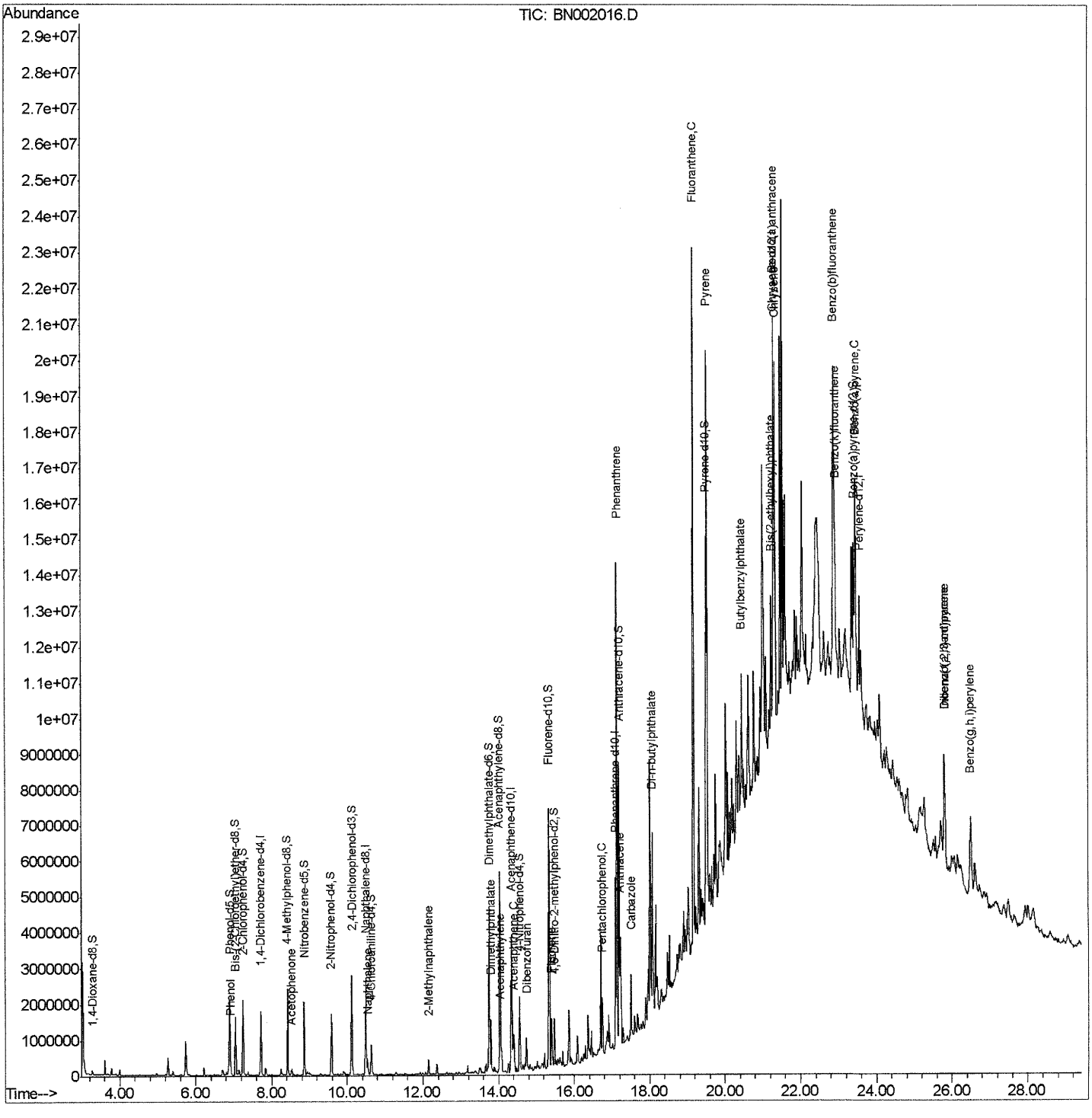
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002016.D
Acq On : 11 Jul 2018 18:22
Operator : JU/SJ
Sample : J3775-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 12 02:17:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAZQ3

Manual Integrations APPROVED
Sohil
7/12/2018 3:03:56 PM



Quantitation Report (Qedit)

