

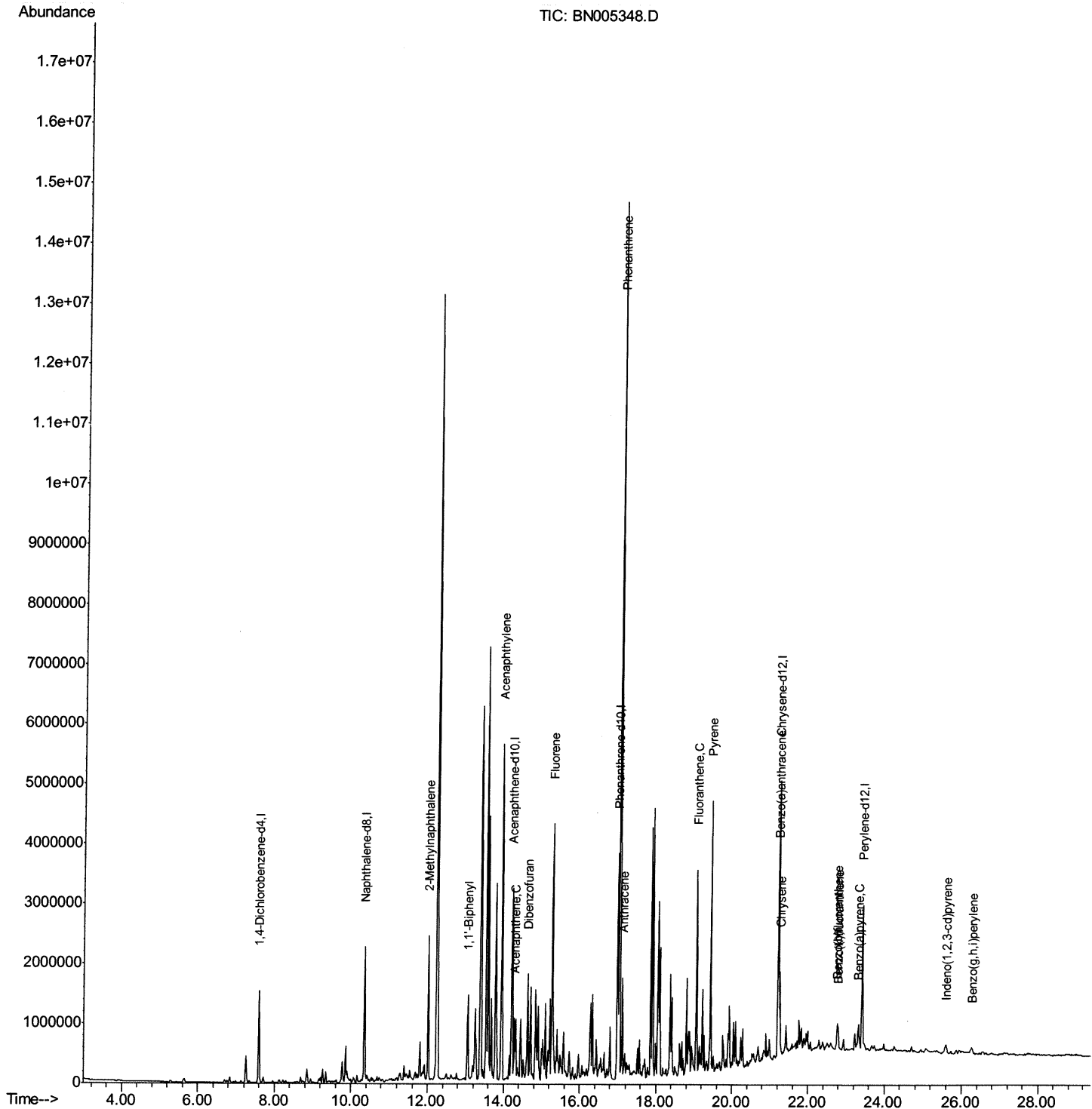
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
GAHW8DL

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:28 PM

Quant Time: Apr 29 04:44:01 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)

