

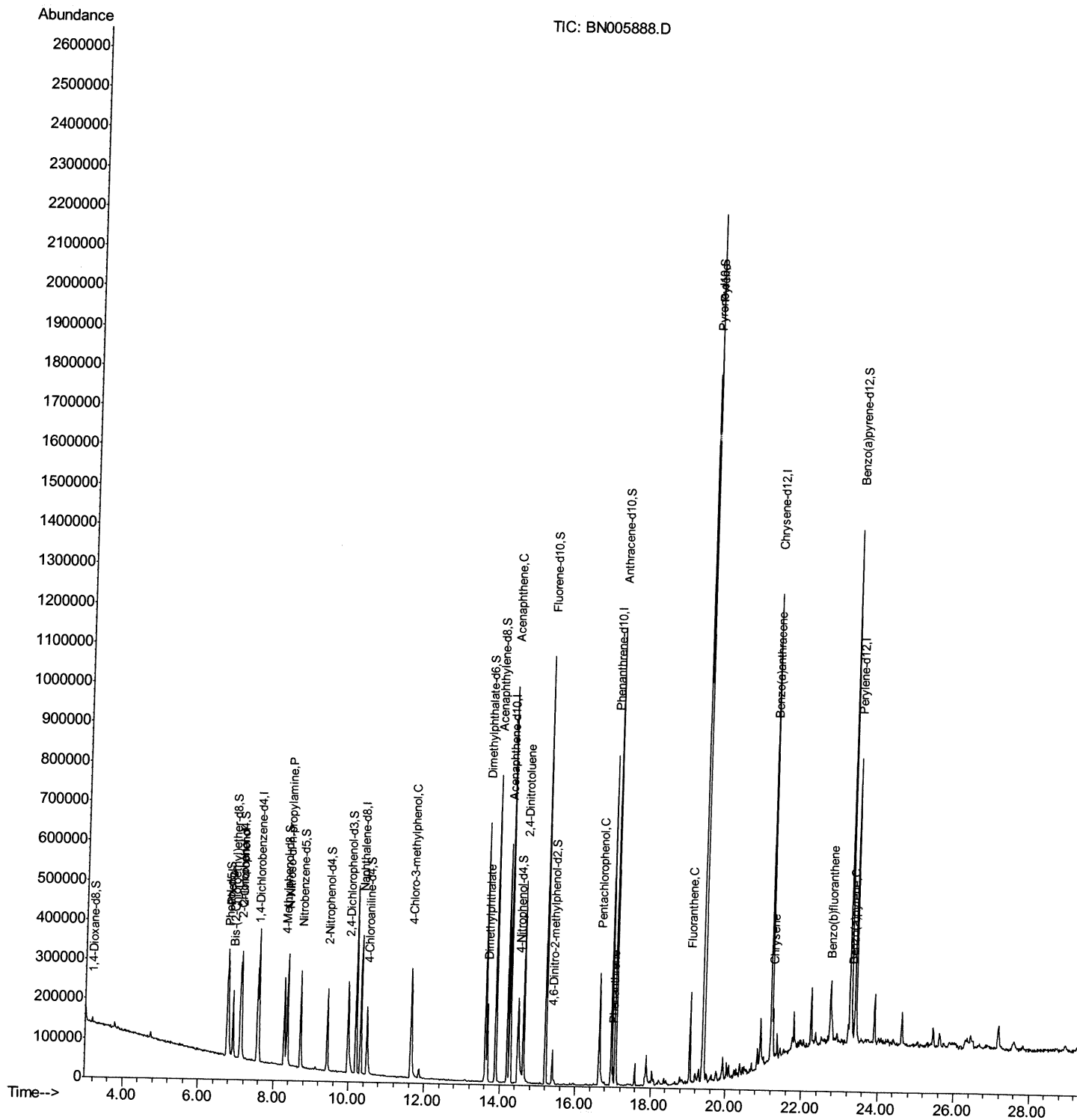
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052319\
Data File : BN005888.D
Acq On : 23 May 2019 19:25
Operator : JU/SJ
Sample : K2923-18MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4263MSD

