

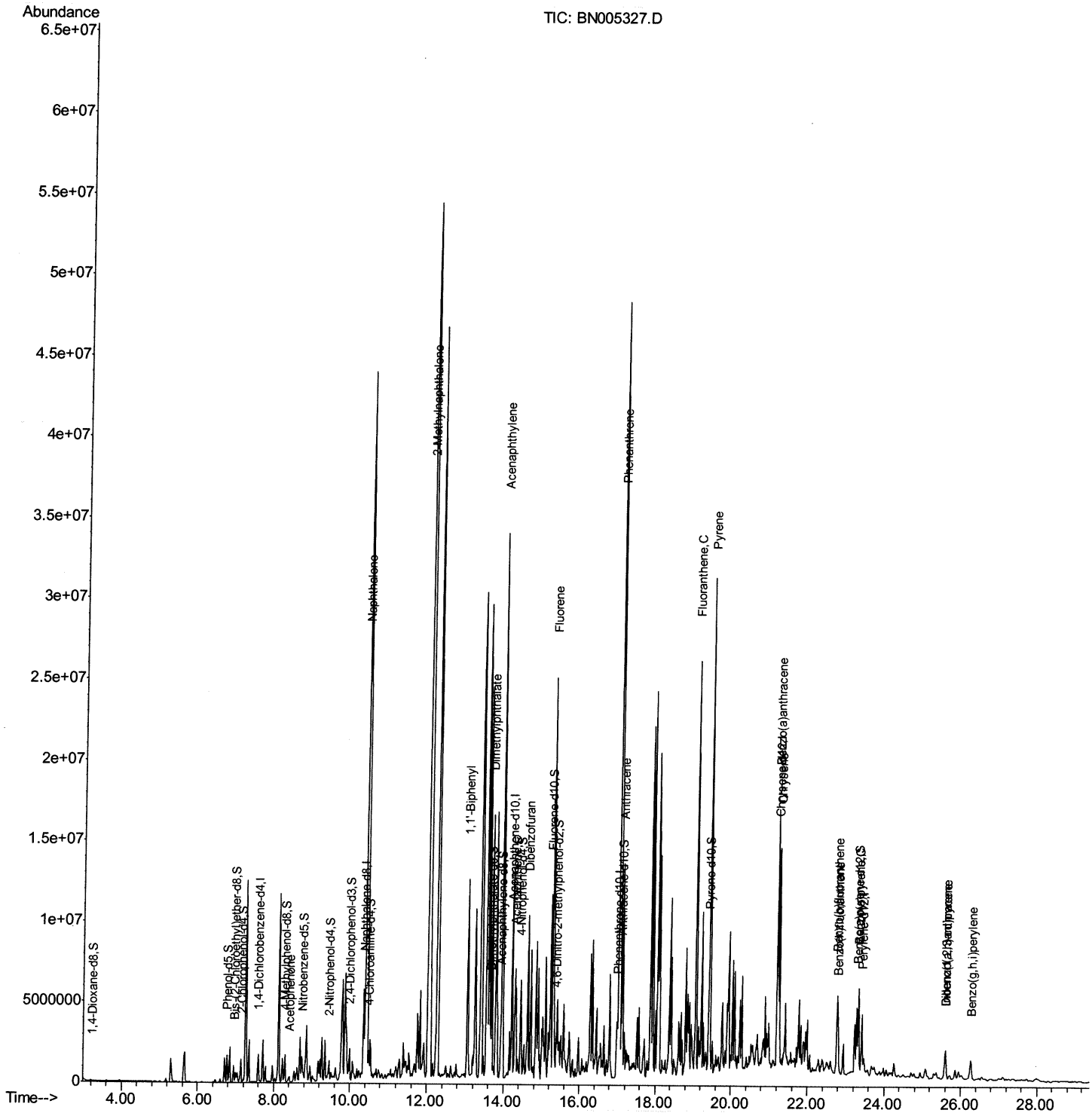
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005327.D
Acq On : 26 Apr 2019 21:38
Operator : JU/SJ
Sample : K2455-05ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Manual Integrations
APPROVED

Sohil
4/29/2019 1:43:27 PM

Quant Time: Apr 27 00:46:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

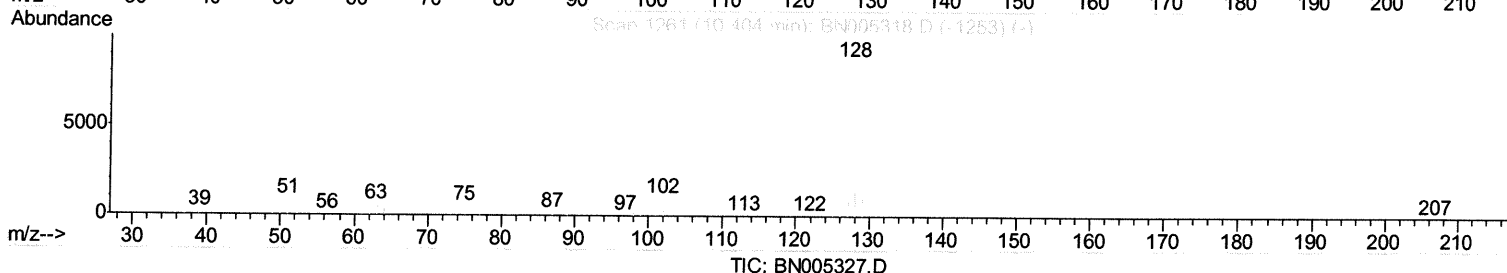
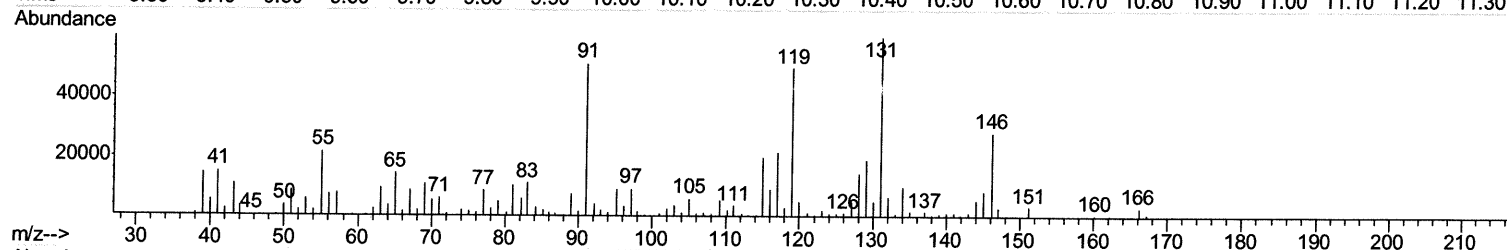
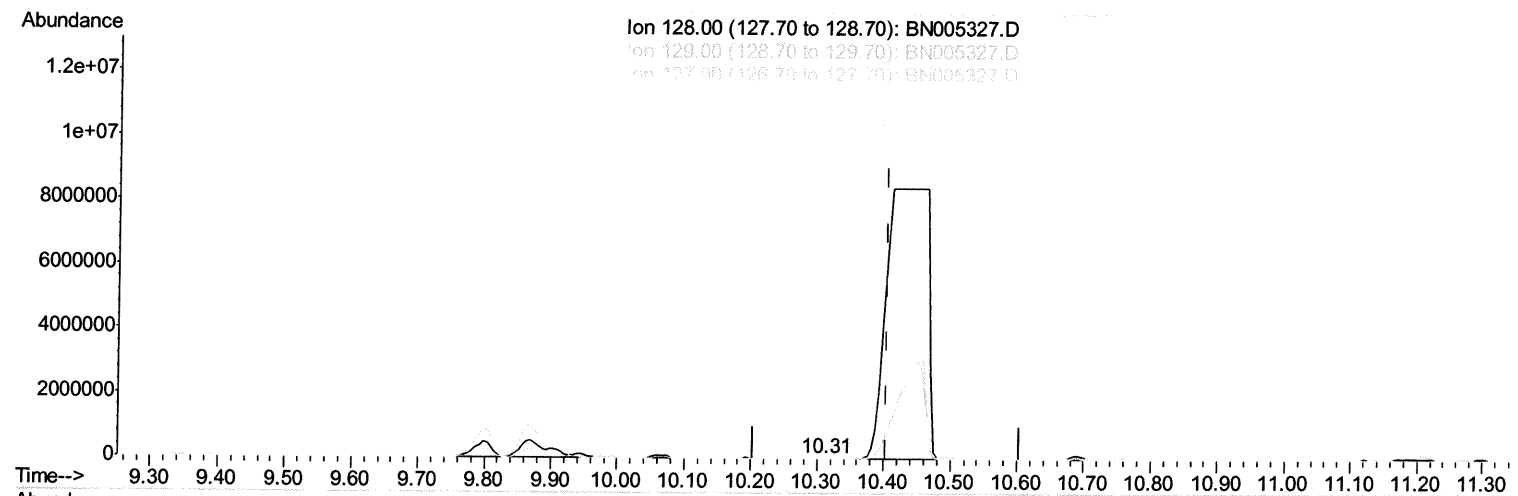
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
 Acq On : 26 Apr 2019 21:38
 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
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 BNA_N
 ClientSampleId :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

Quant Time: Apr 26 23:32:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration



(28) Naphthalene

10.310min (-0.094) 0.28ng/ul

response 25354

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	131.59#
127.00	13.40	36.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