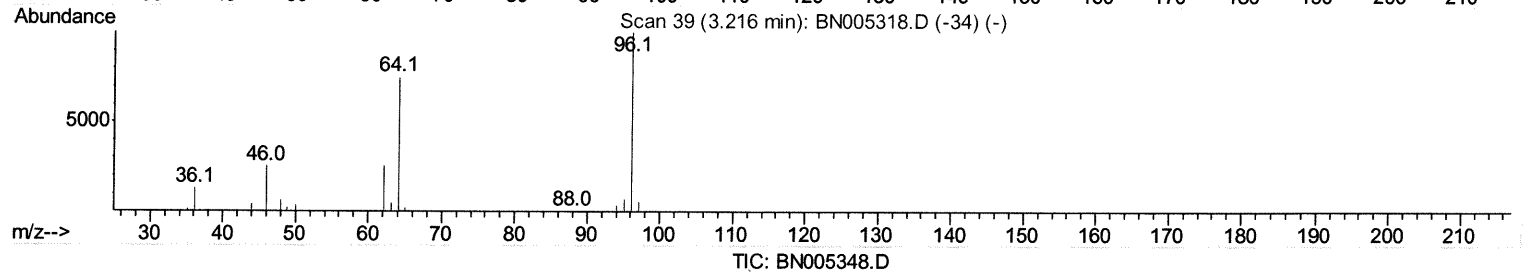
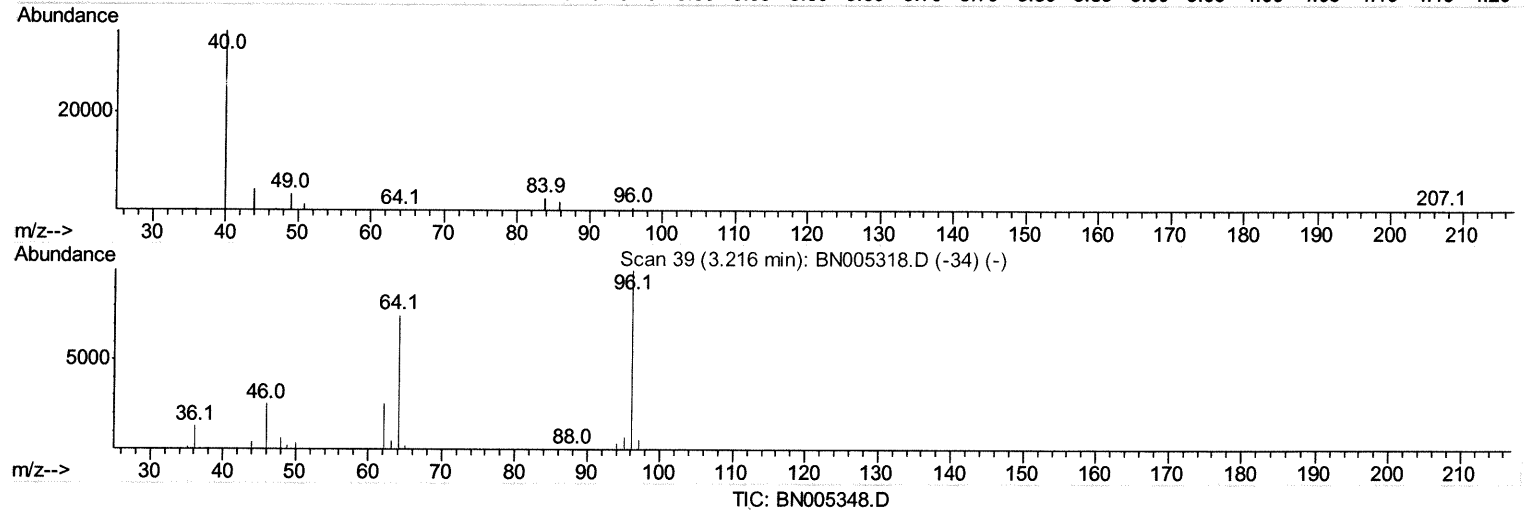
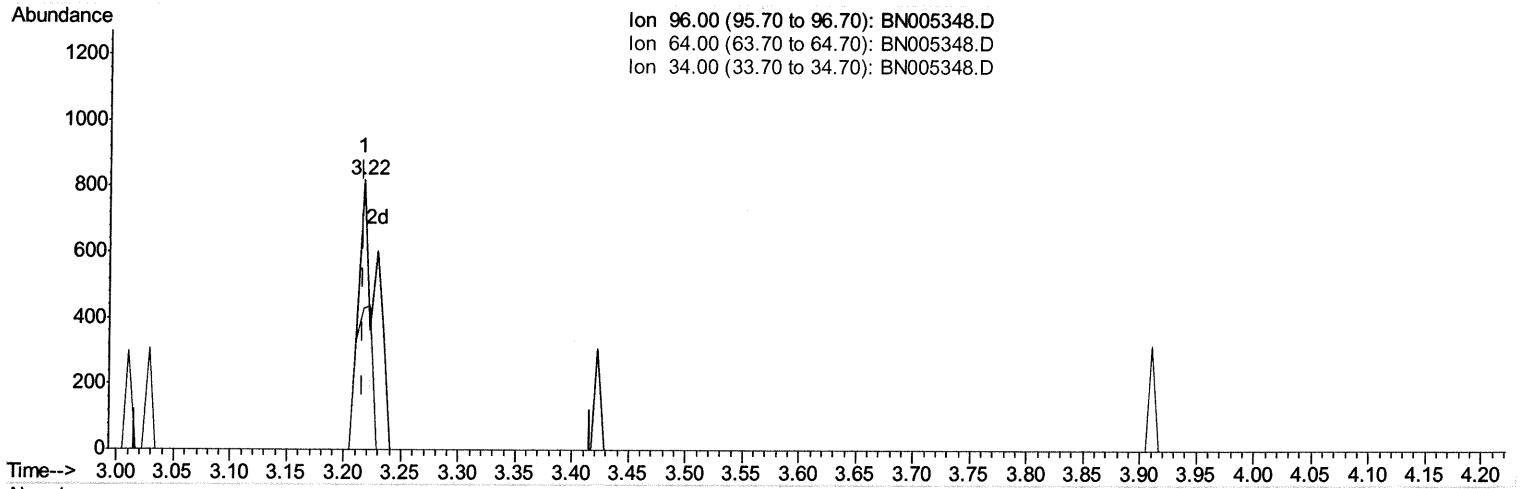
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Quant Time: Apr 29 02:24:08 2019
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(3) 1,4-Dioxane-d8 (S)

3.217min (+0.000) 0.06ng/uL

response 540

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	52.32#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

