

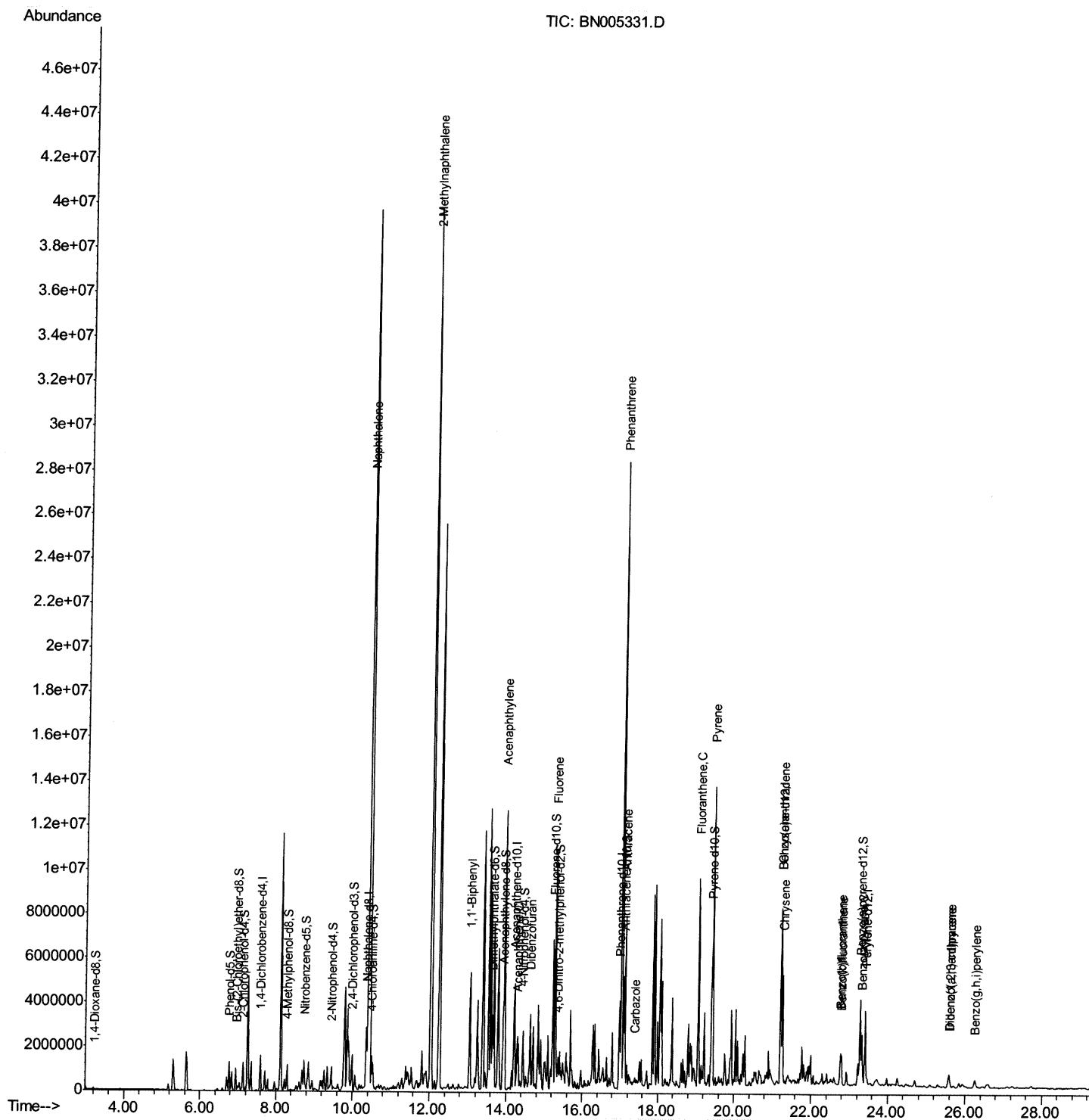
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005331.D
Acq On : 26 Apr 2019 23:57
Operator : JU/SJ
Sample : K2455-22ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS2ME

Manual Integrations
APPROVED

Sohil
4/29/2019 1:43:35 PM

Quant Time: Apr 27 03:41:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:54:49 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

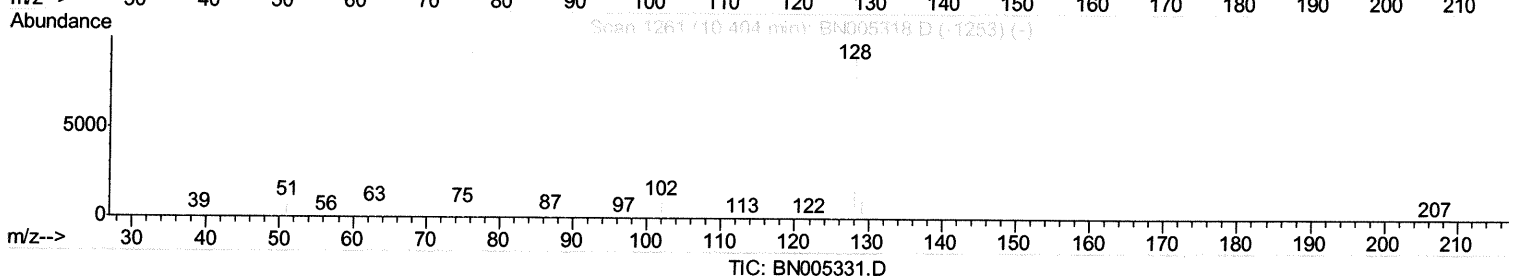
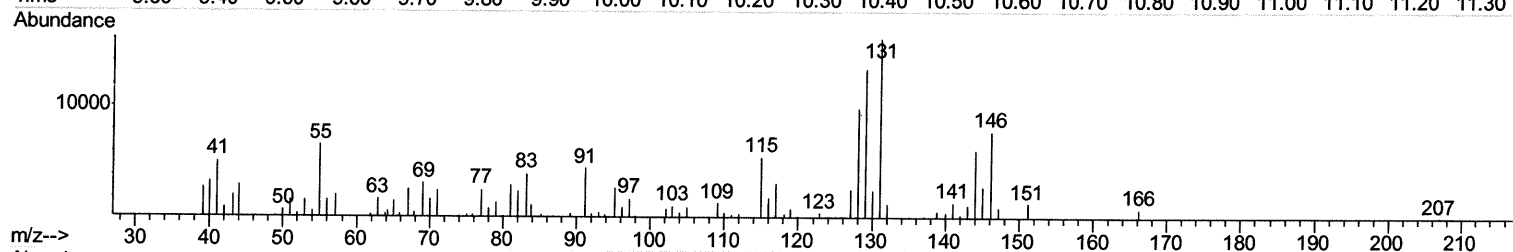
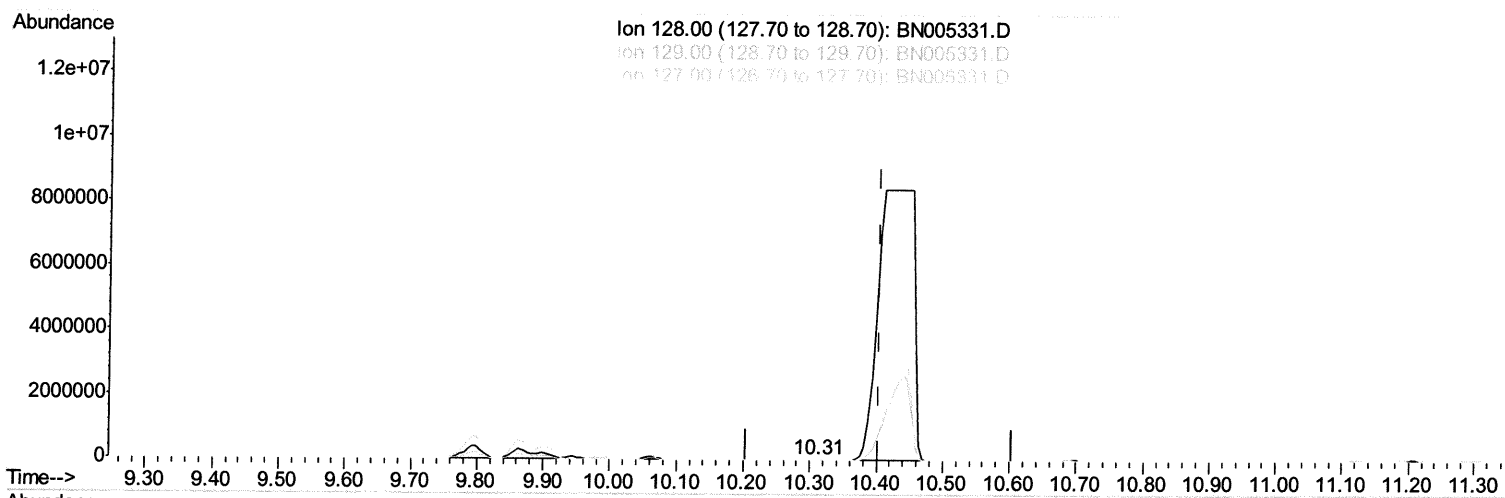
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
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Manual Integrations
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Sohil
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 Quant Title : SVOA CALIBRATION
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(28) Naphthalene