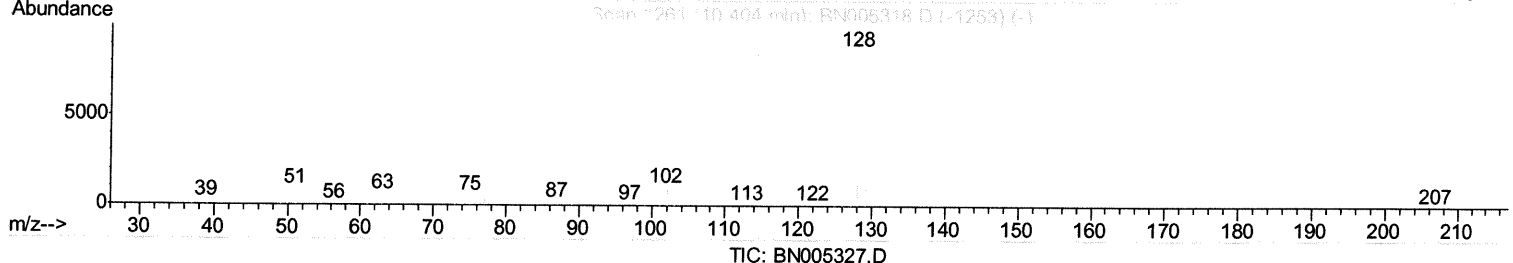
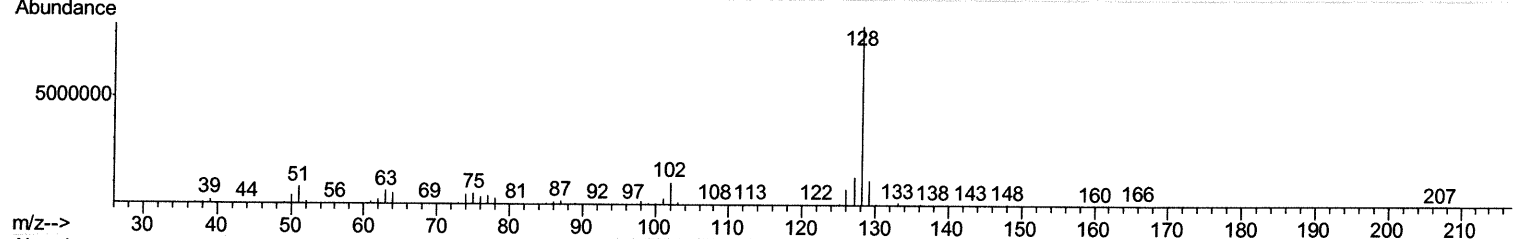
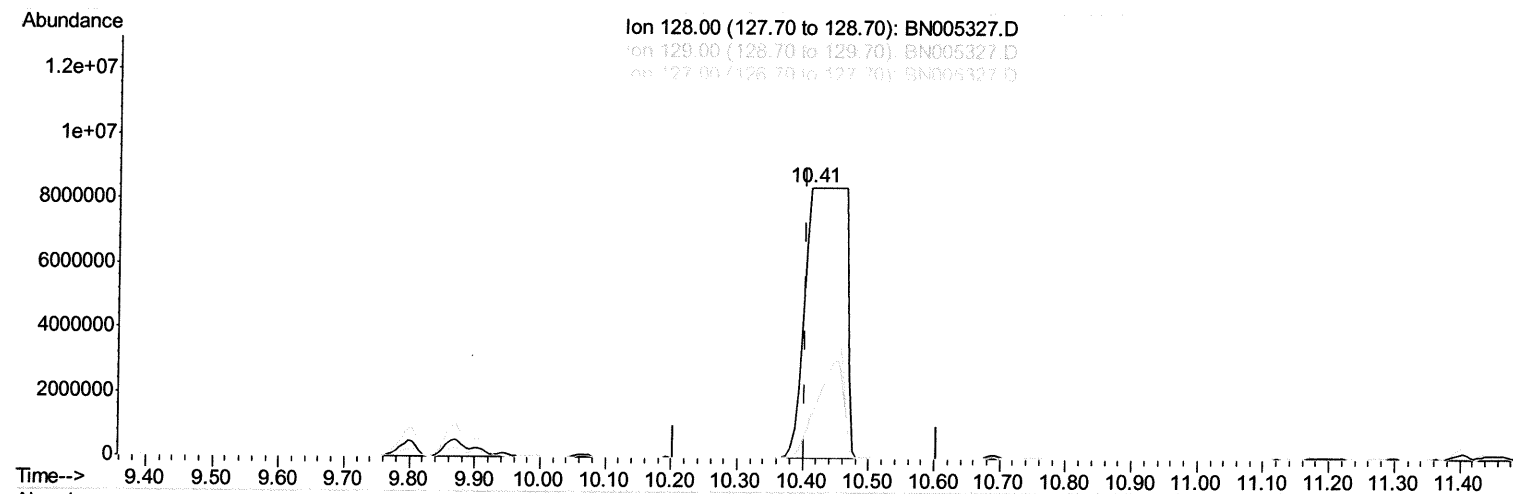
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
 Acq On : 26 Apr 2019 21:38
 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration



(28) Naphthalene

10.410min (+0.006) 393.06ng/ul m *SS 04/30/19*

response 35689445

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	13.93#
127.00	13.40	15.76
0.00	0.00	0.00

Quantitation Report (Qedit)

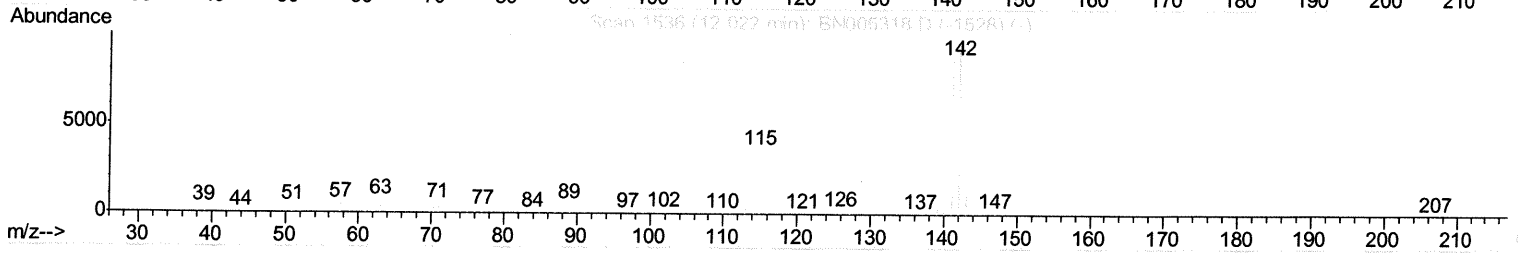
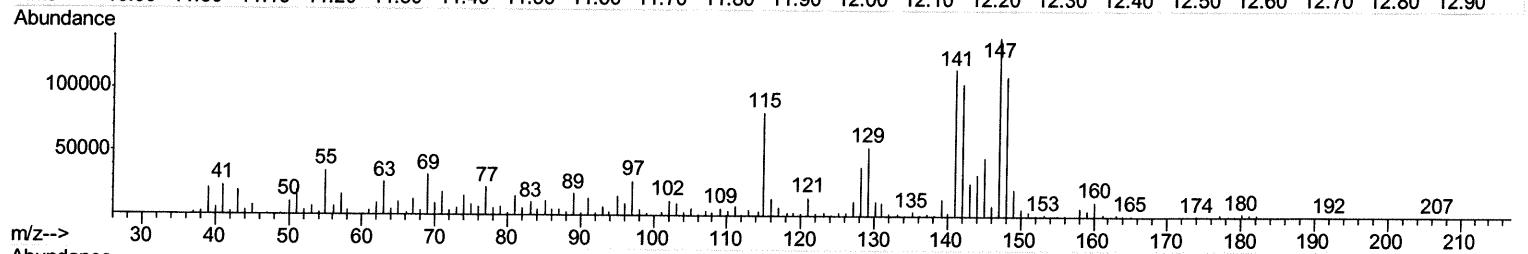
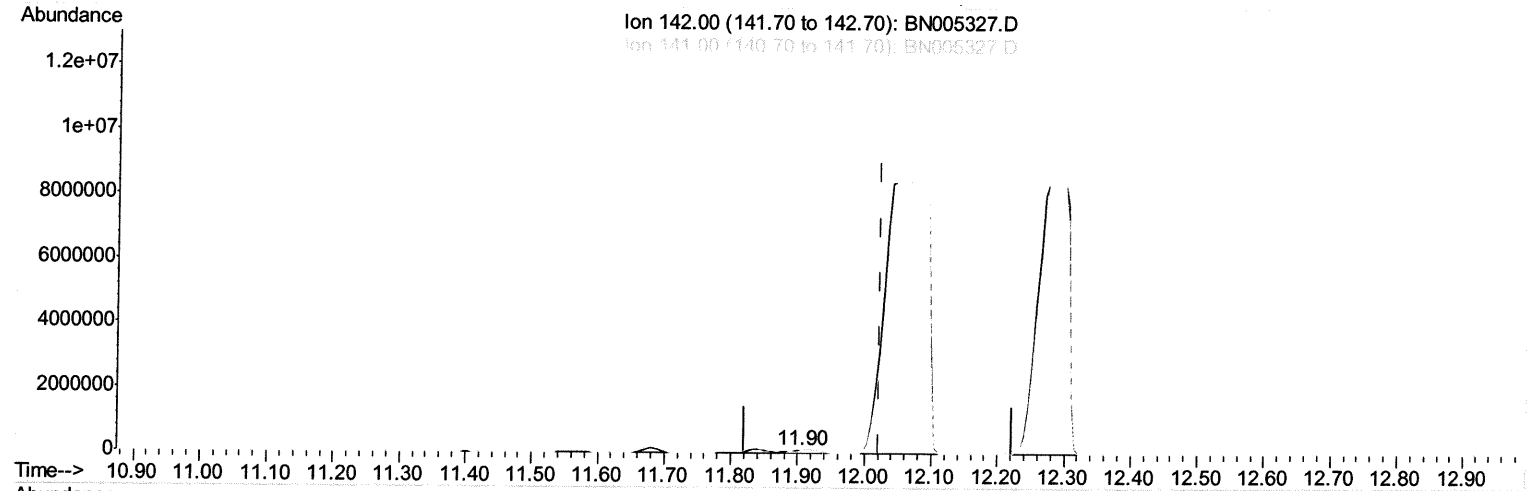
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
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Manual Integrations
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(34) 2-Methylnaphthalene