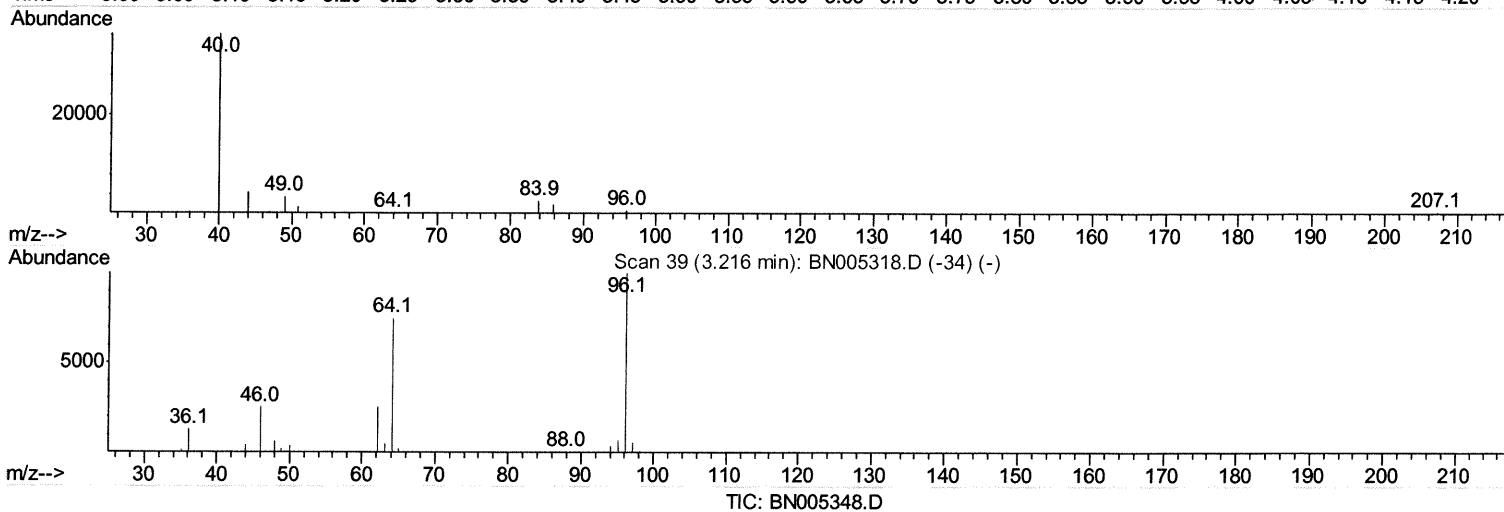
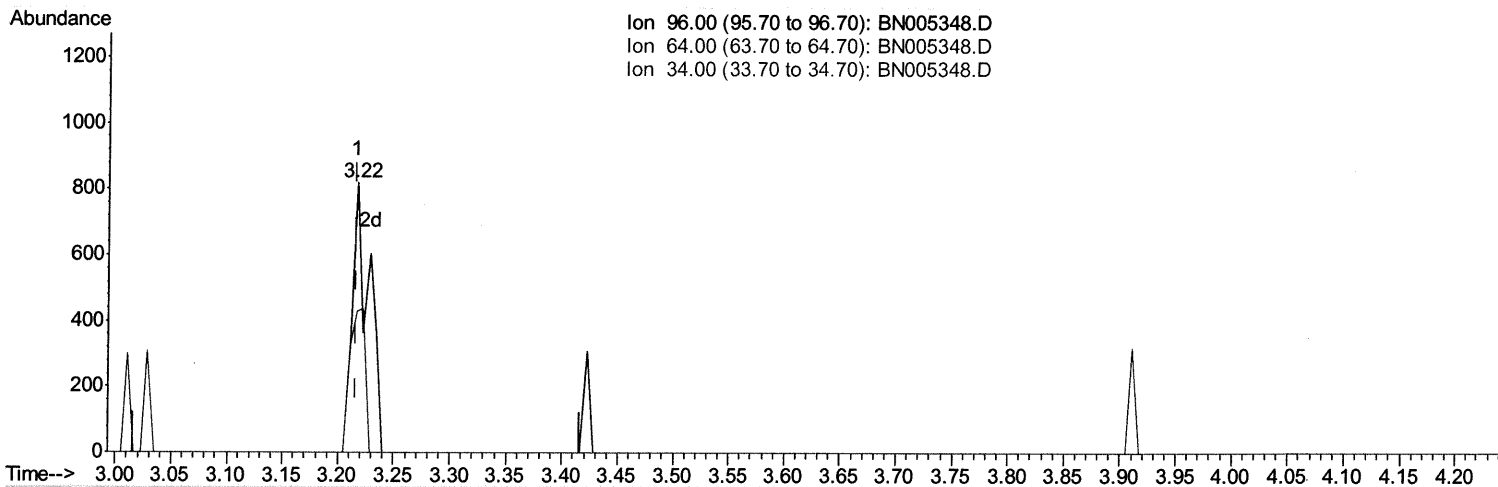
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.217min (+0.000) 0.10ng/uL m

SJ 64/30/19

response 881

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	52.32#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

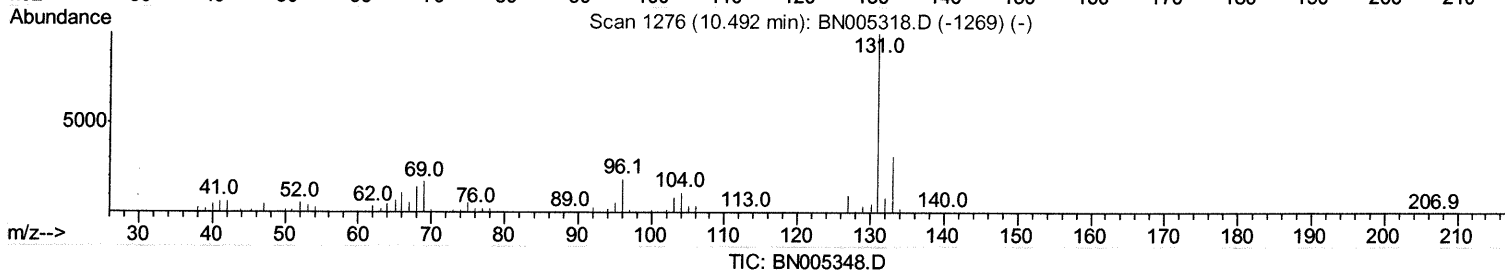
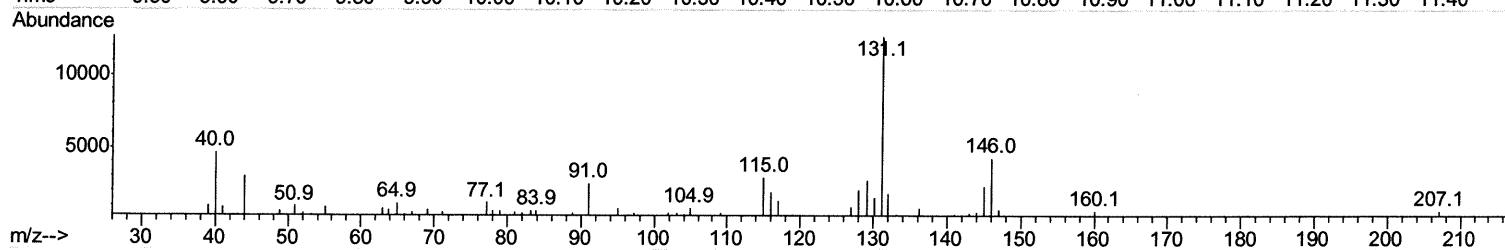
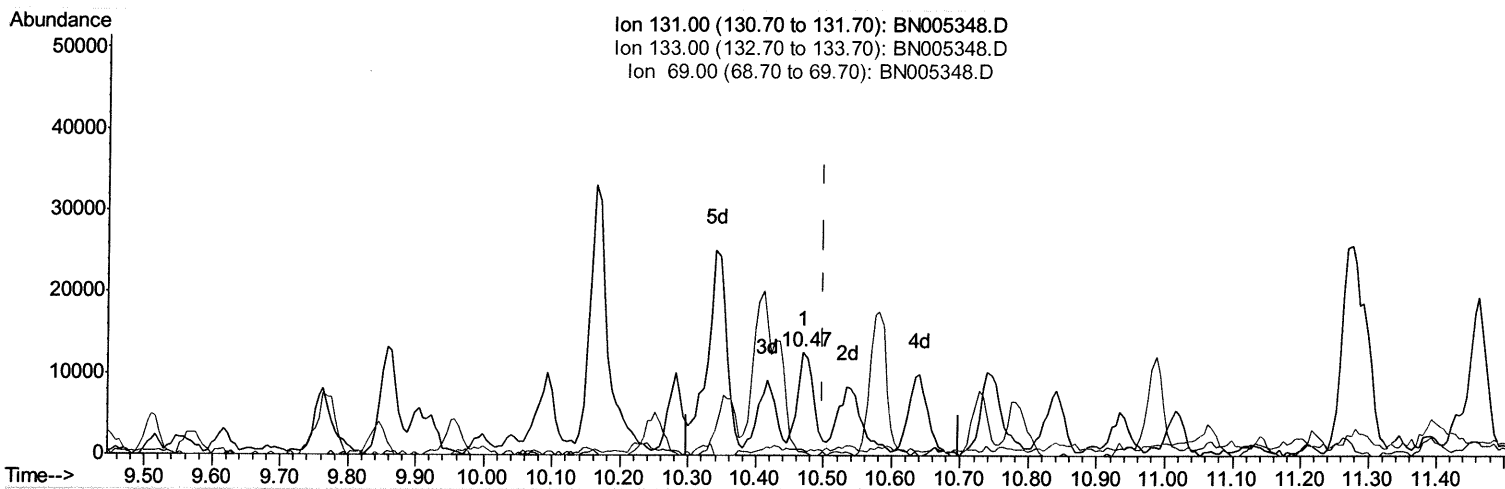
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:28 PM

