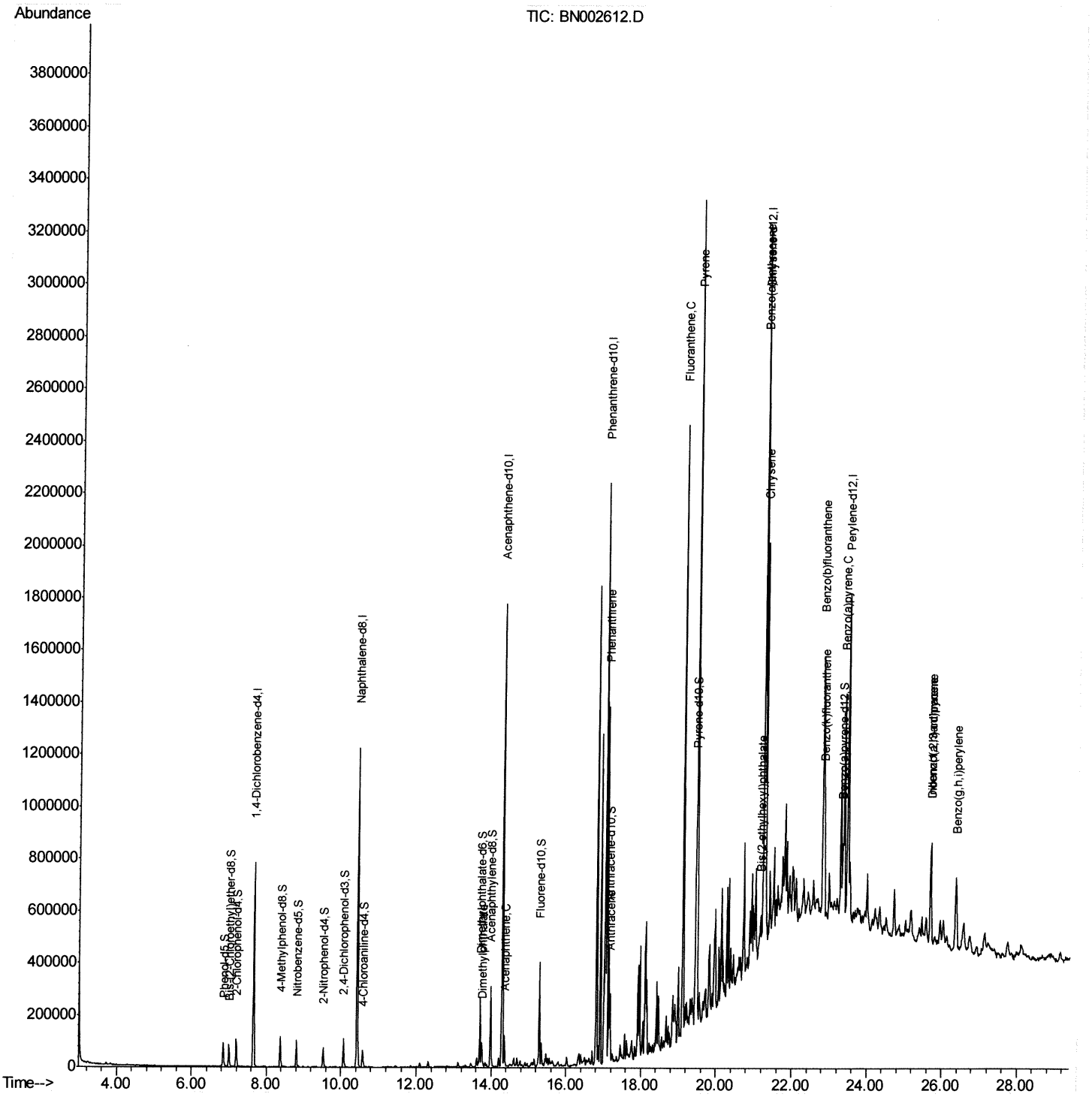
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090518\
Data File : BN002612.D
Acq On : 06 Sep 2018 13:41
Operator : JU/SJ
Sample : J4688-09DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 06 14:53:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YY8DL