11.904min (-0.117) 4.54ng/ul

response 301828

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	110.82#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

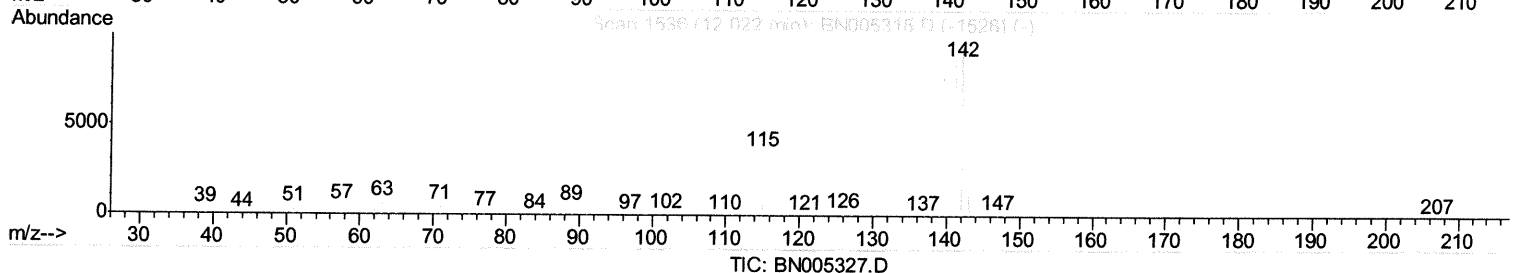
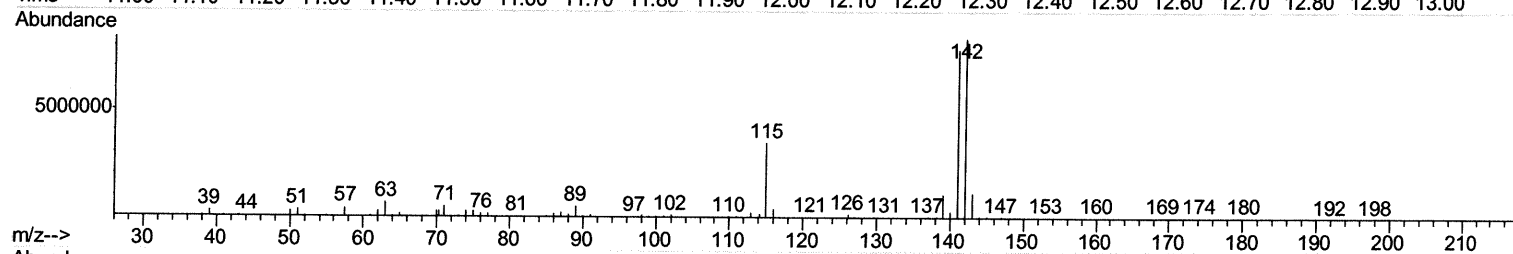
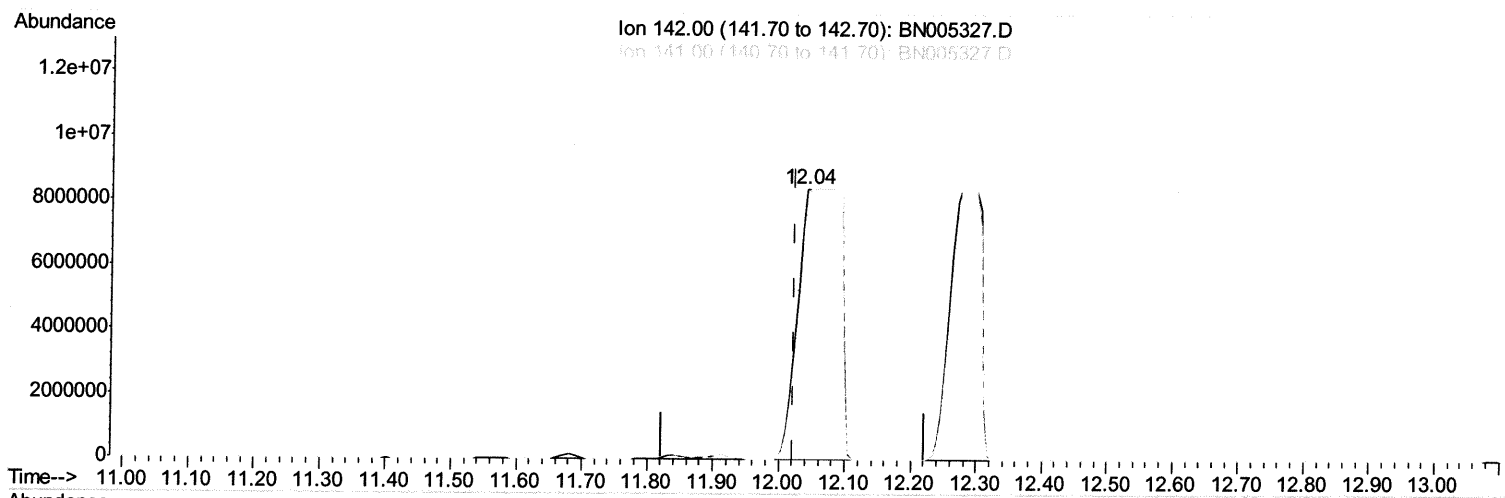
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005327.D
Acq On : 26 Apr 2019 21:38
Operator : JU/SJ
Sample : K2455-05ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHQ7ME

Manual Integrations
APPROVED

Sohil
4/29/2019 1:43:27 PM

Quant Time: Apr 26 23:32:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration



TIC: BN005327.D

(34) 2-Methylnaphthalene

12.040min (+0.018) 565.62ng/ul m *SS* 04/29/19

response 37604854

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	93.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

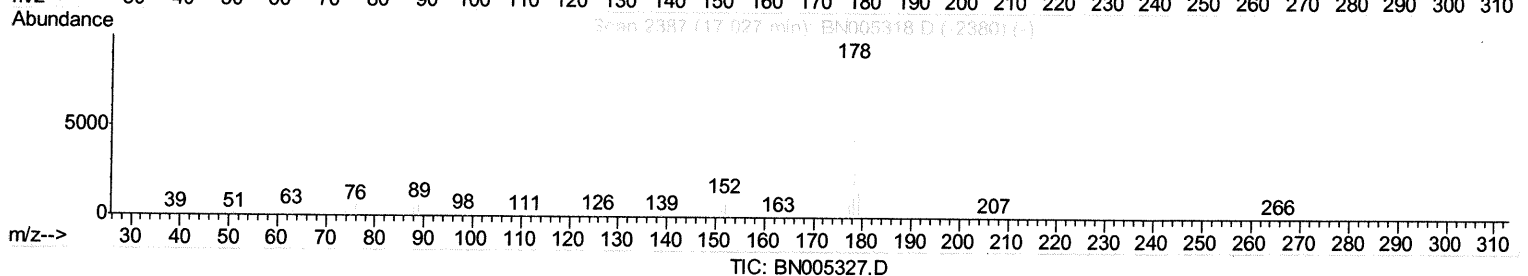
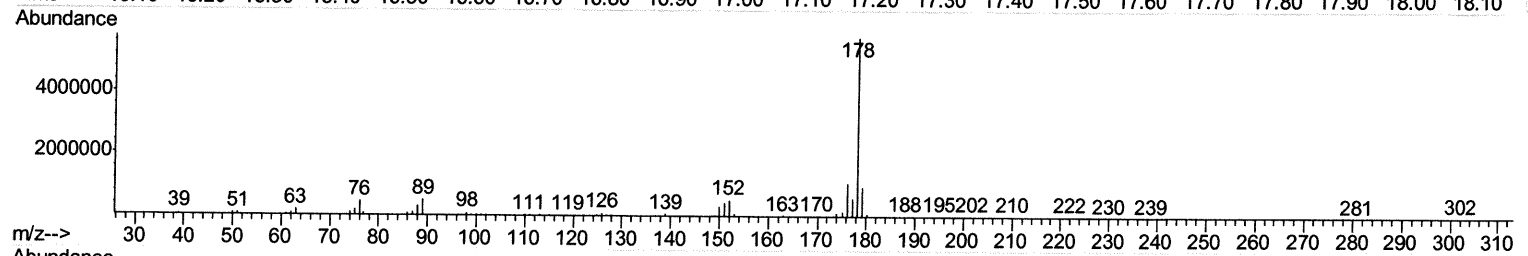
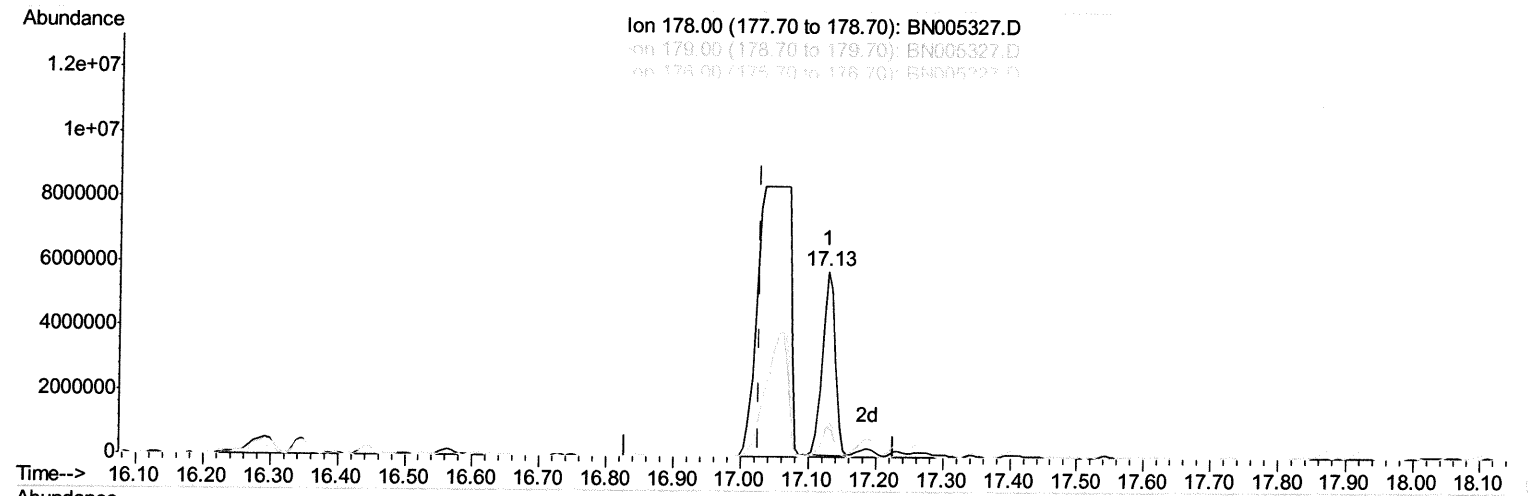
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(69) Phenanthrene

