Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

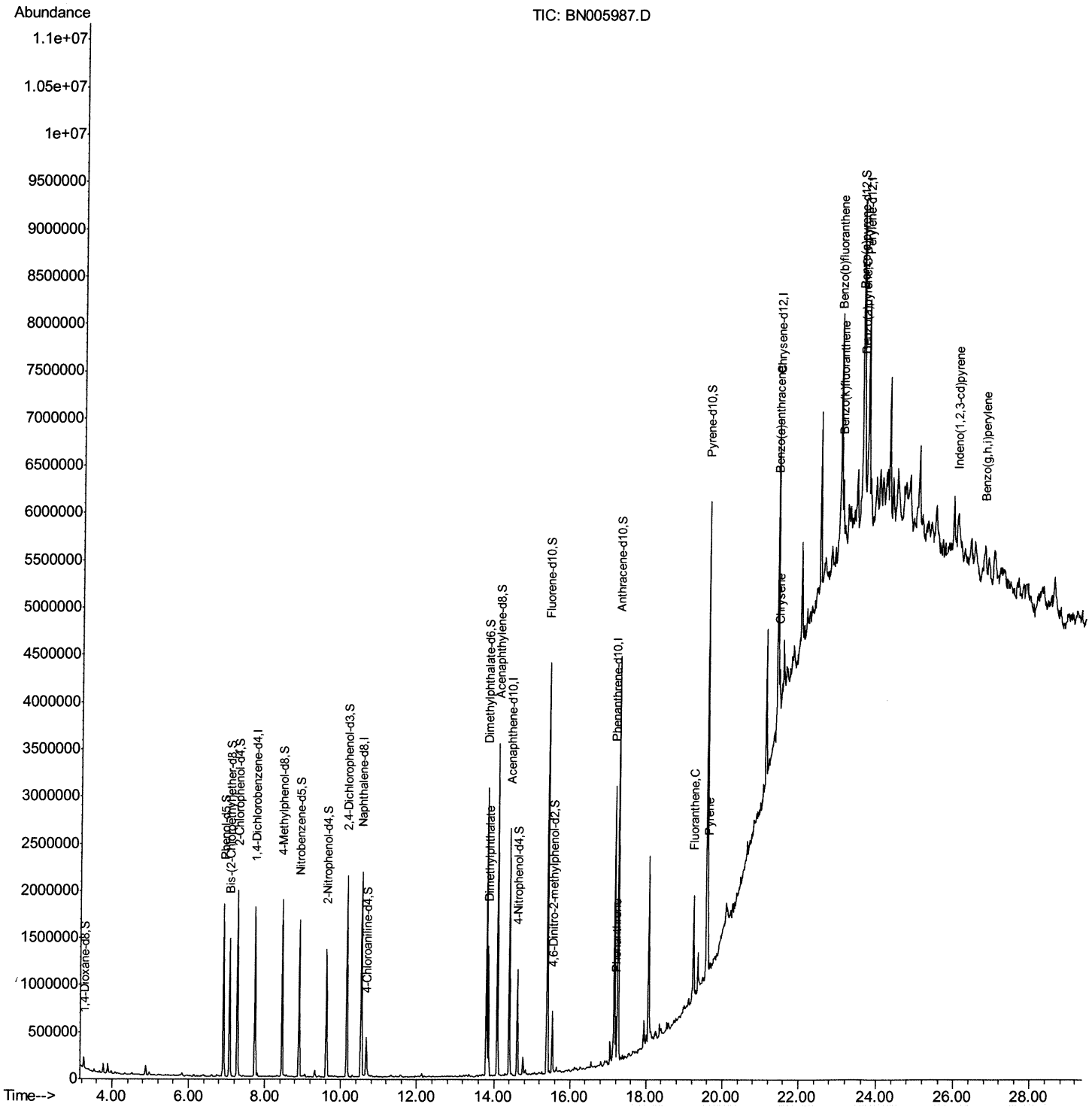
Quantitation Report (QT/LSC Reviewed)

Data File : BN005987.D
Acq On : 31 May 2019 19:28
Operator : JU/SJ
Sample : K2923-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 01 02:20:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4259

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:24 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