10.310min (-0.094) 0.19ng/ul

response 16475

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	135.22#
127.00	13.40	28.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

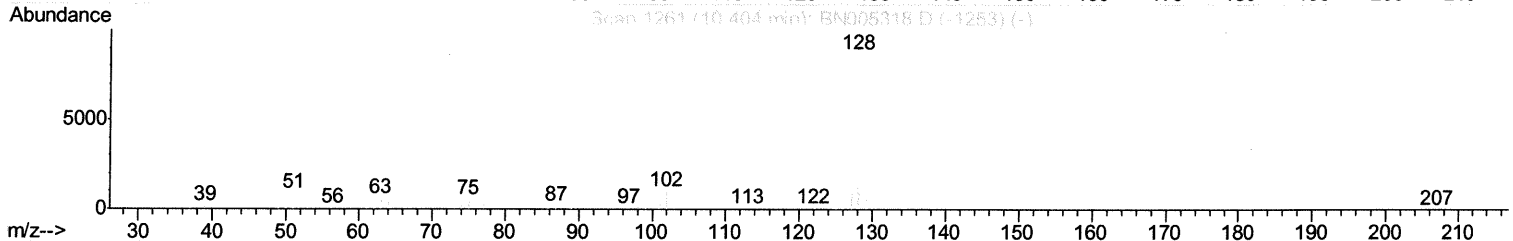
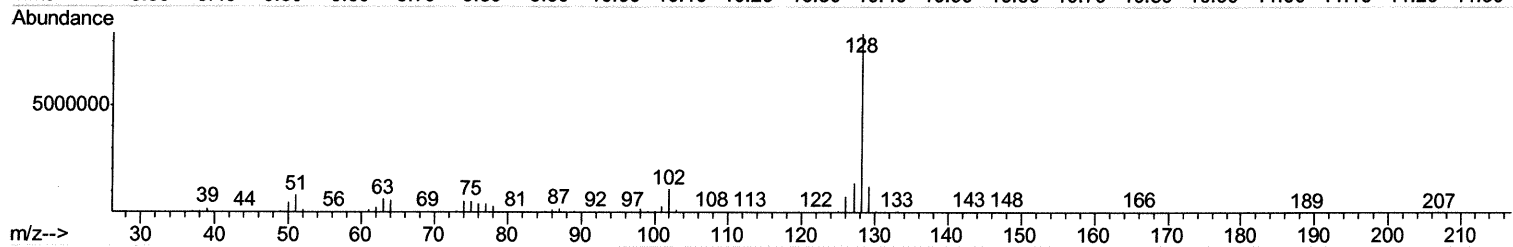
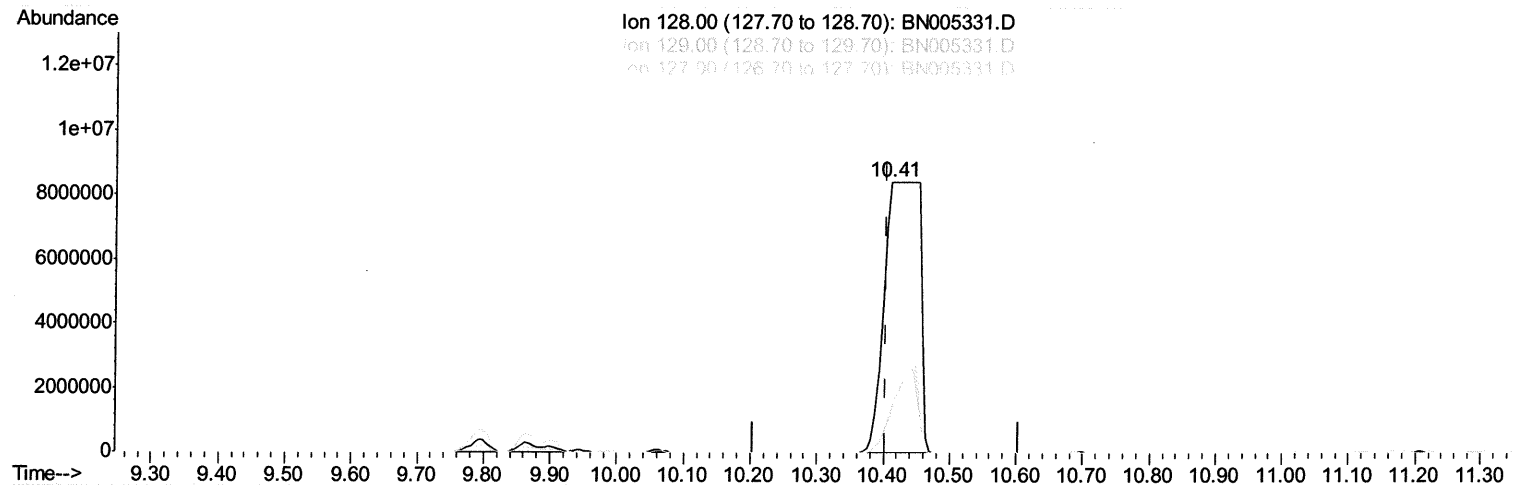
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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TIC: BN005331.D

(28) Naphthalene

10.410min (+0.006) 363.26ng/ul m *SS 04/30/19*

response 30770011

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	14.31#
127.00	13.40	16.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

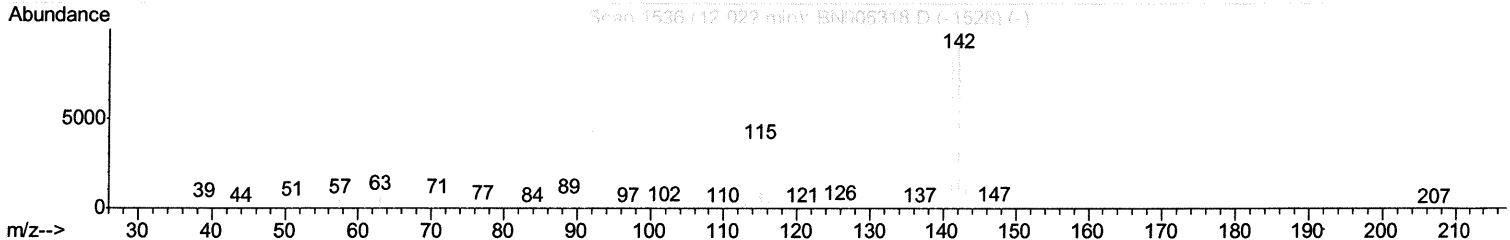
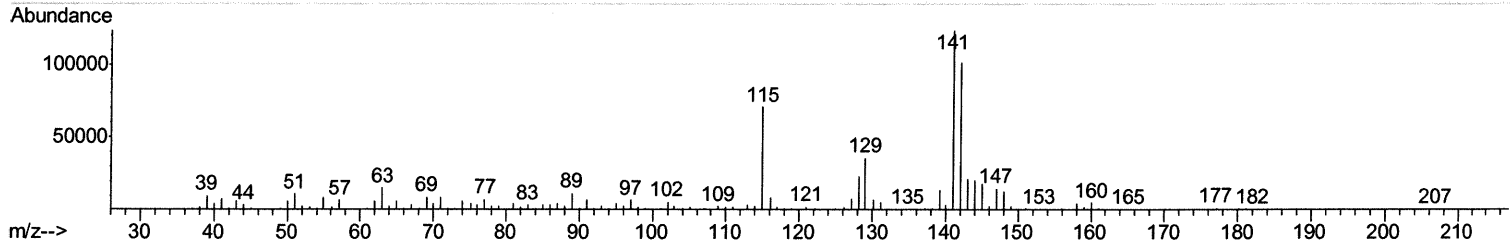
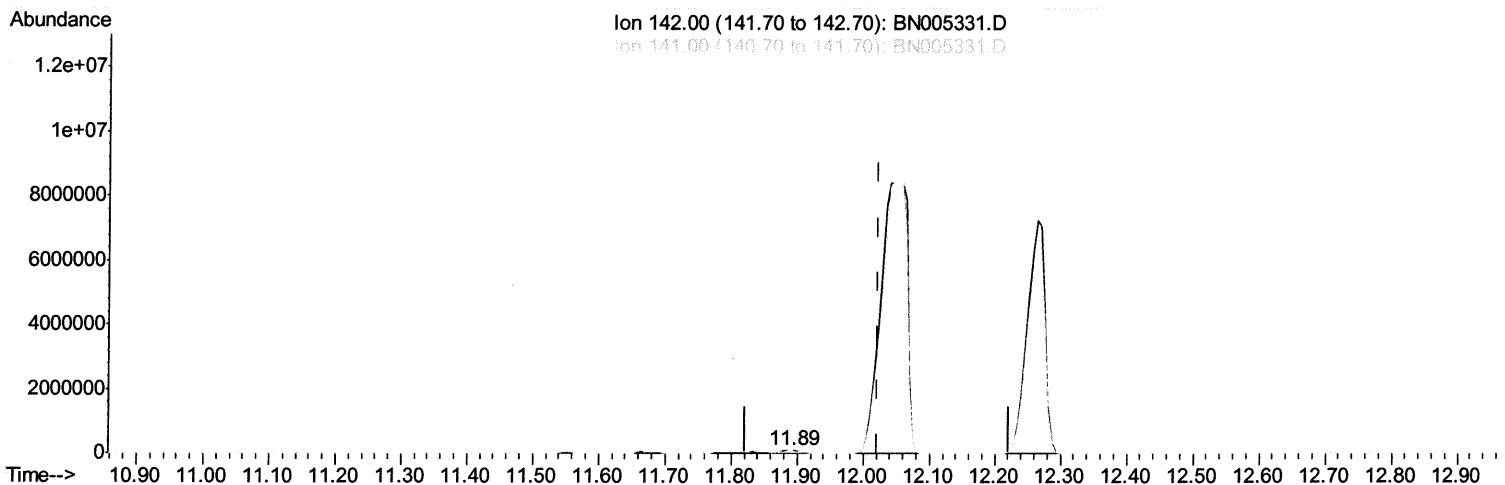
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BN005331.D