17.128min (+0.100) 53.77ng/ul

response 7651856

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.25
176.00	18.90	18.73
0.00	0.00	0.00

Quantitation Report (Qedit)

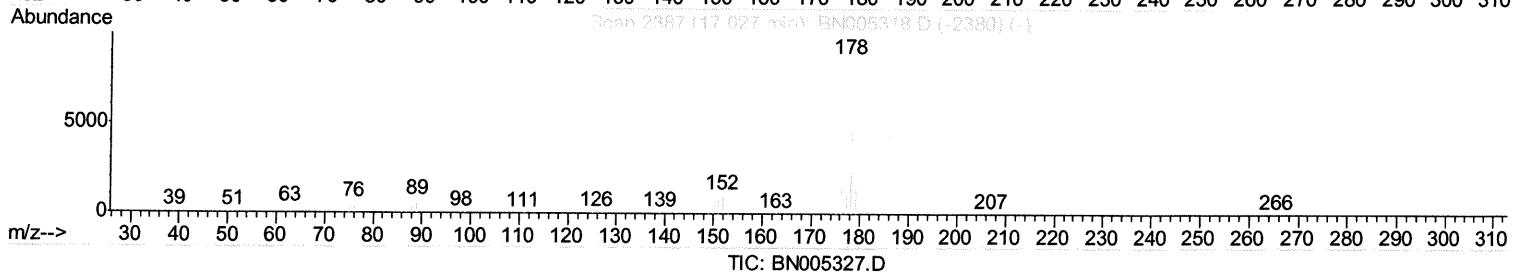
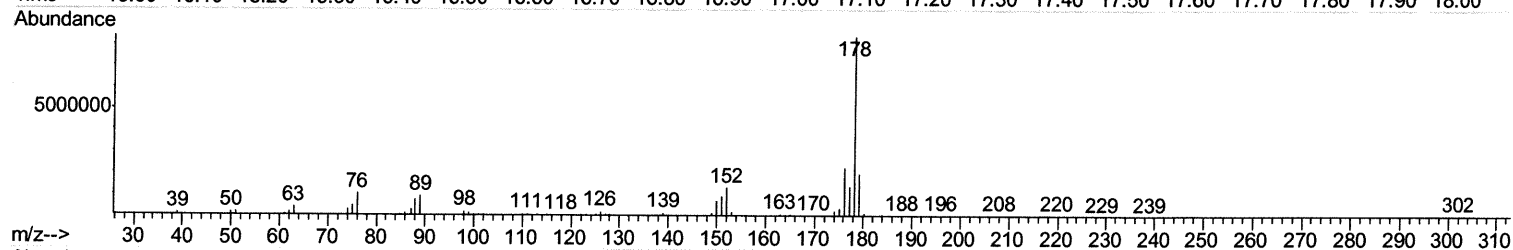
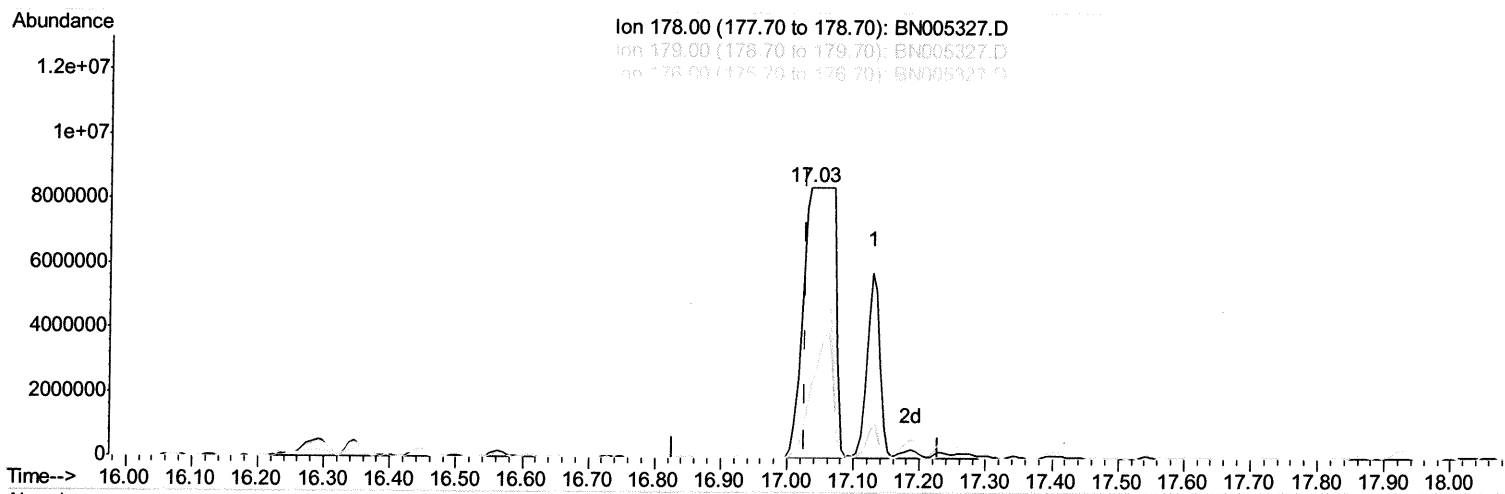
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
 Acq On : 26 Apr 2019 21:38
 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

Quant Time: Apr 26 23:32:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration



(69) Phenanthrene

17.033min (+0.006) 194.89ng/ul m *SJou/30/19*

response 27731857

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	23.15#
176.00	18.90	26.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

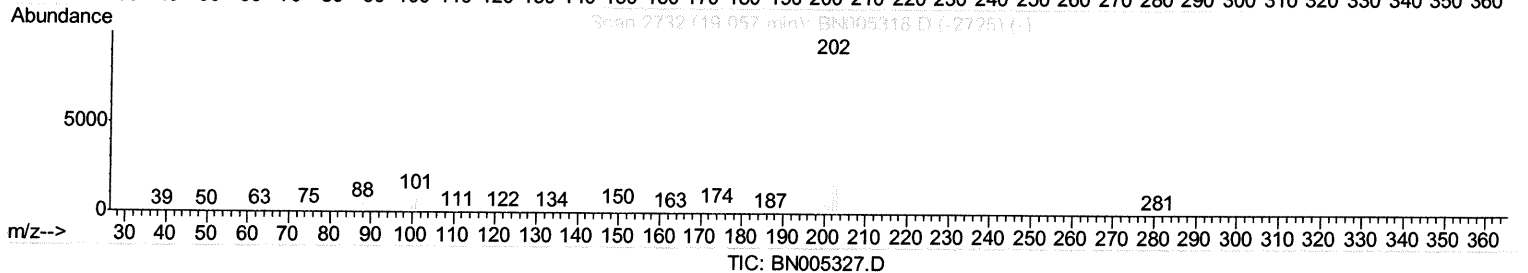
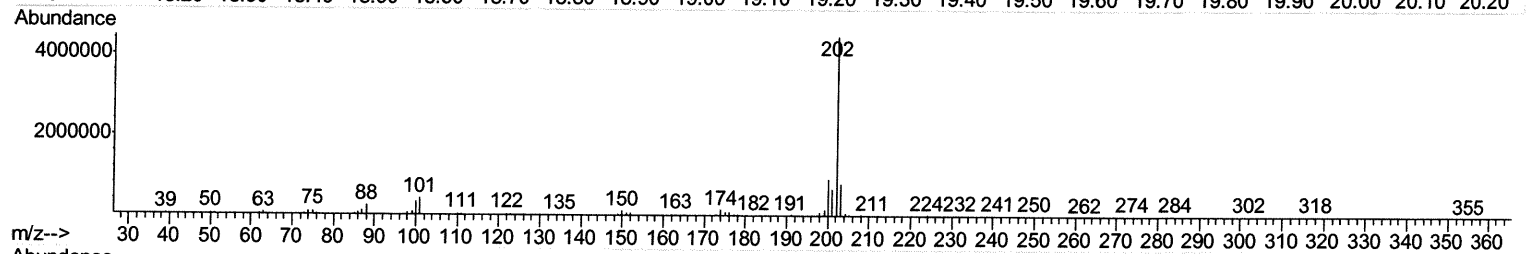
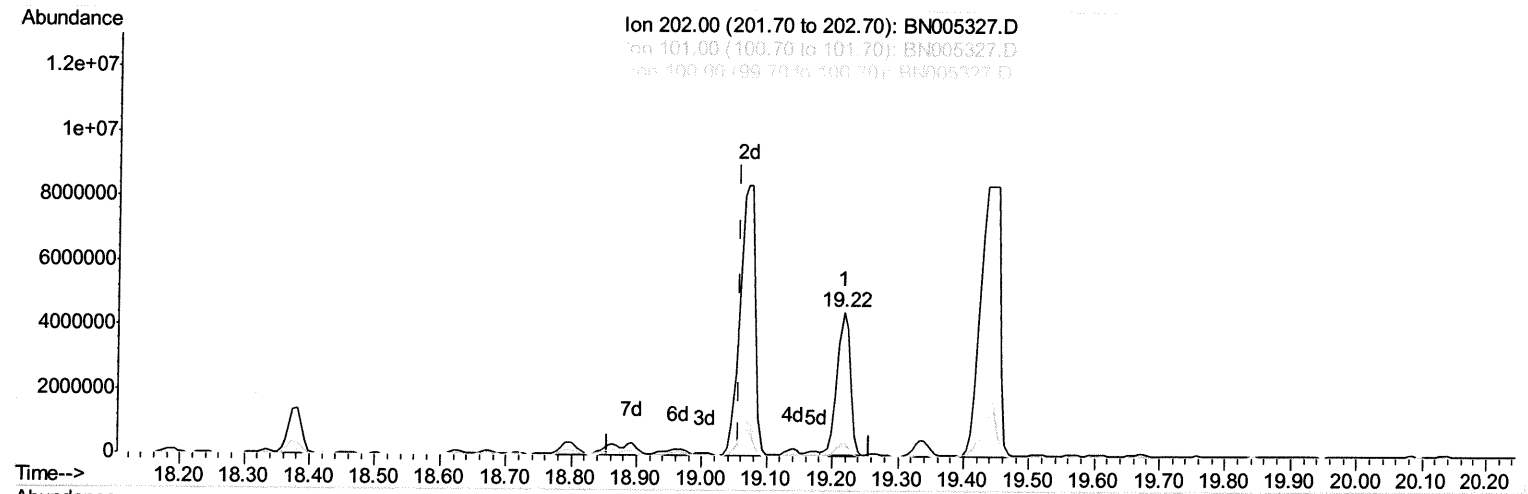
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
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 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.216min (+0.159) 38.01ng/ul

