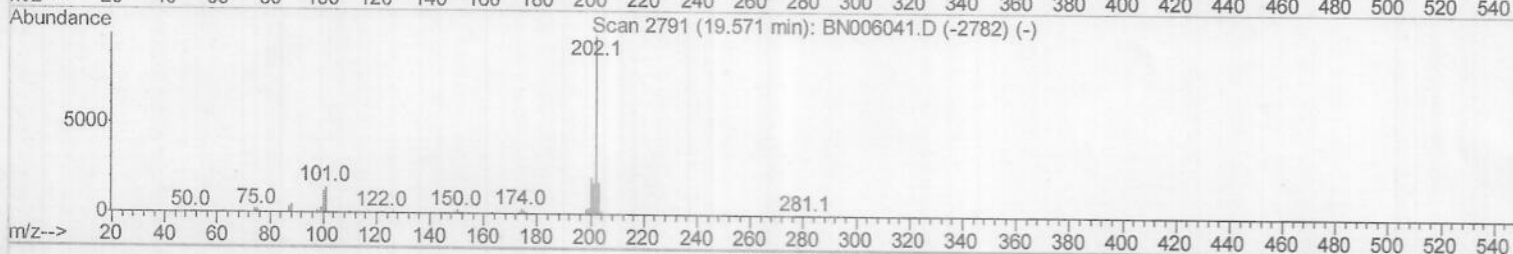
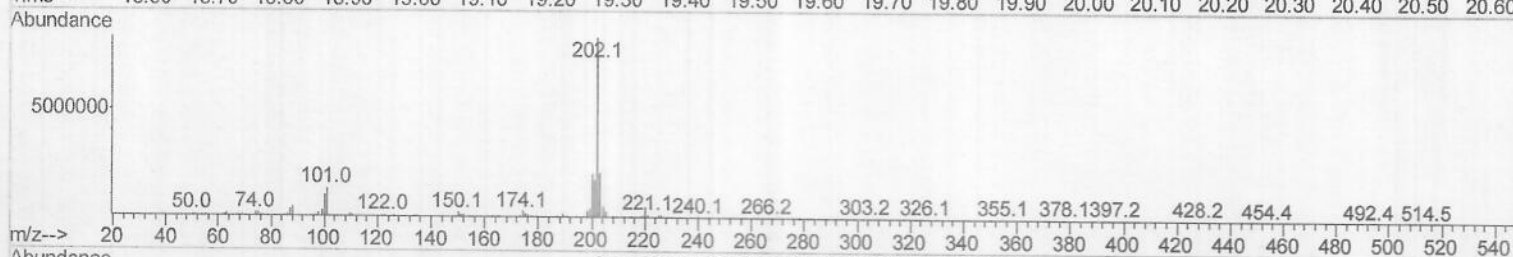
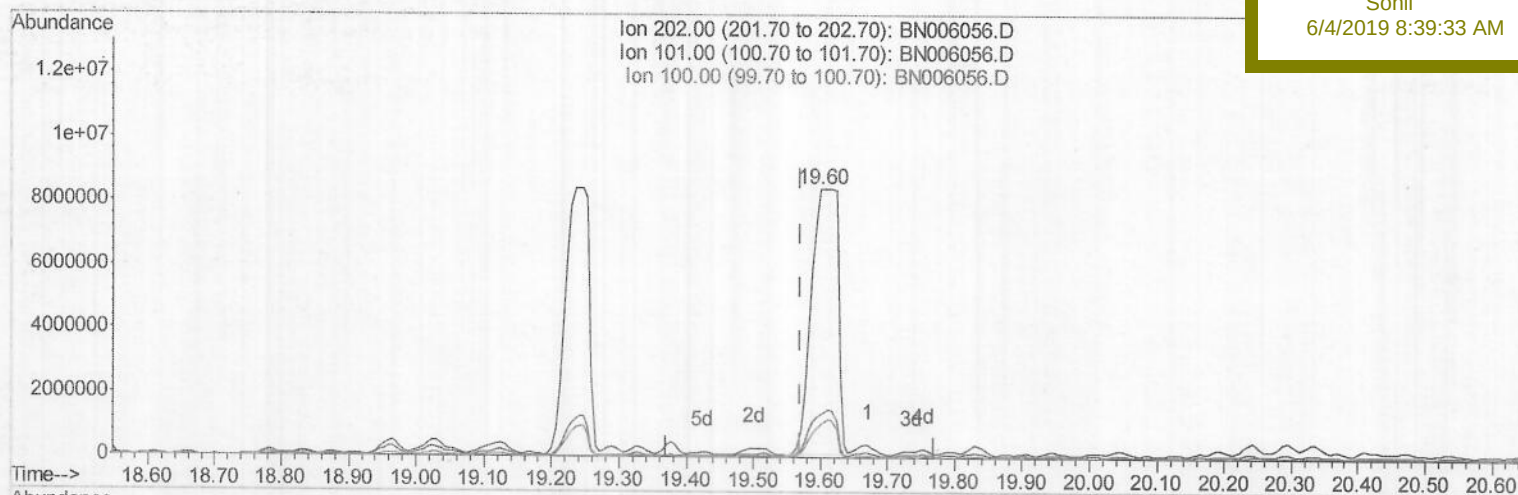
A42C9

