

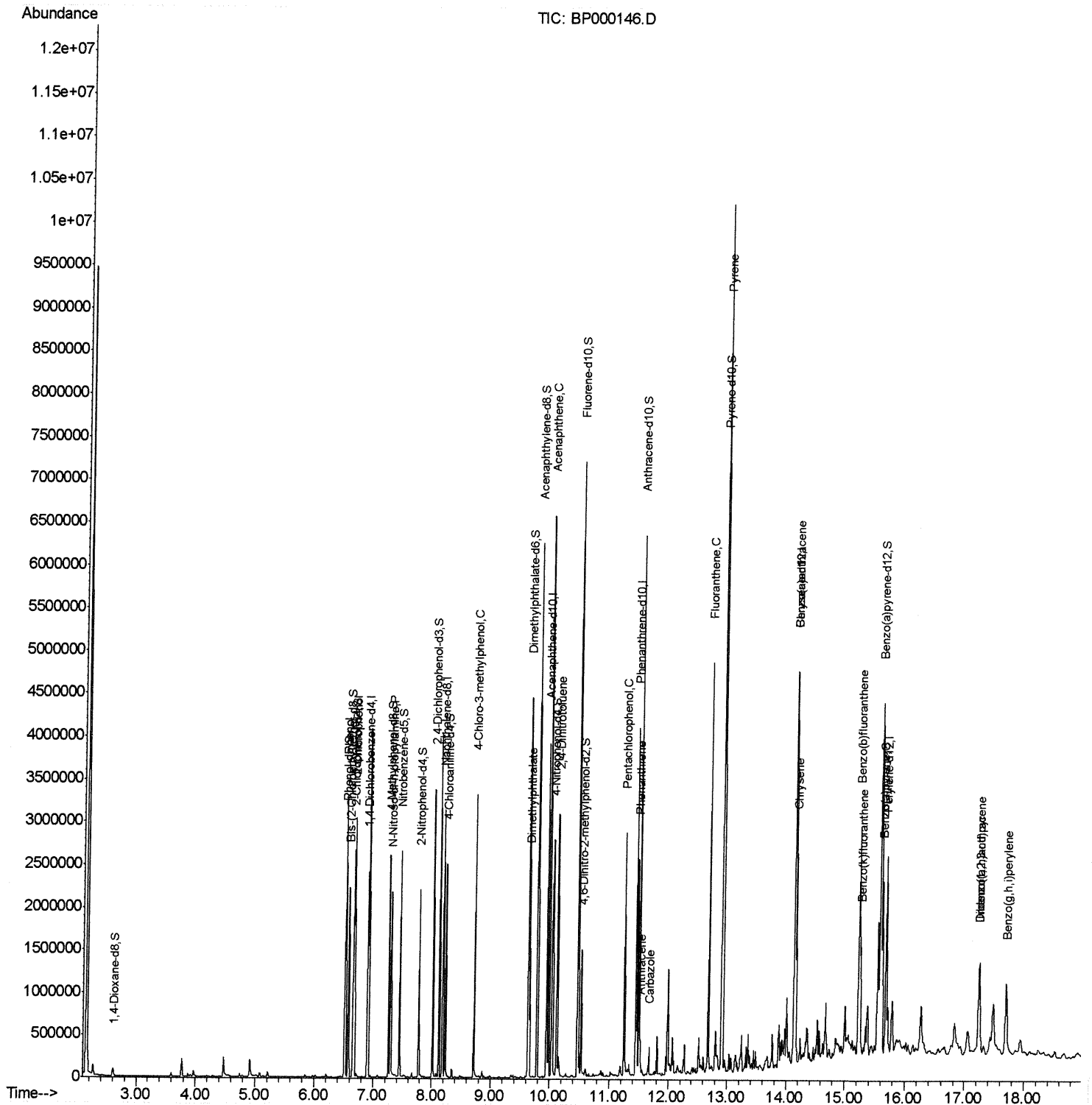
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000146.D
Acq On : 09 Sep 2019 20:51
Operator : HP/JU
Sample : K4633-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
Client Sample ID :
F2D01MS

