

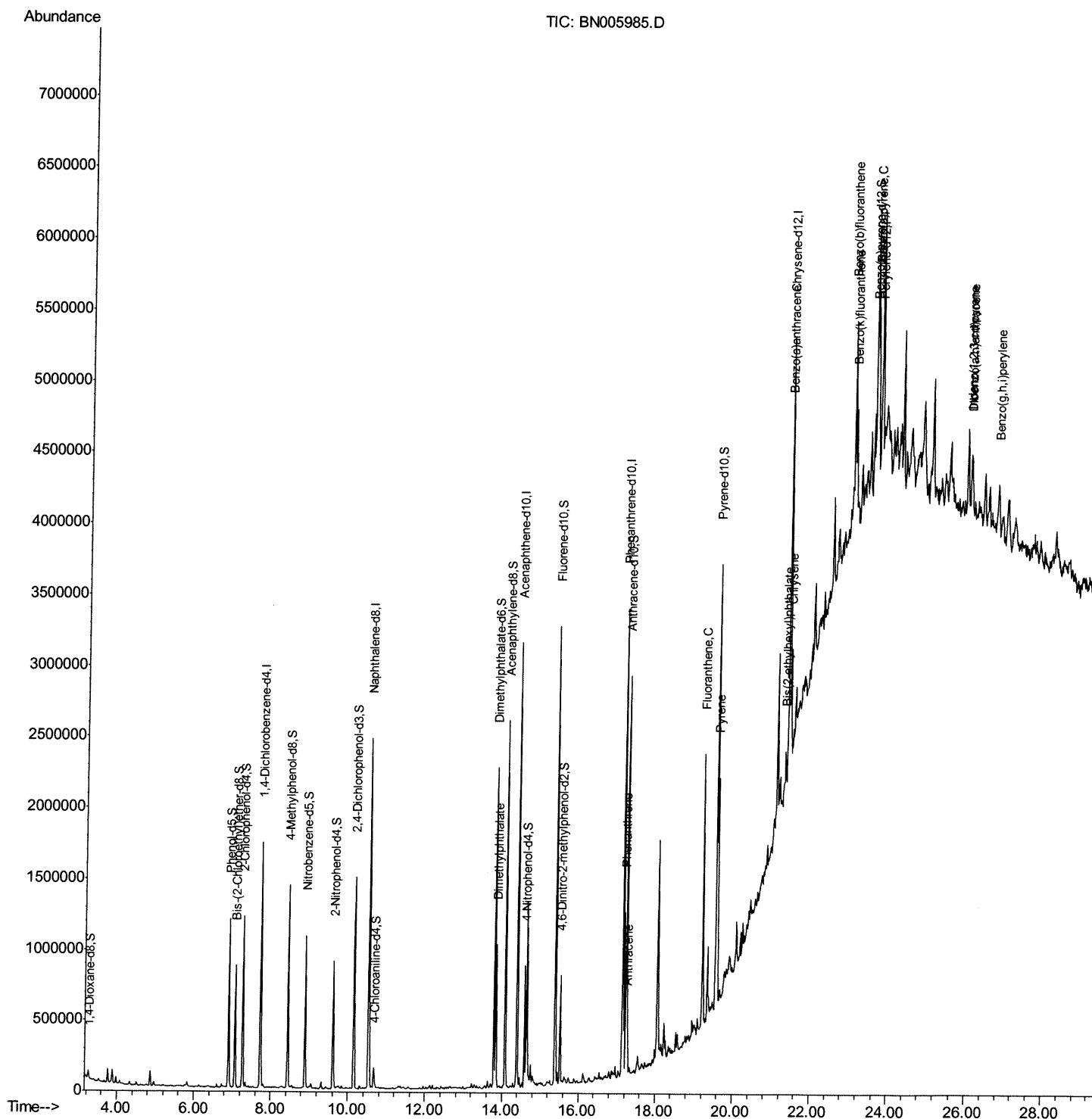
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053119\
Data File : BN005985.D
Acq On : 31 May 2019 18:18
Operator : JU/SJ
Sample : K2923-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4257