Manual Integrations

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Sohil

6/4/2019 8:39:33 AM



TIC: BN006056.D

(79) Pyrene

19.600min (+0.029) 327.61ng/ul m

) 5006105119

response 22713615

Ion	Exp%	Act%
202.00	100	100
101.00	14.50	15.89
100.00	11.80	12.45
0.00	0.00	0.00

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Misc :

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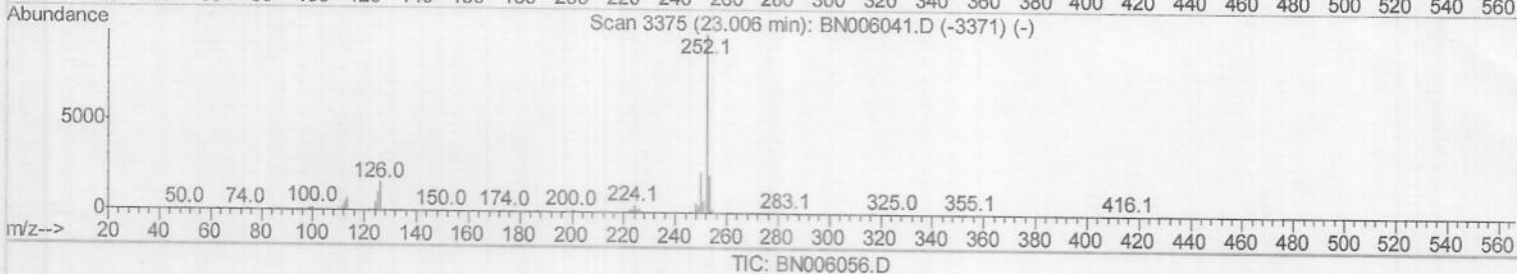
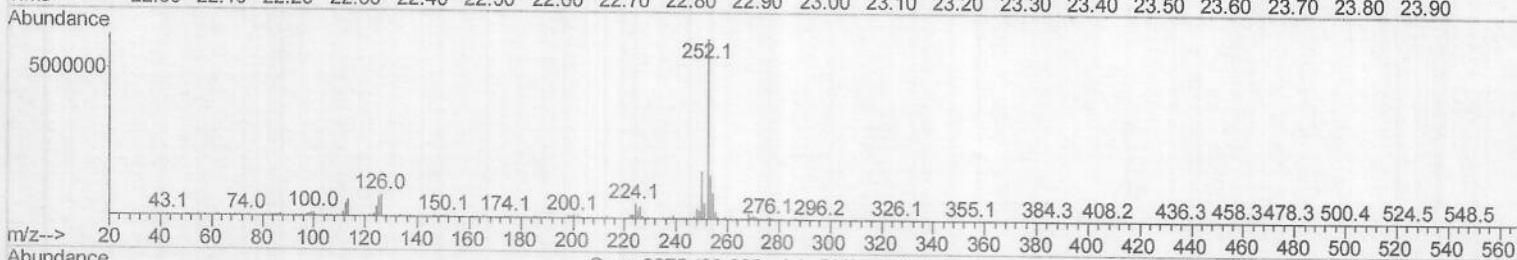
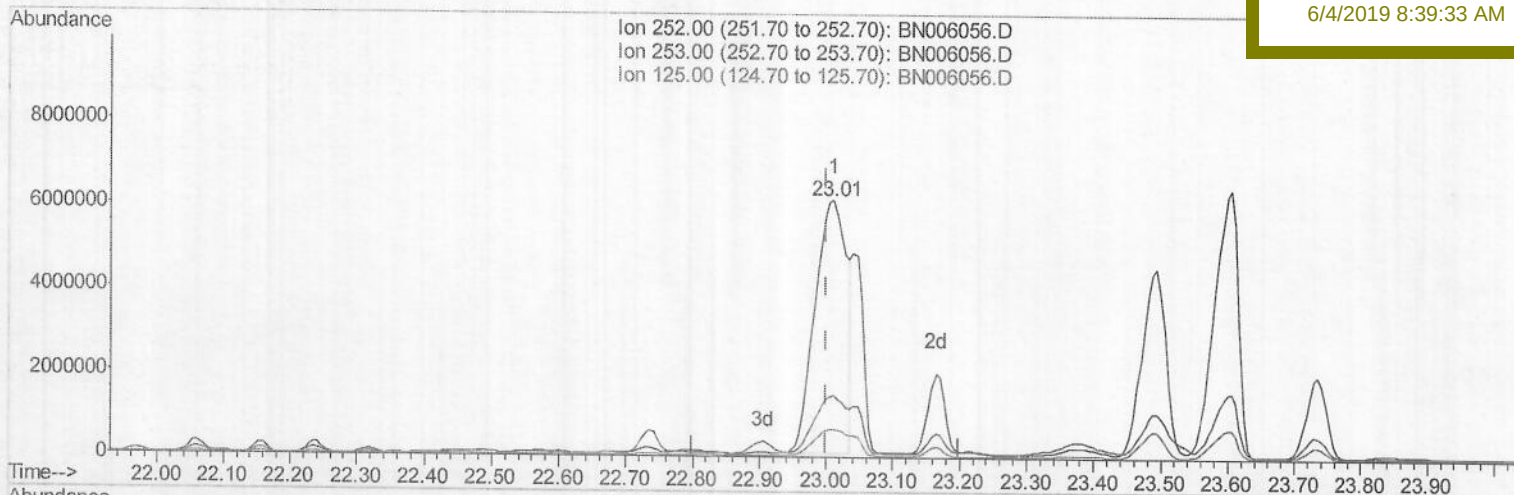
ClientSampleId :

