

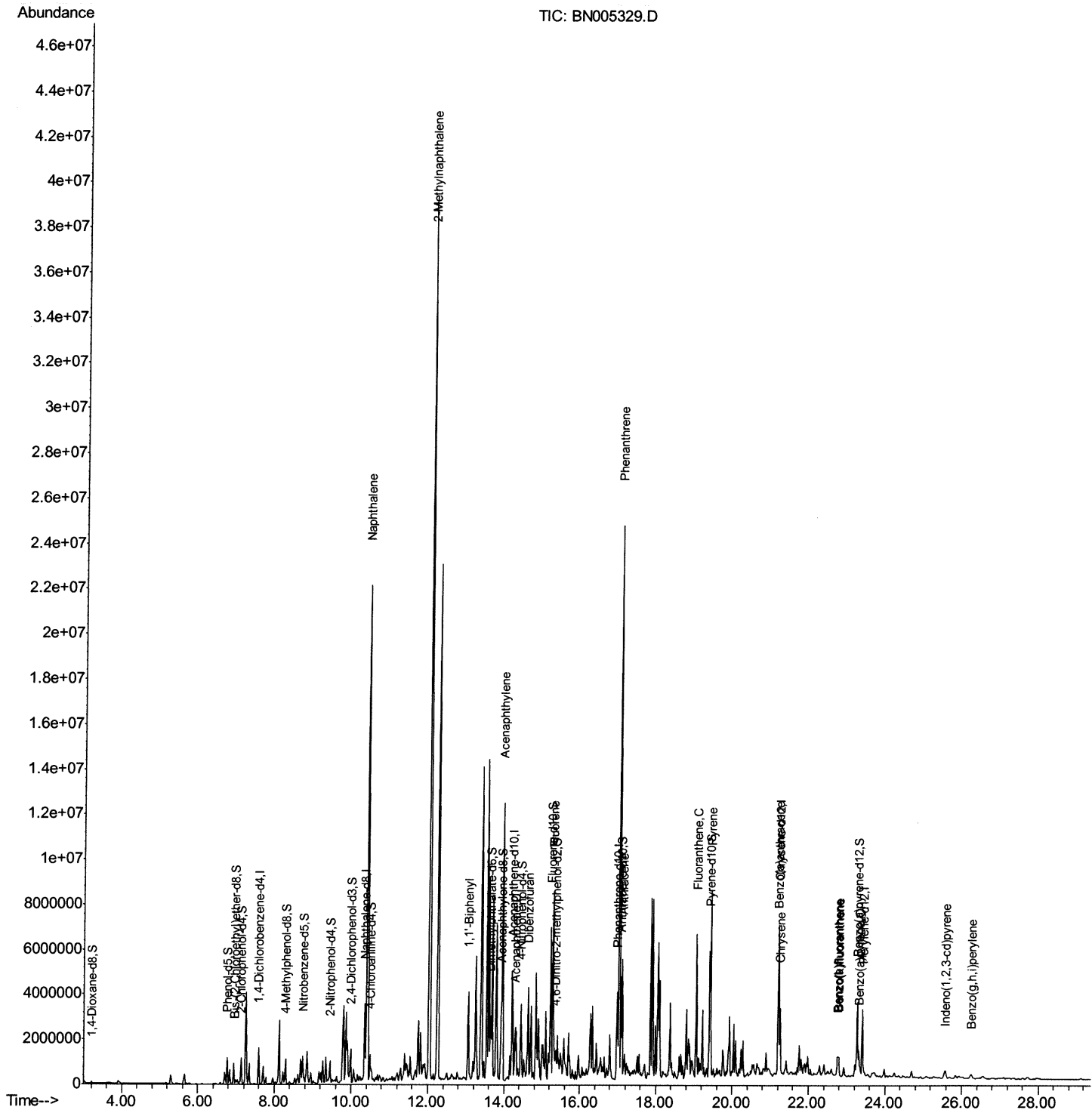
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005329.D
Acq On : 26 Apr 2019 22:47
Operator : JU/SJ
Sample : K2455-11ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHR1ME

Manual Integrations
APPROVED

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

Quant Time: Apr 27 01:40:05 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)