Manual Integrations
APPROVED

mohammad
6/5/2019 6:11:04 AM

Quant Time: May 31 18:54:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 15:02:18 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

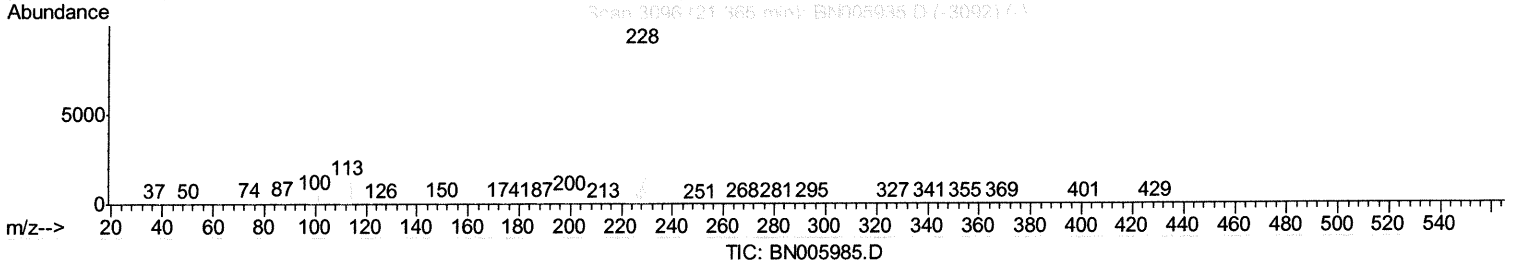
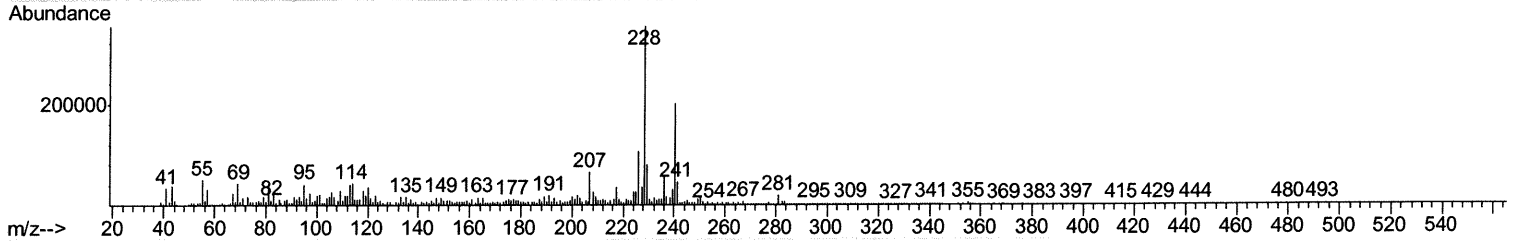
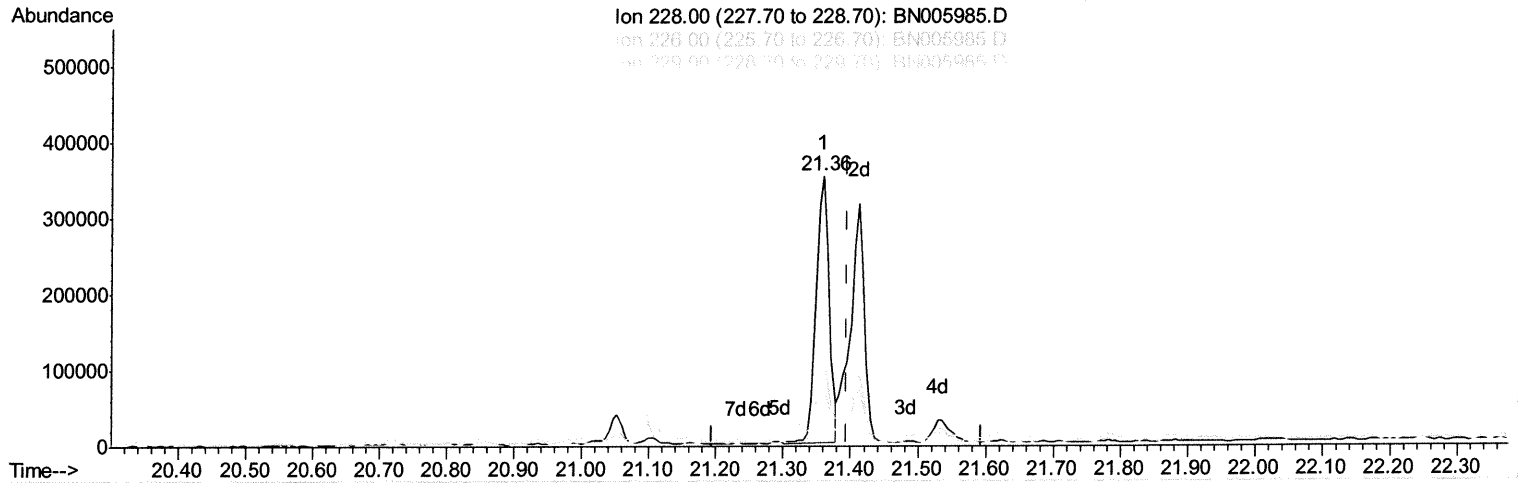
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(84) Chrysene