Quant Time: Apr 29 04:39:56 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



(29) 4-Chloroaniline-d4 (S)

10.469min (-0.029) 0.74ng/ul

response 18744

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	3.39#
69.00	18.90	5.54#
0.00	0.00	0.00

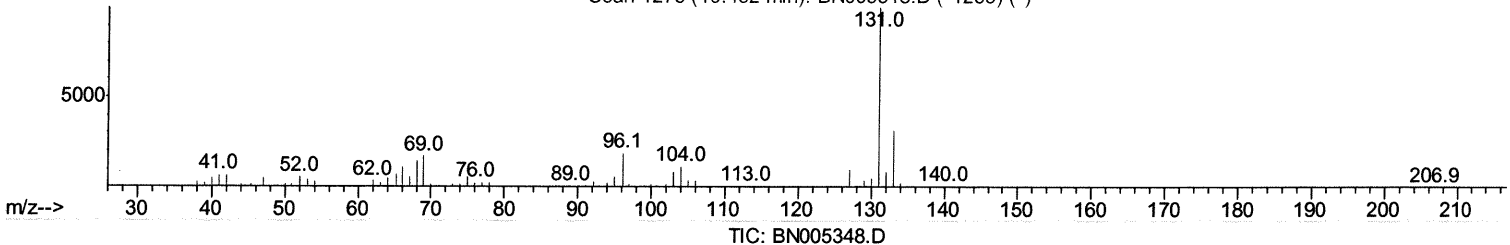
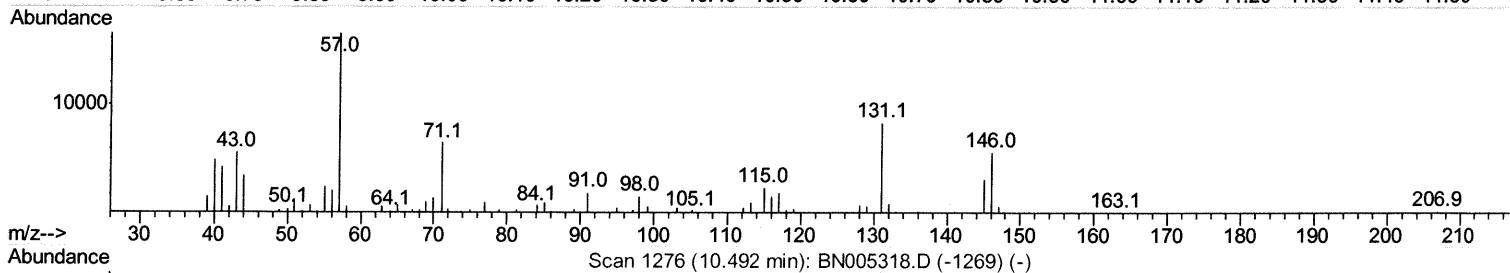
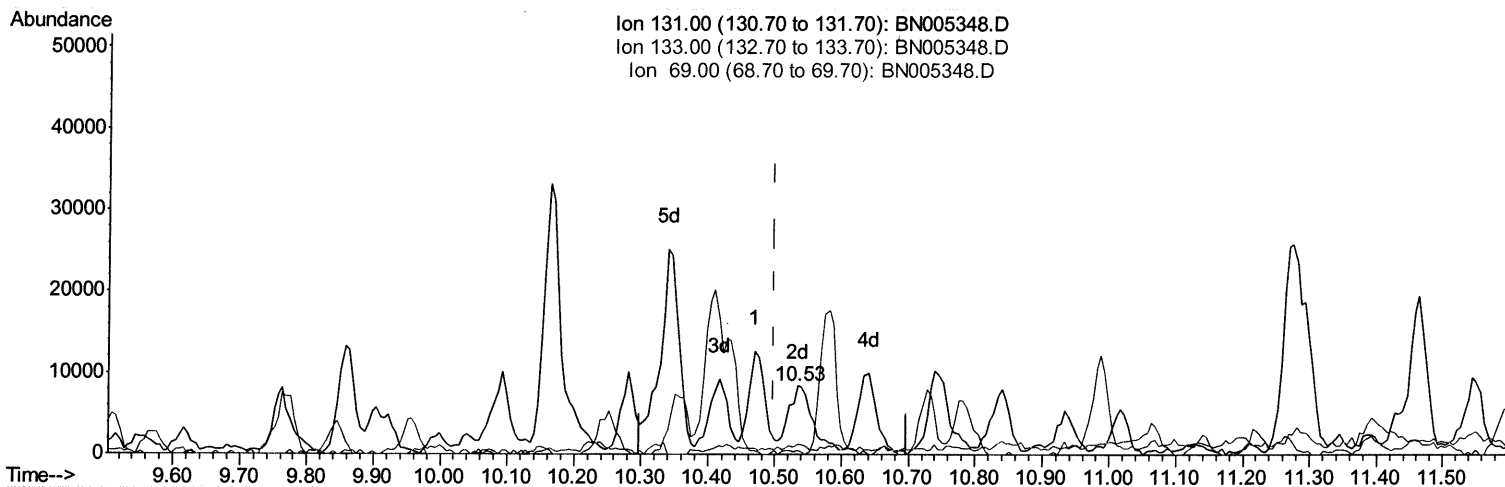
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Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHW8DL

