

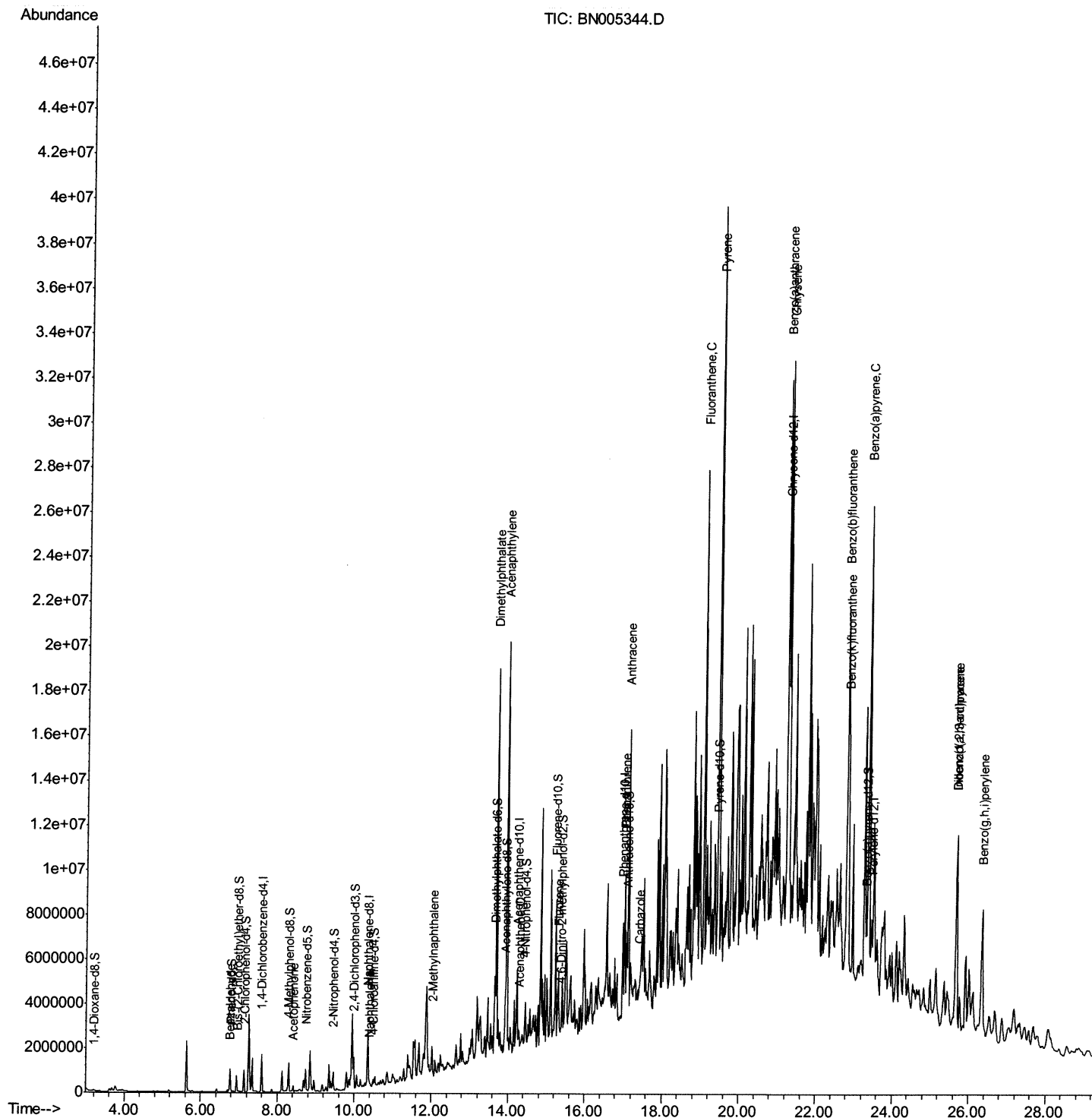
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHQ0