21.359min (-0.035) 6.54ng/ul

response 471163

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.01
229.00	19.20	22.37
0.00	0.00	0.00

Quantitation Report (Qedit)

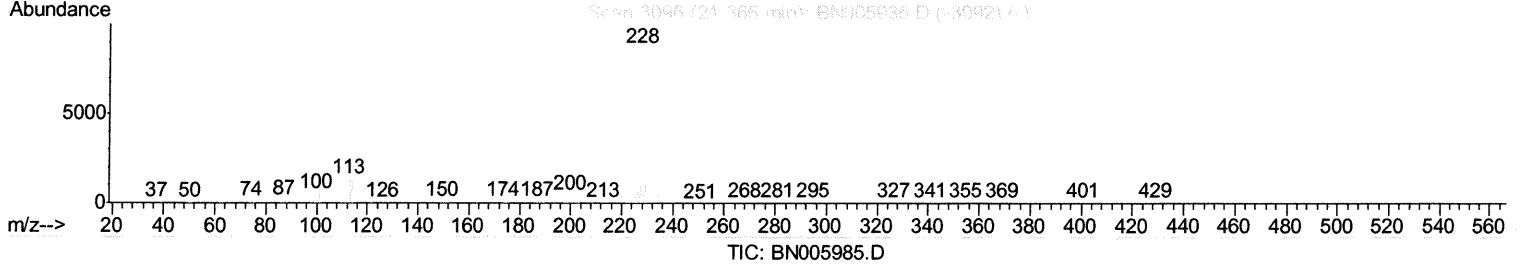
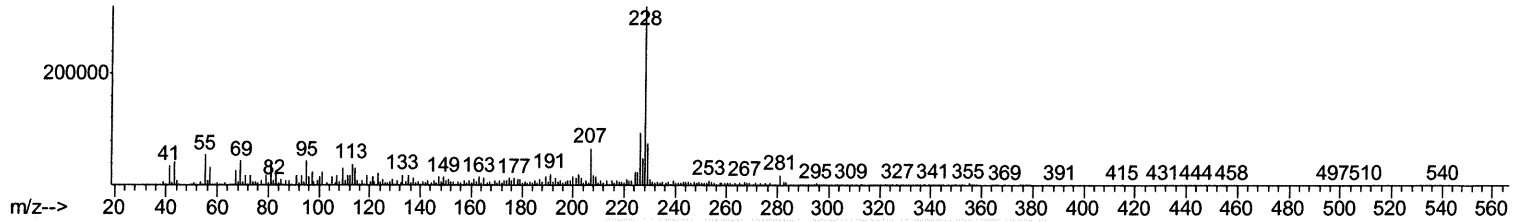
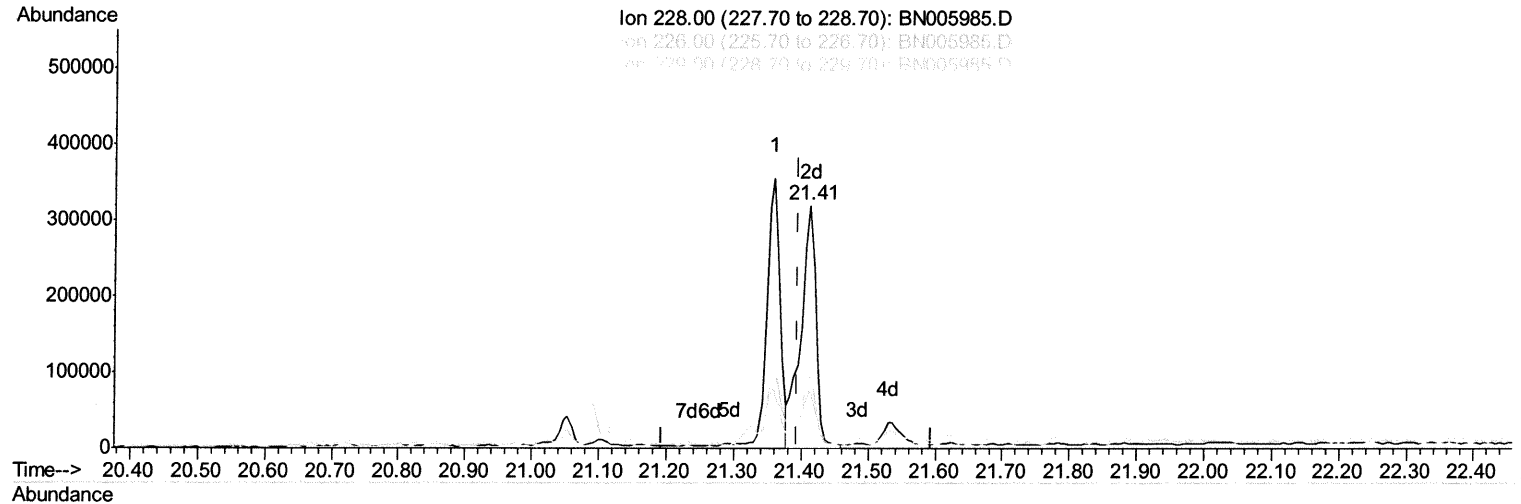
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Manual Integrations
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 Response via : Initial Calibration