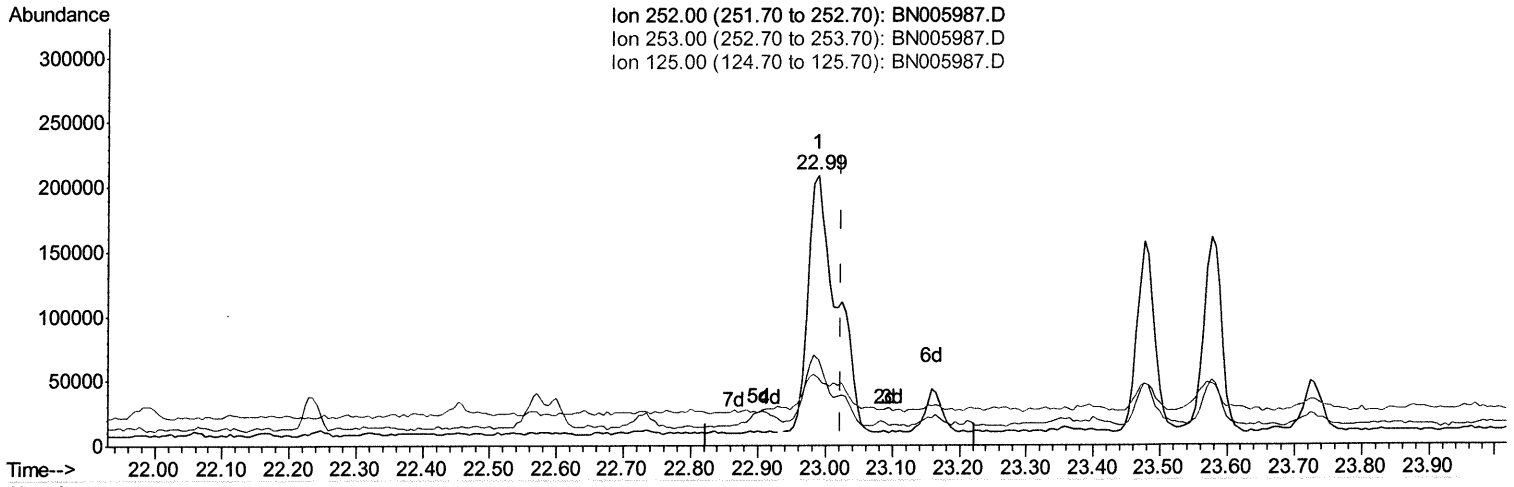
Quantitation Report (Qedit)

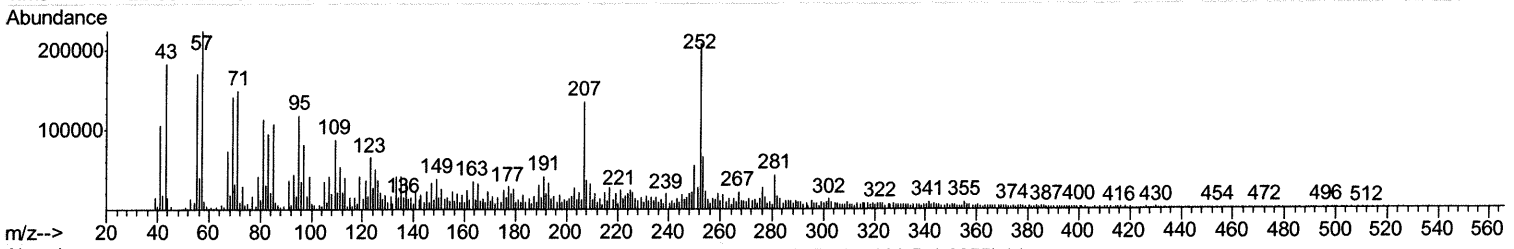
Data File : BN005987.D
Acq On : 31 May 2019 19:28
Operator : JU/SJ
Sample : K2923-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