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:28 PM

Quant Time: Sep 10 04:56:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

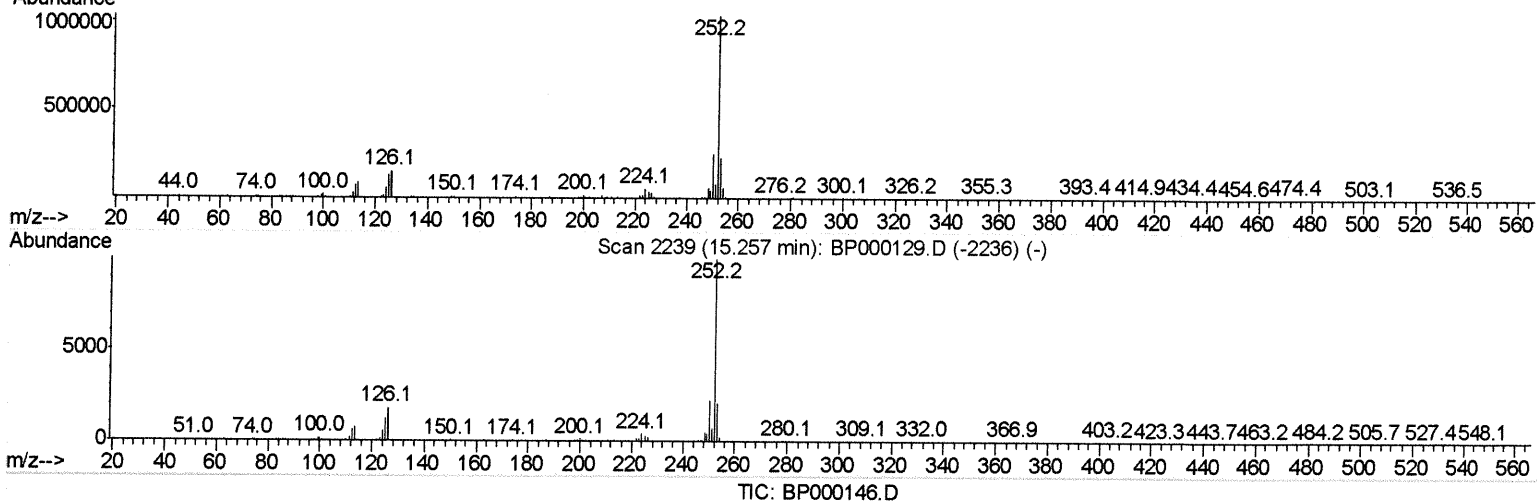
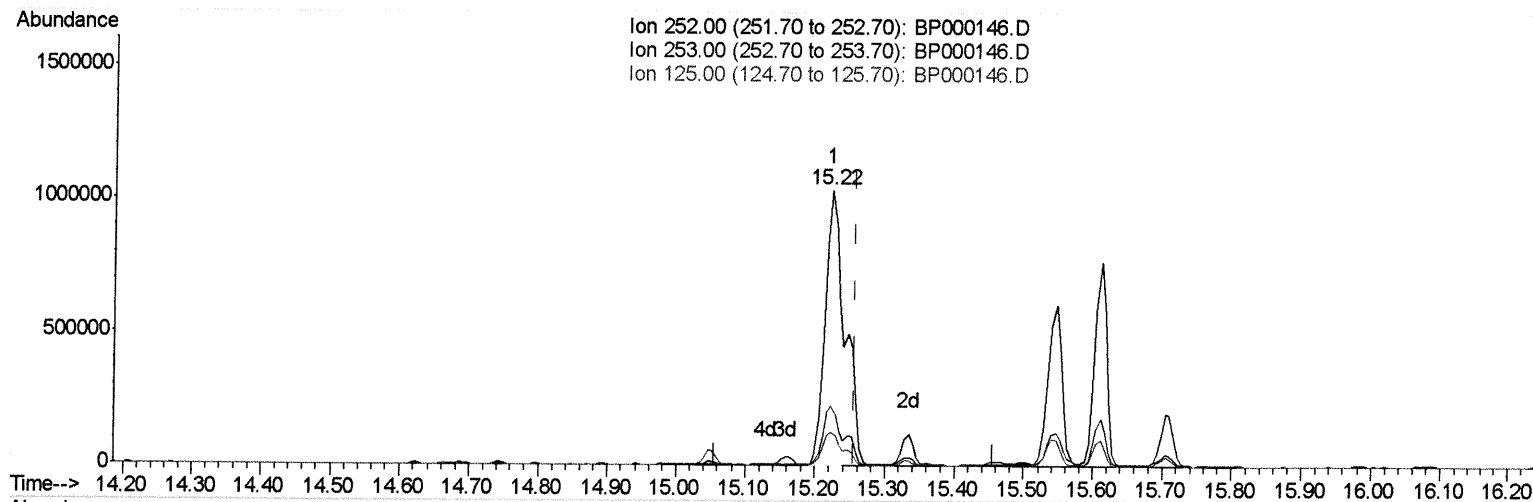
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
 Data File : BP000146.D
 Acq On : 09 Sep 2019 20:51
 Operator : HP/JU
 Sample : K4633-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D01MS