A42C9

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:33 AM



(88) Benzo(k)fluoranthene

23.012min (+0.012) 234.48ng/ul

response 20061266

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.42
125.00	10.30	10.97
0.00	0.00	0.00

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Operator : JU/SJ

Sample : K2928-15

Misc :

ALS Vial : 22 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 03 14:55:48 2019

Response via : Initial Calibration

Instrument :

BNA_N

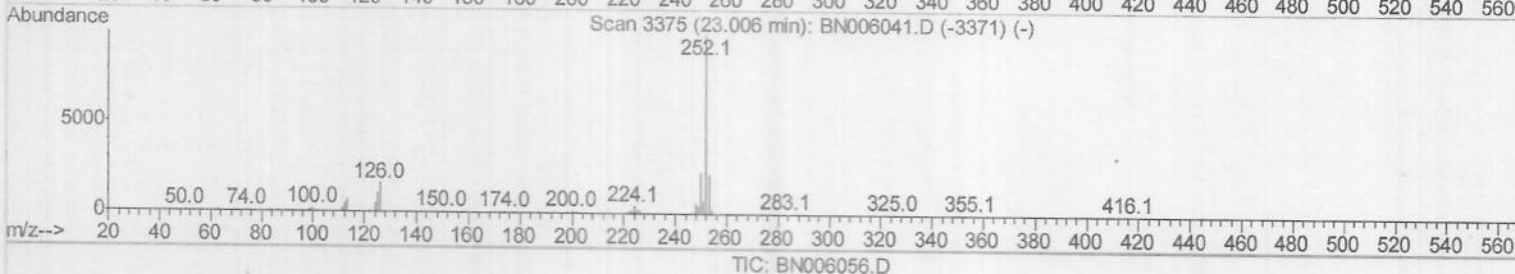
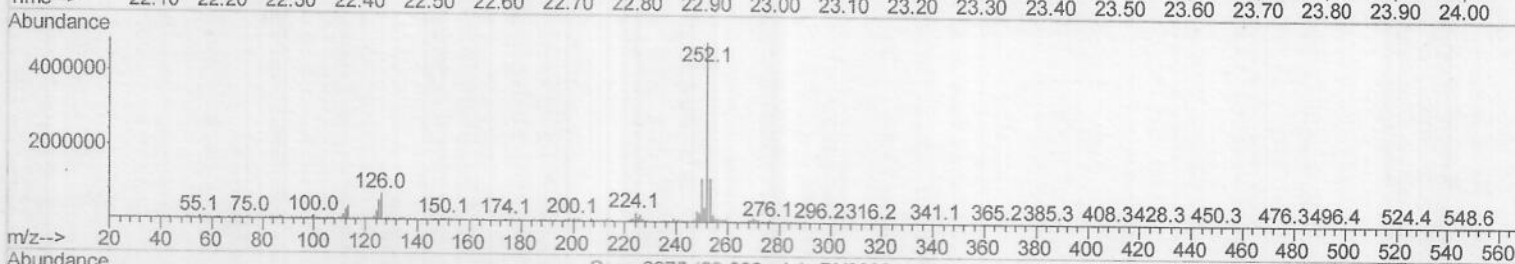
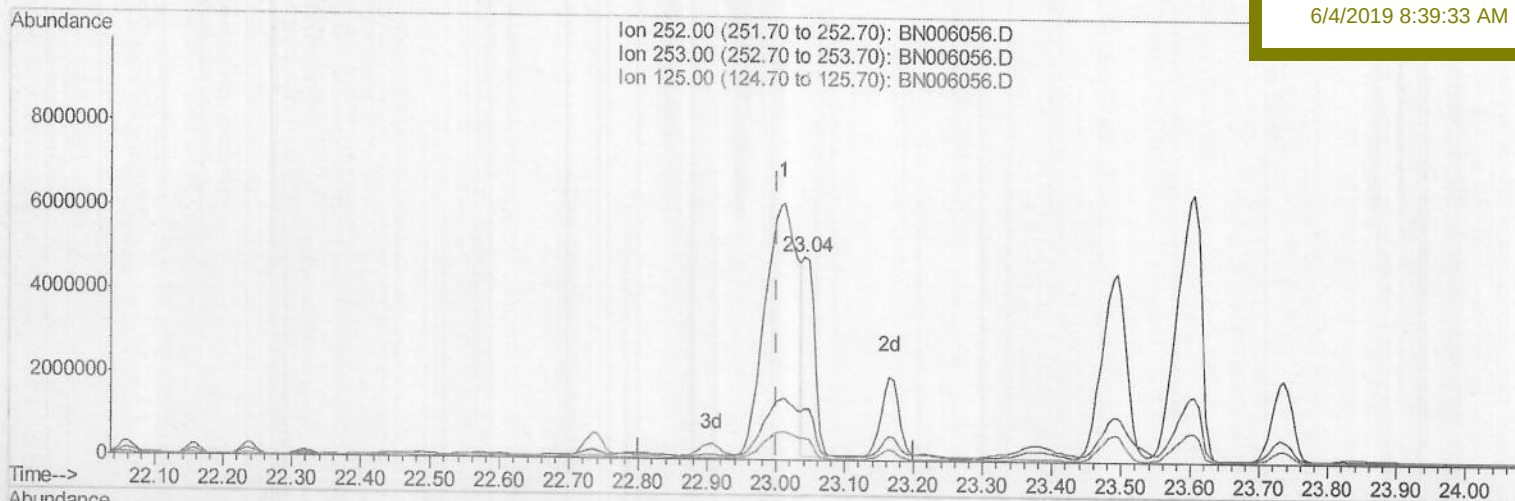
ClientSampleId :

A42C9

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:33 AM



(88) Benzo(k)fluoranthene

23.041min (+0.041) 65.41ng/ui m

response 5596518

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.93
125.00	10.30	10.68
0.00	0.00	0.00

JU06/05/19

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Sample : K2928-15

Misc :