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:06 PM



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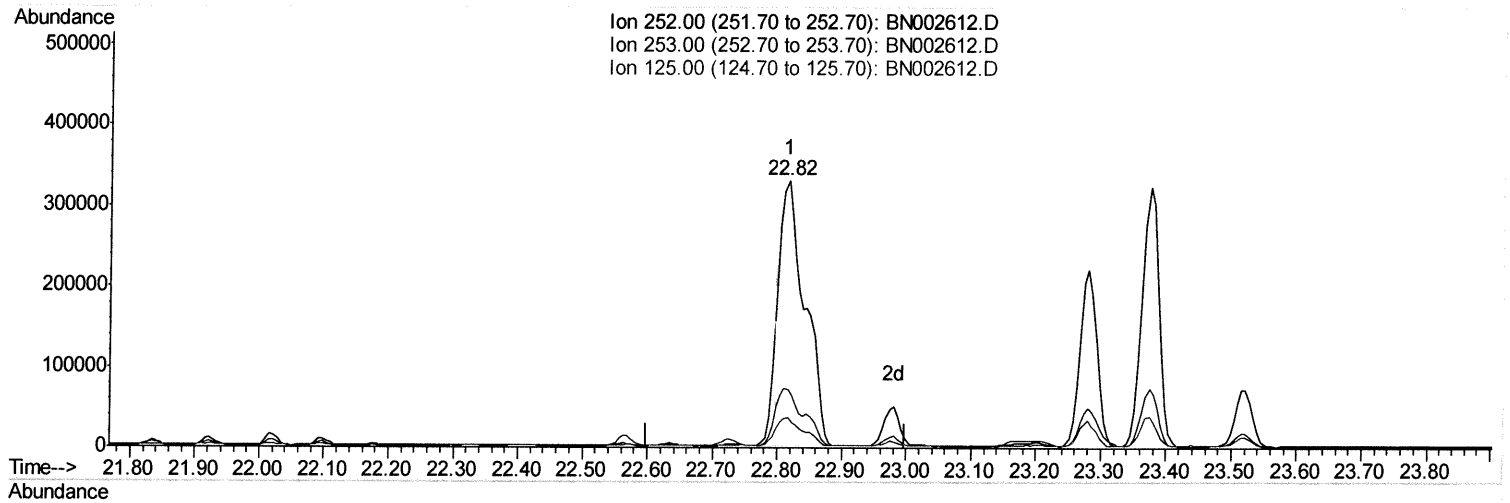
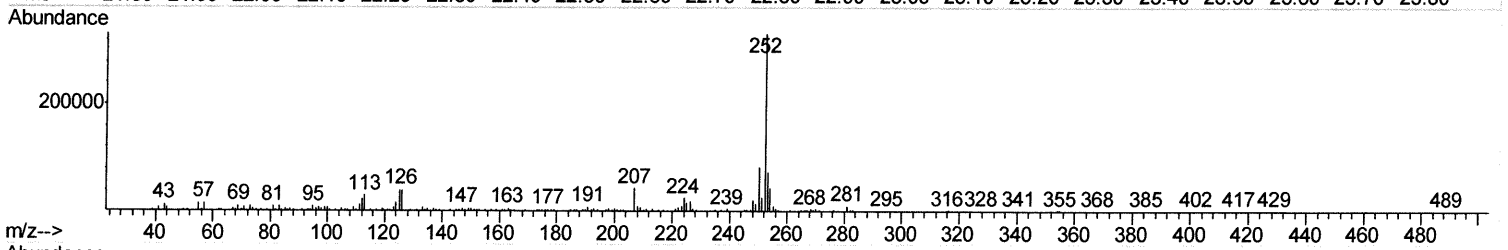
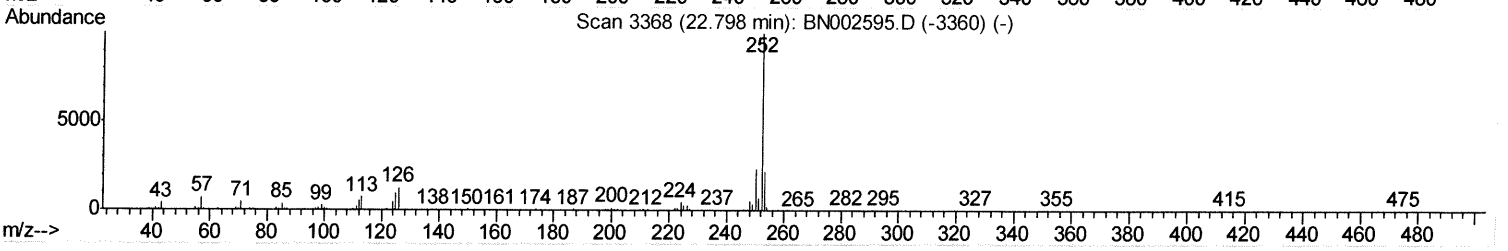