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:19 PM

Quant Time: Apr 29 09:43:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

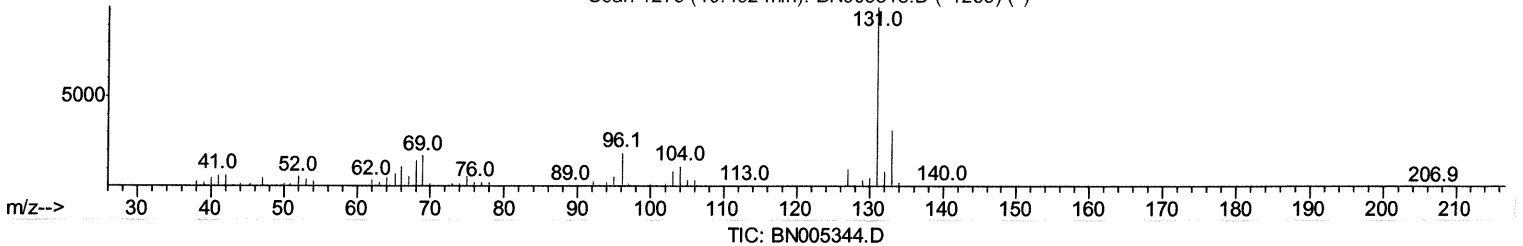
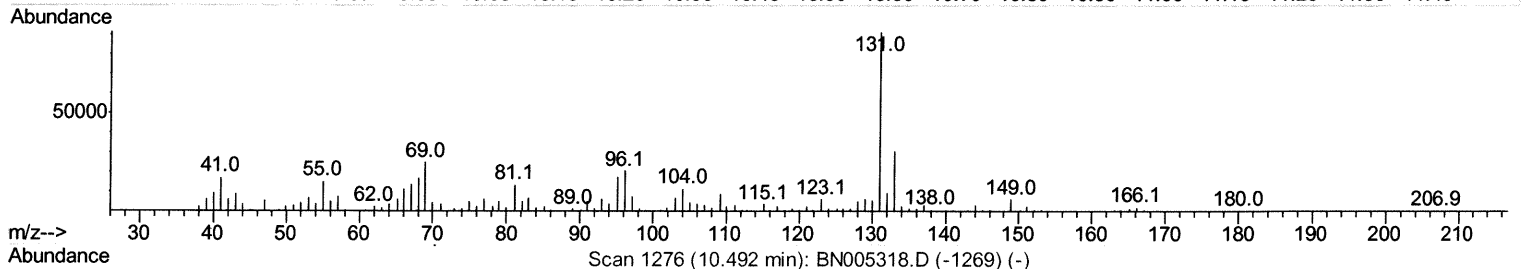
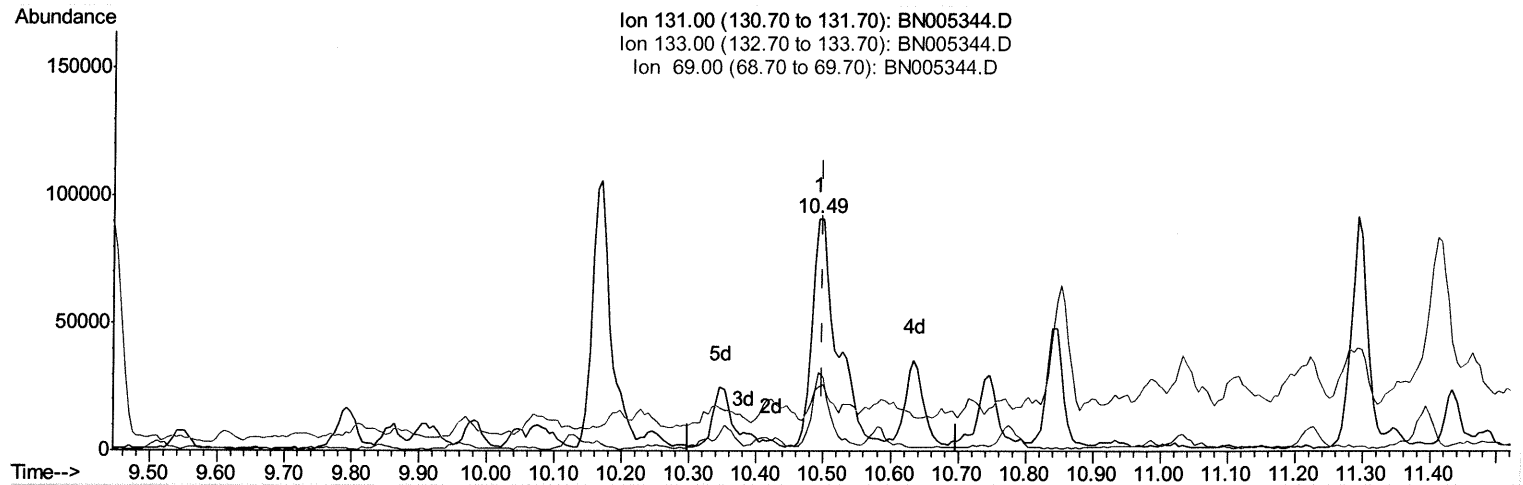
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(29) 4-Chloroaniline-d4 (S)

10.493min (-0.006) 6.49ng/ul

response 180845

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	33.61
69.00	18.90	27.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