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 04 04:50:01 2019

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Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 03 14:55:48 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

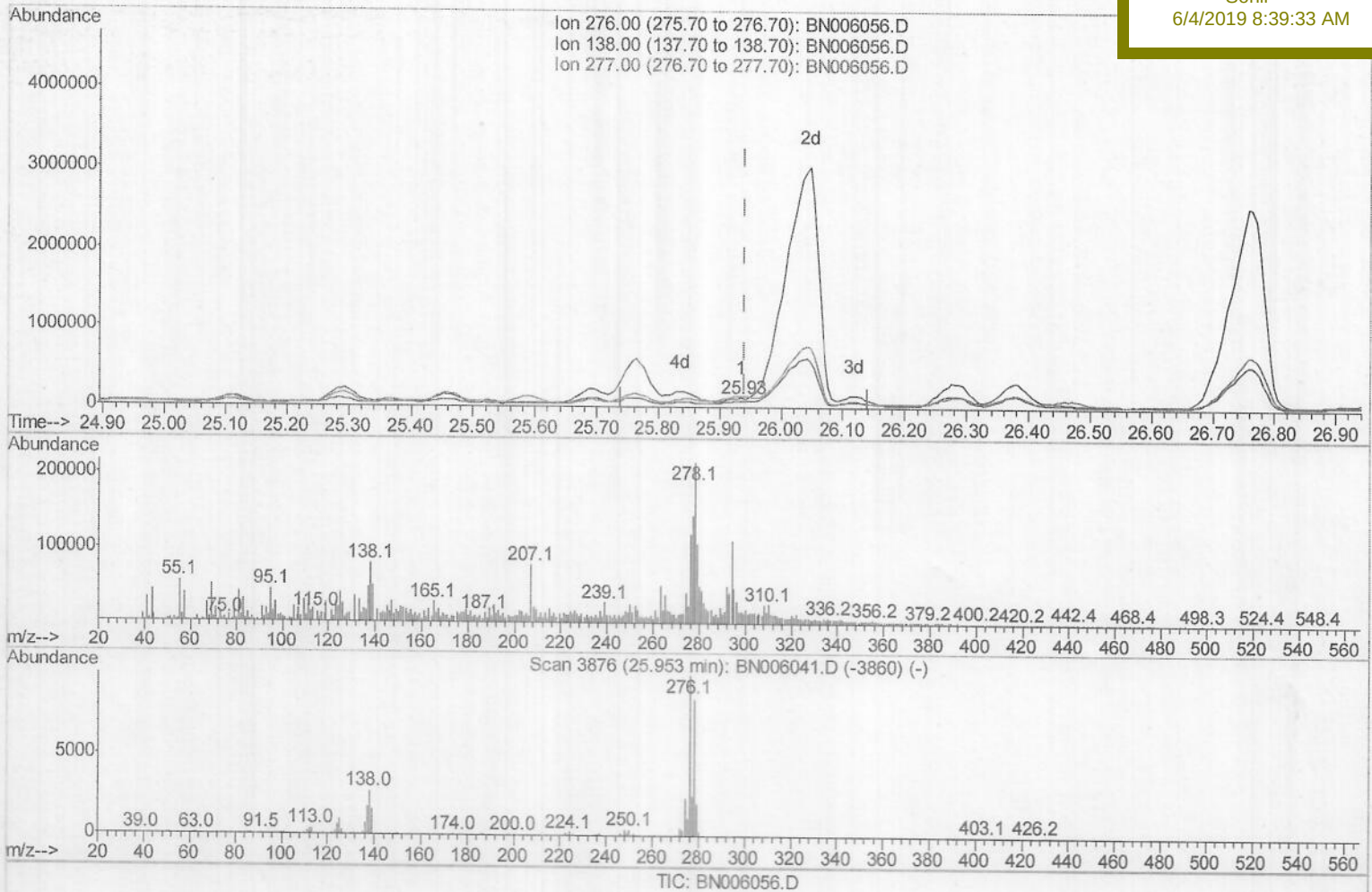
A42C9

Manual Integrations

APPROVED

Sohil

6/4/2019 8:39:33 AM



(91) Indeno(1,2,3-cd)pyrene

25.935min (-0.006) 1.04ng/ul

response 100208

Ion	Exp%	Act%
276.00	100	100
138.00	26.80	66.81#
277.00	25.20	121.01#
0.00	0.00	0.00