Manual Integrations
APPROVED

Sohil
5/24/2019 5:02:11 PM

Quant Time: May 24 05:47:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

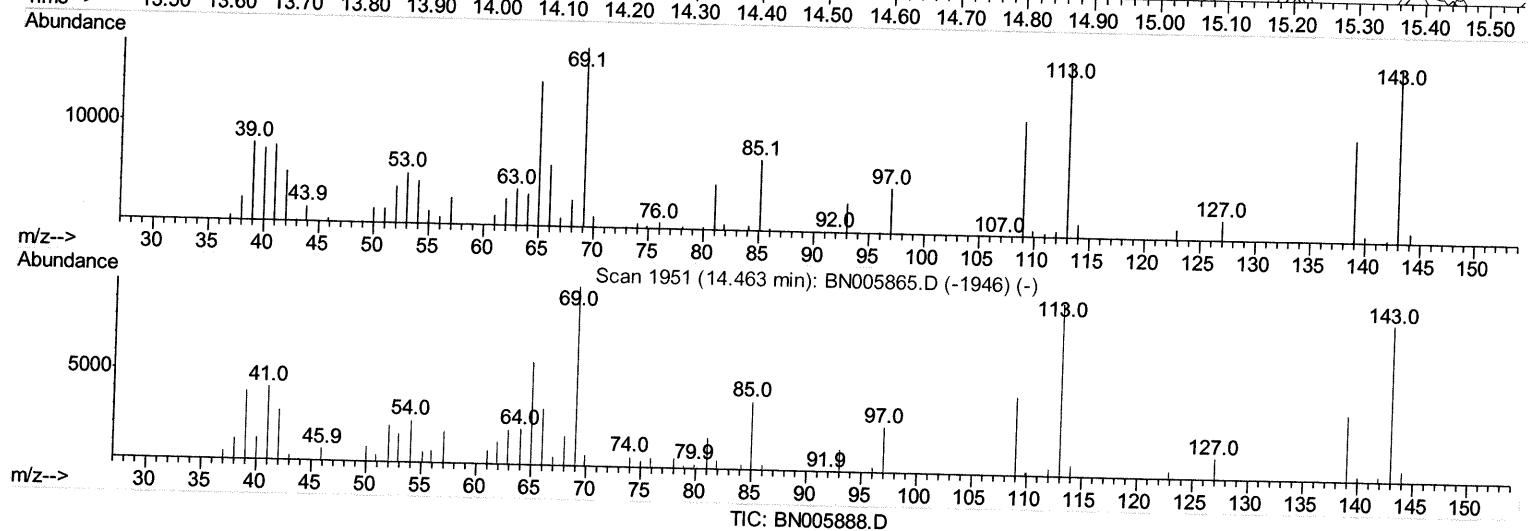
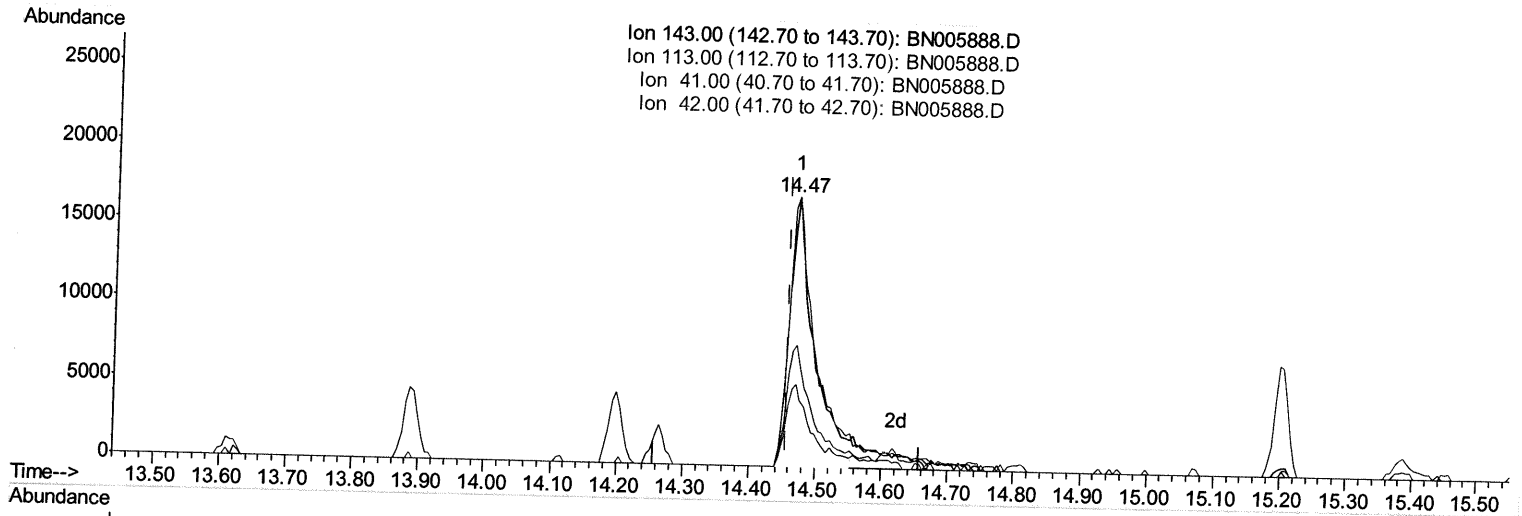
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Quant Time: May 24 05:35:09 2019
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(51) 4-Nitrophenol-d4 (S)