(84) Chrysene

21.412min (+0.018) 6.99ng/ul m *JU 06/04/19*

response 503960

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.64
229.00	19.20	23.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

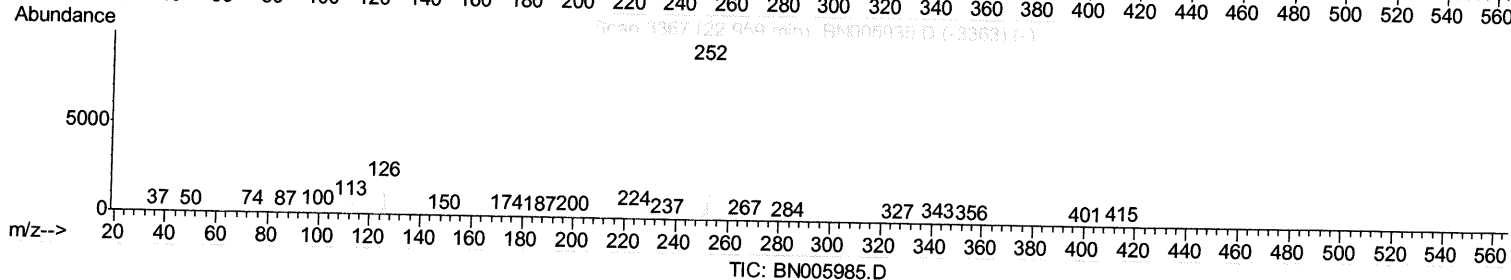
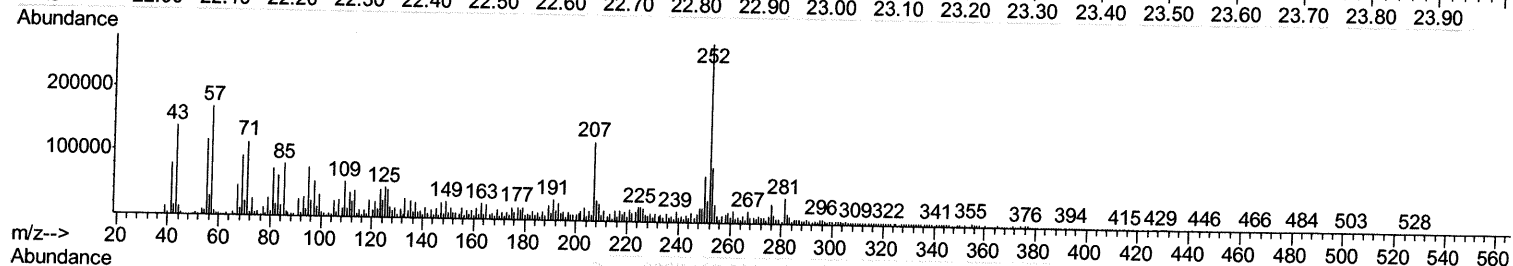
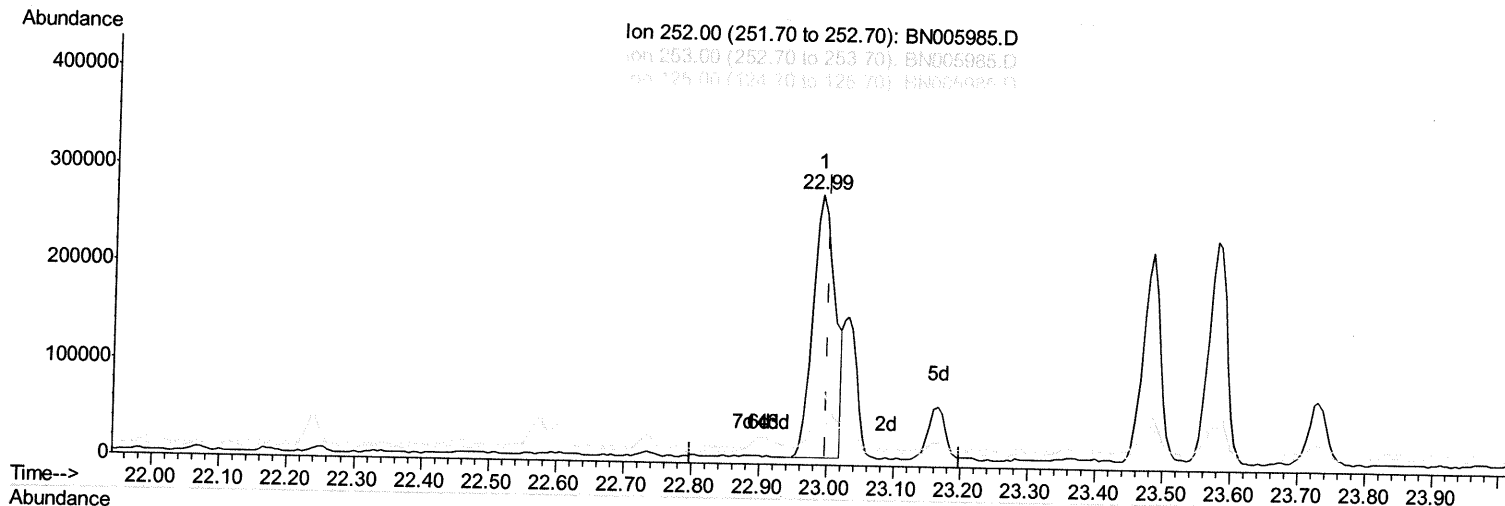
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 Operator : JU/SJ
 Sample : K2923-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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 QLast Update : Fri May 31 15:02:18 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.988min (-0.012) 8.51ng/ul

response 613236

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	30.84#
125.00	9.40	17.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