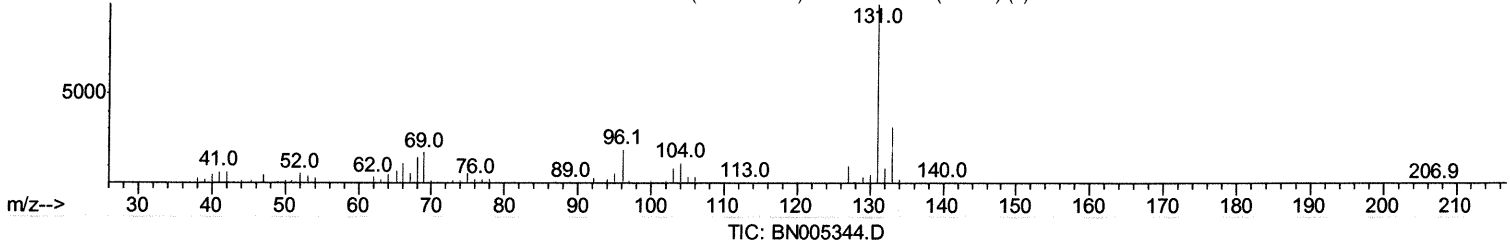
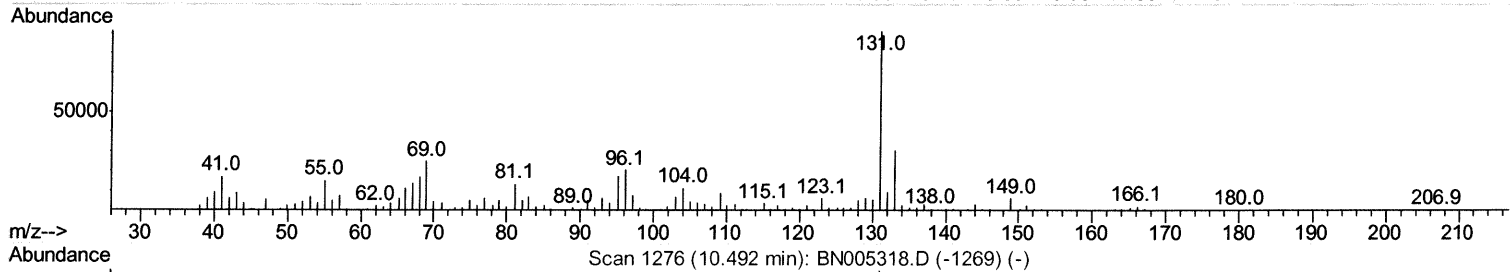
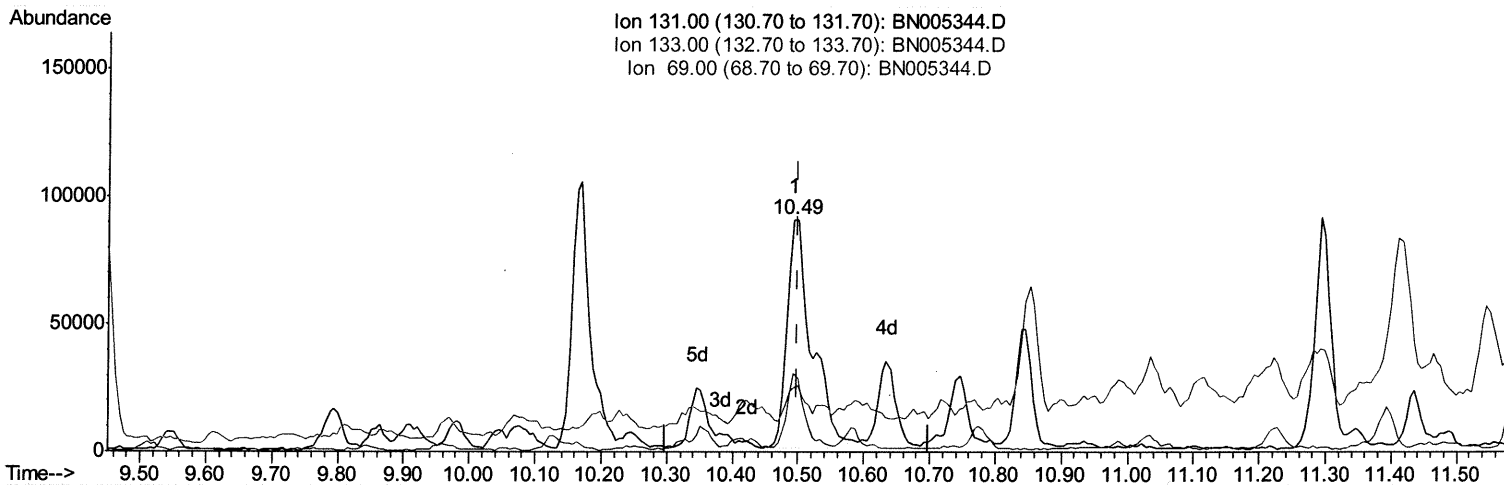
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHQ0