response 5999433

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	9.32
100.00	7.90	7.51
0.00	0.00	0.00

Quantitation Report (Qedit)

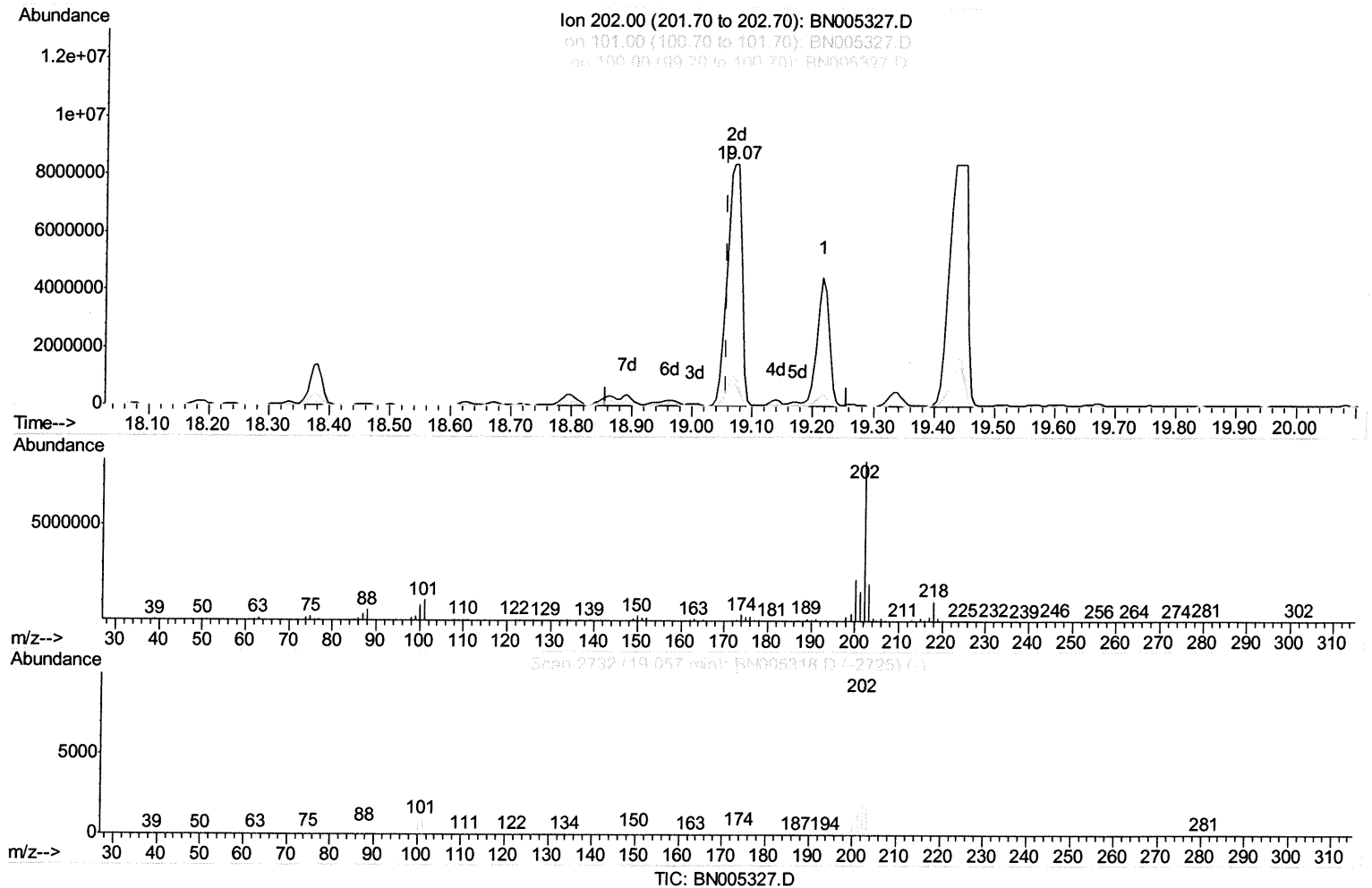
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
 Acq On : 26 Apr 2019 21:38
 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

Quant Time: Apr 26 23:32:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.069min (+0.012) 89.85ng/ul m *SJ 04/30/19*

response 14180825

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.84#
100.00	7.90	9.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

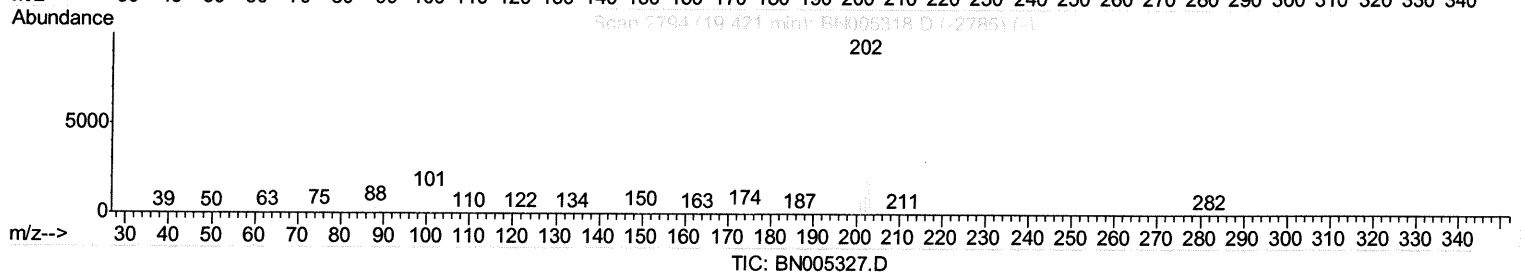
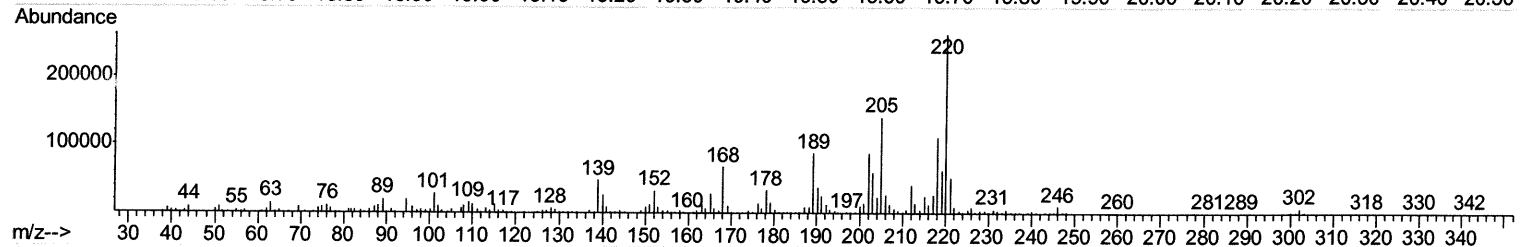
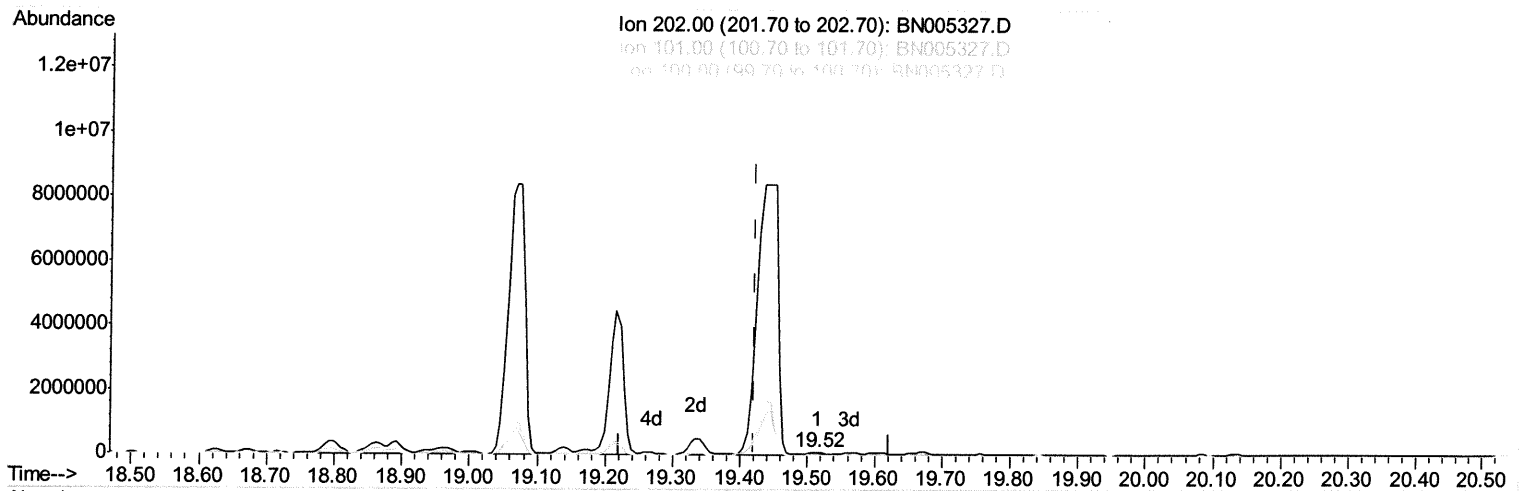
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
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 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