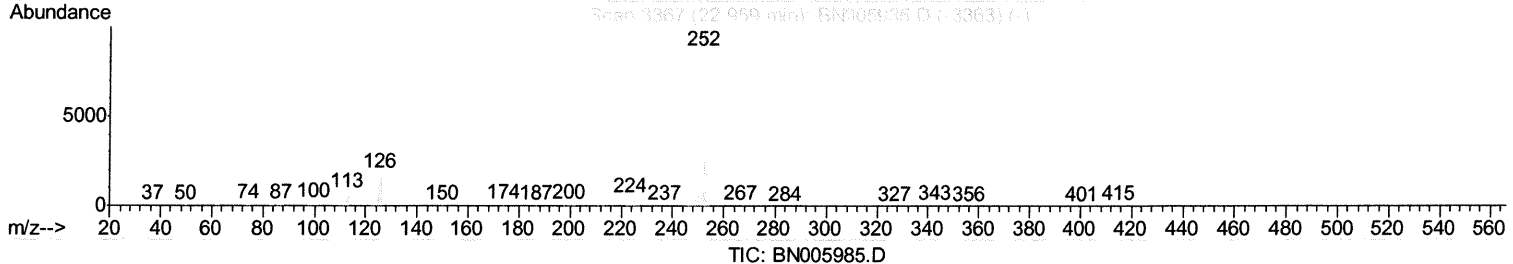
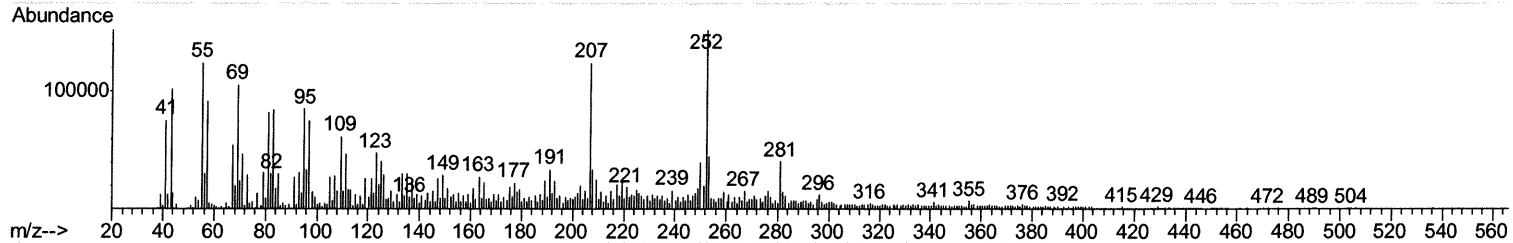
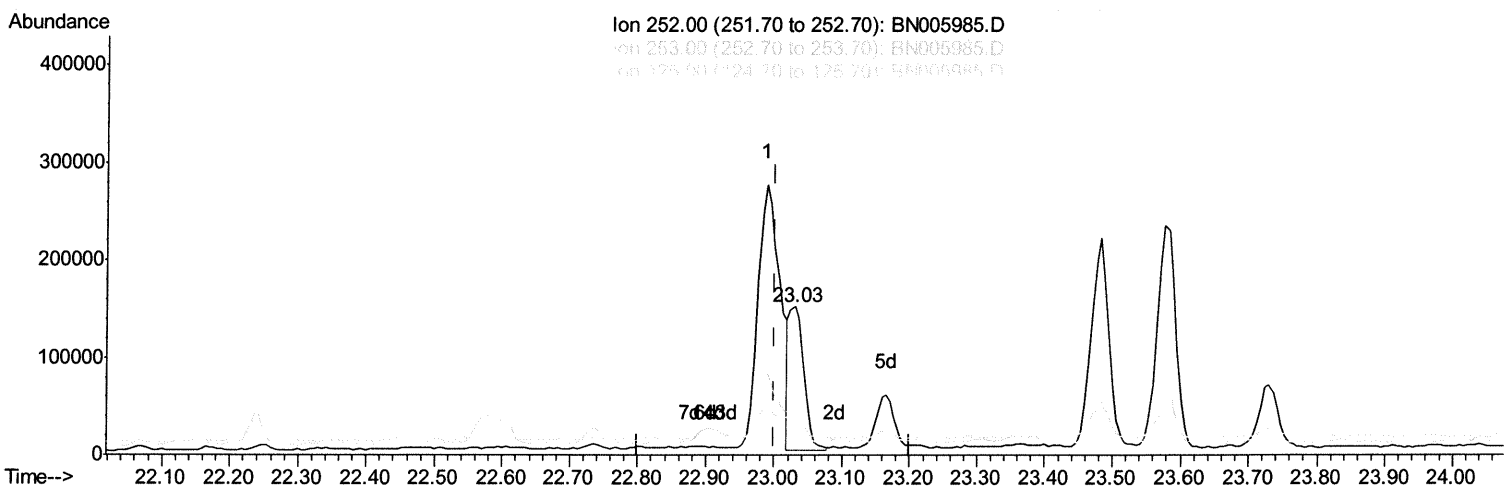
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual Integrations
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mohammad
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 15:02:18 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