Manual Integrations
 APPROVED

Sohil
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(29) 4-Chloroaniline-d4 (S)

10.493min (-0.006) 8.45ng/ul m *5504/30/19*

response 235503

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	33.61
69.00	18.90	27.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

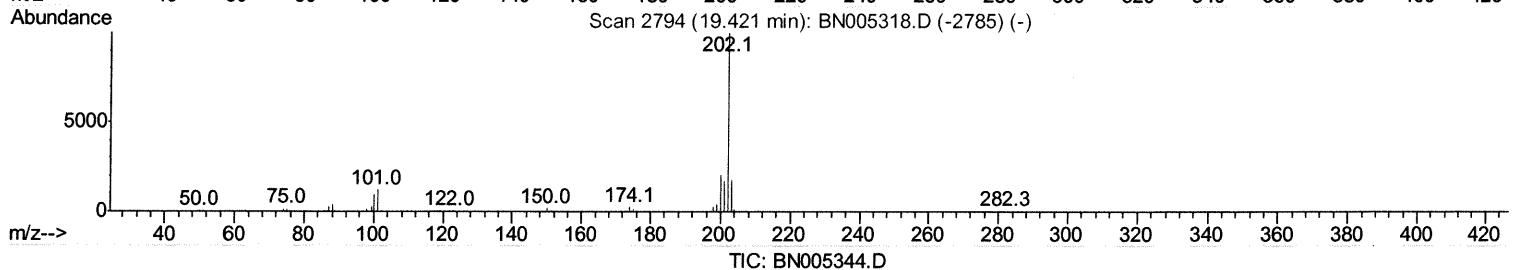
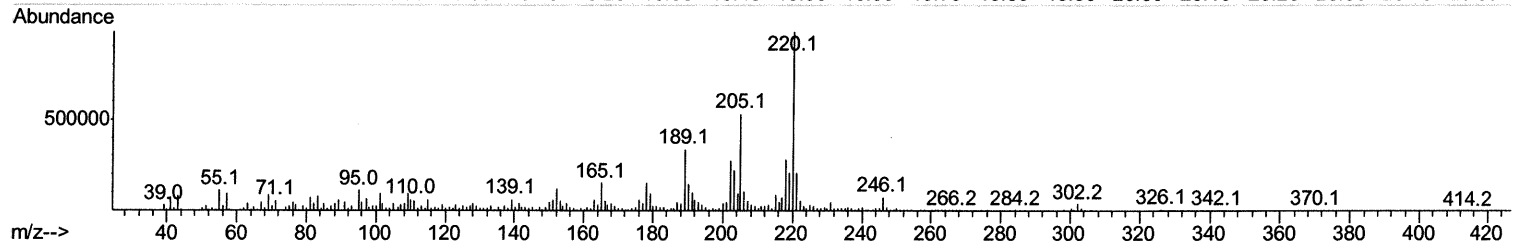
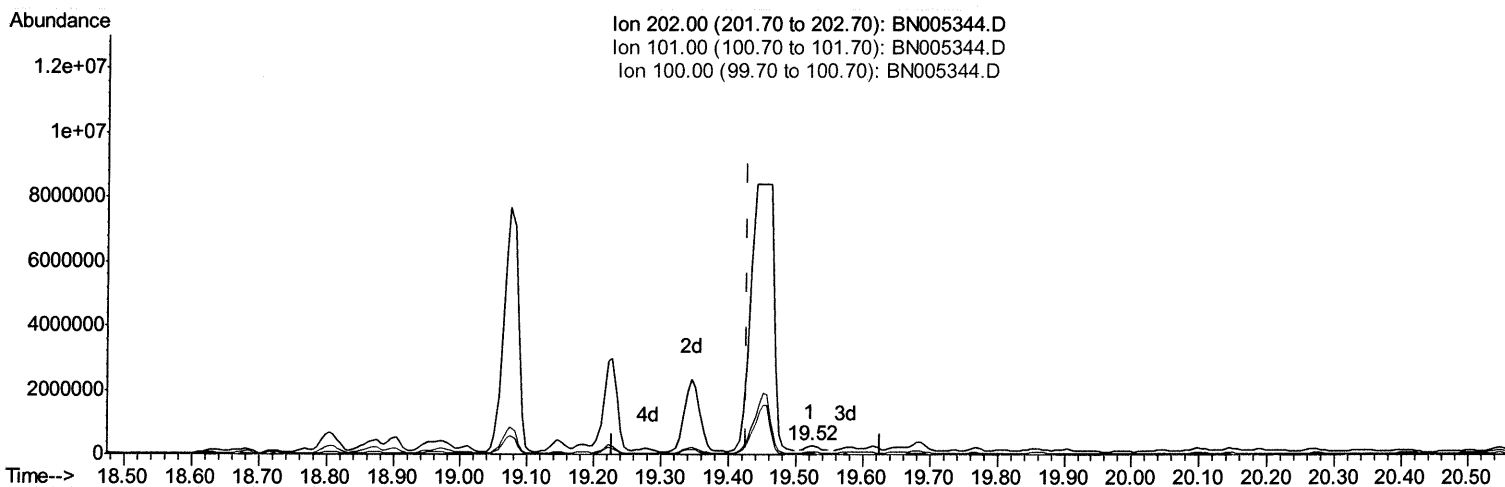
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(79) Pyrene