Scan 3368 (22.798 min): BN002595.D (-3360) (-)



TIC: BN002612.D

(87) Benzo(b)fluoranthene

22.816min (+0.018) 17.80ng/ul

response 963517

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.85
125.00	10.60	11.50
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
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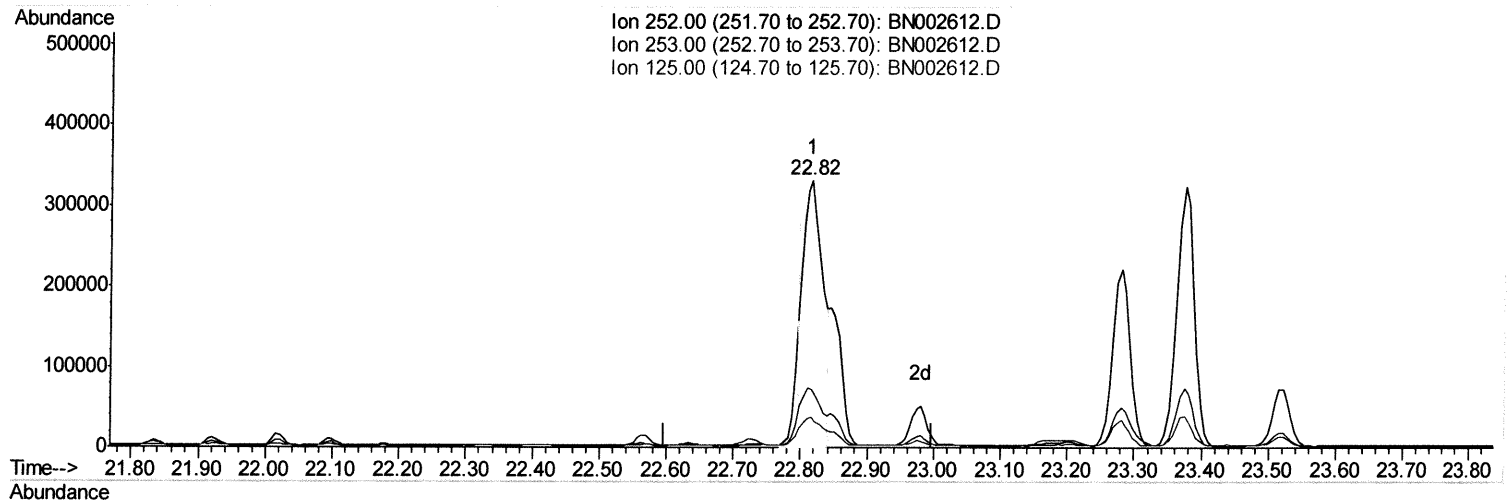
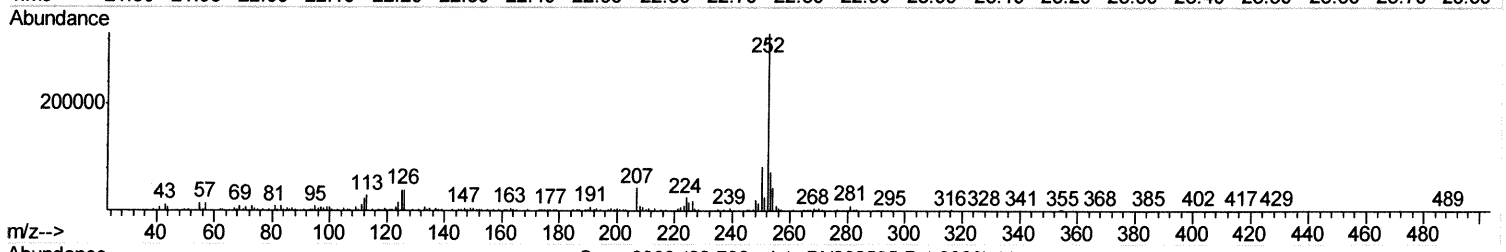
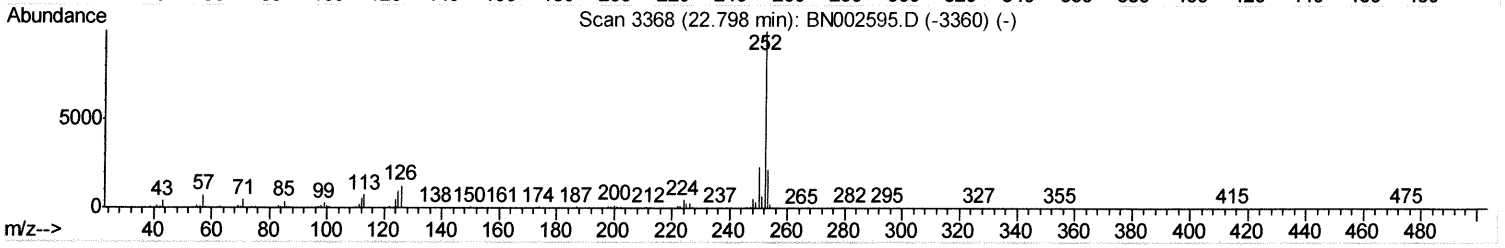
Instrument :
BNA_N
ClientSampleId :
A3YY8DL