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Data File : BN002016.D
Acq On : 11 Jul 2018 18:22
Operator : JU/SJ
Sample : J3775-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 12 02:14:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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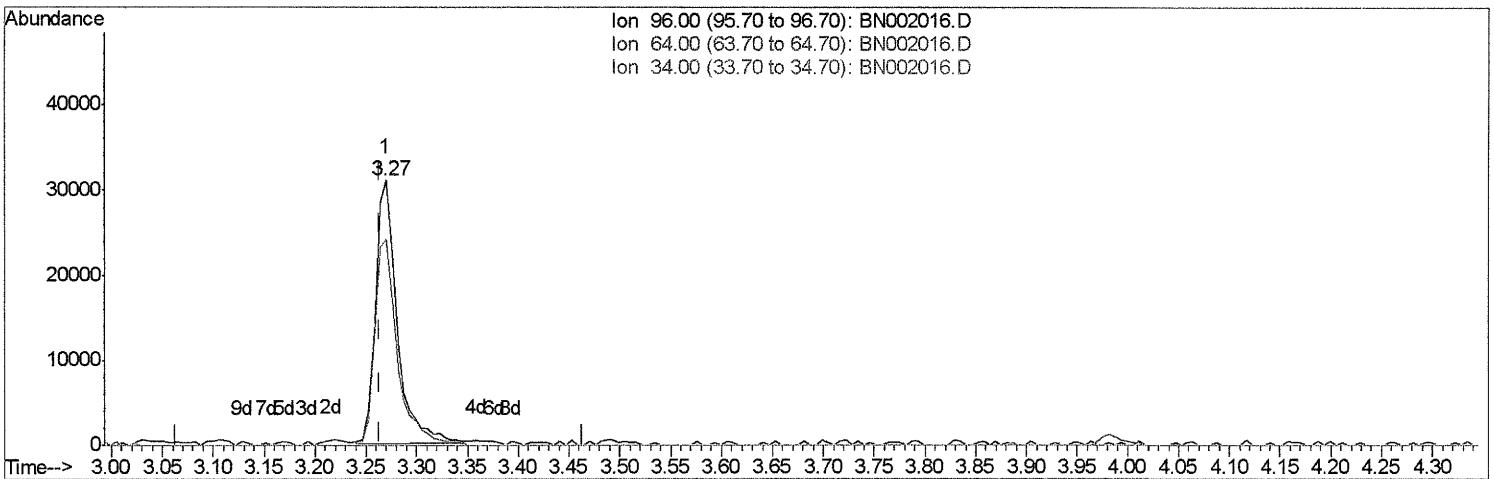