19.522min (+0.094) 2.13ng/ul

response 239599

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	34.27#
100.00	9.90	8.69
0.00	0.00	0.00

Quantitation Report (Qedit)

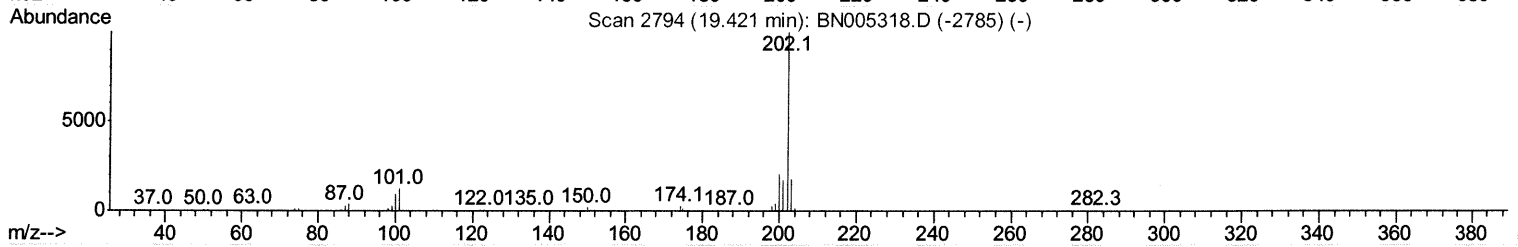
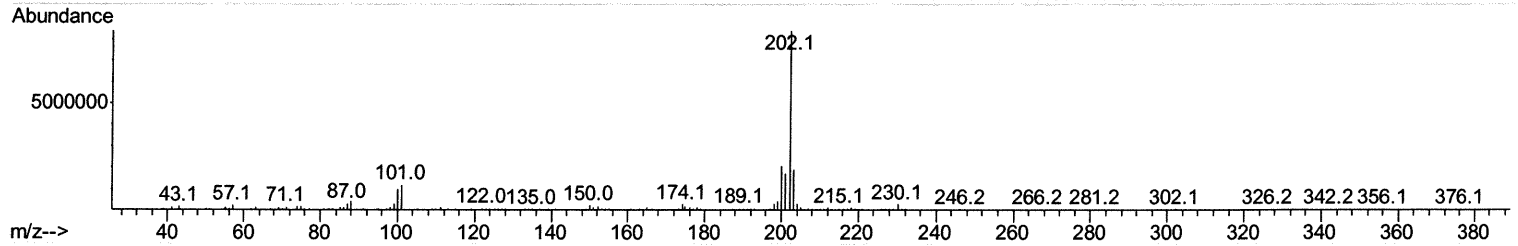
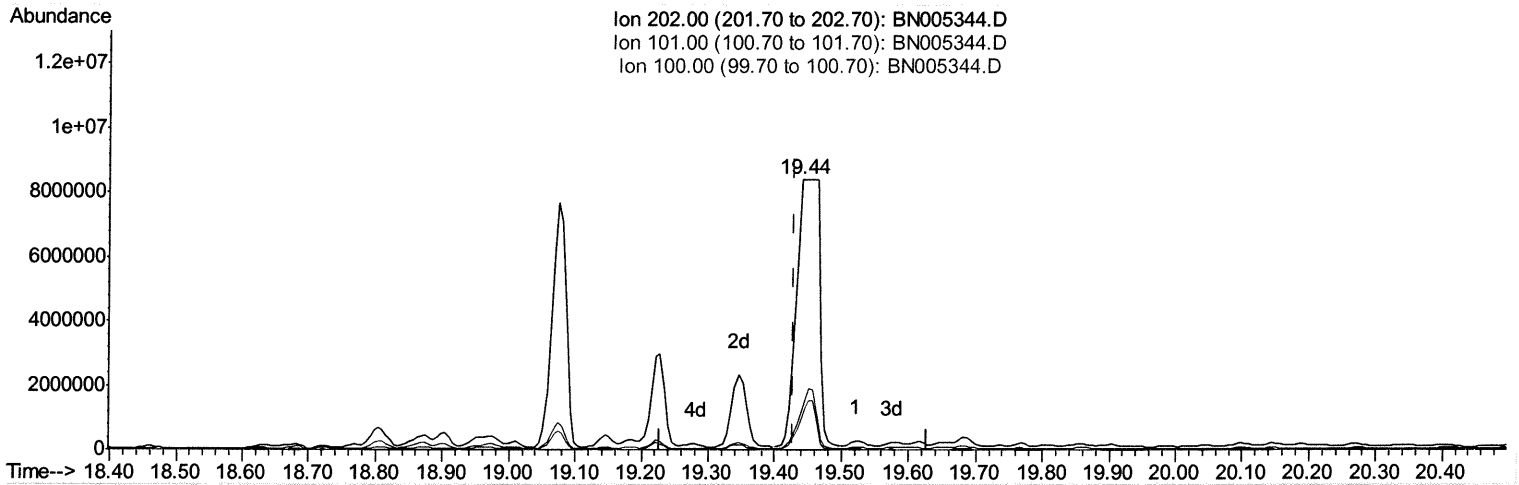
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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TIC: BN005344.D