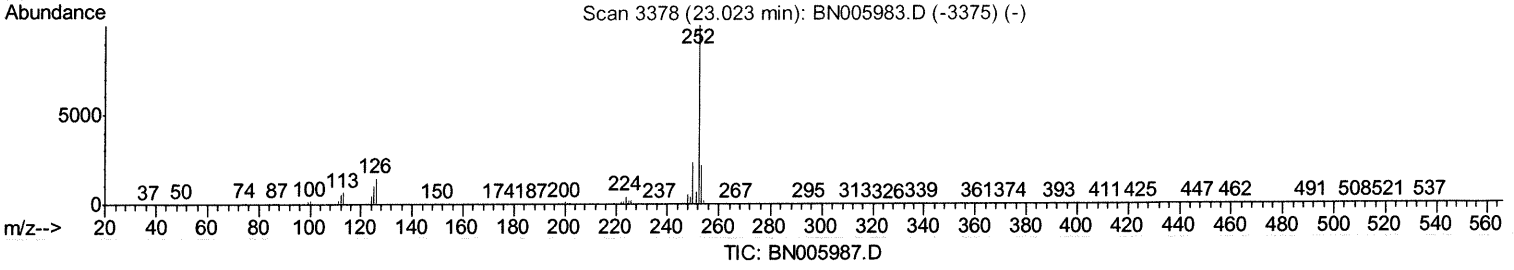
Quant Time: Jun 01 01:52:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4259

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:24 AM







TIC: BN005987.D

(88) Benzo(k)fluoranthene

22.988min (-0.035) 5.40ng/ul

response 462649

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	31.89#
125.00	9.40	24.90#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

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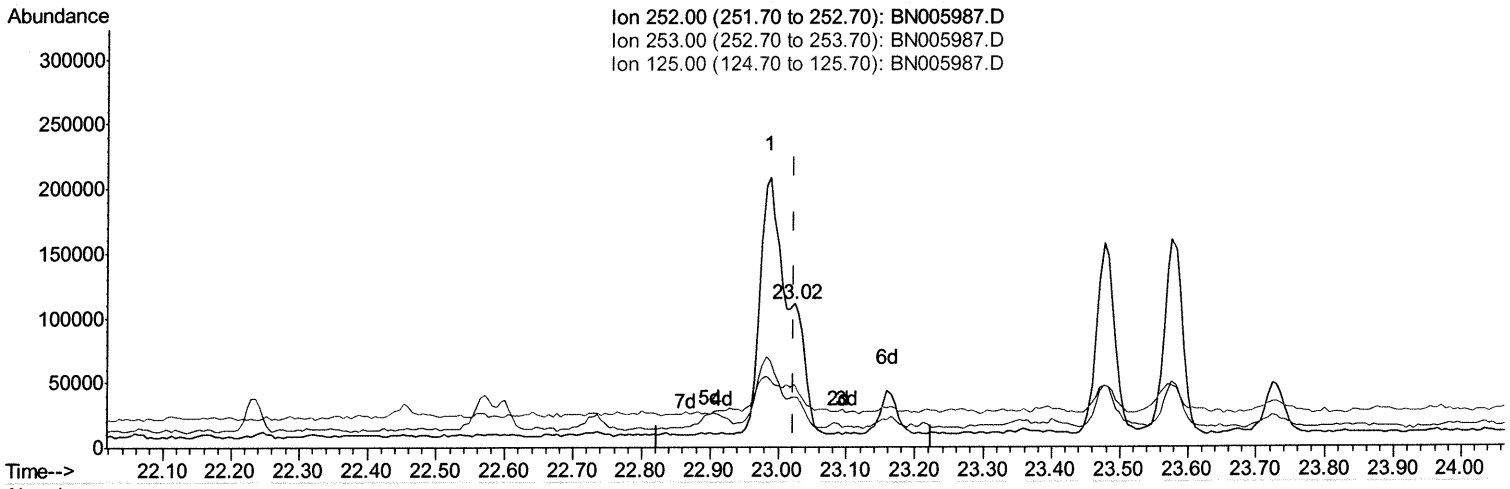
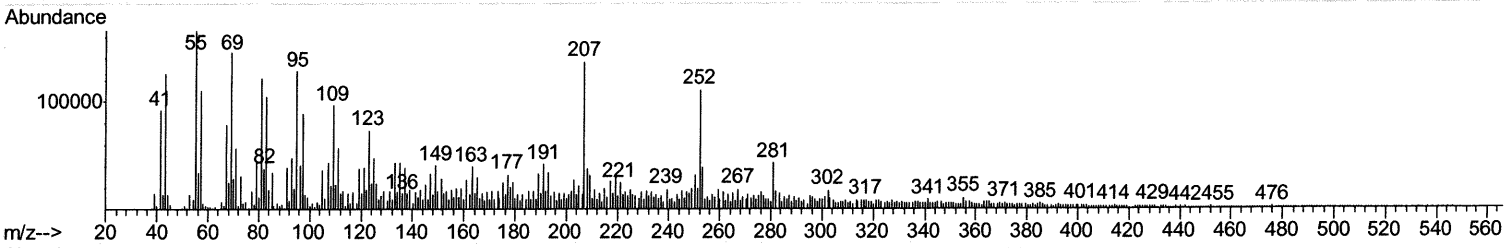
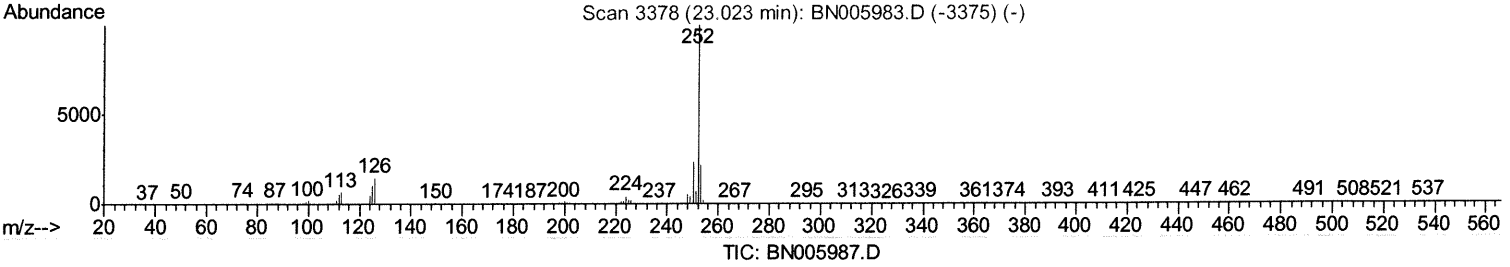
Manual Integrations APPROVED
mohammad
6/5/2019 6:11:24 AM