14.469min (+0.012) 21.17ng/ul

response 44374

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	99.81#
41.00	47.90	45.05
42.00	31.70	30.53

Quantitation Report (Qedit)

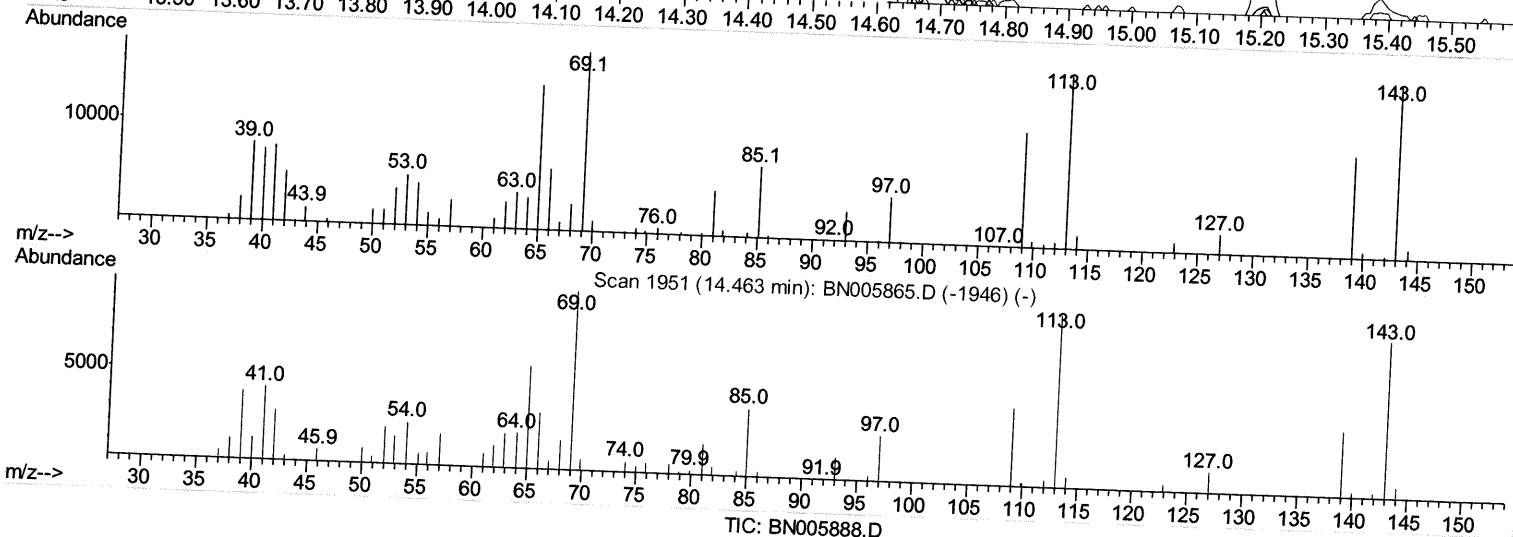
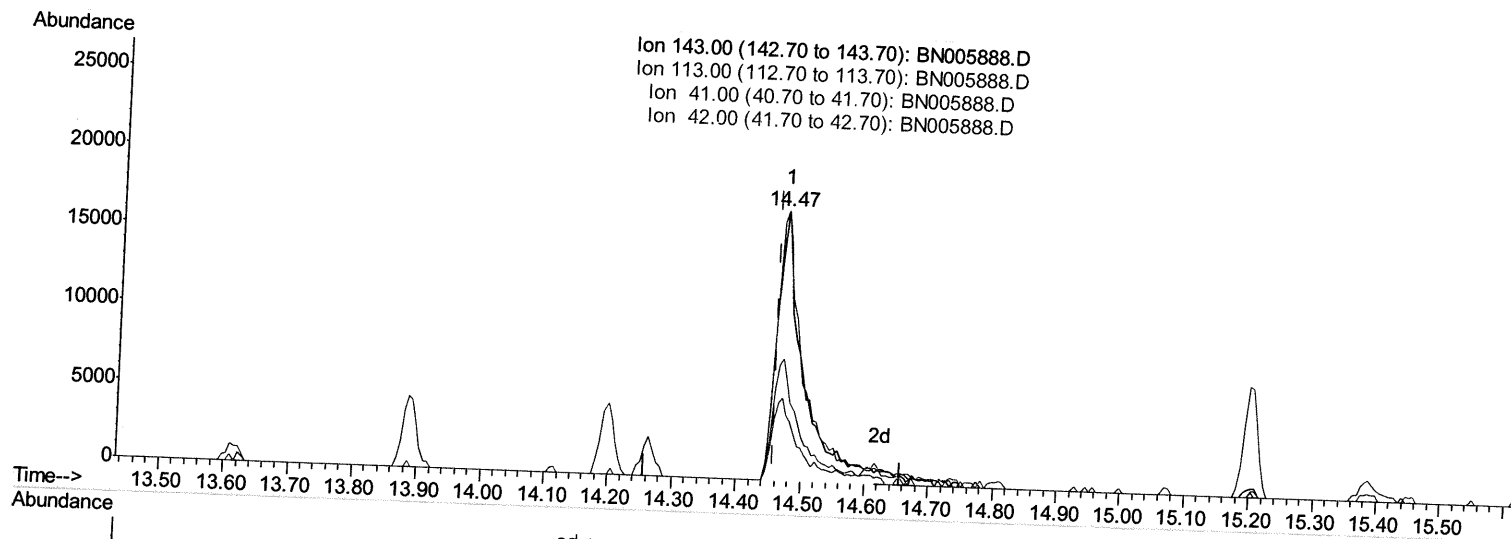
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A4263MSD