(79) Pyrene

19.439min (+0.012) 174.26ng/ul m

ST 04/30/19

response 19575261

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	14.01
100.00	9.90	11.38
0.00	0.00	0.00

Quantitation Report (Qedit)

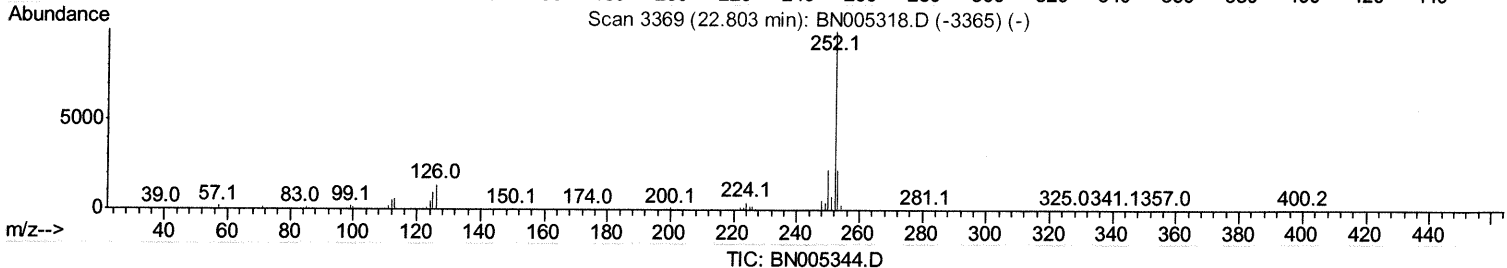
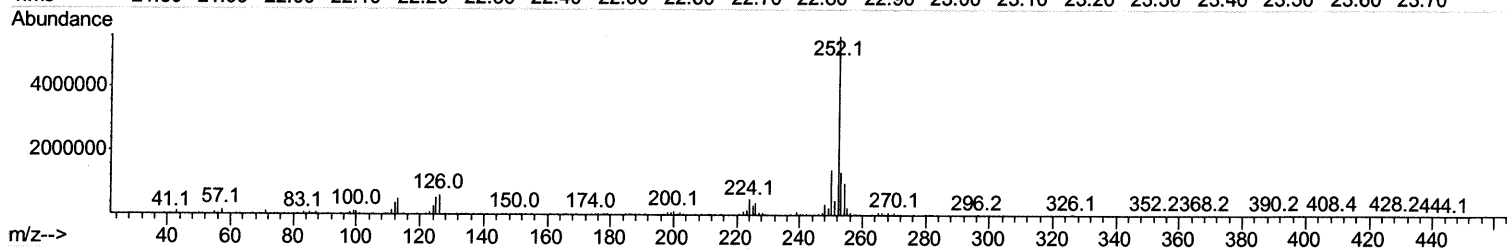
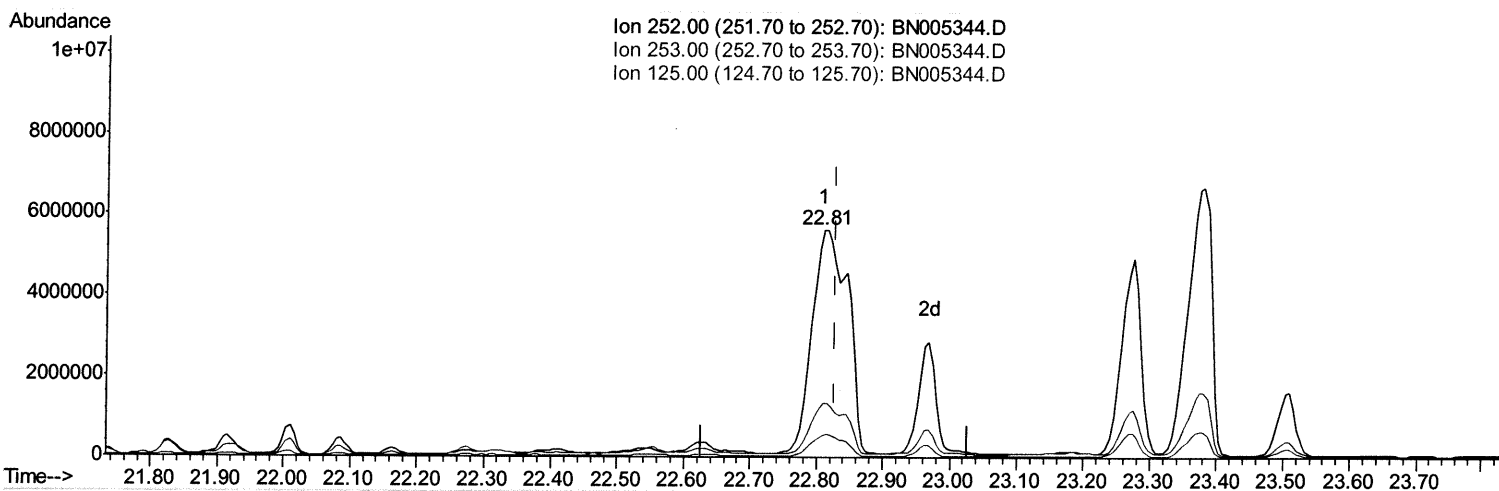
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 Sample : K2456-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 GAHQ0

Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.810min (-0.017) 133.87ng/ul

response 14931956

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.02
125.00	9.40	9.73
0.00	0.00	0.00

Quantitation Report (Qedit)

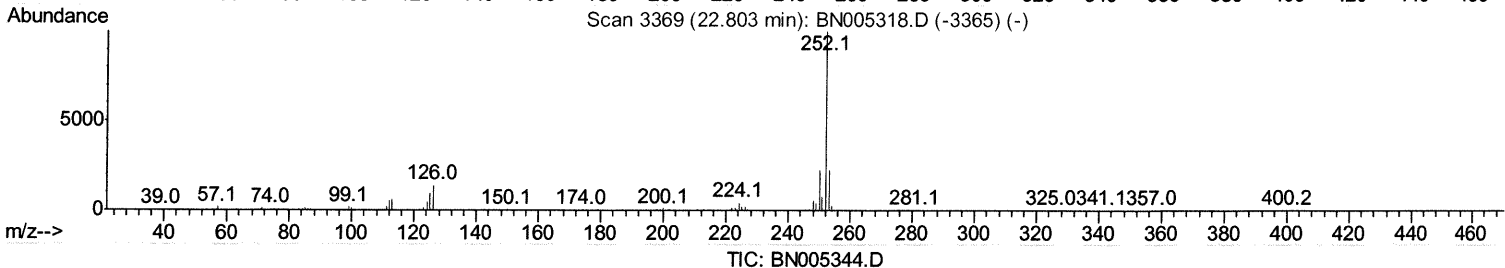
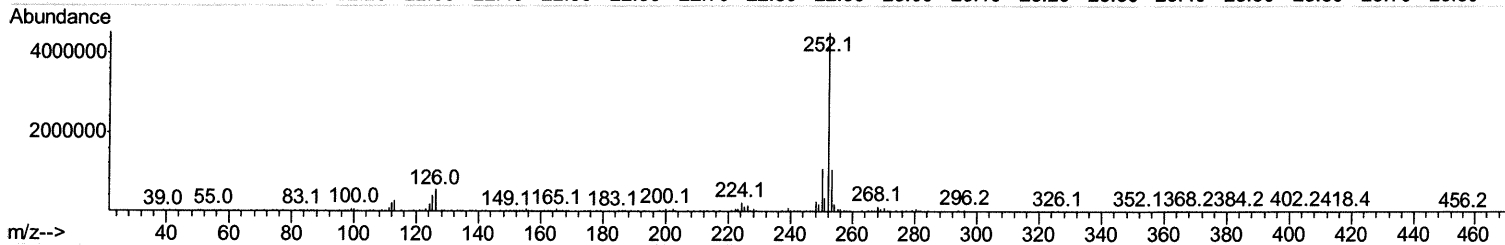
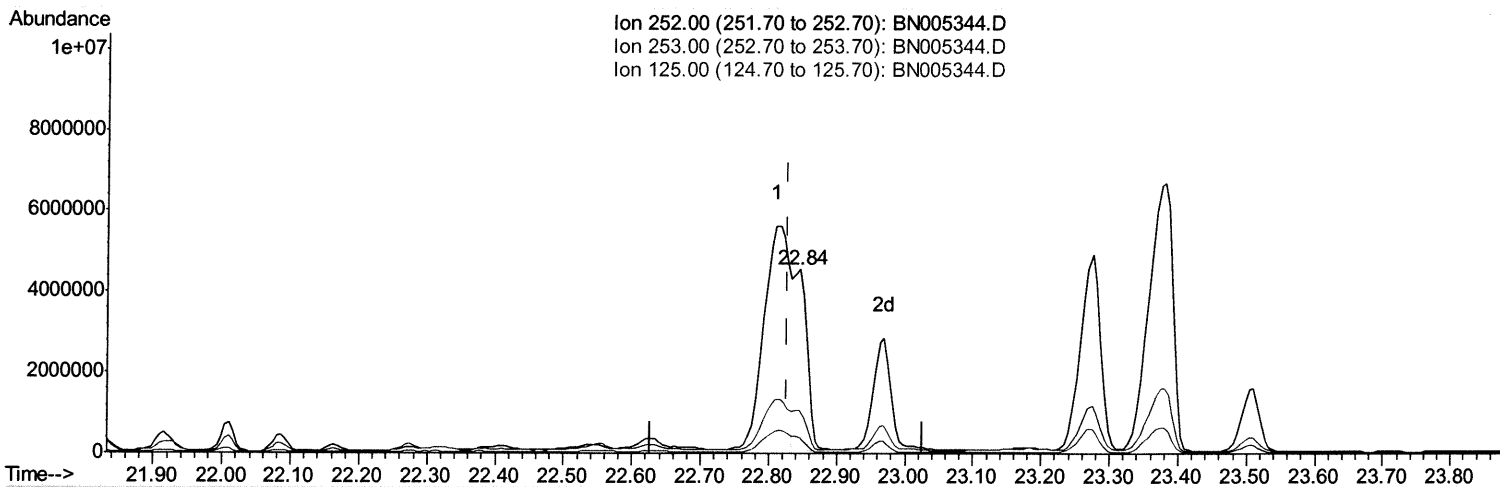
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:19 PM