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Sample : K2928-15

Misc :

ALS Vial : 22 Sample Multiplier: 1

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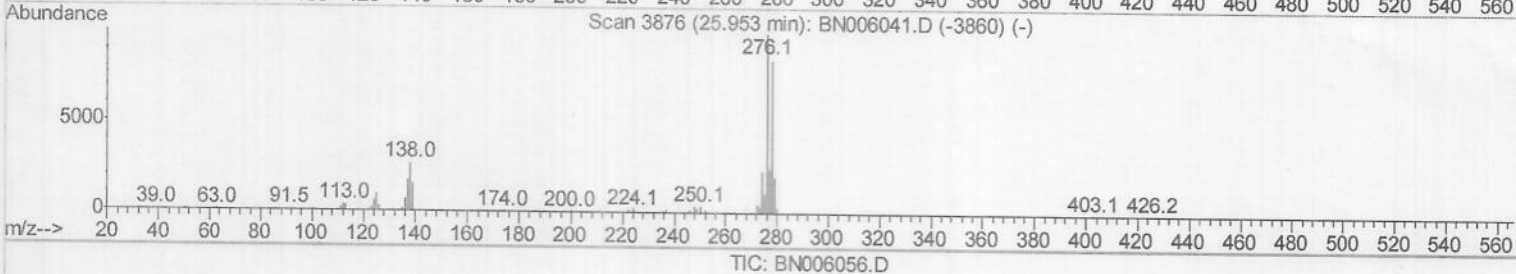
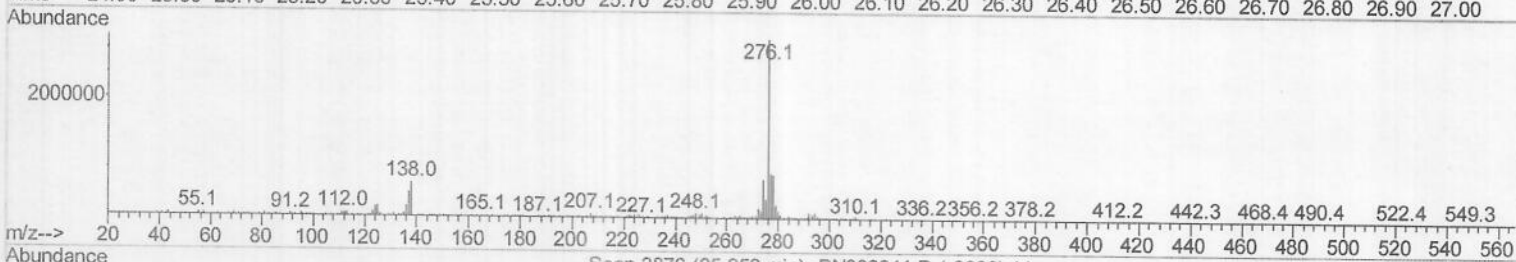
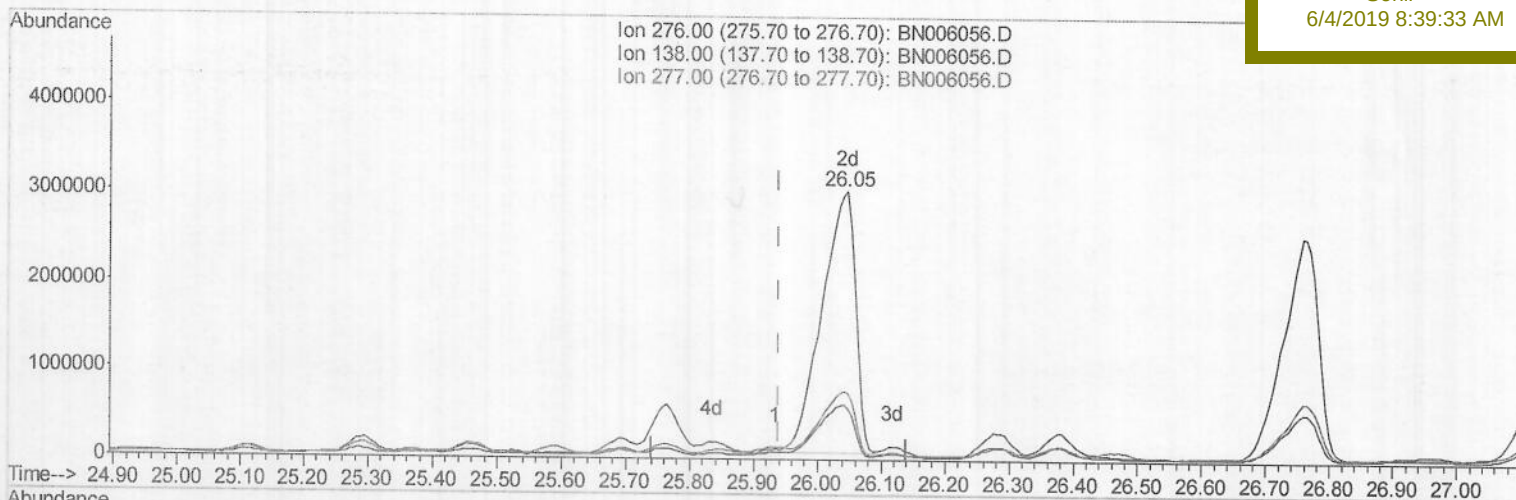
ClientSampleId :