Manual Integrations
 APPROVED

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 5/24/2019 5:02:11 PM

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(51) 4-Nitrophenol-d4 (S)

14.469min (+0.012) 23.34ng/ul m *JU*
 05/24/19

response 48920

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	99.81#
41.00	47.90	45.05
42.00	31.70	30.53

Quantitation Report (Qedit)

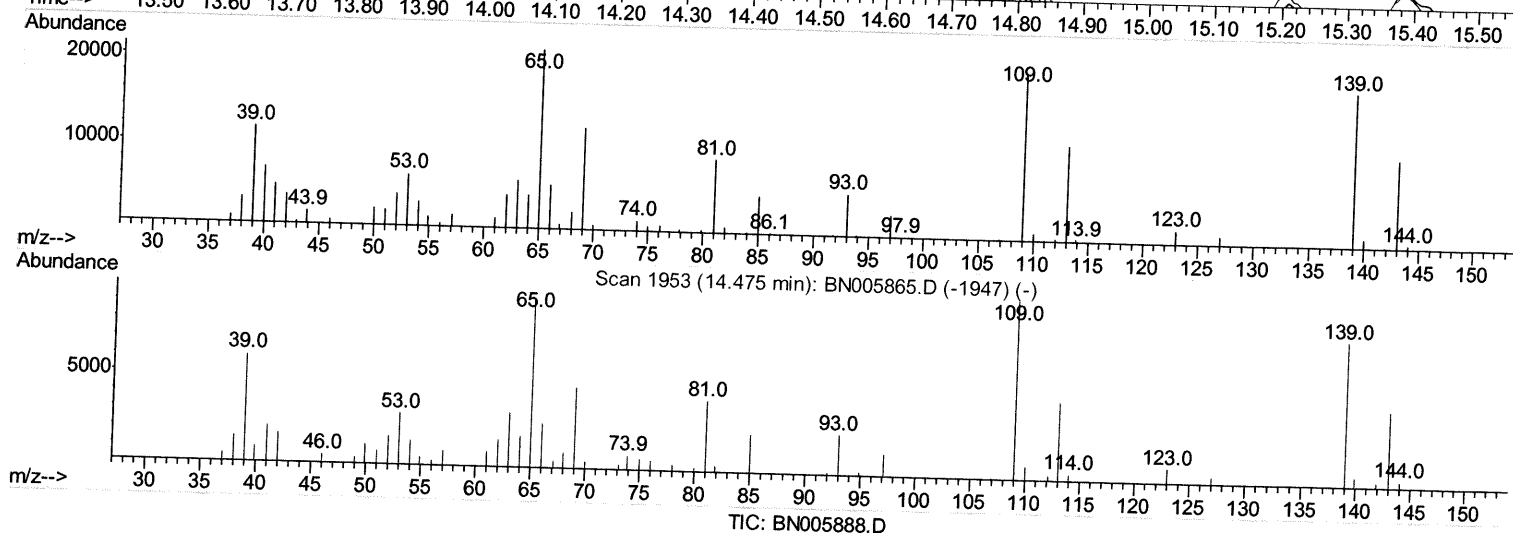