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(88) Benzo(k)fluoranthene

22.845min (+0.018) 51.09ng/ul m⁵ 04/30/19

response 5698327

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.54
125.00	9.40	8.77
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	445695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1890111	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1159471	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2571610	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1744714	20.00	ng/ul	0.01
85) Perylene-d12	23.46	264	2077602	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	22979	2.49	ng/uL	0.00
5) Phenol-d5	6.78	99	565661	16.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	332088	15.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	463878	17.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	474167	17.33	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	241916	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	270178	22.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	493987	18.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	235503m)	8.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1487096	17.67	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1836356	17.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	270360	20.34	ng/ul	0.01
57) Fluorene-d10	15.23	176	1297415	18.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	51457	4.45	ng/ul	0.01
70) Anthracene-d10	17.09	188	2028969	18.82	ng/ul	0.00
78) Pyrene-d10	19.41	212	1915582	21.46	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.32	264	1569512	17.29	ng/ul	0.01

SJ 04/30/19

Target Compounds

				Ovalue	
4) Benzaldehyde	6.75	77	27890	1.124	ng/ul# 52
14) Acetophenone	8.40	105	148038	3.380	ng/ul 98
28) Naphthalene	10.40	128	88679	1.009	ng/ul# 81
34) 2-Methylnaphthalene	12.03	142	473439	7.359	ng/ul 98
44) Dimethylphthalate	13.70	163	408101	4.866	ng/ul 96
47) Acenaphthylene	13.96	152	14040891	138.207	ng/ul 95
49) Acenaphthene	14.29	153	236964	3.417	ng/ul# 94
58) Fluorene	15.31	166	1399160	17.956	ng/ul# 55
69) Phenanthrene	17.03	178	4161090	33.225	ng/ul 99
71) Anthracene	17.13	178	8786507	68.869	ng/ul 99
74) Carbazole	17.40	167	140514	1.282	ng/ul# 38
76) Fluoranthene	19.07	202	11303996	81.373	ng/ul 99
79) Pyrene	19.44	202	19575261m)	174.255	ng/ul → 99
82) Benzo(a)anthracene	21.22	228	13727487)	126.475	ng/ul# 77
84) Chrysene	21.28	228	15078137	149.682	ng/ul# 91
87) Benzo(b)fluoranthene	22.81	252	14931956	127.856	ng/ul 97
88) Benzo(k)fluoranthene	22.84	252	5698327m)	51.088	ng/ul → 97
90) Benzo(a)pyrene	23.38	252	16232529	147.871	ng/ul 95
91) Indeno(1,2,3-cd)pyrene	25.67	276	8298024	68.371	ng/ul 96
92) Dibenzo(a,h)anthracene	25.67	278	3329529	32.325	ng/ul 95
93) Benzo(a,h,i)perylene	26.35	276	7096670	70.716	ng/ul 95

SJ 04/30/19

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

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