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:28 PM

Quant Time: Apr 29 04:39:56 2019
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QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.534min (+0.036) 0.74ng/ul m-SJ04/30/19

response 18896

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	5.29#
69.00	18.90	14.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

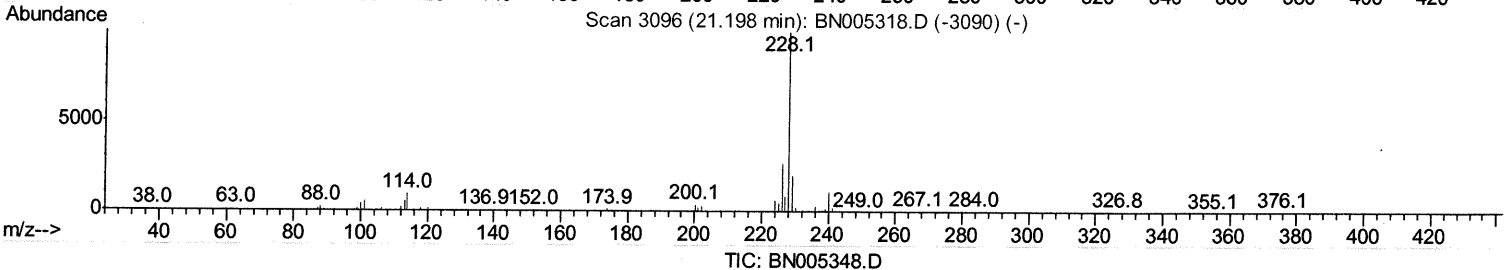
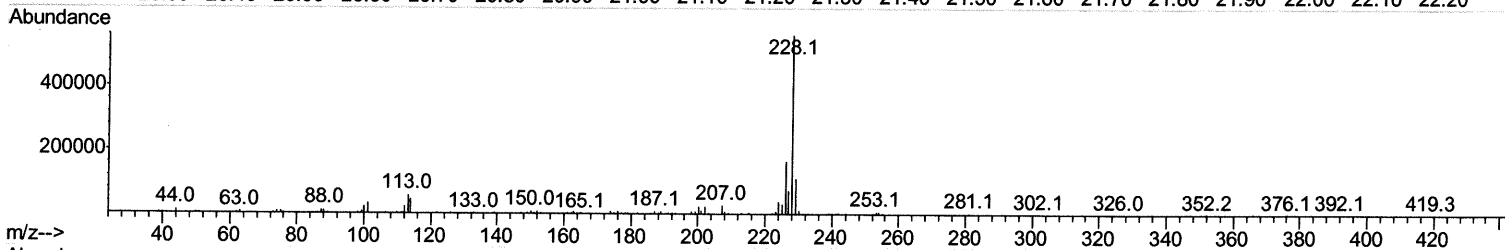
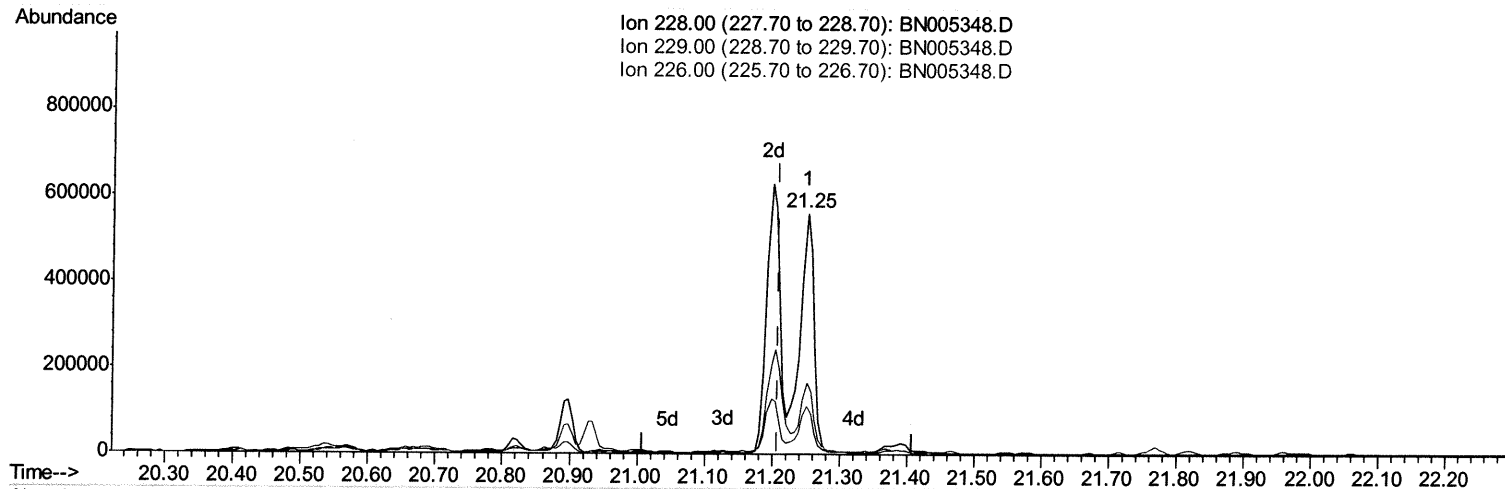
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005348.D
 Acq On : 27 Apr 2019 09:43
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:28 PM