Quant Time: Apr 26 23:32:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration



(79) Pyrene

19.516min (+0.094) 0.47ng/ul

response 78999

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	32.60#
100.00	9.90	6.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

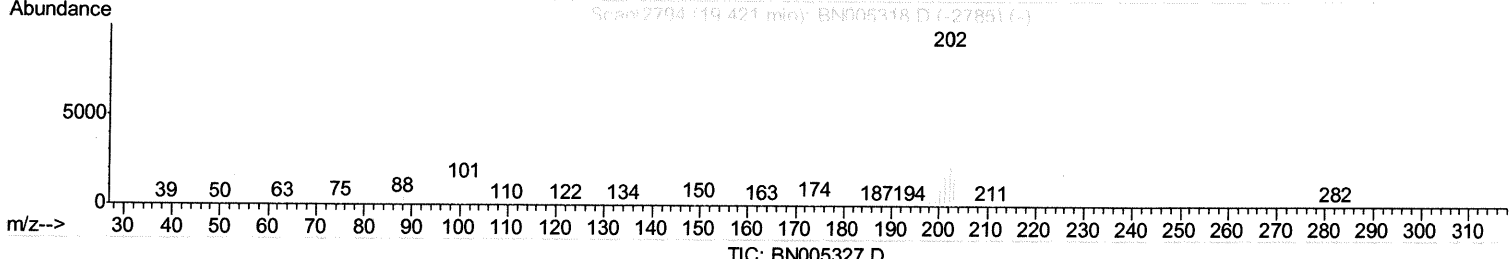
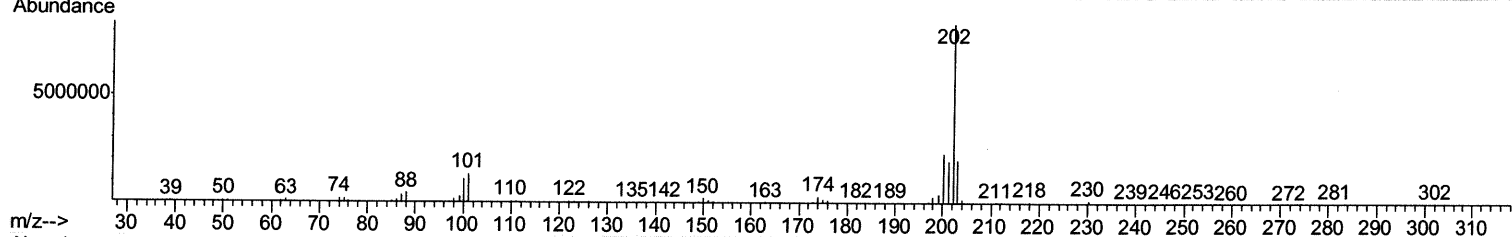
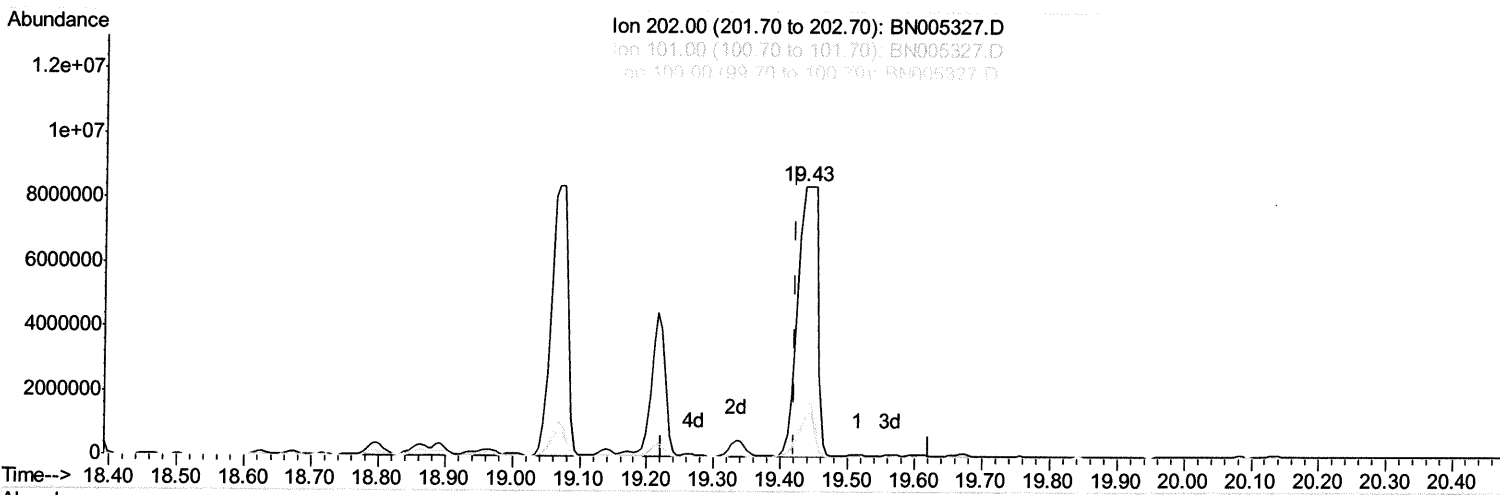
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
 Acq On : 26 Apr 2019 21:38
 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

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 Response via : Initial Calibration



TIC: BN005327.D

(79) Pyrene

19.433min (+0.012) 106.47ng/ul m

response 17841954

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	15.77#
100.00	9.90	12.88#
0.00	0.00	0.00

SJ
 04/20/19

Quantitation Report (Qedit)

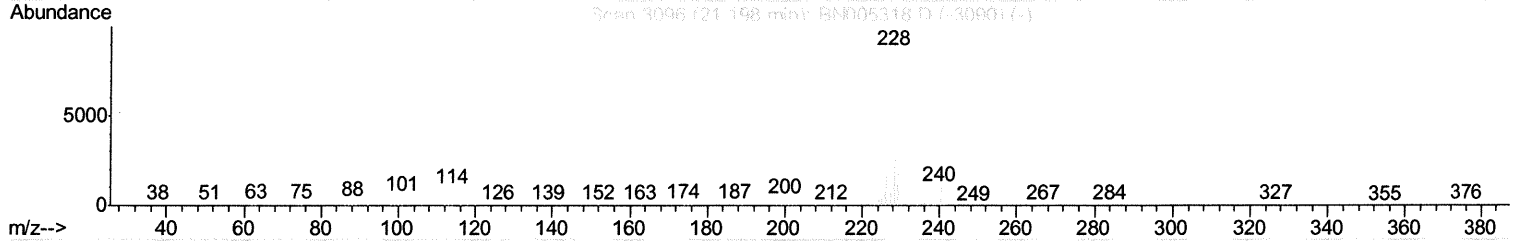
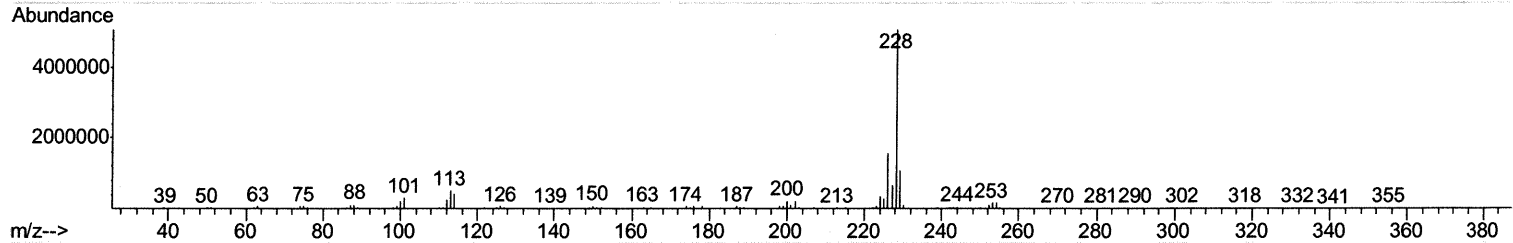
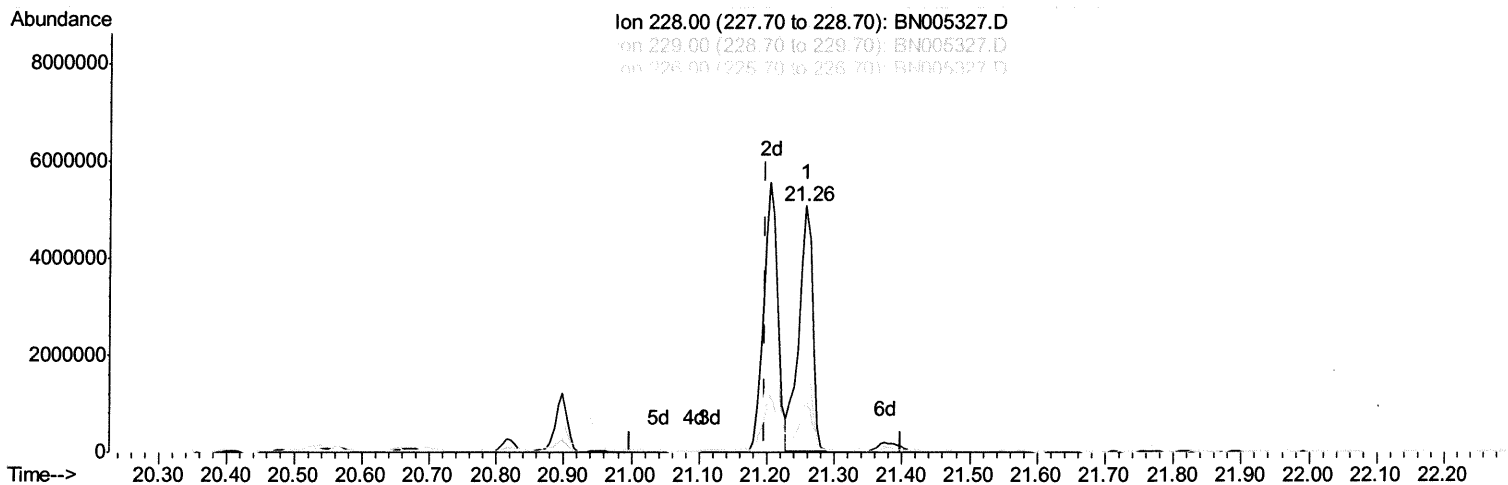
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