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:06 PM





Scan 3368 (22.798 min): BN002595.D (-3360) (-)



TIC: BN002612.D

(87) Benzo(b)fluoranthene

22.816min (+0.018) 13.96ng/ul m SJ 9/10/18

response 755782

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.85
125.00	10.60	11.50
0.00	0.00	0.00

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Operator : JU/SJ
Sample : J4688-09DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 06 14:47:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
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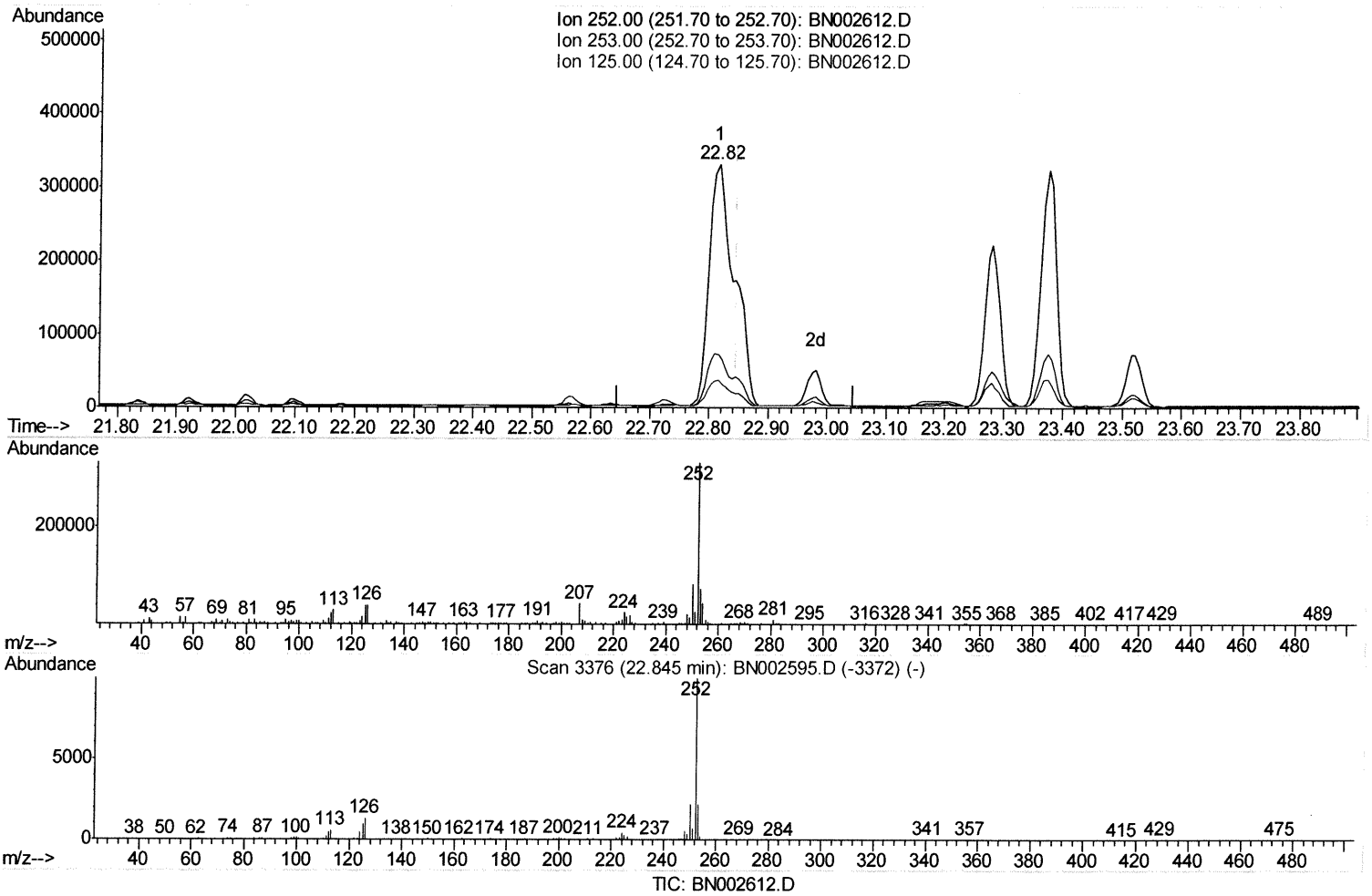
Instrument :
BNA_N
ClientSampleId :
A3YY8DL