Quant Time: Apr 29 04:39:56 2019
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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.251min (+0.041) 7.04ng/ul

response 786552

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	19.66
226.00	26.80	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

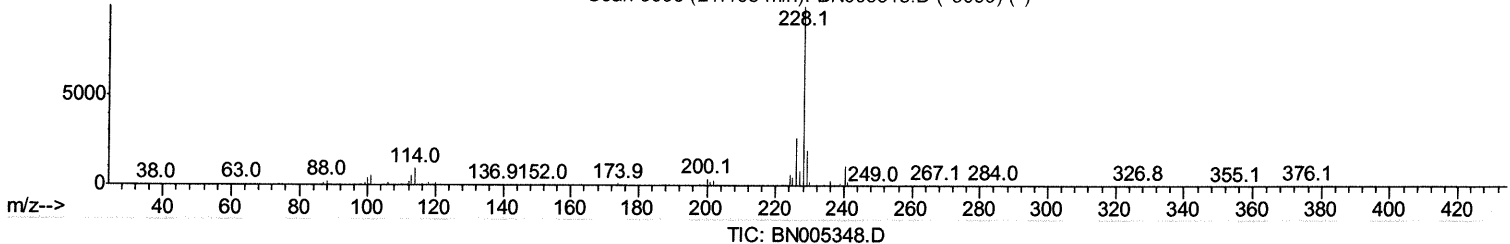
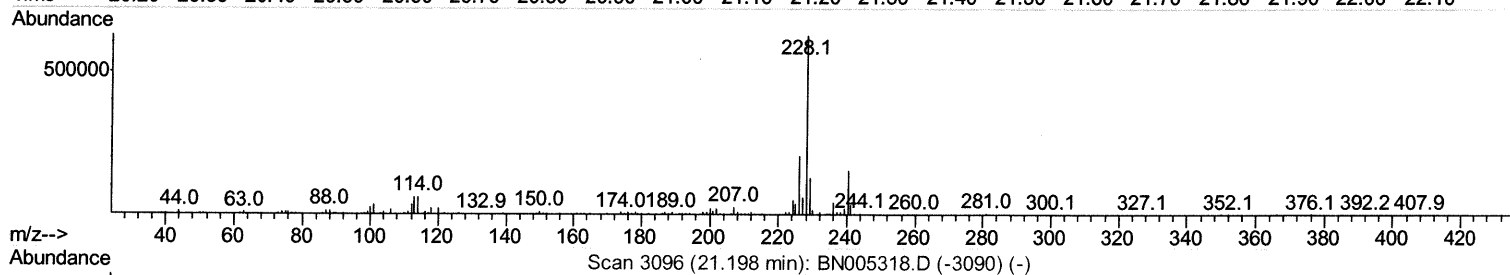
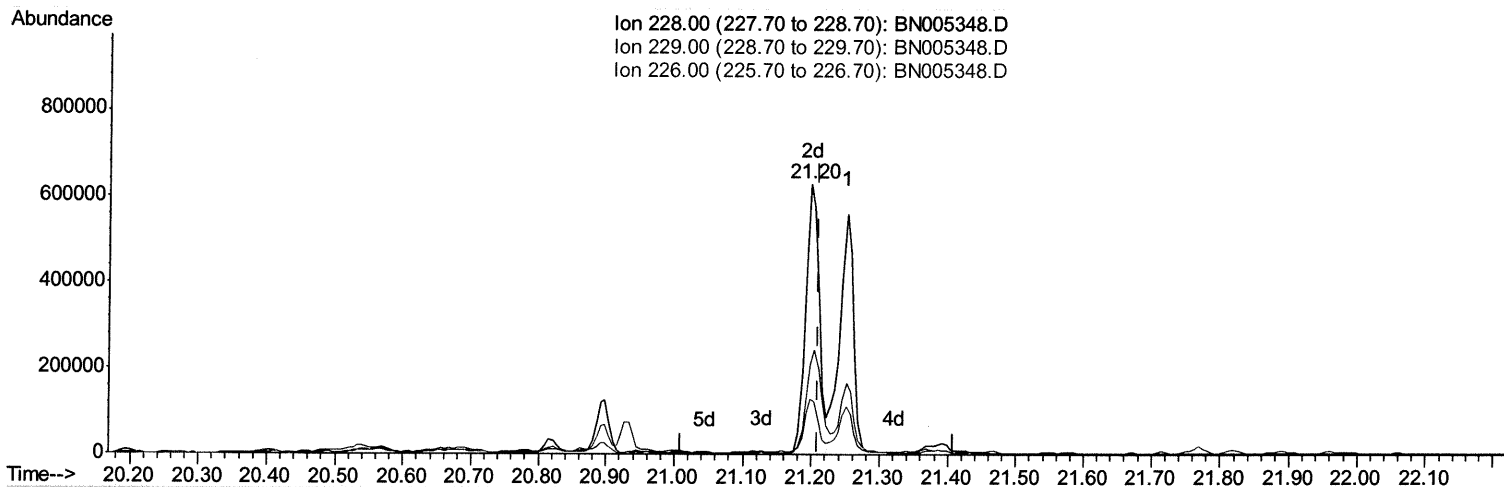
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005348.D
 Acq On : 27 Apr 2019 09:43
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:28 PM

Quant Time: Apr 29 04:39:56 2019
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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.198min (-0.011) 7.79ng/ul m *SS04/20/19*

response 870133

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.33
226.00	26.80	33.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