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 Response via : Initial Calibration



TIC: BN005327.D

(82) Benzo(a)anthracene

21.257min (+0.059) 44.02ng/ul

response 7127527

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.00
226.00	26.80	30.71
0.00	0.00	0.00

Quantitation Report (Qedit)

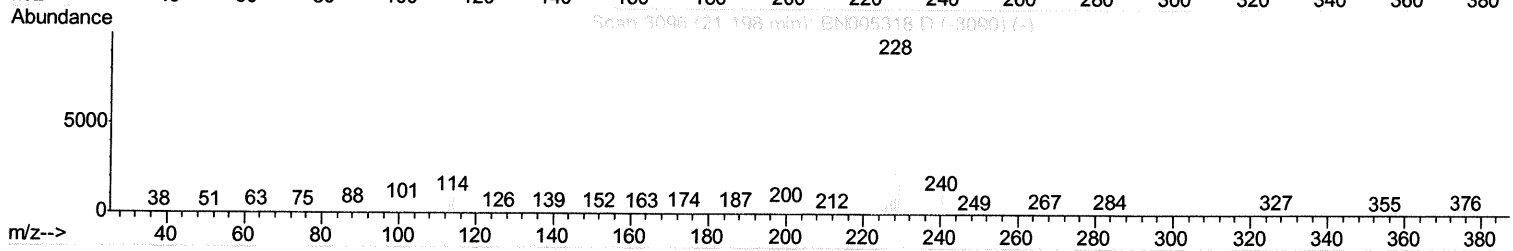
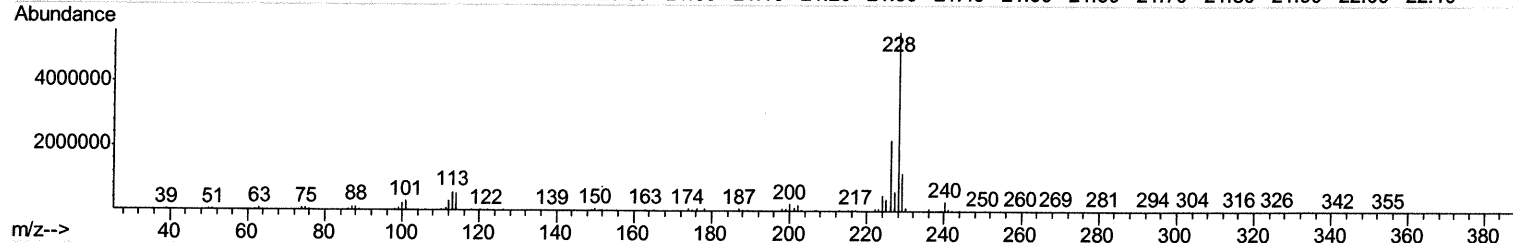
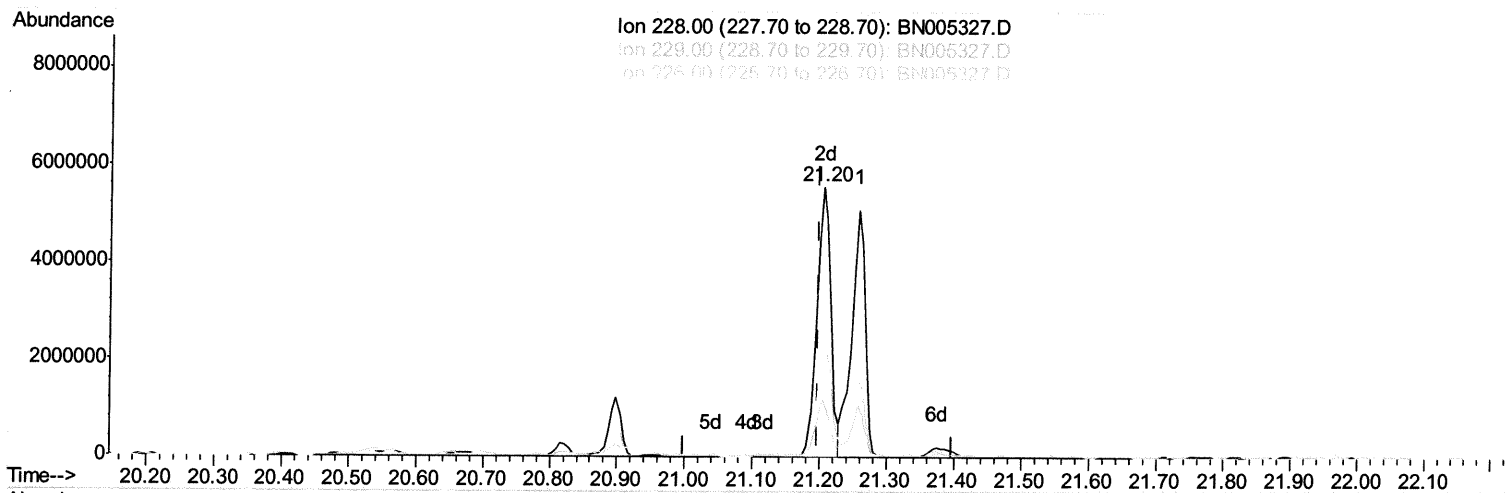
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
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 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
 4/29/2019 1:43:27 PM

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 Response via : Initial Calibration



TIC: BN005327.D

(82) Benzo(a)anthracene

21.204min (+0.006) 50.01ng/ul m *SS 04/30/19*

response 8096544

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.22
226.00	26.80	39.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

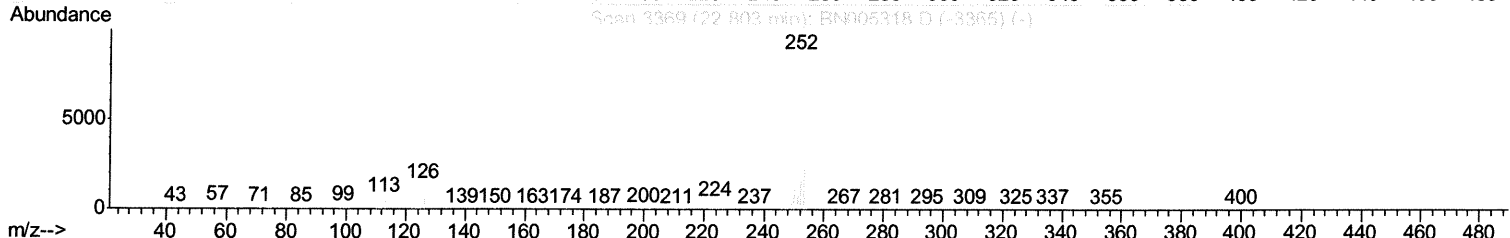
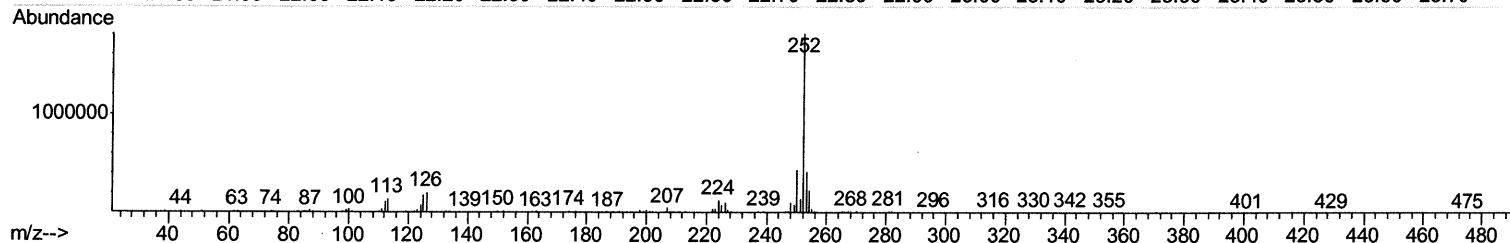
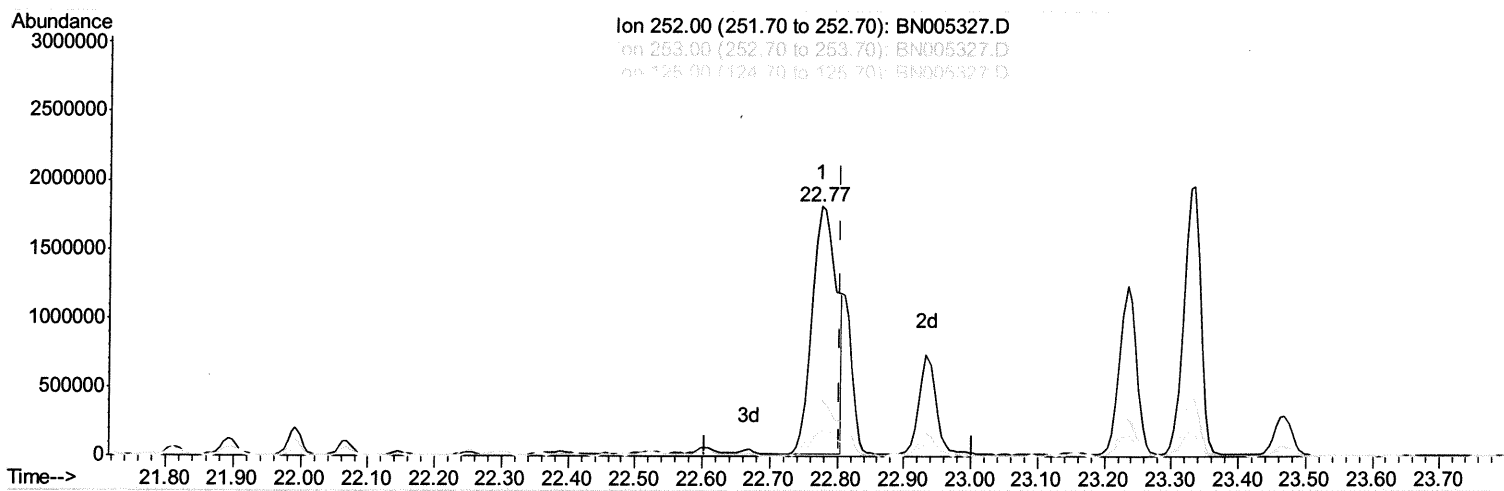
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
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Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