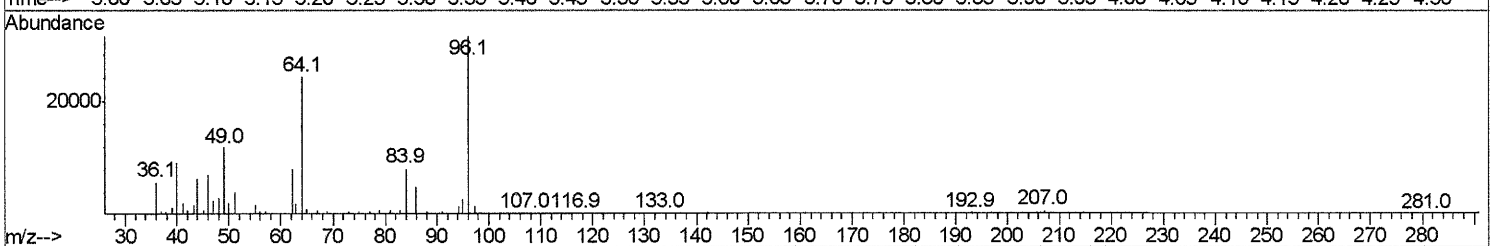

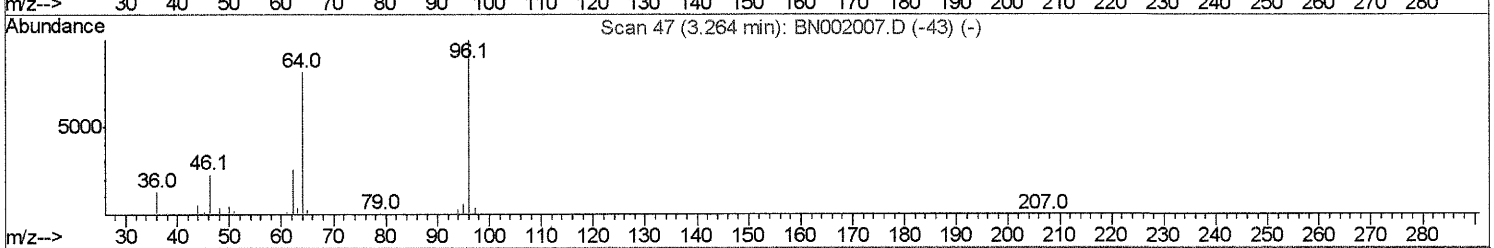

TIC: BN002016.D

(3) 1,4-Dioxane-d8 (S)

3.270min (+0.006) 4.16ng/uL

response 46351

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	77.53
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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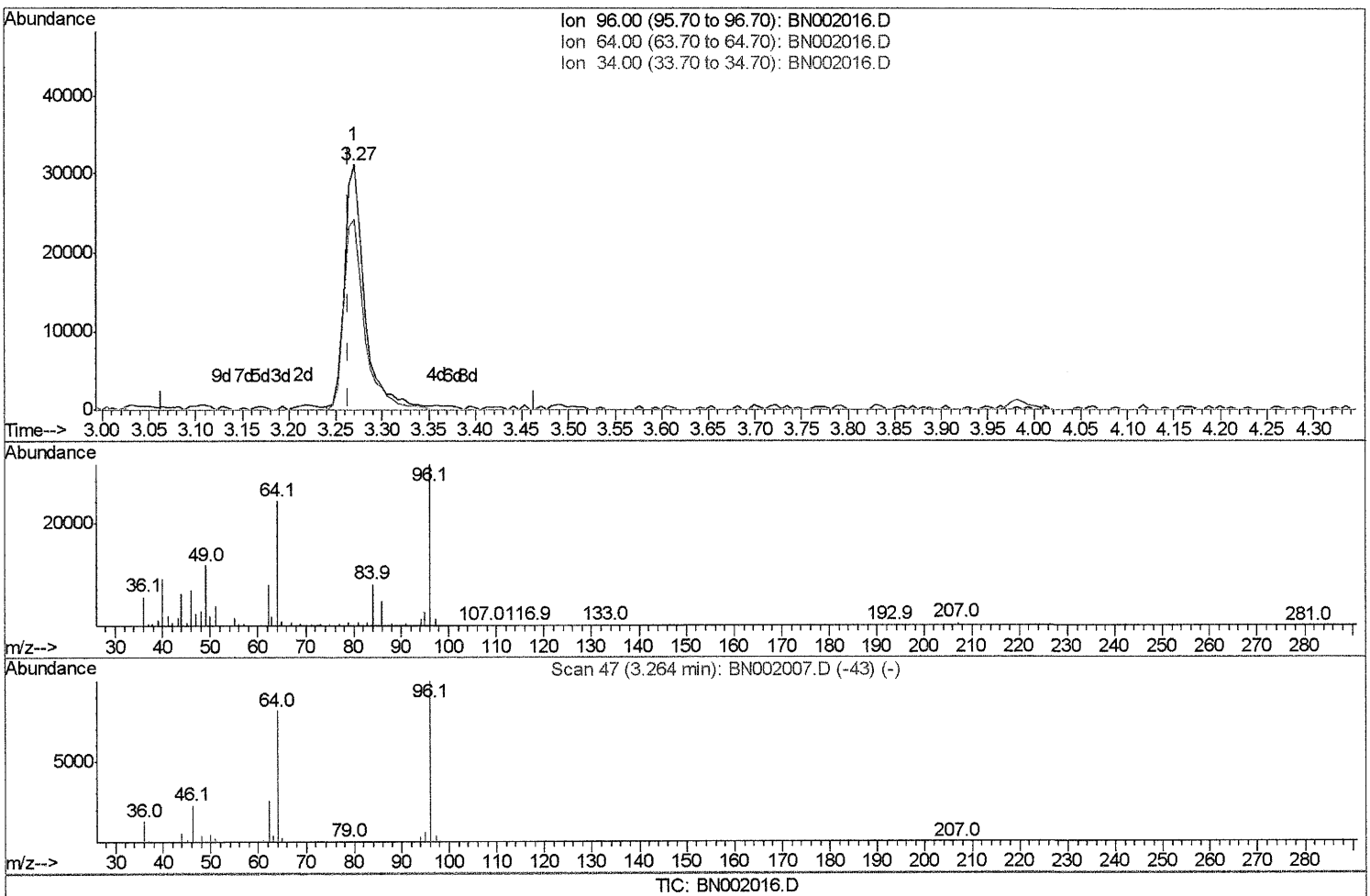