A42C9

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:33 AM



(91) Indeno(1,2,3-cd)pyrene

26.047min (+0.106) 113.16ng/ul m) 5006105/19

response 10935600

Ion	Exp%	Act%
276.00	100	100
138.00	26.80	19.24#
277.00	25.20	25.09
0.00	0.00	0.00

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Manual Integrations
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Sohil

6/4/2019 8:39:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	494951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2005801	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	953687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1617942	20.00	ng/ul	0.01
77) Chrysene-d12	21.38	240	961929	20.00	ng/ul	0.03
85) Perylene-d12	23.68	264	1600733	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	41247	3.88	ng/uL	0.00
5) Phenol-d5	6.91	99	853624	20.87	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.07	67	515293	22.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	700349	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	659139	20.14	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	348198	24.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	342555	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	627374	21.55	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	275488	7.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1769113	26.22	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	2062384	23.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	204972	16.44	ng/ul	0.02
57) Fluorene-d10	15.38	176	1286944	22.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	34730	4.43	ng/ul	0.02
70) Anthracene-d10	17.25	188	1621080	23.91	ng/ul	0.01
78) Pyrene-d10	19.56	212	1356970	24.73	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1482282	20.84	ng/ul	0.05

Target Compounds

					Ovalue	
6) Phenol	6.93	94	57440	1.375	ng/ul	94
28) Naphthalene	10.57	128	287182	3.043	ng/ul	100
34) 2-Methylnaphthalene	12.19	142	133513	1.984	ng/ul	99
44) Dimethylphthalate	13.84	163	706167	10.574	ng/ul	100
47) Acenaphthylene	14.11	152	562299	6.593	ng/ul	96
49) Acenaphthene	14.45	153	414664	7.217	ng/ul	98
53) Dibenzofuran	14.79	168	137580	1.686	ng/ul#	65
58) Fluorene	15.44	166	372236	5.904	ng/ul#	94
69) Phenanthrene	17.19	178	8309270	105.833	ng/ul	97
71) Anthracene	17.28	178	3452065	43.297	ng/ul	98
74) Carbazole	17.55	167	225169	3.283	ng/ul#	55
76) Fluoranthene	19.24	202	20274939m	265.353	ng/ul	
79) Pyrene	19.60	202	22713615m	327.613	ng/ul	
82) Benzo(a)anthracene	21.36	228	17240669	290.065	ng/ul#	89
84) Chrysene	21.42	228	16202725	288.119	ng/ul#	92
87) Benzo(b)fluoranthene	23.01	252	20061266	65.414	ng/ul	96
88) Benzo(k)fluoranthene	23.04	252	5596518m	187.598	ng/ul	95
90) Benzo(a)pyrene	23.61	252	15748081	113.155	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.05	276	10935600m	51.373	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.02	278	4185854	120.938	ng/ul	96
93) Benzo(a,h,i)perylene	26.76	276	9620222			

JU06/05/19

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Sohil

6/4/2019 8:39:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed