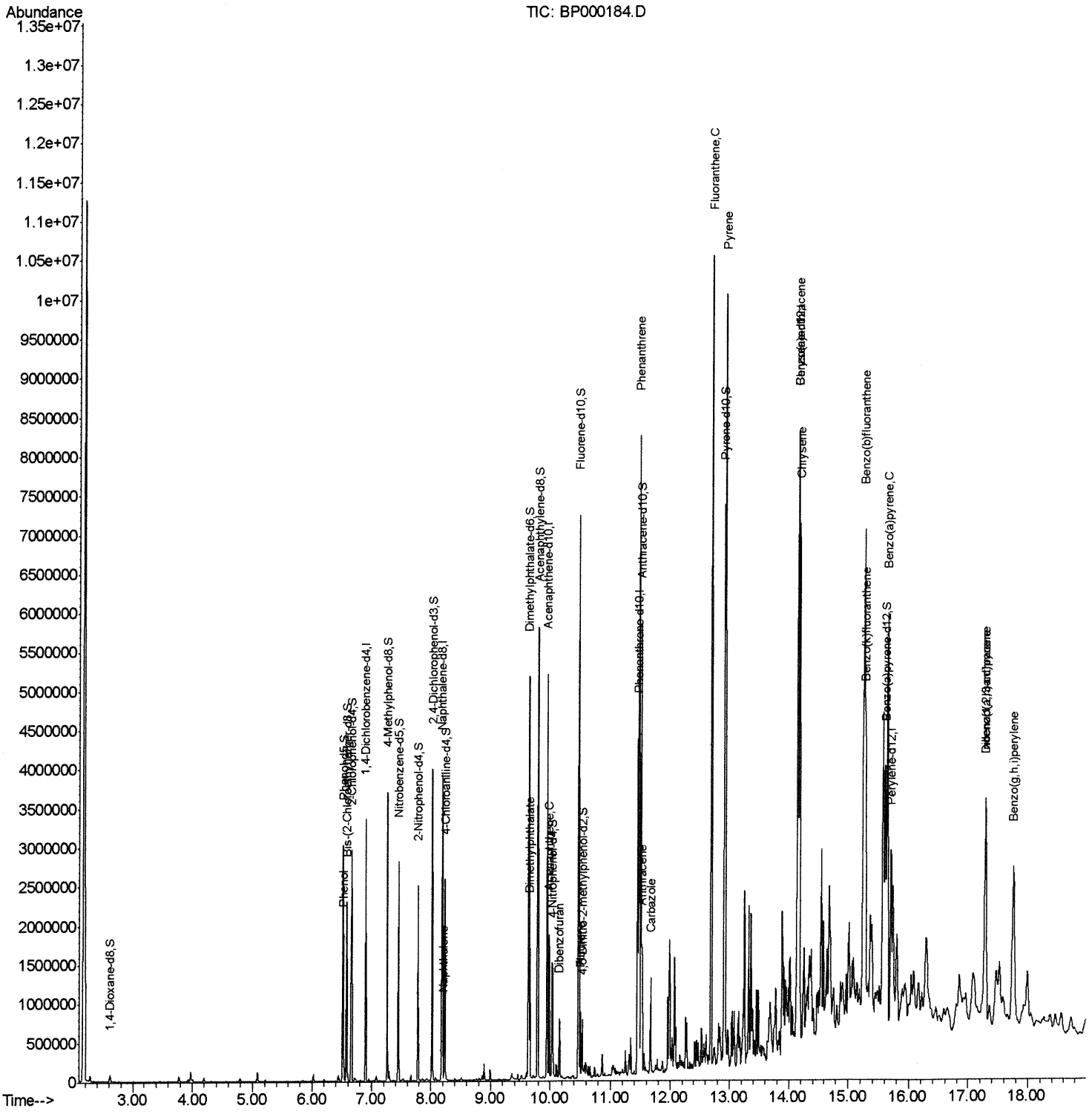
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
Data File : BP000184.D
Acq On : 10 Sep 2019 23:03
Operator : HP/JU
Sample : K4633-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 11 04:05:37 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

Instrument :
BNA_P
ClientSampleId :
F2D03

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:59 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
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Acq On : 10 Sep 2019 23:03
Operator : HP/JU
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Misc :
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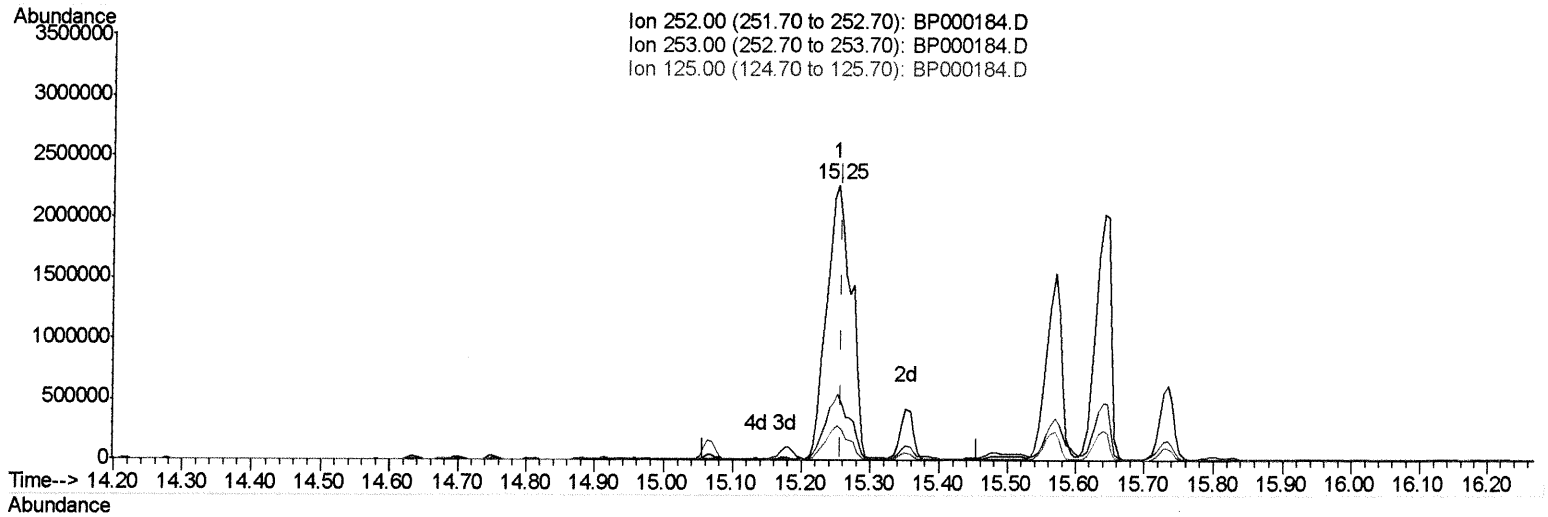
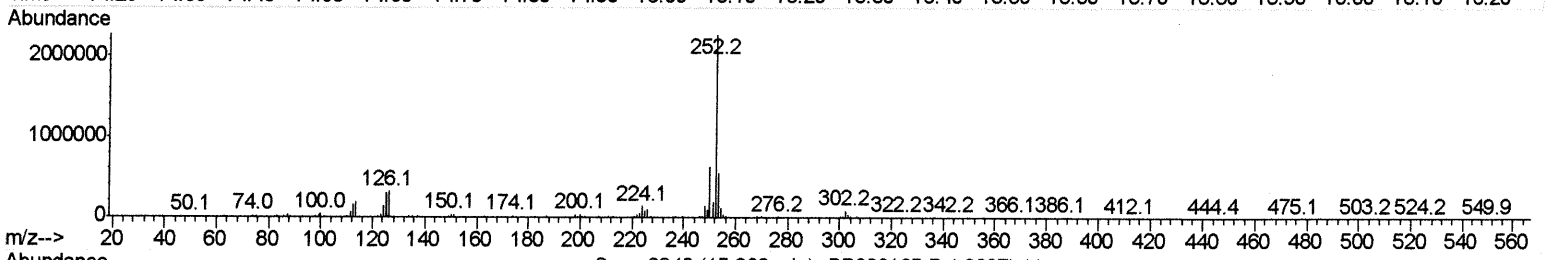
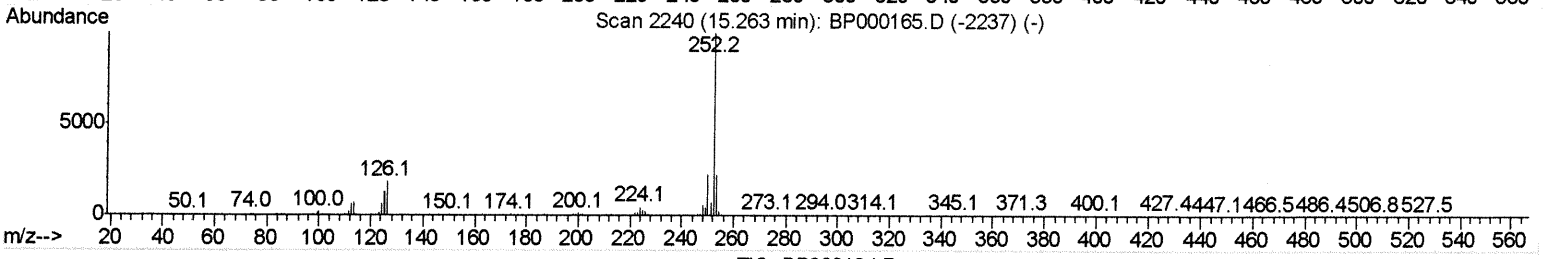
9/12/2019 9:29:59 AM





Scan 2240 (15.263 min): BP000165.D (-2237) (-)



TIC: BP000184.D

(89) Benzo(k)fluoranthene

15.251min (-0.006) 65.30ng/ul

response 4793521

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.15
125.00	12.70	12.75
0.00	0.00	0.00

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BNA_P
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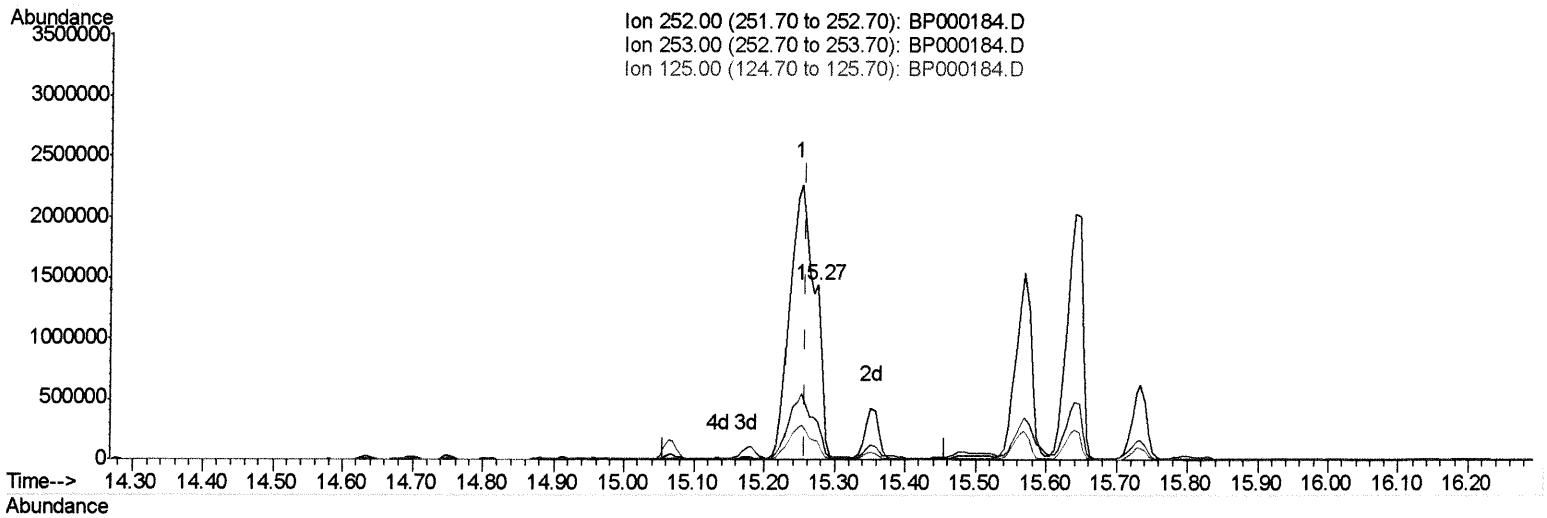
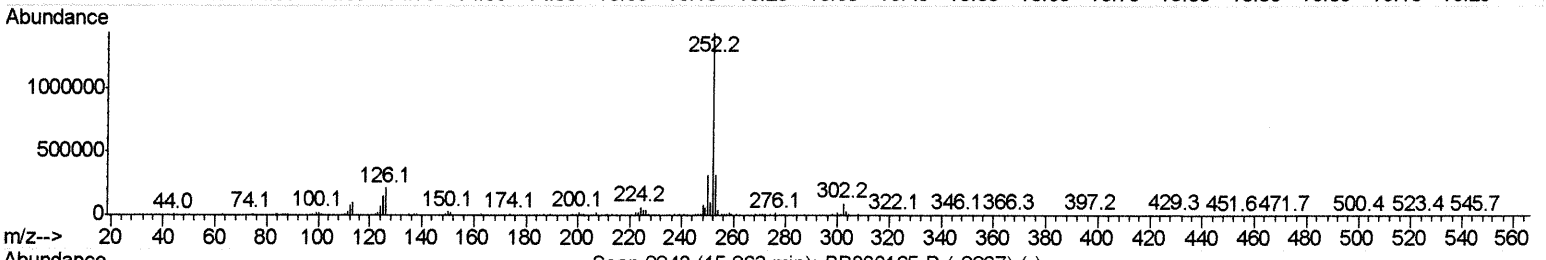
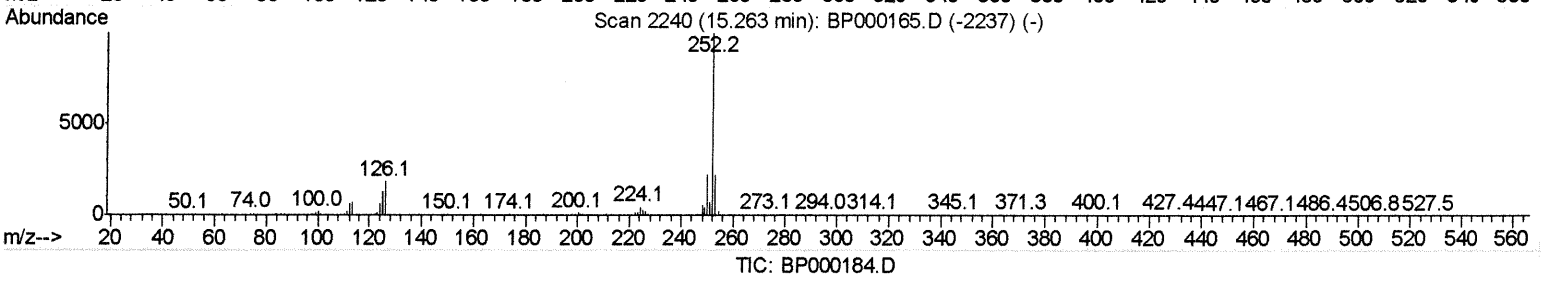
Manual Integrations APPROVED
mohammad
9/12/2019 9:29:59 AM