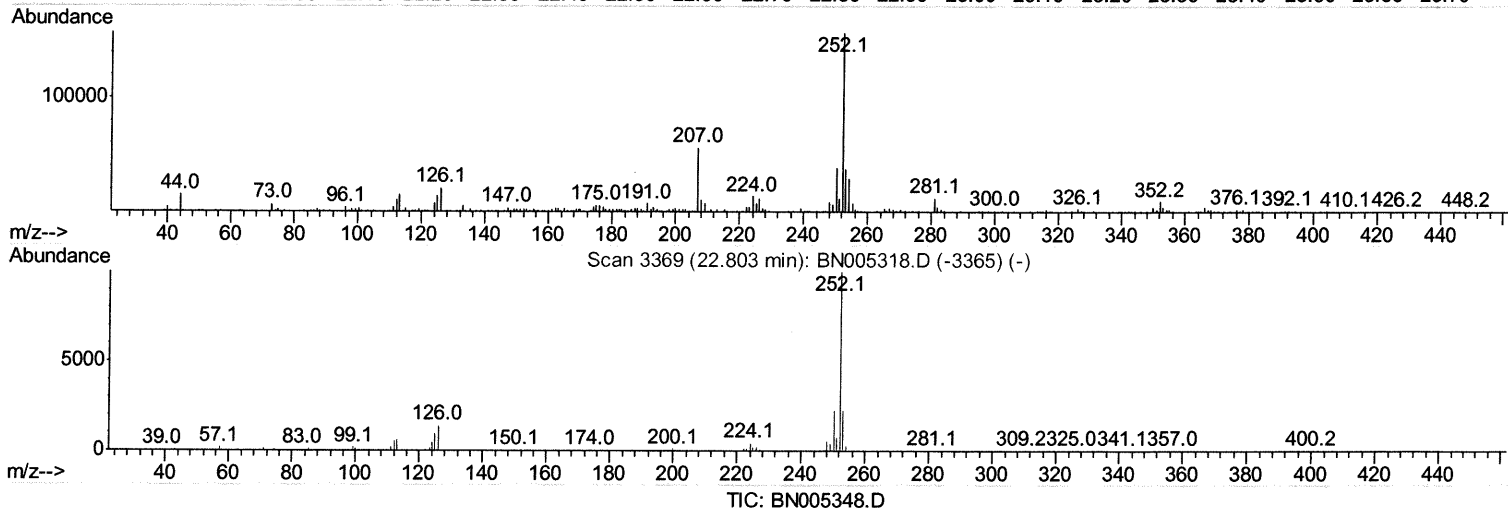
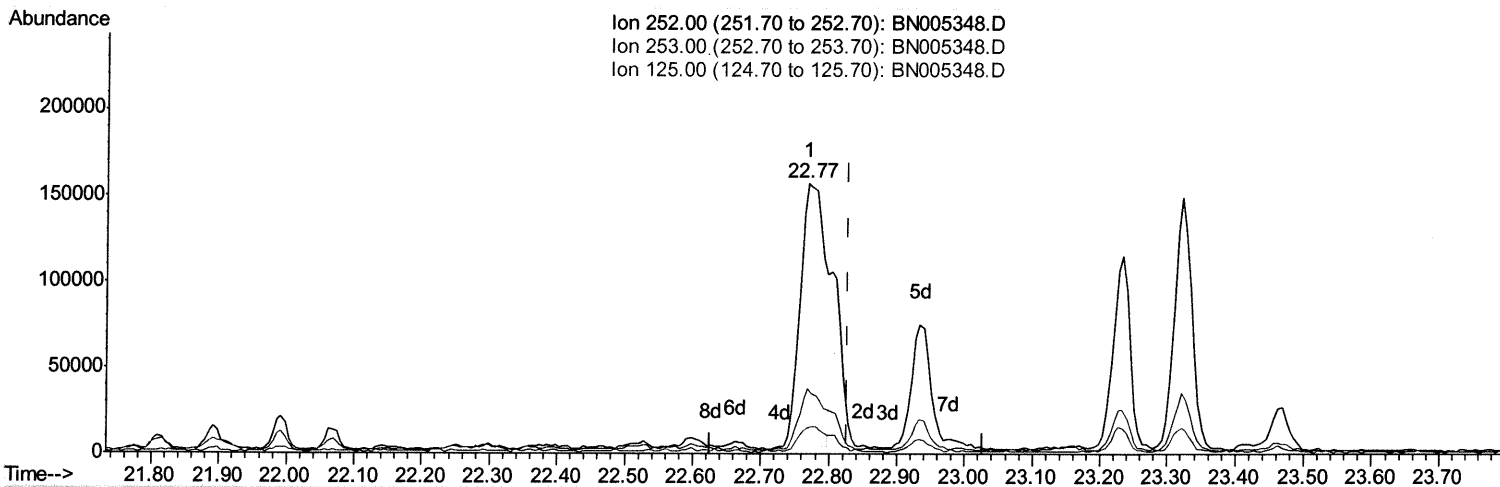
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 Data File : BN005348.D
 Acq On : 27 Apr 2019 09:43
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:28 PM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



m/z-->

TIC: BN005348.D

(88) Benzo(k)fluoranthene

22.768min (-0.059) 4.22ng/ui

response 386488

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.00
125.00	9.40	9.34
0.00	0.00	0.00

Quantitation Report (Qedit)