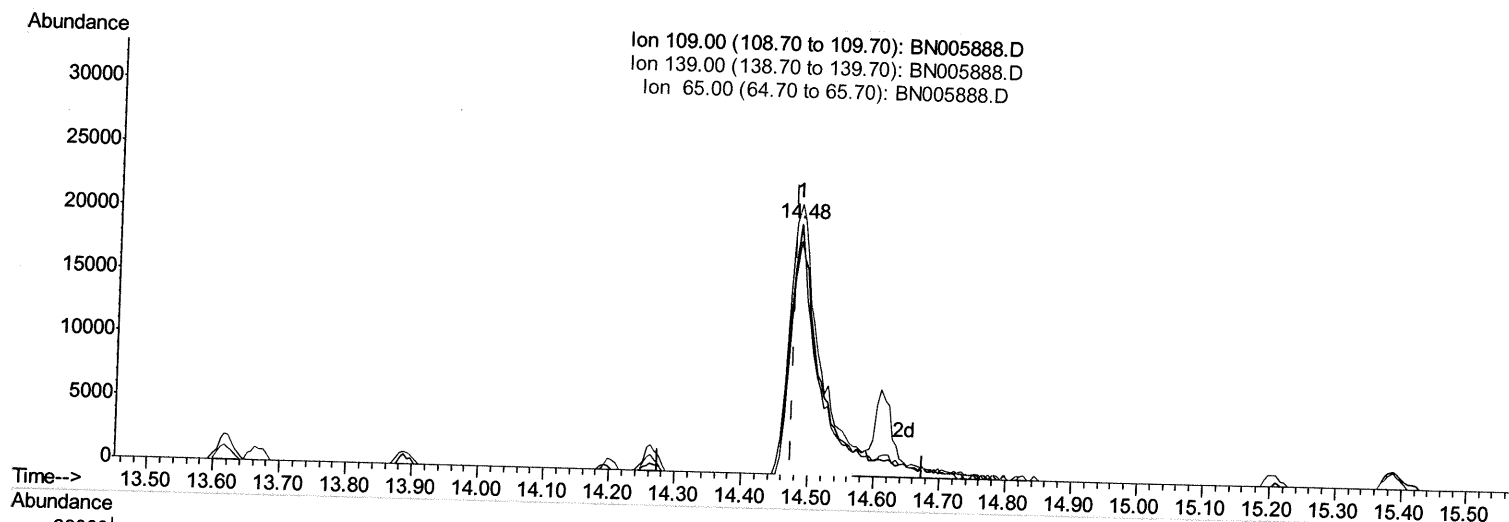
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Instrument :
BNA_N
ClientSampled :
A4263MSD

Manual Integrations
APPROVED

Sohil
5/24/2019 5:02:11 PM

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(52) 4-Nitrophenol

14.481min (+0.006) 28.48ng/ul

response 55752

Ion	Exp%	Act%
109.00	100	100
139.00	115.40	93.07
65.00	121.90	107.66
0.00	0.00	0.00

Quantitation Report (Qedit)