TIC: BP000184.D

(89) Benzo(k)fluoranthene

15.275min (+0.018) 11.06ng/ul m JU 09/13/19

response 812098

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.19
125.00	12.70	10.50
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
9/12/2019 9:29:59 AM

Quant Time: Sep 11 04:05:37 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	462941	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1756497	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	920135	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1577123	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1031024	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1175005	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	53178	4.07	ng/uL	0.01
5) Phenol-d5	6.51	99	988000	25.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	507779	24.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	814778	25.55	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	768034	25.93	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	392528	29.43	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	421054	32.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	720634	26.15	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	781827	22.94	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1957664	28.81	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2323607	27.67	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	265787	21.89	ng/ul	0.00
58) Fluorene-d10	10.47	176	1547918	26.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	100354	13.84	ng/ul	0.00
71) Anthracene-d10	11.50	188	2041599	26.73	ng/ul	0.00
79) Pyrene-d10	12.90	212	2007708	32.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1785268	29.31	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.52	94	165914	4.037	ng/ul	99
28) Naphthalene	8.20	128	198868	2.079	ng/ul	99
45) Dimethylphthalate	9.66	163	706835	10.310	ng/ul	98
50) Acenaphthene	9.97	153	431724	7.103	ng/ul	100
54) Dibenzofuran	10.15	168	141630	1.698	ng/ul	98
59) Fluorene	10.50	166	202614	3.141	ng/ul	99
70) Phenanthrene	11.47	178	2843321	30.486	ng/ul	99
72) Anthracene	11.53	178	608458	6.630	ng/ul	99
75) Carbazole	11.67	167	439770	5.604	ng/ul	100
77) Fluoranthene	12.69	202	4765179	50.656	ng/ul	97
80) Pyrene	12.92	202	4236533	54.464	ng/ul	96
83) Benzo(a)anthracene	14.14	228	2797093	37.478	ng/ul	95
85) Chrysene	14.18	228	3015601	44.033	ng/ul	98
88) Benzo(b)fluoranthene	15.25	252	4793521	61.553	ng/ul	97
89) Benzo(k)fluoranthene	15.27	252	812098m	11.063	ng/ul	97
91) Benzo(a)pyrene	15.64	252	3106297	42.513	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.28	276	2334257	27.769	ng/ul	99
93) Dibenzo(a,h)anthracene	17.29	278	610825	8.773	ng/ul	98
94) Benzo(g,h,i)perylene	17.75	276	1958345	27.942	ng/ul	99

-> JU 09/13/19

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