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:52:28 PM

Quant Time: Sep 10 03:38:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

15.222min (-0.035) 22.92ng/ul

response 1595073

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.77
125.00	12.70	12.49
0.00	0.00	0.00

Quantitation Report (Qedit)

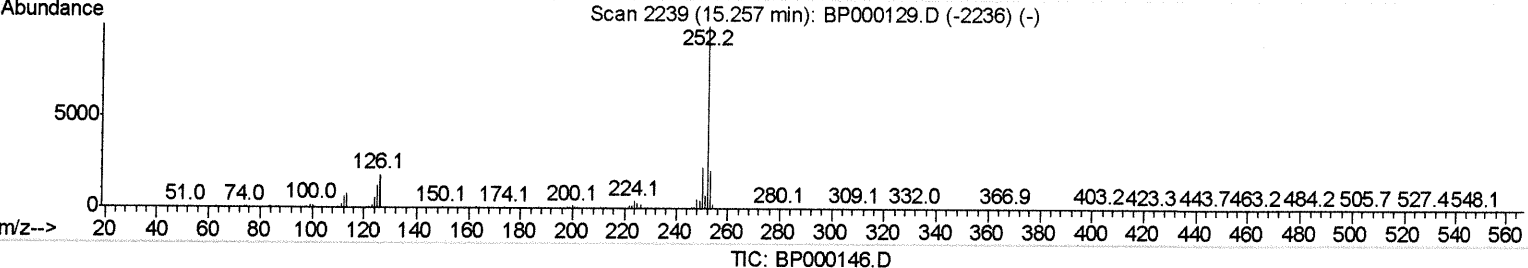
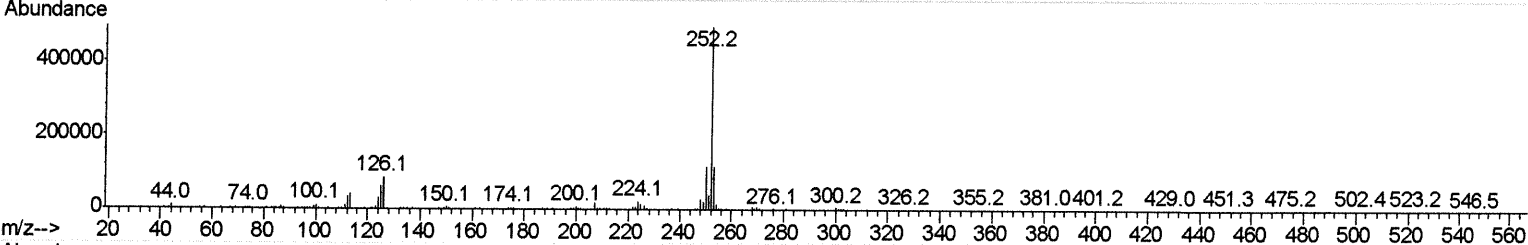
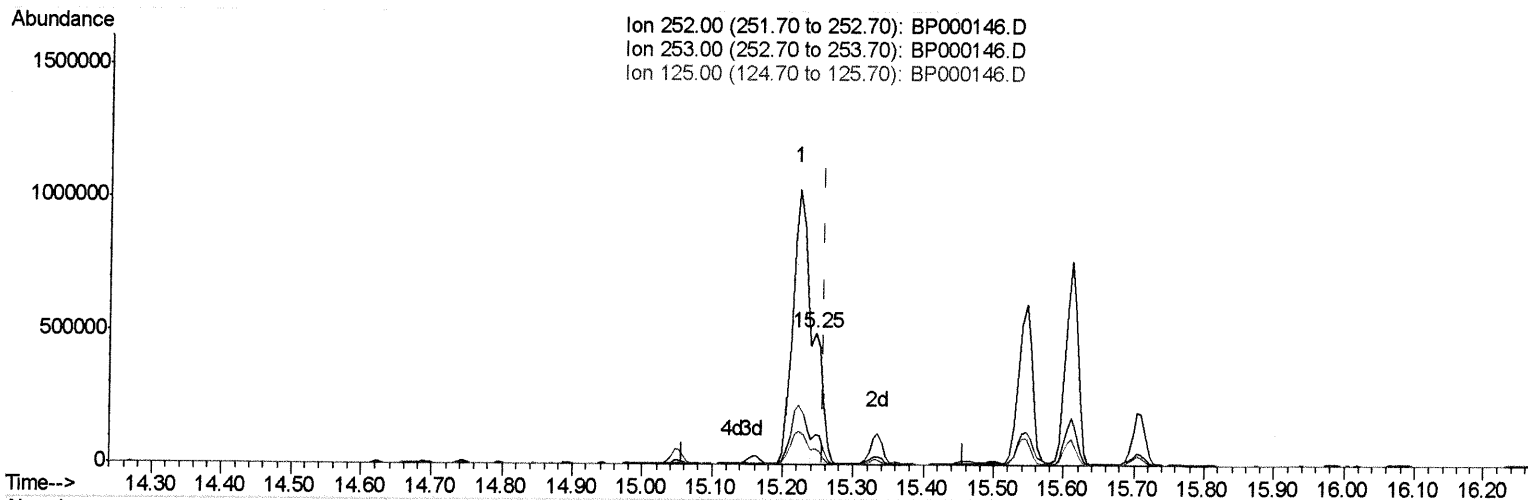
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
 Data File : BP000146.D
 Acq On : 09 Sep 2019 20:51
 Operator : HP/JU
 Sample : K4633-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 F2D01MS