(34) 2-Methylnaphthalene

11.893min (-0.129) 3.63ng/ul

response 225297

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	121.30#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

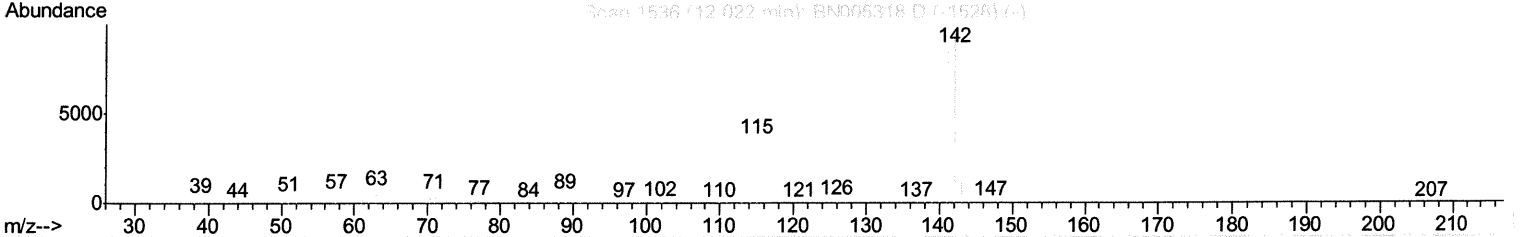
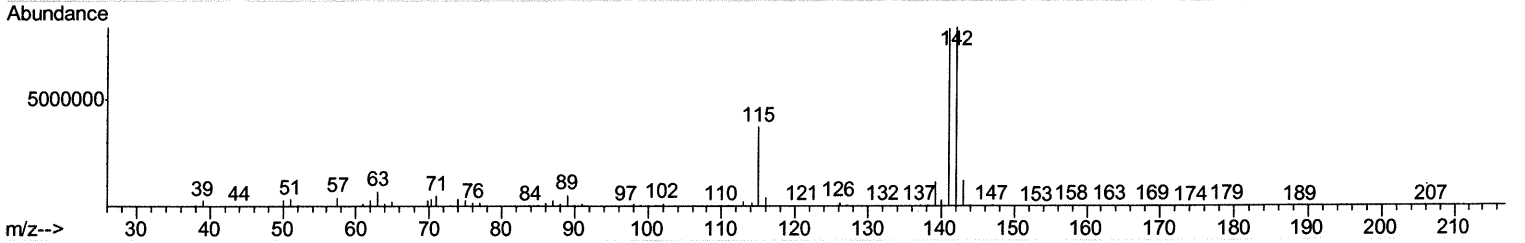
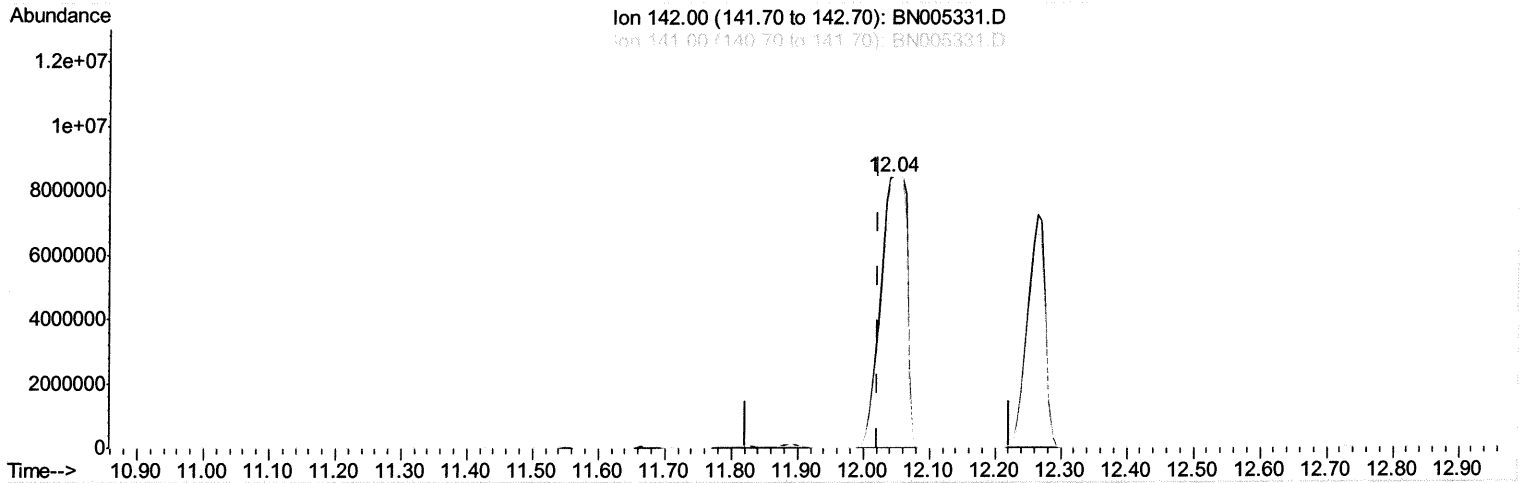
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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TIC: BN005331.D

(34) 2-Methylnaphthalene

12.040min (+0.018) 373.62ng/ul m *SJ 04/30/19*

response 23172975

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	99.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

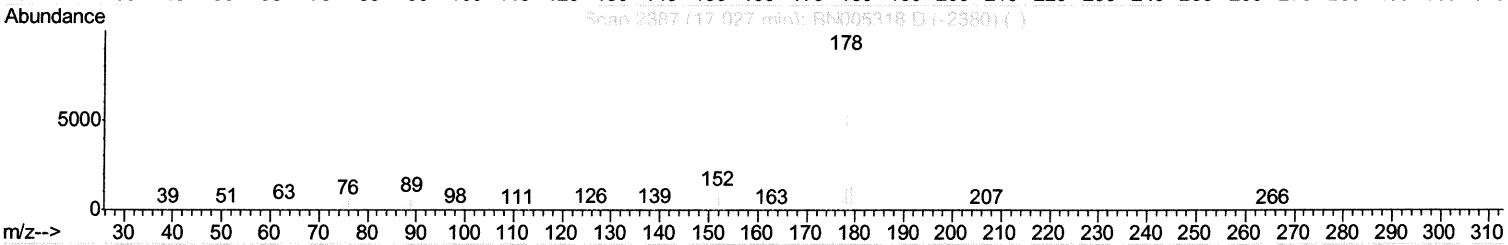
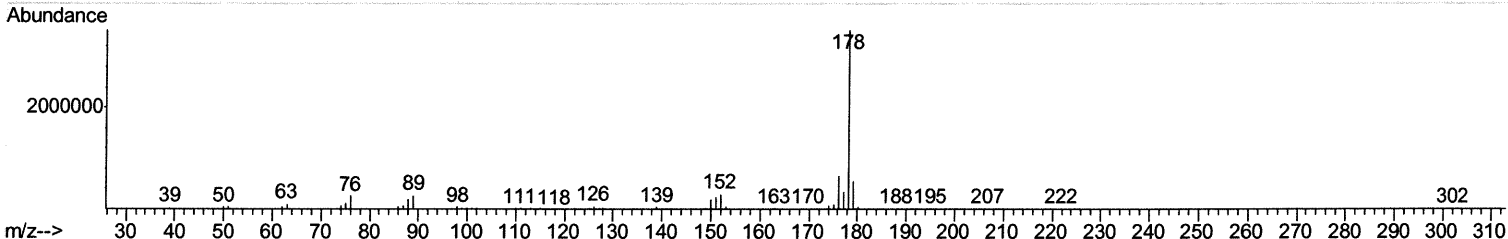
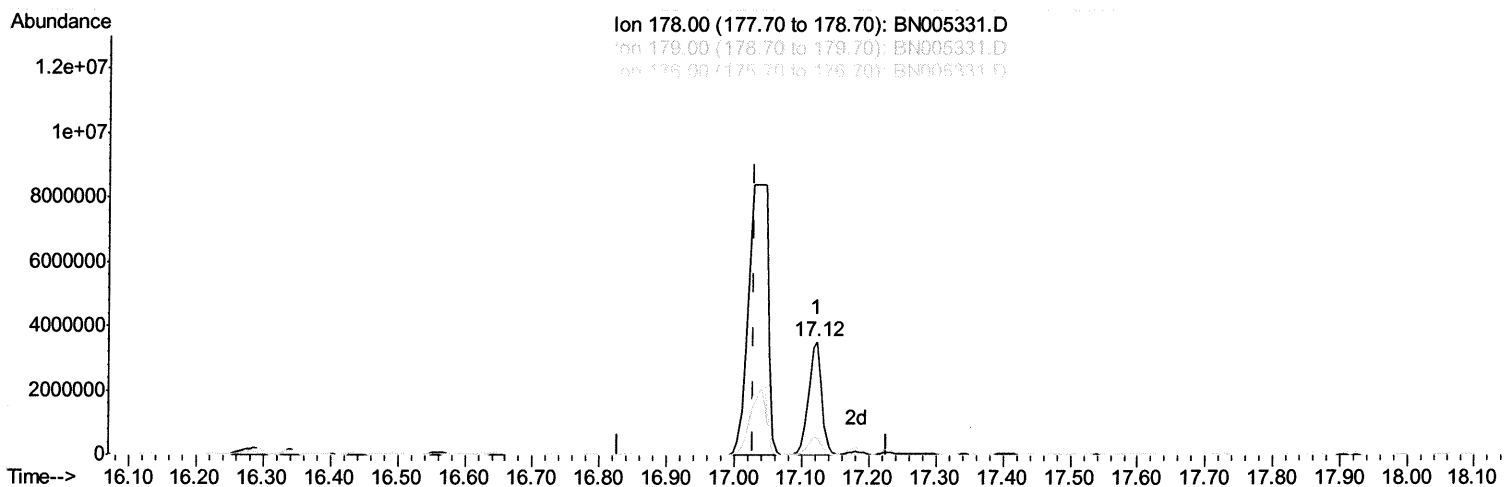
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:35 PM

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 Response via : Initial Calibration



TIC: BN005331.D

(69) Phenanthrene

17.122min (+0.095) 37.53ng/ul

response 4795378

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.47
176.00	18.90	18.61
0.00	0.00	0.00

Quantitation Report (Qedit)

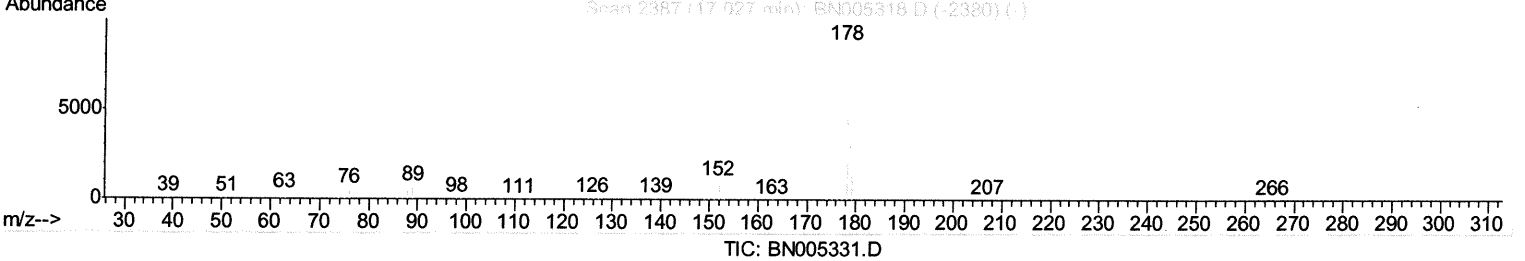
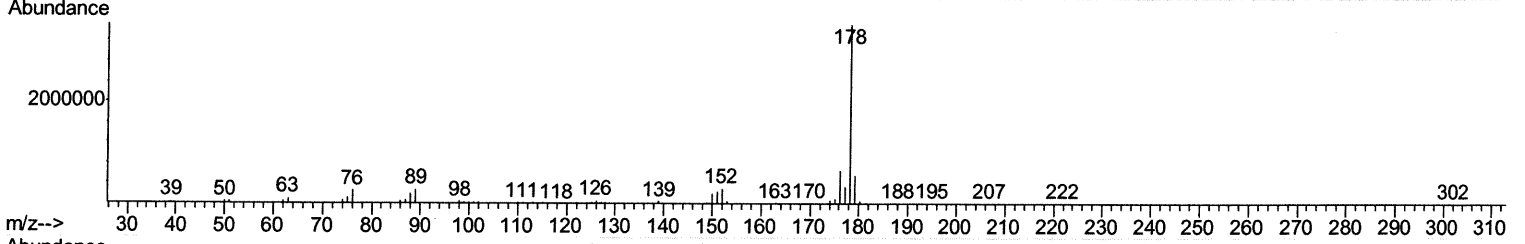
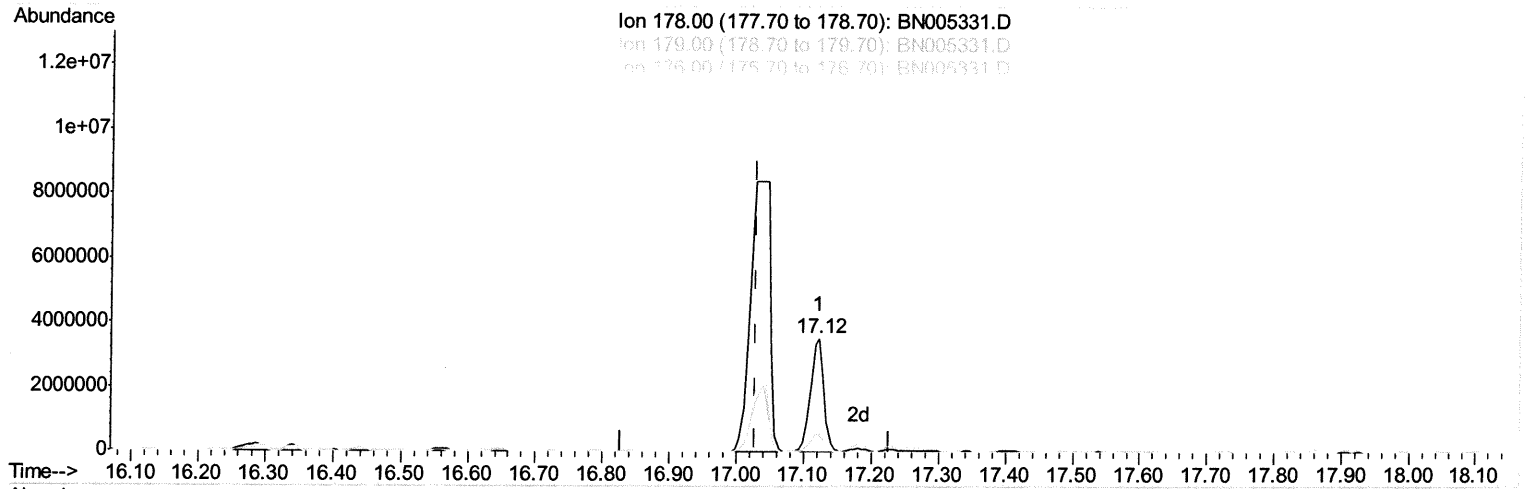
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 QLast Update : Fri Apr 26 23:54:49 2019
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(69) Phenanthrene

17.122min (+0.095) 37.53ng/ul

response 4795378

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.47
176.00	18.90	18.61
0.00	0.00	0.00

Quantitation Report (Qedit)

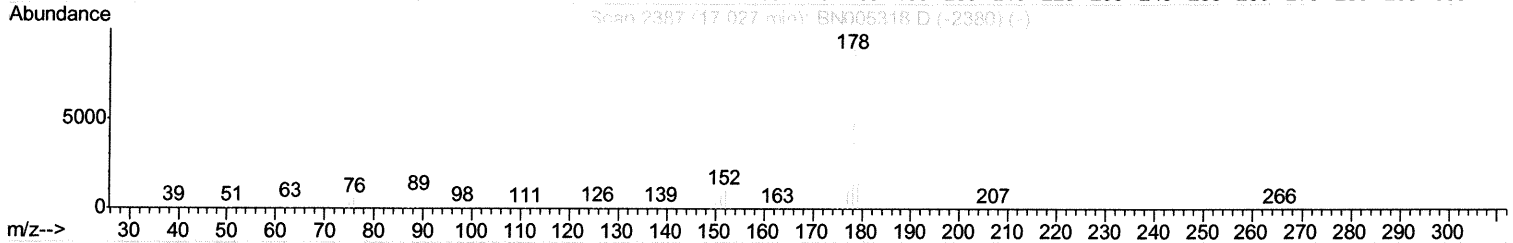
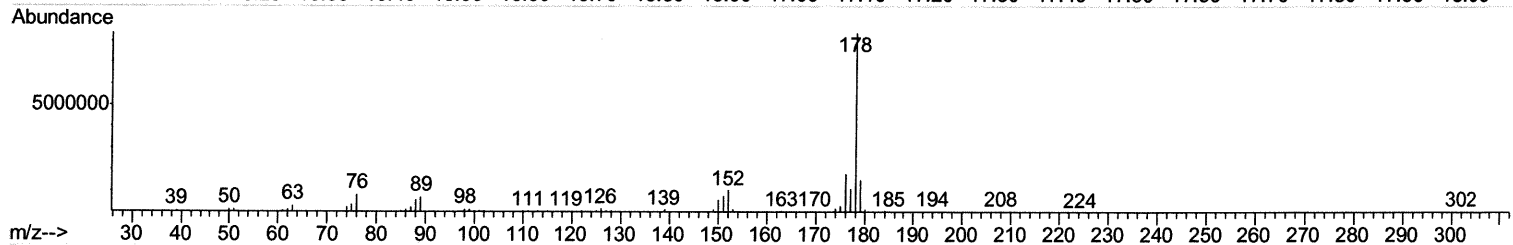
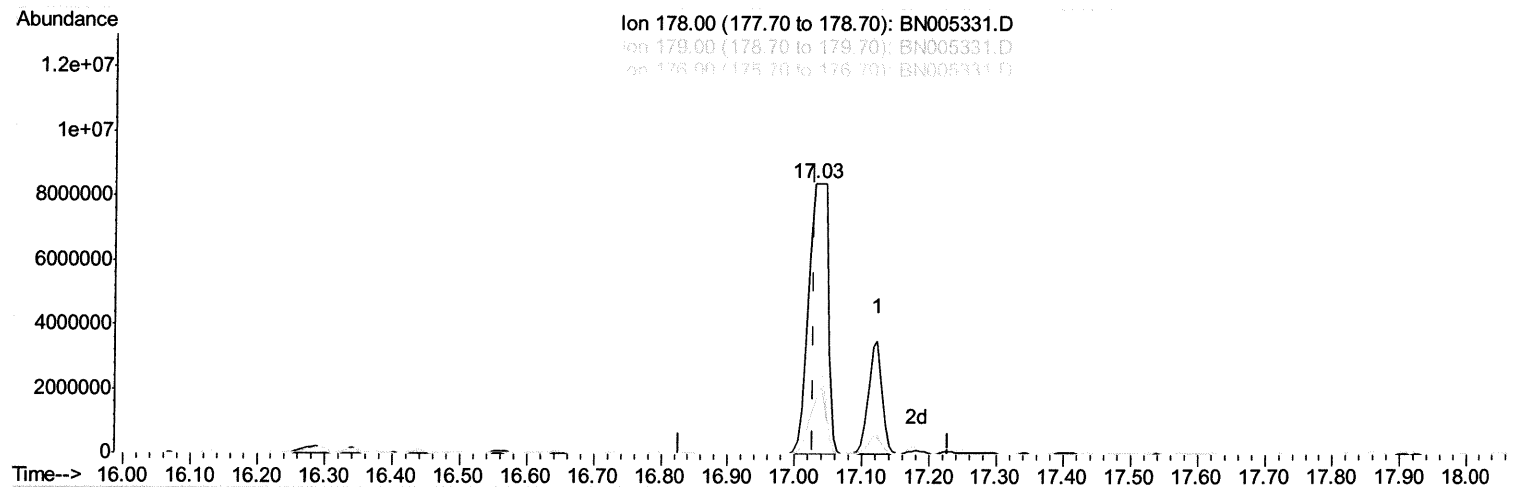
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:35 PM

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 Response via : Initial Calibration



TIC: BN005331.D

(69) Phenanthrene

17.028min (+0.000) 133.98ng/ul m *SJ*
04/30/19

response 17120944

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.94
176.00	18.90	21.39
0.00	0.00	0.00

Quantitation Report (Qedit)

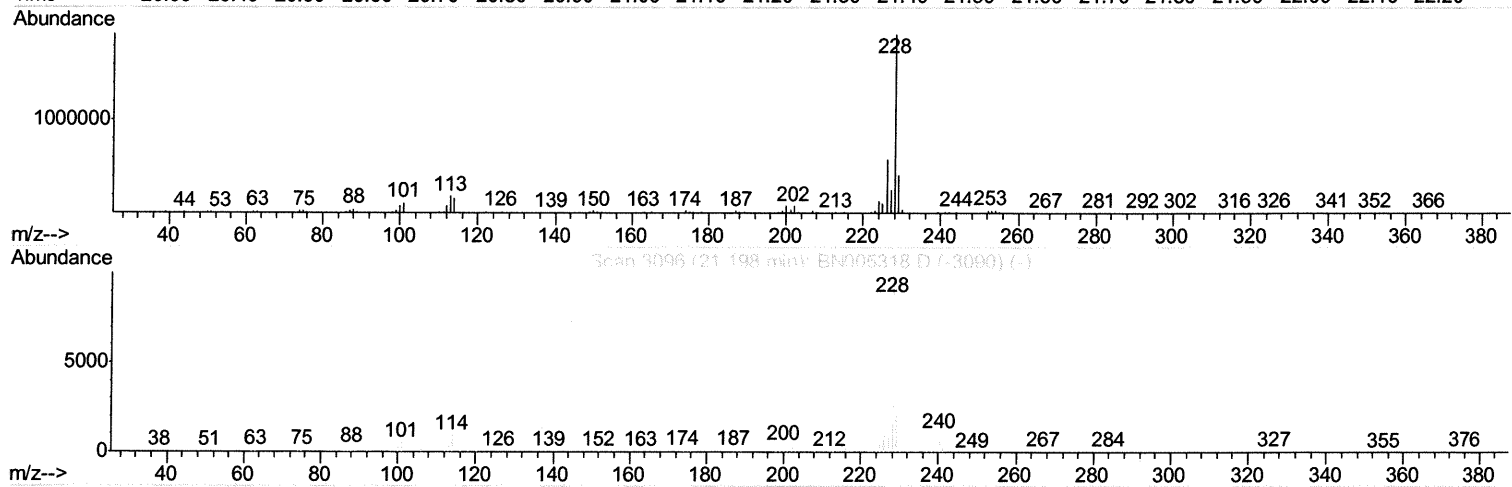
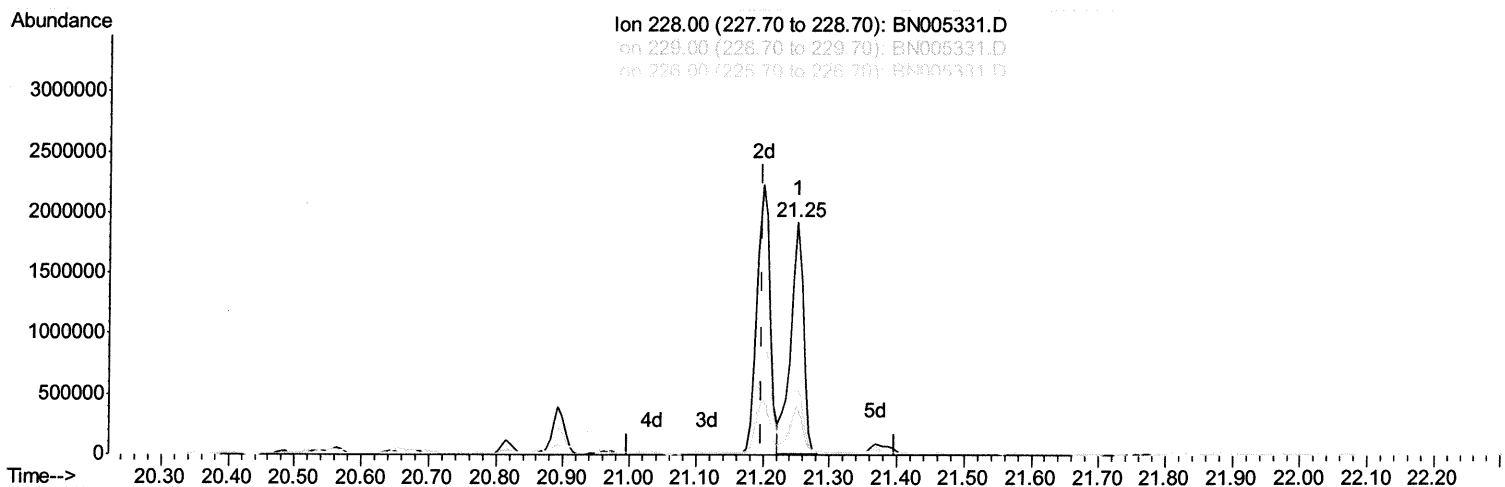
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005331.D
Acq On : 26 Apr 2019 23:57
Operator : JU/SJ
Sample : K2455-22ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS2ME

Manual Integrations
APPROVED

Sohil
4/29/2019 1:43:35 PM

Quant Time: Apr 27 03:22:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:54:49 2019
Response via : Initial Calibration



(82) Benzo(a)anthracene

21.251min (+0.053) 16.49ng/ul

response 2541059

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.02
226.00	26.80	30.18
0.00	0.00	0.00

Quantitation Report (Qedit)

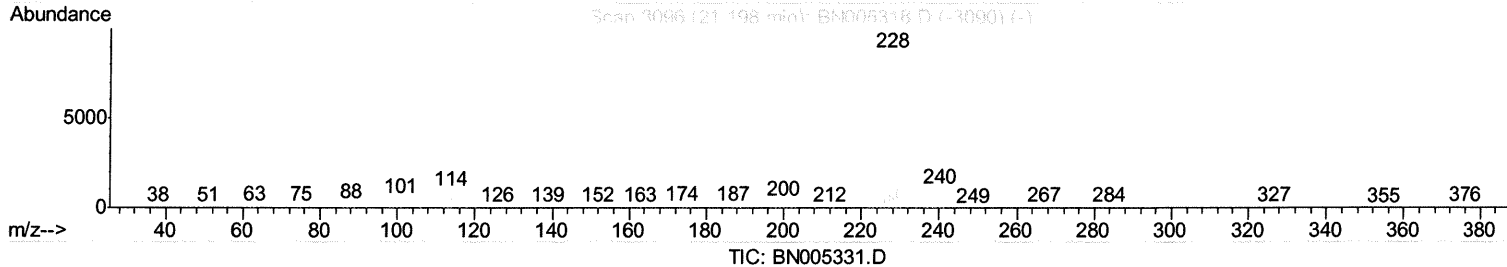
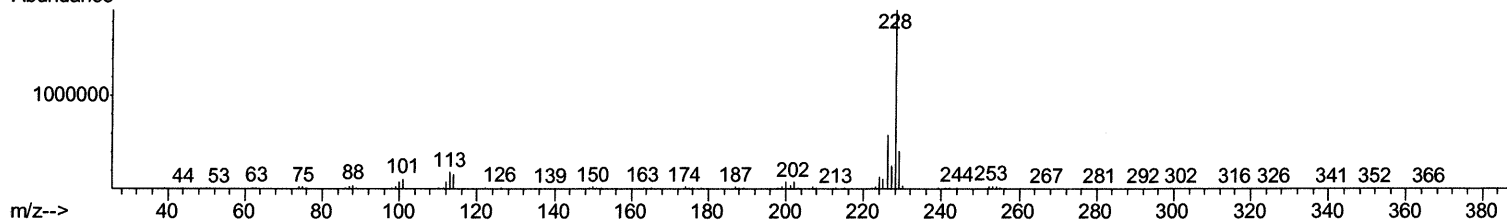
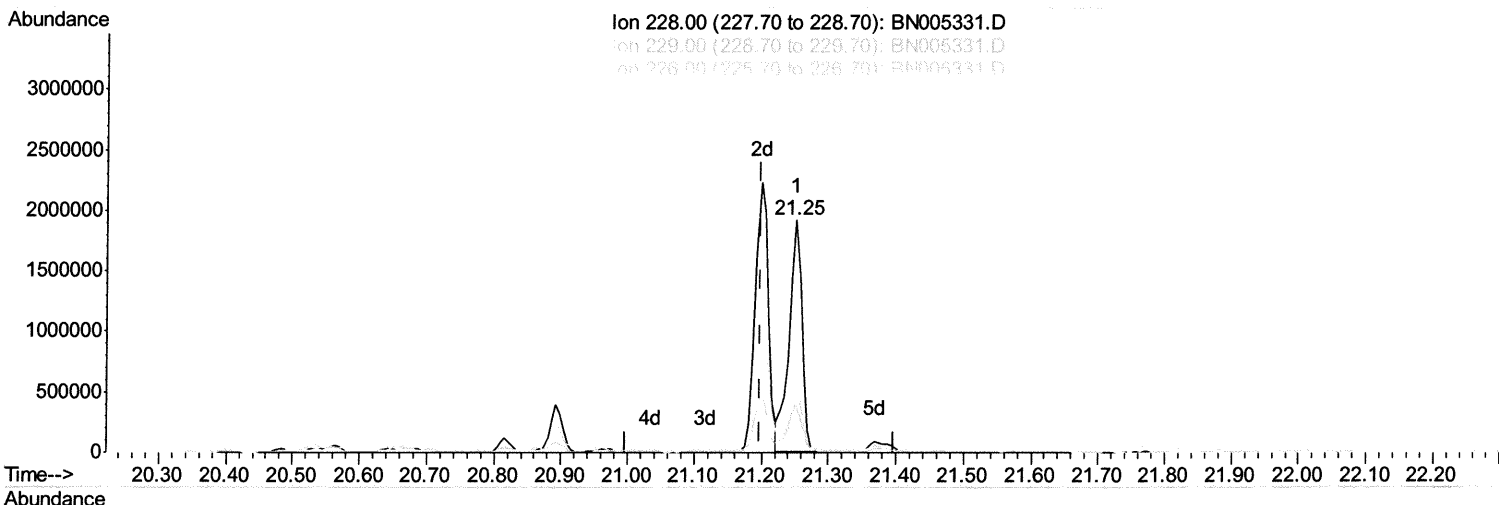
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:35 PM

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TIC: BN005331.D

(82) Benzo(a)anthracene

21.251min (+0.053) 16.49ng/ui

response 2541059

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.02
226.00	26.80	30.18
0.00	0.00	0.00

Quantitation Report (Qedit)

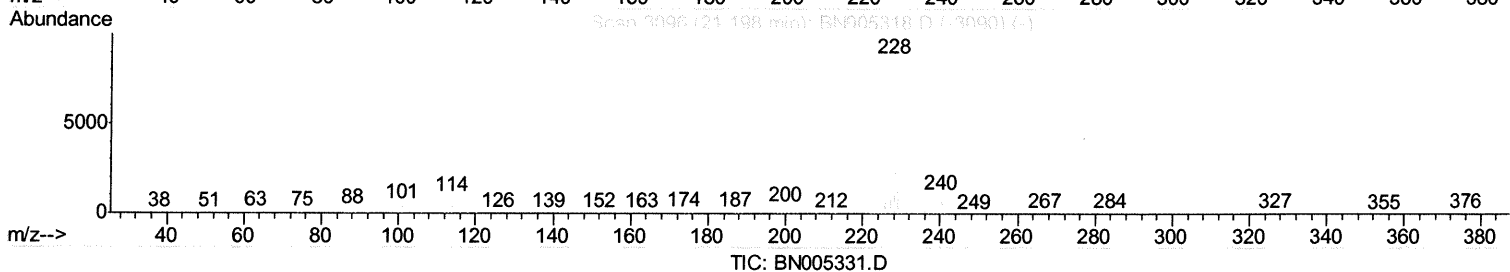
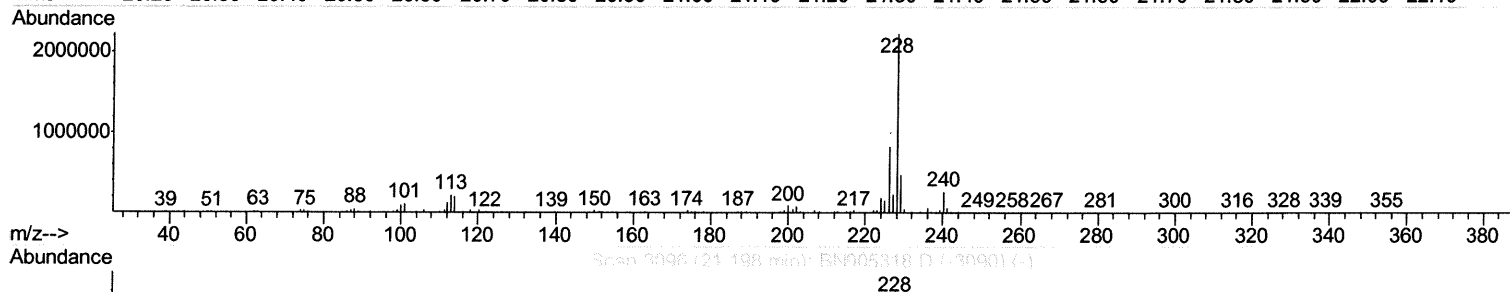
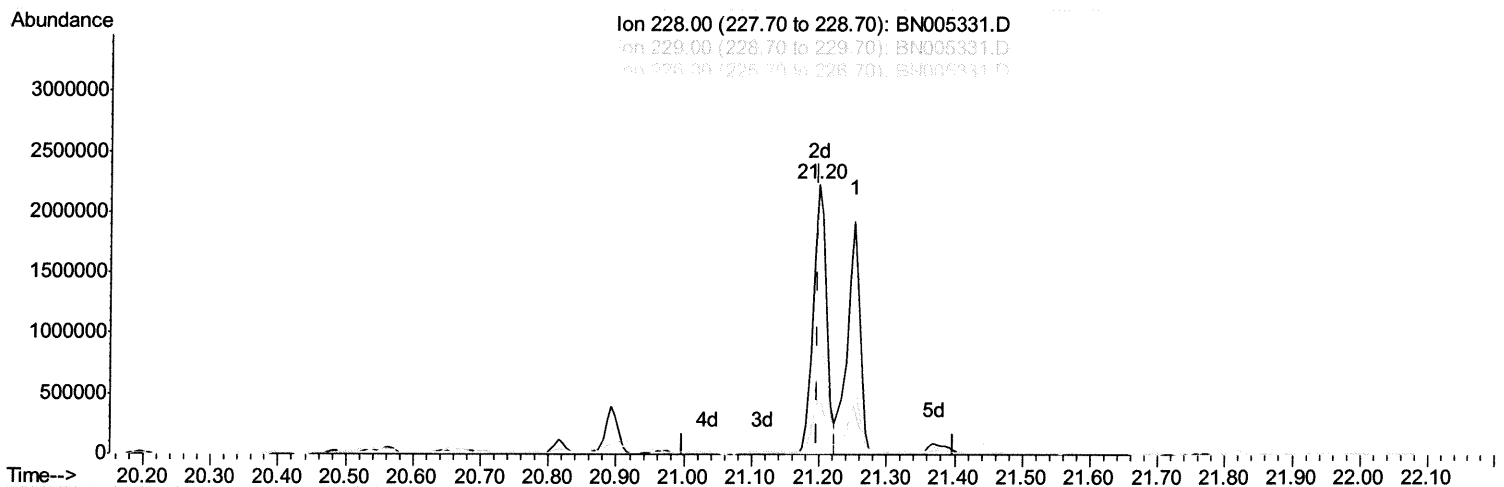
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
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 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHS2ME

Manual Integrations
 APPROVED

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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.198min (+0.000) 19.97ng/ul m *SS 04/30/19*

response 3078261

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.14
226.00	26.80	36.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

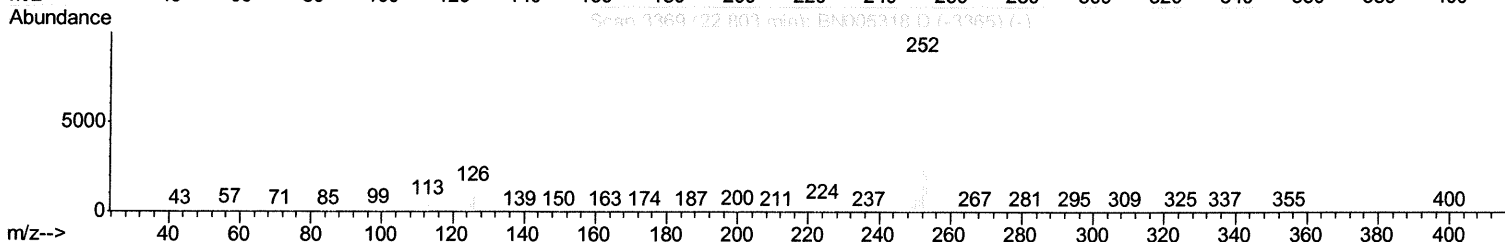
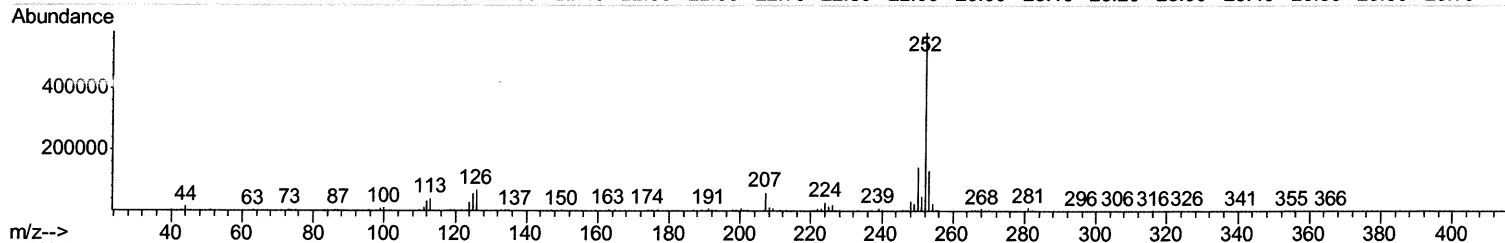
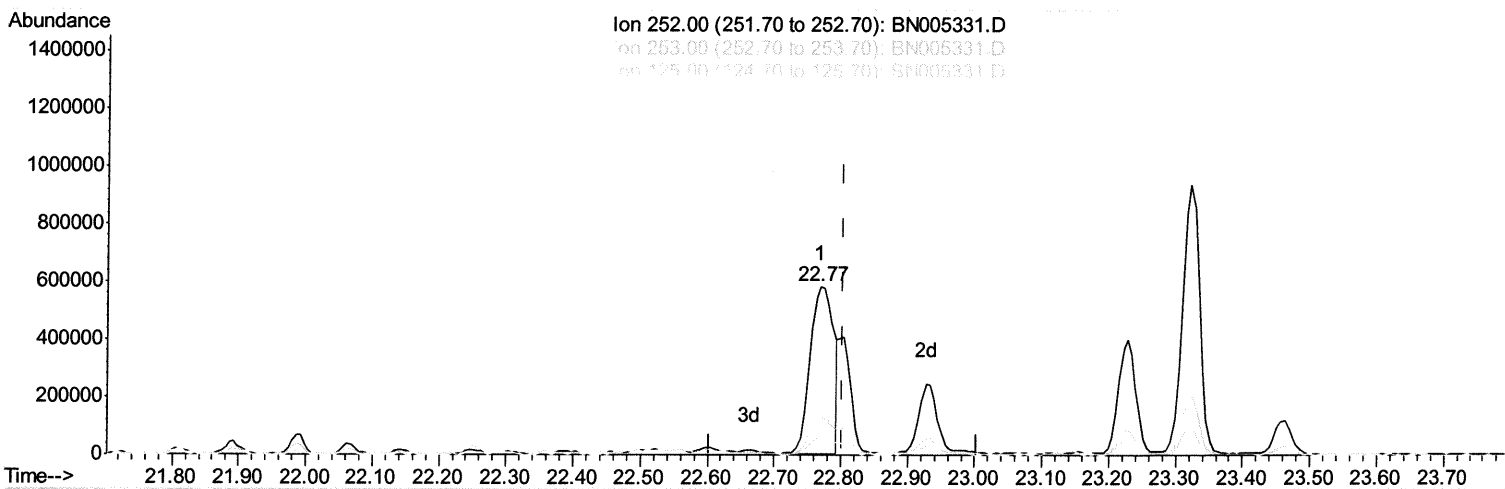
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Data File : BN005331.D
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Operator : JU/SJ
Sample : K2455-22ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS2ME