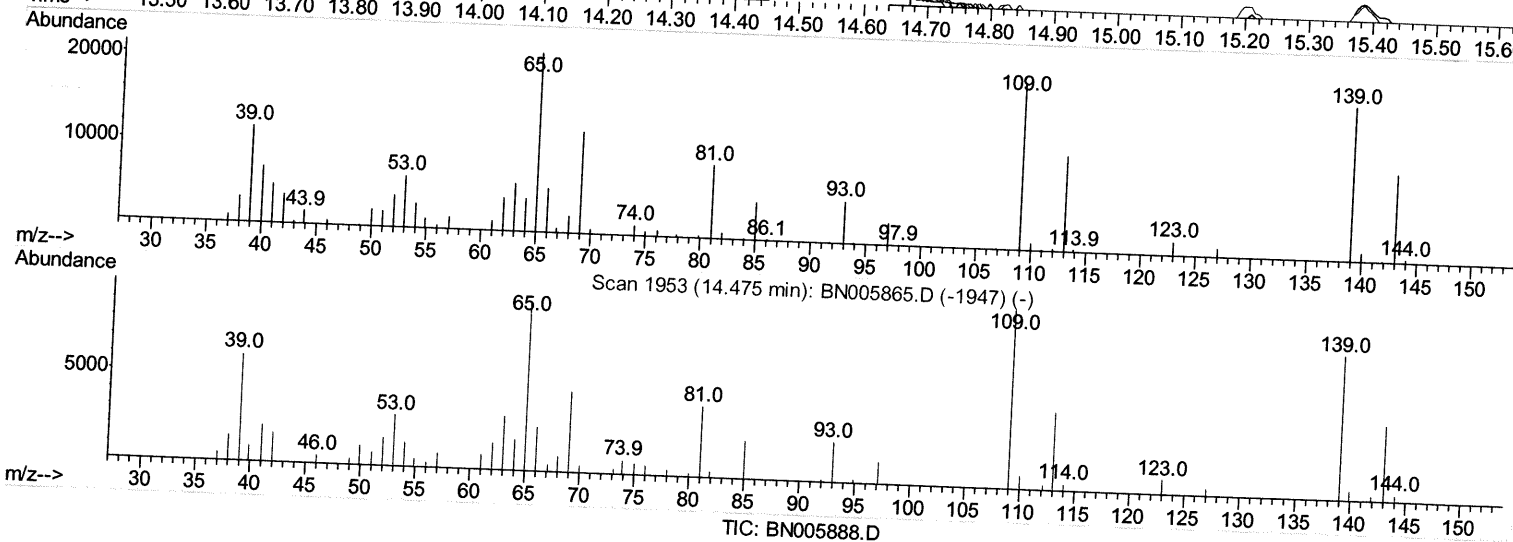
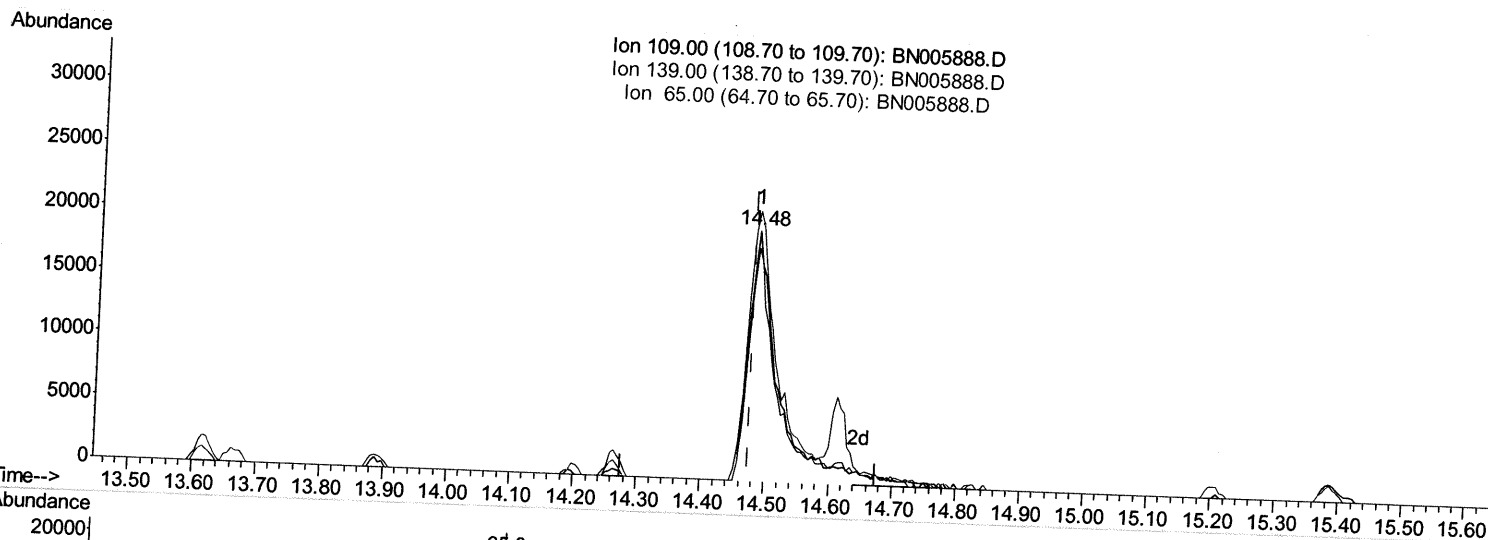
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A4263MSD