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:06 PM



TIC: BN002612.D

(88) Benzo(k)fluoranthene

22.816min (-0.030) 18.89ng/ul

response 963517

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.85
125.00	10.20	11.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090518\
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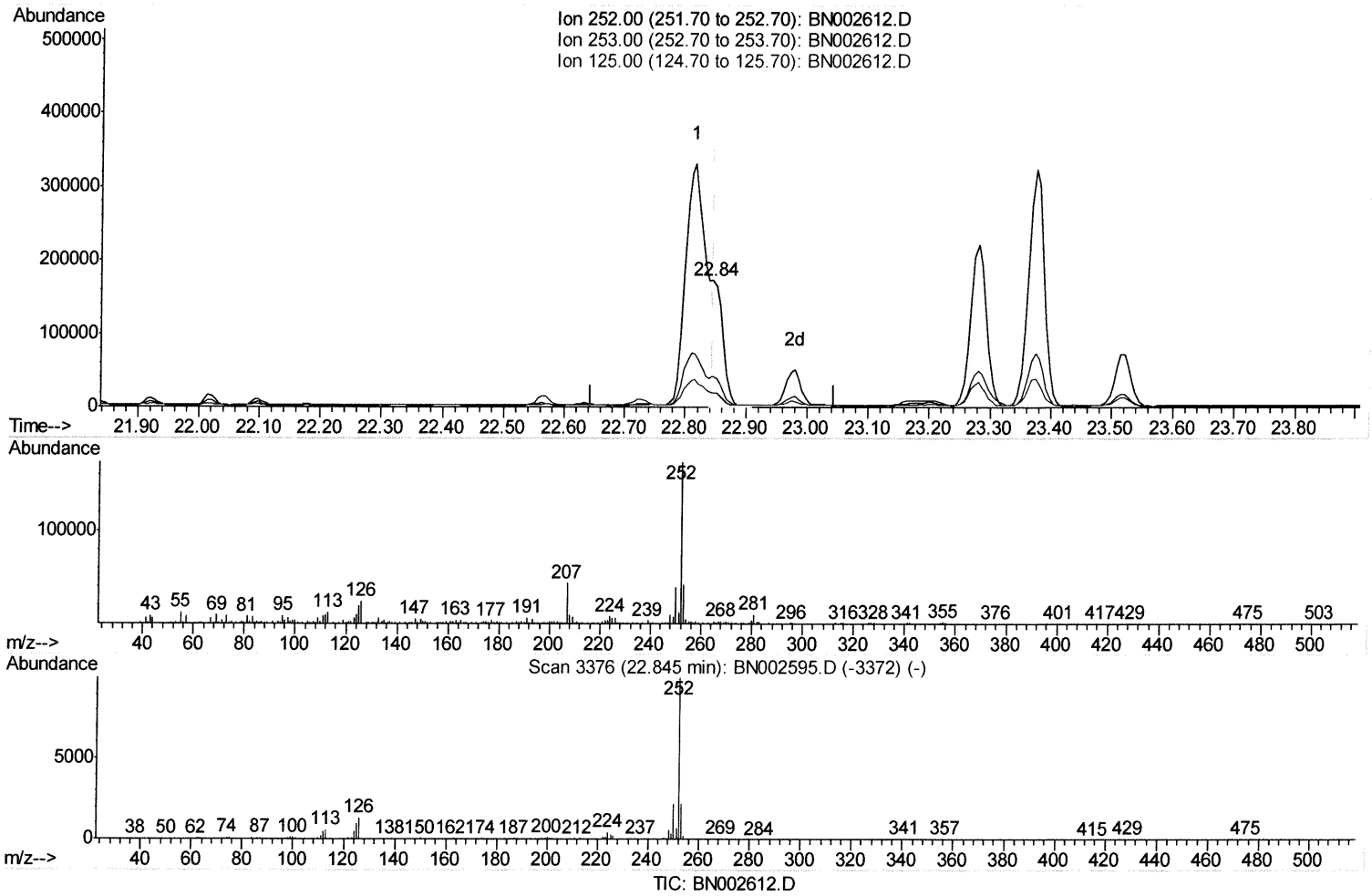
Acq On : 06 Sep 2018 13:41
Operator : JU/SJ
Sample : J4688-09DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 06 14:47:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YY8DL