Manual Integrations
APPROVED

Sohil
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Response via : Initial Calibration



TIC: BN005331.D

(88) Benzo(k)fluoranthene

22.769min (-0.035) 11.16ng/ul

response 1405597

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.47
125.00	9.40	9.82
0.00	0.00	0.00

Quantitation Report (Qedit)

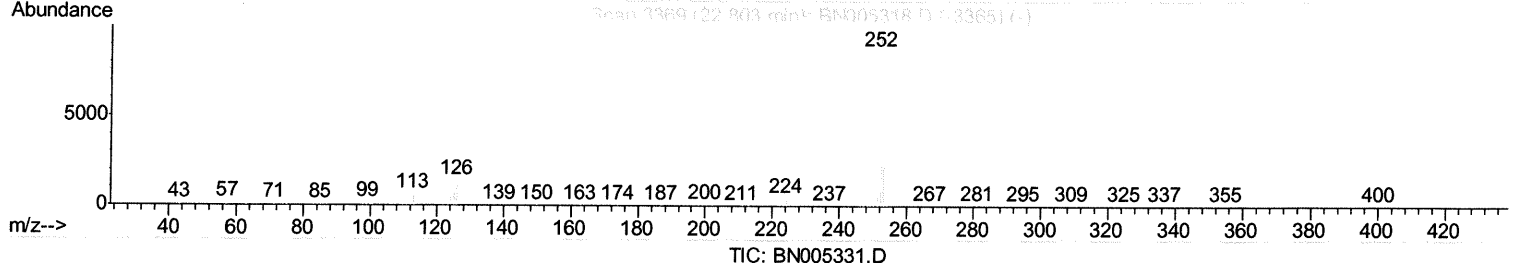
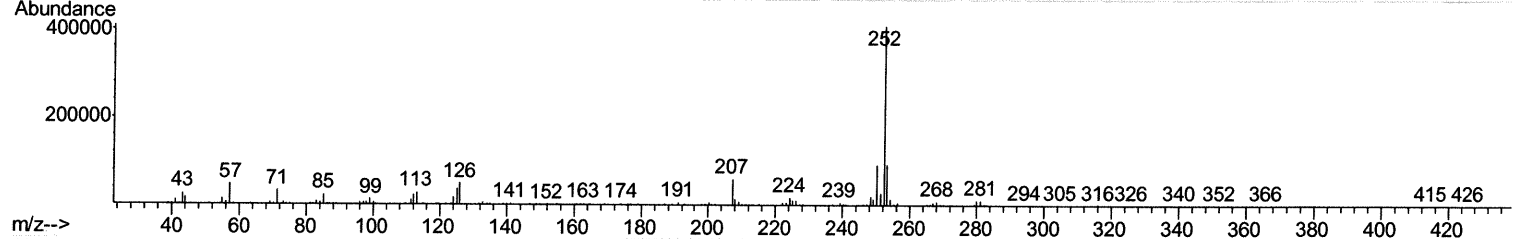
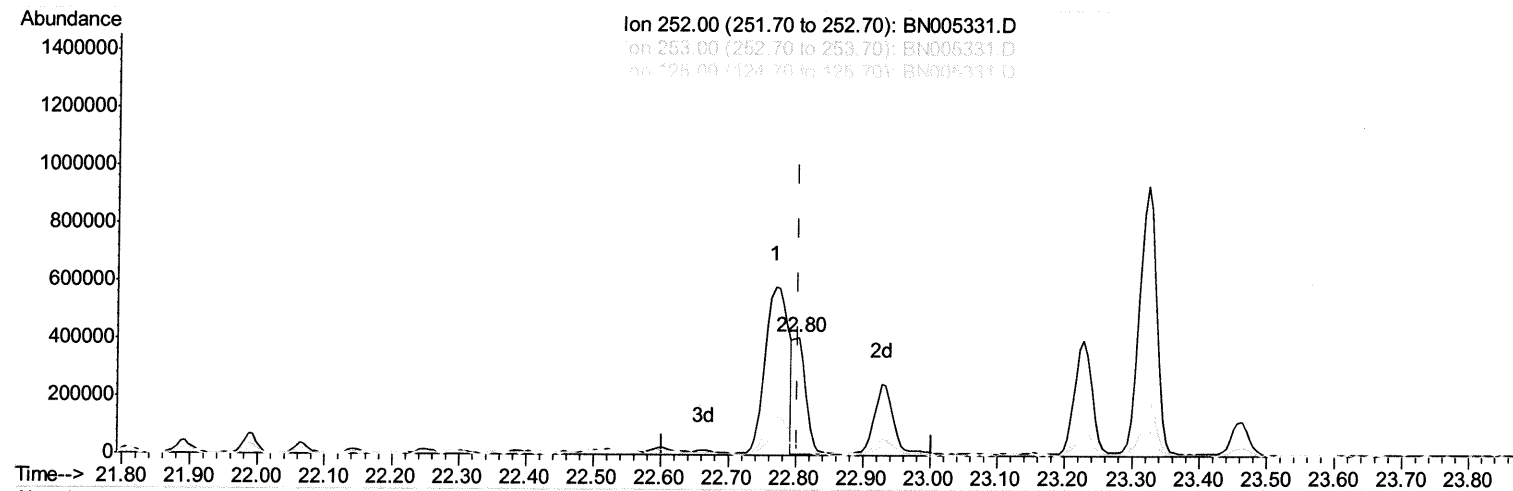
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 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:35 PM

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(88) Benzo(k)fluoranthene

22.804min (+0.000) 4.13ng/ul m *SJ*
04/30/19

response 520562

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.59
125.00	9.40	8.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005331.D
 Acq On : 26 Apr 2019 23:57
 Operator : JU/SJ
 Sample : K2455-22ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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	426644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1822086	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1154028	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2623897	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2477360	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2345107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	32990	3.73	ng/uL	0.00
5) Phenol-d5	6.78	99	690529	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	444299	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	573858	22.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	443255	16.92	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	340569	30.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	346051	30.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	583647	22.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	829332	30.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2055717	24.54	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2477571	24.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	306028	23.14	ng/ul	0.00
57) Fluorene-d10	15.23	176	1762738	25.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	248959	21.10	ng/ul	0.00
70) Anthracene-d10	17.09	188	2844688	25.86	ng/ul	0.00
78) Pyrene-d10	19.40	212	3293713	25.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	2726734	26.61	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.41	128	30770011m)	363.257	ng/ul	→ SJ 04/30/19
34) 2-Methylnaphthalene	12.04	142	23172975m)	373.622	ng/ul	→ SJ 04/30/19
40) 1,1'-Biphenyl	13.06	154	2648084	30.797	ng/ul	99
47) Acenaphthylene	13.95	152	6991058	69.139	ng/ul	# 96
49) Acenaphthene	14.29	153	950628	13.771	ng/ul	100
53) Dibenzofuran	14.63	168	959103	9.650	ng/ul	99
58) Fluorene	15.29	166	5113920	65.940	ng/ul	98
69) Phenanthrene	17.03	178	17120944m)	133.979	ng/ul	→ SJ 04/30/19
71) Anthracene	17.12	178	4795378	36.837	ng/ul	100
74) Carbazole	17.39	167	134039	1.199	ng/ul	# 90
76) Fluoranthene	19.06	202	5554060	39.185	ng/ul	99
79) Pyrene	19.43	202	8277524	51.894	ng/ul	99
82) Benzo(a)anthracene	21.20	228	3078261m)	19.973	ng/ul	→ SJ 04/30/19
84) Chrysene	21.25	228	2541691	17.770	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1405597	10.663	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	520562m)	4.135	ng/ul	→ SJ 04/30/19
90) Benzo(a)pyrene	23.32	252	1643185	13.261	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	508236	3.710	ng/ul	96
92) Dibenzo(a,h)anthracene	25.60	278	162244	1.395	ng/ul	93
93) Benzo(g,h,i)perylene	26.26	276	412754	3.644	ng/ul	98

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