Manual Integrations
 APPROVED

Sohil
 5/24/2019 5:02:11 PM

Quant Time: May 24 05:35:09 2019
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(52) 4-Nitrophenol

14.481min (+0.006) 31.51ng/ul m *5/24/19*

response 61691

Ion	Exp%	Act%
109.00	100	100
139.00	115.40	93.07
65.00	121.90	107.66
0.00	0.00	0.00

Quantitation Report (Qedit)

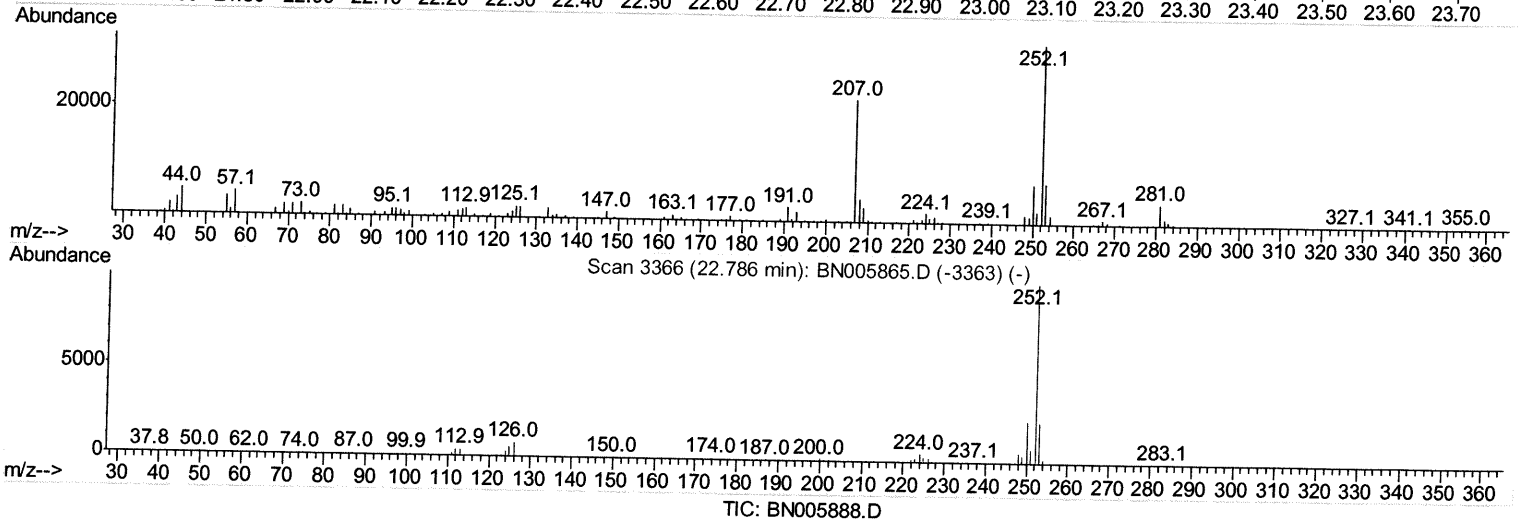
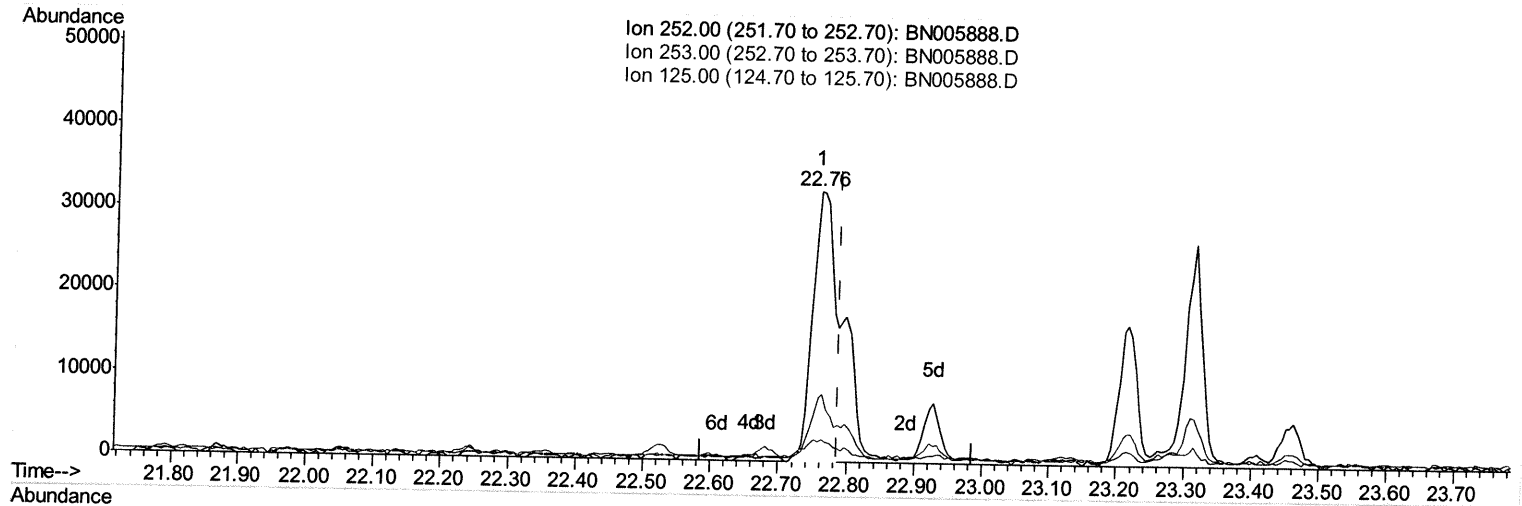
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 Operator : JU/SJ
 Sample : K2923-18MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4263MSD