23.029min (+0.030) 2.98ng/ul m *JU*
06/04/19

response 214598

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	29.90#
125.00	9.40	26.85#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053119\
 Data File : BN005985.D
 Acq On : 31 May 2019 18:18
 Operator : JU/SJ
 Sample : K2923-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 6/5/2019 6:11:04 AM

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Quant Title : SVOA CALIBRATION

QLast Update : Fri May 31 15:02:18 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	459666	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1978651	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	1051232	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1866481	20.00	ng/ul	0.01
77) Chrysene-d12	21.38	240	1229133	20.00	ng/ul	0.02
85) Perylene-d12	23.68	264	1395615	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	28642	2.74	ng/uL	0.00
5) Phenol-d5	6.91	99	687151	16.87	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.07	67	366400	15.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	541929	17.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	522552	15.89	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	258540	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	288723	24.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	542190	19.41	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	89373	2.44	ng/ul	0.01
43) Dimethylphthalate-d6	13.81	166	1486313	19.18	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	1834264	18.92	ng/ul	0.01
51) 4-Nitrophenol-d4	14.60	143	207653	14.72	ng/ul	0.01
57) Fluorene-d10	15.39	176	1205427	18.55	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	159221	20.93	ng/ul	0.02
70) Anthracene-d10	17.25	188	1561199	19.65	ng/ul	0.02
78) Pyrene-d10	19.56	212	1373007	22.12	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.54	264	1202341	19.31	ng/ul	0.04

Target Compounds

					Qvalue
44) Dimethylphthalate	13.85	163	634146	8.187	ng/ul 99
69) Phenanthrene	17.19	178	658358	7.119	ng/ul 99
71) Anthracene	17.28	178	181108	1.929	ng/ul 99
76) Fluoranthene	19.22	202	1103093	11.174	ng/ul 97
79) Pyrene	19.59	202	958883	12.315	ng/ul 97
82) Benzo(a)anthracene	21.36	228	465058	6.019	ng/ul 94
83) Bis(2-ethylhexyl)phthalate	21.29	149	77538	1.529	ng/ul# 95
84) Chrysene	21.41	228	503960m	6.993	ng/ul
87) Benzo(b)fluoranthene	22.99	252	613236	7.823	ng/ul# 82
88) Benzo(k)fluoranthene	23.03	252	214598m	2.978	ng/ul
90) Benzo(a)pyrene	23.58	252	427595	5.784	ng/ul# 82
91) Indeno(1,2,3-cd)pyrene	26.00	276	352884	4.068	ng/ul 92
92) Dibenzo(a,h)anthracene	26.01	278	98694	1.367	ng/ul# 52
93) Benzo(g,h,i)perylene	26.72	276	327414	4.482	ng/ul# 88

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

Ju 06/04/19