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TIC: BN005327.D

(88) Benzo(k)fluoranthene

22.774min (-0.029) 32.89ng/ul

response 4565347

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.60
125.00	9.40	9.89
0.00	0.00	0.00

Quantitation Report (Qedit)

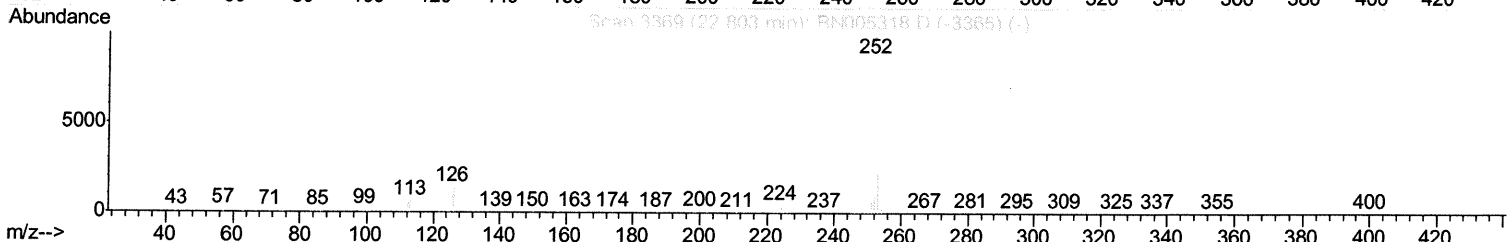
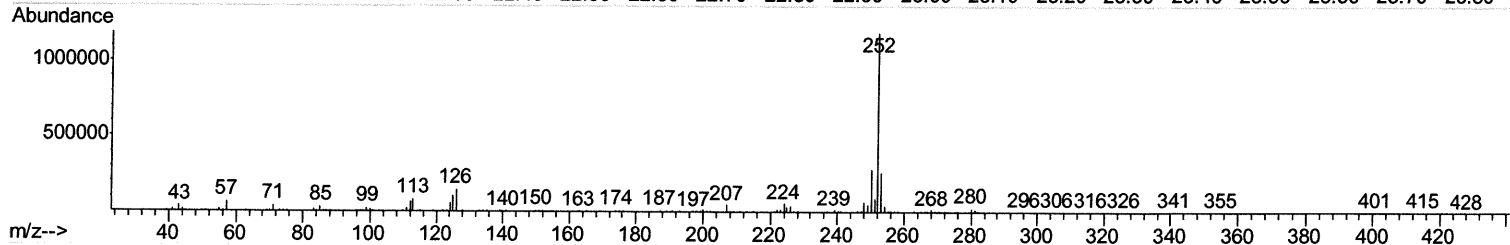
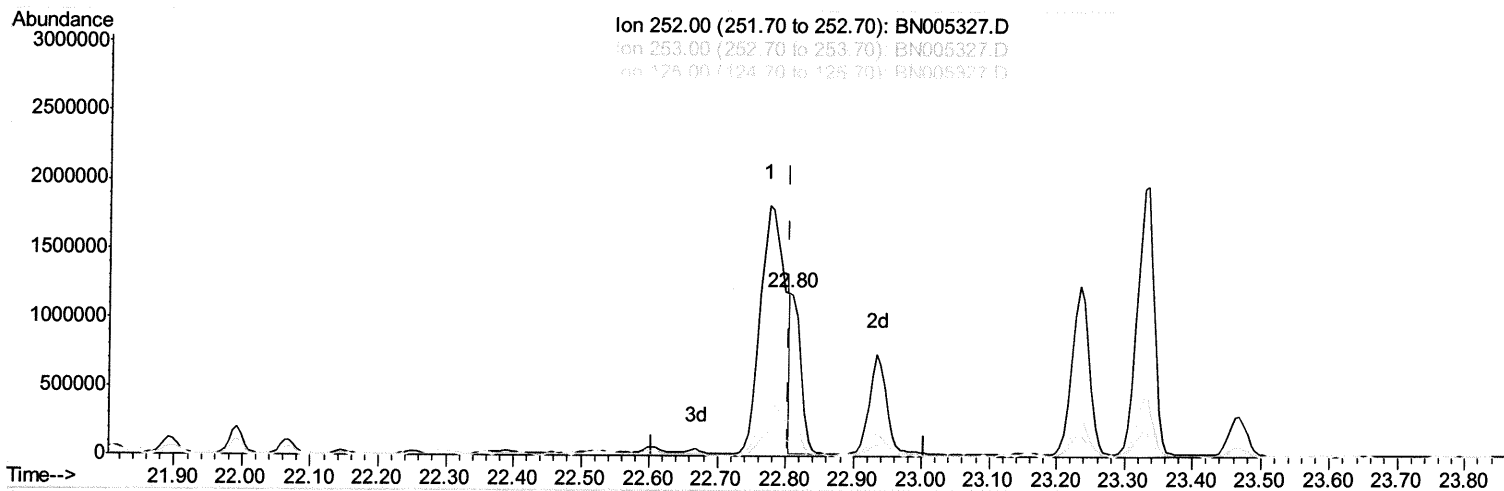
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
 Acq On : 26 Apr 2019 21:38
 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:27 PM

Quant Time: Apr 26 23:32:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration



TIC: BN005327.D

(88) Benzo(k)fluoranthene

22.804min (+0.000) 8.20ng/ul m

SJ
 04/30/19

response 1137970

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.83
125.00	9.40	9.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005327.D
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 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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Sohil
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Quant Time: Apr 27 00:46:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	468873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1953154	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	1328478	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2921759	20.00	ng/ul	0.01
77) Chrysene-d12	21.22	240	2602668	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2585443	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	34059	3.51	ng/uL	0.00
5) Phenol-d5	6.78	99	812601	22.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	496742	21.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	647226	22.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	620010	21.54	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	378197	31.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	391048	32.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	688916	24.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	924709	32.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	2196710	22.78	ng/ul	0.01
46) Acenaphthylene-d8	13.93	160	2729701	23.05	ng/ul	0.01
51) 4-Nitrophenol-d4	14.44	143	363149	23.85	ng/ul	0.00
57) Fluorene-d10	15.23	176	1895919	23.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	198847	15.13	ng/ul	0.02
70) Anthracene-d10	17.10	188	3002384	24.51	ng/ul	0.02
78) Pyrene-d10	19.40	212	3569498	26.81	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.29	264	2954127	26.15	ng/ul	0.01

Target Compounds

					Qvalue	
14) Acetophenone	8.40	105	247968	5.382	ng/ul#	77
28) Naphthalene	10.41	128	35689445m)	393.060	ng/ul	77
34) 2-Methylnaphthalene	12.04	142	37604854m)	565.622	ng/ul	77
40) 1,1'-Biphenyl	13.06	154	6181553	62.450	ng/ul	99
44) Dimethylphthalate	13.70	163	218751	2.276	ng/ul	98
47) Acenaphthylene	13.96	152	18251828	156.801	ng/ul#	80
49) Acenaphthene	14.30	153	2752551	34.638	ng/ul	99
53) Dibenzofuran	14.63	168	2662158	23.268	ng/ul	95
58) Fluorene	15.30	166	13340943	149.432	ng/ul	97
69) Phenanthrene	17.03	178	27731857m)	194.891	ng/ul	97
71) Anthracene	17.13	178	7631422	52.647	ng/ul	99
76) Fluoranthene	19.07	202	14180825m)	89.848	ng/ul	99
79) Pyrene	19.43	202	17841954m)	106.470	ng/ul	99
82) Benzo(a)anthracene	21.20	228	8096544m)	50.006	ng/ul	98
84) Chrysene	21.26	228	7127527	47.431	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	4565347	31.413	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	1137970m)	8.198	ng/ul	99
90) Benzo(a)pyrene	23.33	252	3426491	25.083	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1639866	10.858	ng/ul	97
92) Dibenzo(a,h)anthracene	25.61	278	512205	3.996	ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	1424988	11.410	ng/ul	97

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

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