Manual Integrations
 APPROVED

Sohil
 5/24/2019 5:02:11 PM

Quant Time: May 24 05:46:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.757min (-0.030) 2.54ng/ul

response 72672

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.46
125.00	9.40	7.38#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
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 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	65342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	285518	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	193388	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	494440	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	558637	20.00	ng/ul	0.01
85) Perylene-d12	23.40	264	537544	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	6151	5.27	ng/uL	0.00
5) Phenol-d5	6.76	99	131583	26.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	75415	28.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	117128	28.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	96437	22.33	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	59567	28.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	65408	27.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	130621	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	126217	24.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	472635	31.76	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	562101	31.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	48920m	23.34	ng/ul	0.01
57) Fluorene-d10	15.20	176	421588	32.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	24646	8.29	ng/ul	0.02
70) Anthracene-d10	17.06	188	703465	32.93	ng/ul	0.00
78) Pyrene-d10	19.38	212	955572	34.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	880187	36.50	ng/ul	0.01

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.79	94	150002	29.140	ng/ul	91
10) 2-Chlorophenol	7.13	128	120555	29.318	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.36	70	97886	29.319	ng/ul	95
33) 4-Chloro-3-methylphenol	11.65	107	138740	27.911	ng/ul	97
44) Dimethylphthalate	13.67	163	135580	9.241	ng/ul	99
49) Acenaphthene	14.26	153	392262	33.253	ng/ul	98
52) 4-Nitrophenol	14.48	109	61691m	31.512	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	149098	32.185	ng/ul	98
68) Pentachlorophenol	16.63	266	74956	27.970	ng/ul	98
69) Phenanthrene	17.00	178	27872	1.137	ng/ul	99
76) Fluoranthene	19.05	202	142192	4.693	ng/ul#	89
79) Pyrene	19.41	202	1345190	39.212	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	71474	2.031	ng/ul	95
84) Chrysene	21.24	228	66986	2.019	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	72672	2.457	ng/ul#	95
90) Benzo(a)pyrene	23.32	252	46204	1.613	ng/ul	98

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