Manual Integrations
APPROVED

mohammad
 9/10/2019 2:52:28 PM

Quant Time: Sep 10 03:38:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

15.245min (-0.012) 6.08ng/ul m

response 422761

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.23
125.00	12.70	12.69
0.00	0.00	0.00

Jul 09/10/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000146.D
 Acq On : 09 Sep 2019 20:51
 Operator : HP/JU
 Sample : K4633-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D01MS

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:52:28 PM

Quant Time: Sep 10 04:56:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	327250	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1281538	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	710764	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1305645	20.00	ng/ul	0.00
78) Chrysene-d12	14.13	240	1077439	20.00	ng/ul	-0.01
86) Perylene-d12	15.67	264	1113786	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	52885	5.73	ng/uL	0.00
5) Phenol-d5	6.51	99	920061	33.01	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.58	67	494389	33.92	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	752681	33.39	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	491121	23.45	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	370344	38.06	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	387999	40.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	656292	32.64	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	692885	27.87	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1907819	36.35	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2249278	34.68	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	307387	32.78	ng/ul	0.00
58) Fluorene-d10	10.47	176	1587918	35.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	197694	32.94	ng/ul	0.00
71) Anthracene-d10	11.50	188	1961257	31.02	ng/ul	0.00
79) Pyrene-d10	12.90	212	2350162	36.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	2142753	37.12	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	1015185	34.946	ng/ul 99
10) 2-Chlorophenol	6.68	128	732460	30.781	ng/ul 96
15) N-Nitroso-di-n-propylamine	7.29	70	510710	34.609	ng/ul 99
33) 4-Chloro-3-methylphenol	8.72	107	619952	30.306	ng/ul 100
45) Dimethylphthalate	9.65	163	773065	14.597	ng/ul 100
50) Acenaphthene	9.98	153	1541219	32.825	ng/ul 99
53) 4-Nitrophenol	10.04	109	223944	32.085	ng/ul 98
55) 2,4-Dinitrotoluene	10.12	165	494323	35.837	ng/ul# 95
69) Pentachlorophenol	11.25	266	280039	30.981	ng/ul 98
70) Phenanthrene	11.47	178	852604	11.042	ng/ul 98
72) Anthracene	11.52	178	124362	1.637	ng/ul 99
75) Carbazole	11.67	167	122721	1.889	ng/ul 99
77) Fluoranthene	12.68	202	1831966	23.524	ng/ul 99
80) Pyrene	12.92	202	3942374	48.499	ng/ul 100
83) Benzo(a)anthracene	14.13	228	892002	11.437	ng/ul 99
85) Chrysene	14.16	228	1002877	14.013	ng/ul 98
88) Benzo(b)fluoranthene	15.22	252	1595073	21.608	ng/ul 100
89) Benzo(k)fluoranthene	15.25	252	422761m	6.075	ng/ul 98
91) Benzo(a)pyrene	15.61	252	916059	13.226	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	17.23	276	766644	9.622	ng/ul 97
93) Dibenzo(a,h)anthracene	17.25	278	204143	3.093	ng/ul 98
94) Benzo(a,h,i)perylene	17.70	276	677657	10.200	ng/ul 99

JU 09/10/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000146.D
Acq On : 09 Sep 2019 20:51
Operator : HP/JU
Sample : K4633-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D01MS

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:28 PM

Quant Time: Sep 10 04:56:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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