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:06 PM



TIC: BN002612.D

(88) Benzo(k)fluoranthene

22.845min (-0.000) 4.46ng/ul m SJ 9/10/18

response 227712

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.04
125.00	10.20	11.38
0.00	0.00	0.00

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Operator : JU/SJ
Sample : J4688-09DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

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Instrument : BNA_N
ClientSampleId : A3YY8DL

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	213887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	974816	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	567793	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1256746	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1087267	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	903126	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2482	0.55	ng/uL	0.00
5) Phenol-d5	6.85	99	60277	3.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	41711	3.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	51312	3.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	51196	3.27	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	25275	3.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	25454	3.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	47831	3.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	43477	2.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	172052	3.66	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	215495	3.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	1119	0.13	ng/ul	0.05
57) Fluorene-d10	15.29	176	160308	3.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	478	0.06	ng/ul	0.01
70) Anthracene-d10	17.14	188	239964	4.00	ng/ul	0.00
78) Pyrene-d10	19.45	212	251905	4.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	190172	4.03	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.75	163	53116	1.151	ng/ul	99
49) Acenaphthene	14.36	153	47171	1.216	ng/ul	97
69) Phenanthrene	17.09	178	786089	11.346	ng/ul	99
71) Anthracene	17.17	178	157584	2.243	ng/ul	98
76) Fluoranthene	19.11	202	1291222	16.375	ng/ul	100
79) Pyrene	19.47	202	1897227	28.939	ng/ul	99
82) Benzo(a)anthracene	21.23	228	658401	9.884	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	42629	1.023	ng/ul#	96
84) Chrysene	21.29	228	746245	11.837	ng/ul	98
87) Benzo(b)fluoranthene	22.82	252	755782m	13.961	ng/ul	
88) Benzo(k)fluoranthene	22.84	252	227712m	4.465	ng/ul	
90) Benzo(a)pyrene	23.37	252	578755	11.223	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.69	276	344718	5.619	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.69	278	93873	1.830	ng/ul#	93
93) Benzo(g,h,i)perylene	26.36	276	337355	6.590	ng/ul	98

> 9/9/10/18

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