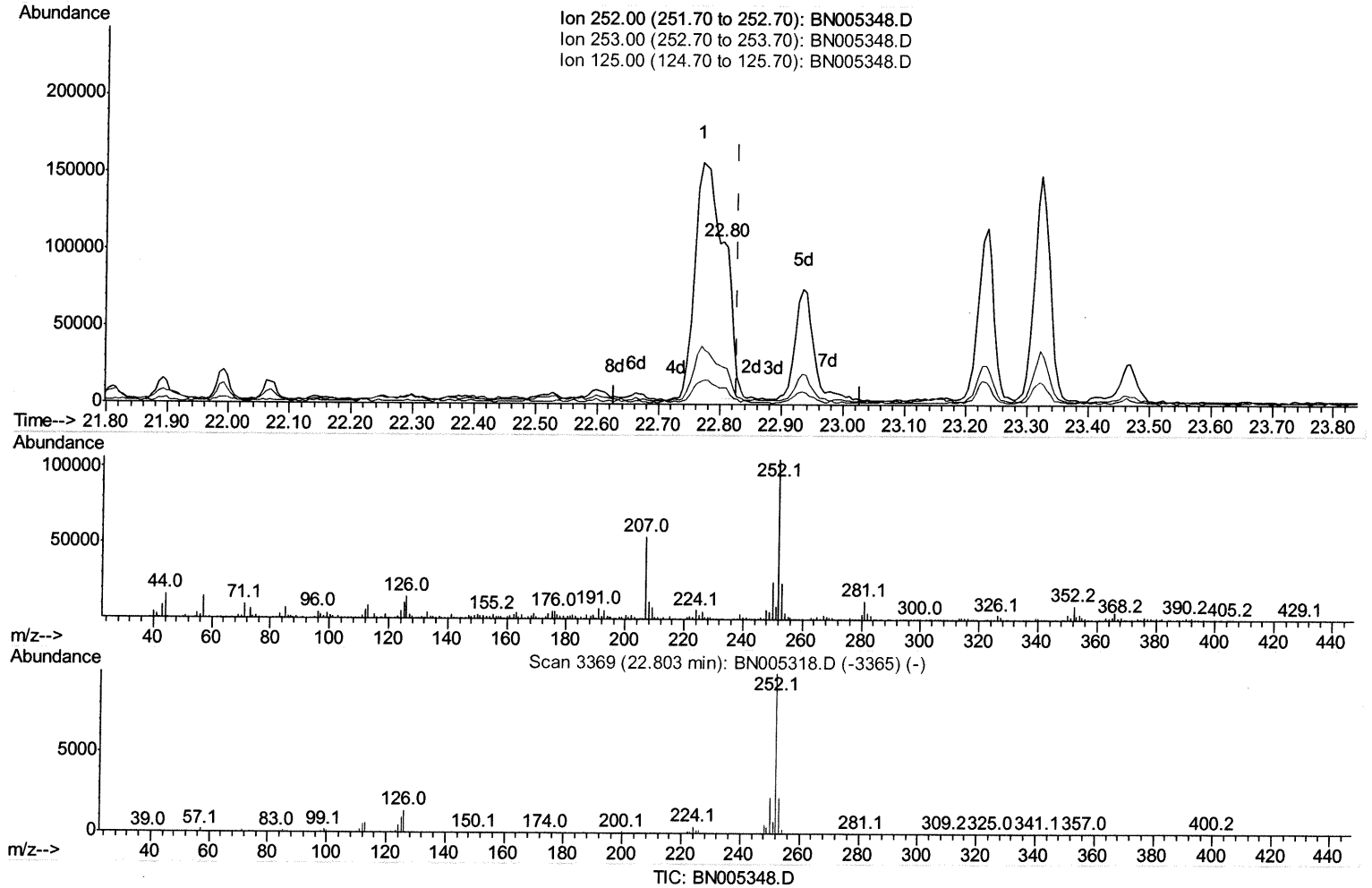
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005348.D
 Acq On : 27 Apr 2019 09:43
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHW8DL

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:28 PM

Quant Time: Apr 29 04:39:56 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



(88) Benzo(k)fluoranthene

22.804min (-0.023) 1.28ng/ul m.SS 04/30/19

response 117290

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.95
125.00	9.40	10.26
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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 Acq On : 27 Apr 2019 09:43
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 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:28 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	406667	20.00	nq/ul	0.00
18) Naphthalene-d8	10.35	136	1721563	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.23	164	1012021	20.00	nq/ul	0.00
61) Phenanthrene-d10	16.99	188	2237847	20.00	nq/ul	0.00
77) Chrysene-d12	21.22	240	1795127	20.00	nq/ul	-0.01
85) Perylene-d12	23.42	264	1705036	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	881m	0.10	nq/uL	→ 0.00	SS 04/30/19
5) Phenol-d5	6.78	99	20160	0.63	nq/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.95	67	11806	0.59	nq/ul	0.00	
9) 2-Chlorophenol-d4	7.13	132	16100	0.66	nq/ul	0.00	
13) 4-Methylphenol-d8	8.29	113	14611	0.59	nq/ul	0.00	
19) Nitrobenzene-d5	8.73	128	8906	0.84	nq/ul	0.00	
22) 2-Nitrophenol-d4	9.45	143	8277	0.77	nq/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.99	165	17353	0.70	nq/ul	0.00	
29) 4-Chloroaniline-d4	10.53	131	18896m	0.74	nq/ul	→ 0.04	SS 04/30/19
43) Dimethylphthalate-d6	13.65	166	61582	0.84	nq/ul	0.00	
46) Acenaphthylene-d8	13.92	160	68519	0.76	nq/ul	0.00	
51) 4-Nitrophenol-d4	14.45	143	10479	0.90	nq/ul	0.01	
57) Fluorene-d10	15.23	176	61010	0.99	nq/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.36	200	2253	0.22	nq/ul	0.00	
70) Anthracene-d10	17.08	188	84175	0.90	nq/ul	0.00	
78) Pyrene-d10	19.39	212	83267	0.91	nq/ul	0.00	
89) Benzo(a)pyrene-d12	23.28	264	61347	0.82	ng/ul	-0.02	

Target Compounds

Target Compounds					Ovalue	
34) 2-Methylnaphthalene	12.02	142	1121030	19.130	nq/ul	98
40) 1,1'-Biphenyl	13.05	154	638824	8.472	nq/ul	99
47) Acenaphthylene	13.95	152	3262373	36.791	nq/ul	98
49) Acenaphthene	14.29	153	347809	5.745	nq/ul	96
53) Dibenzofuran	14.63	168	394014	4.521	nq/ul	97
58) Fluorene	15.29	166	2017252	29.661	nq/ul	96
69) Phenanthrene	17.03	178	9468836	86.881	nq/ul	98
71) Anthracene	17.12	178	1050667	9.463	nq/ul	99
76) Fluoranthene	19.06	202	1837534	15.200	nq/ul	98
79) Pyrene	19.43	202	2818745	24.387	nq/ul	96
82) Benzo(a)anthracene	21.20	228	870133m	7.792	nq/ul	→ 99
84) Chrysene	21.25	228	786676	7.590	nq/ul	99
87) Benzo(b)fluoranthene	22.77	252	386488	4.032	nq/ul	96
88) Benzo(k)fluoranthene	22.80	252	117290m	1.281	nq/ul	→ 96
90) Benzo(a)pyrene	23.32	252	259121	2.876	nq/ul	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	133325	1.339	nq/ul	96
93) Benzo(a,h,i)perylene	26.27	276	118273	1.436	nq/ul	95

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