TIC: BN002016.D

(3) 1,4-Dioxane-d8 (S)

3.270min (+0.006) 4.36ng/uL m) SJ 7/12/18

response 48541

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	77.53
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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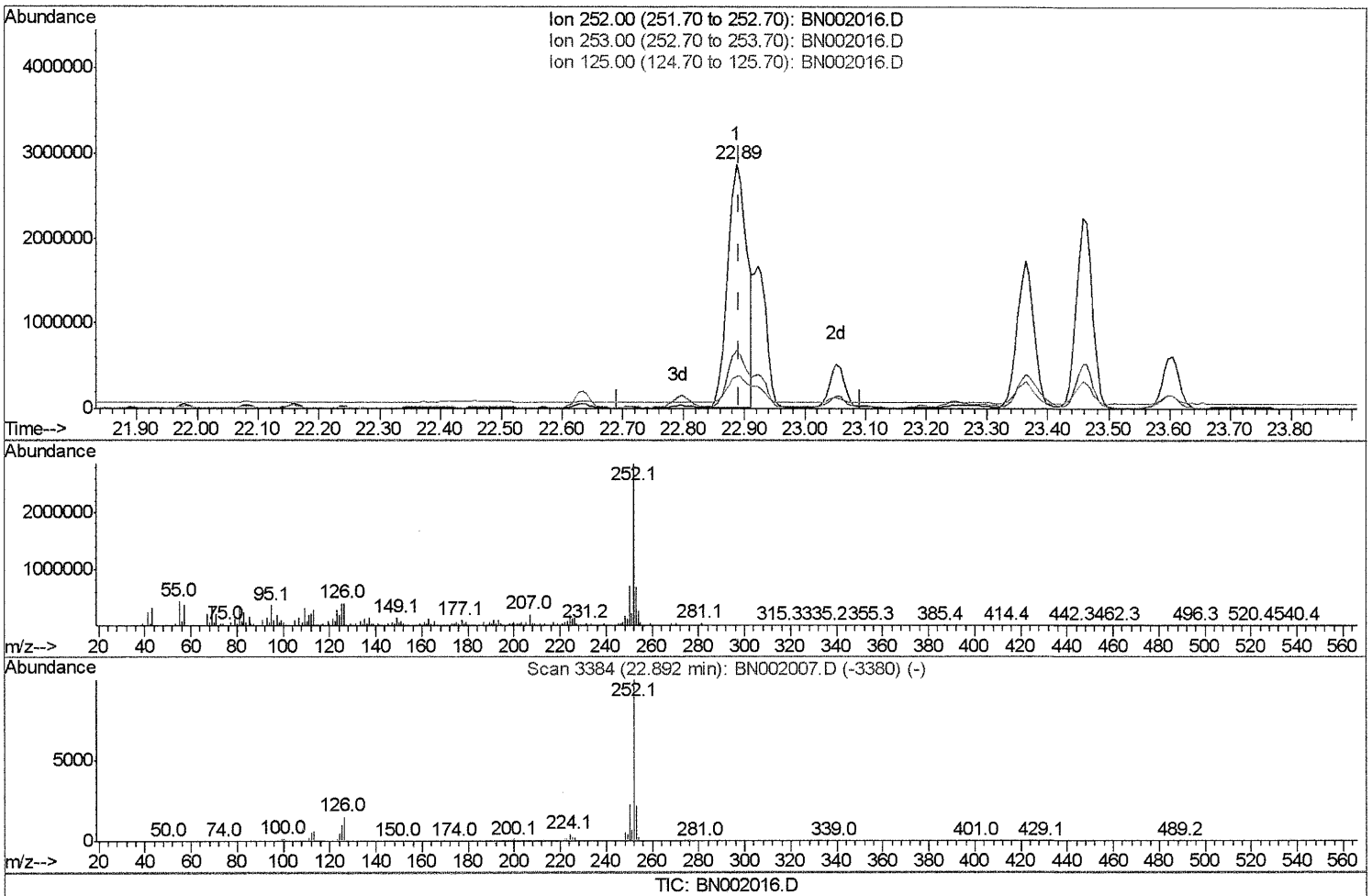
Manual Integrations APPROVED
Sohil
7/12/2018 3:03:56 PM