TIC: BN005987.D

(88) Benzo(k)fluoranthene

23.023min (-0.000) 1.55ng/ul m JU 06/04/19

response 132749

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	34.79#
125.00	9.40	43.83#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

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Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A4259

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	457835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1759747	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	862890	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1730796	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1437331	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1658202	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	57159	5.49	ng/uL	0.01
5) Phenol-d5	6.92	99	1063947	26.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	619336	26.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	874214	28.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	725582	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	410312	36.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	444289	42.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	759819	30.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	265124	8.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1998382	31.41	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2527642	31.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	271021	23.41	ng/ul	0.00
57) Fluorene-d10	15.40	176	1657579	31.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	127177	18.03	ng/ul	0.00
70) Anthracene-d10	17.25	188	2400290	32.58	ng/ul	0.00
78) Pyrene-d10	19.56	212	2440527	33.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.54	264	2385680	32.24	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.85	163	818435	12.873	ng/ul	100
69) Phenanthrene	17.20	178	280950	3.276	ng/ul	100
76) Fluoranthene	19.23	202	609590	6.659	ng/ul	96
79) Pyrene	19.59	202	547189	6.010	ng/ul	98
82) Benzo(a)anthracene	21.36	228	265707	2.941	ng/ul#	90
84) Chrysene	21.41	228	305807	3.629	ng/ul#	92
87) Benzo(b)fluoranthene	22.99	252	462649	4.967	ng/ul#	74
88) Benzo(k)fluoranthene	23.02	252	132749m	1.550	ng/ul	
90) Benzo(a)pyrene	23.58	252	282442	3.216	ng/ul#	70
91) Indeno(1,2,3-cd)pyrene	26.01	276	247262	2.399	ng/ul#	87
93) Benzo(g,h,i)perylene	26.73	276	248961	2.868	ng/ul#	77

JU 06/04/19

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