TIC: BN002016.D

(86) Benzo(k)fluoranthene

22.886min (-0.006) 51.60ng/ul

response 6281014

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.85
125.00	6.70	13.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Manual Integrations APPROVED
Sohil
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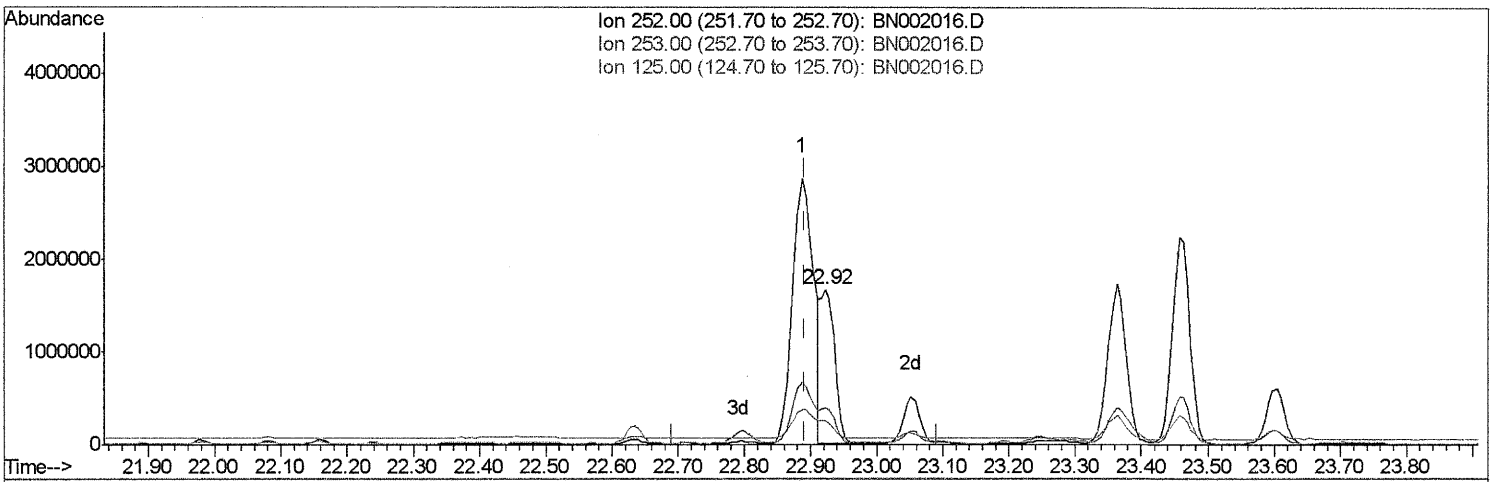

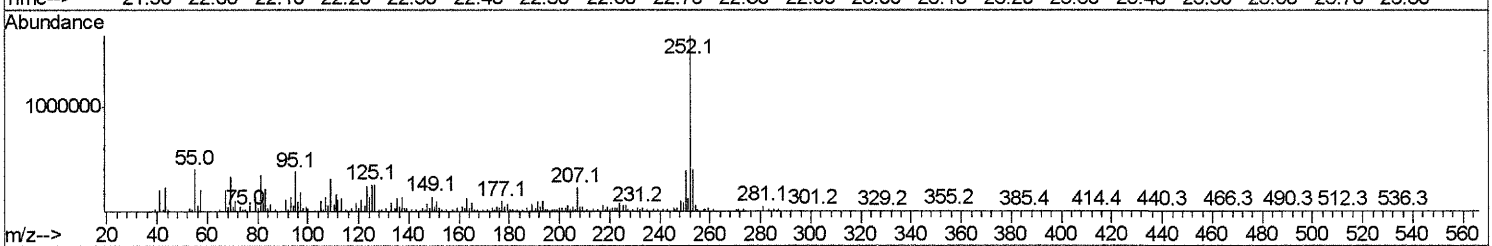

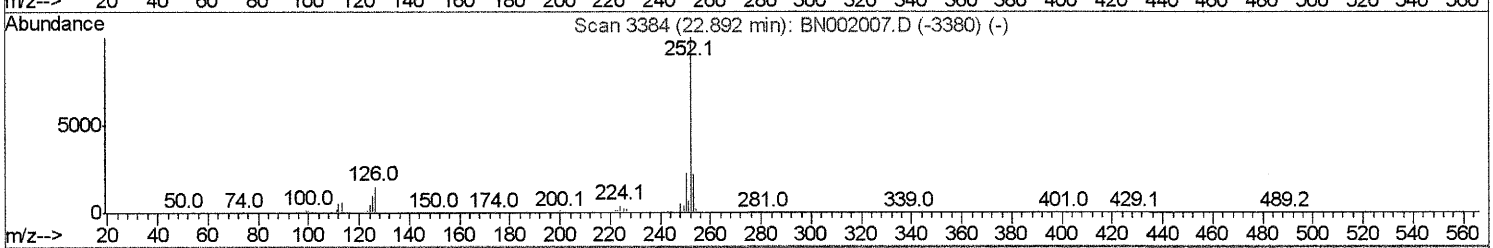

TIC: BN002016.D

(86) Benzo(k)fluoranthene

22.921min (+0.030) 20.29ng/ul m) SJ 7/12/18

response 2470364

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.05
125.00	6.70	15.27#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
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DAZQ3

Manual Integrations APPROVED
Sohil
7/12/2018 3:03:56 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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Misc :
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	483930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2188101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1277508	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.09	188	2801982	20.00	ng/ul	0.01
75) Chrysene-d12	21.30	240	2211324	20.00	ng/ul	0.02
83) Perylene-d12	23.56	264	1987558	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	48541m	4.36	ng/uL	0.00
5) Phenol-d5	6.89	99	1226035	28.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	737265	27.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	975991	28.11	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	940037	26.79	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	499890	30.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	571647	33.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1027143	28.61	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	520155	13.99	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	3078265	28.53	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3961637	29.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	535278	26.93	ng/ul	0.01
57) Fluorene-d10	15.34	176	2806471	29.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	296228	19.41	ng/ul	0.01
70) Anthracene-d10	17.19	188	4228518	31.23	ng/ul	0.01
76) Pyrene-d10	19.50	212	4299059	38.57	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.42	264	3342333	30.92	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	6.92	94	88647	2.007	ng/ul	96
14) Acetophenone	8.53	105	86397	1.604	ng/ul	98
28) Naphthalene	10.54	128	333294	2.871	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	179749	2.134	ng/ul	99
44) Dimethylphthalate	13.80	163	943177	8.895	ng/ul	98
47) Acenaphthylene	14.06	152	396341	3.083	ng/ul	100
49) Acenaphthene	14.40	153	413910	4.641	ng/ul	97
53) Dibenzofuran	14.74	168	534056	4.174	ng/ul	96
58) Fluorene	15.39	166	589702	5.778	ng/ul	98
68) Pentachlorophenol	16.75	266	97347	5.135	ng/ul	97
69) Phenanthrene	17.14	178	8321053	52.718	ng/ul	98
71) Anthracene	17.23	178	1886591	11.808	ng/ul	98
72) Carbazole	17.50	167	1138364	8.506	ng/ul	99
73) Di-n-butylphthalate	18.07	149	3455521	20.447	ng/ul	99
74) Fluoranthene	19.16	202	11765973	70.916	ng/ul#	85
77) Pyrene	19.53	202	10212202	73.797	ng/ul#	83
78) Butylbenzylphthalate	20.44	149	834590	14.133	ng/ul	90
80) Benzo(a)anthracene	21.29	228	5498290	39.342	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.23	149	1317568	14.963	ng/ul	100
82) Chrysene	21.34	228	5525421	42.492	ng/ul	97
85) Benzo(b)fluoranthene	22.89	252	6281014	50.035	ng/ul#	92
86) Benzo(k)fluoranthene	22.92	252	2470364m	20.294	ng/ul	
88) Benzo(a)pyrene	23.46	252	4090958	34.873	ng/ul#	92

SJ 7/12/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.81	276	3035829	24.321	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.81	278	840889	8.094	ng/ul#	82
91) Benzo(g,h,i)perylene	26.50	276	2663018	25.862	ng/ul#	92

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