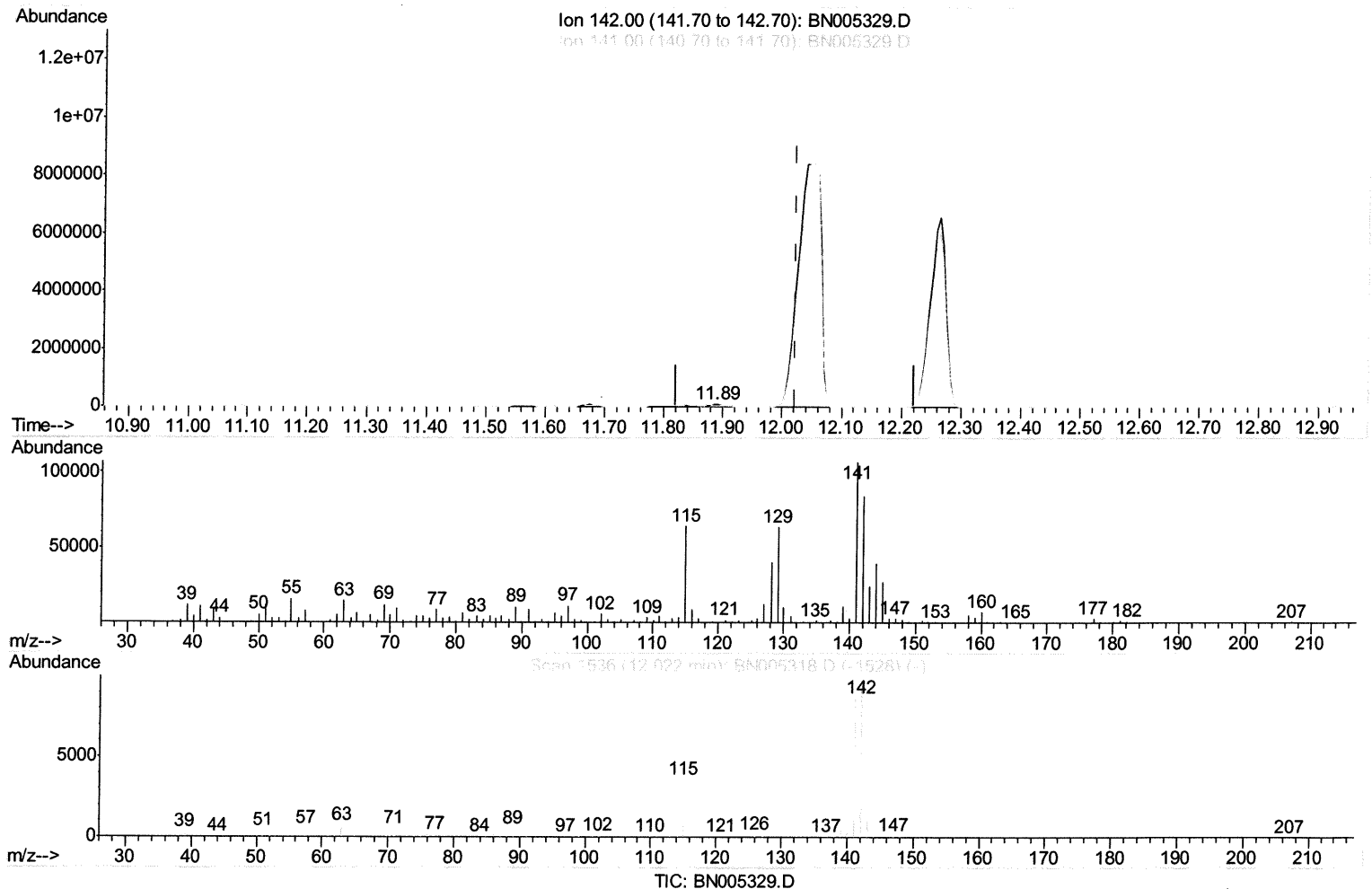
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(34) 2-Methylnaphthalene

11.887min (-0.135) 2.97ng/ul

response 178887

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	126.46#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

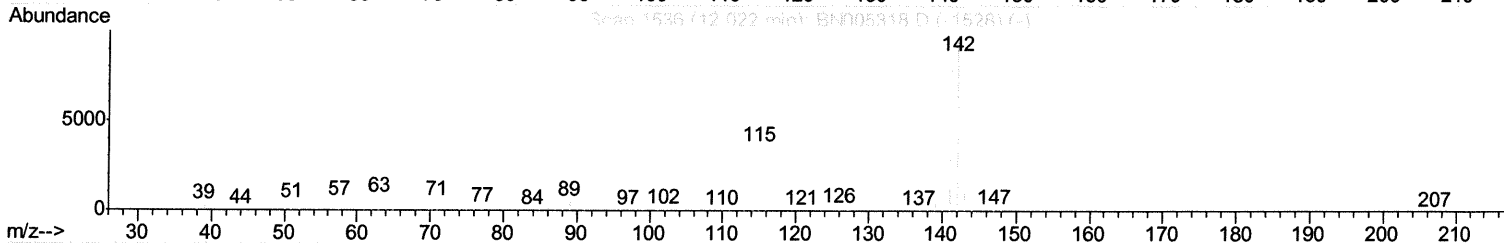
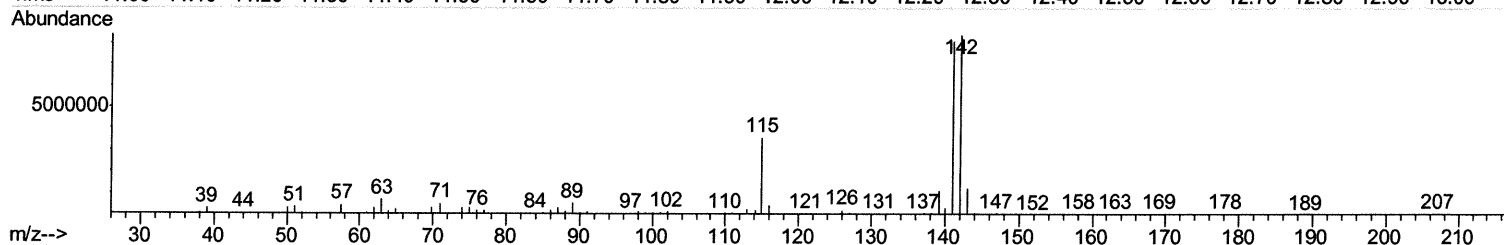
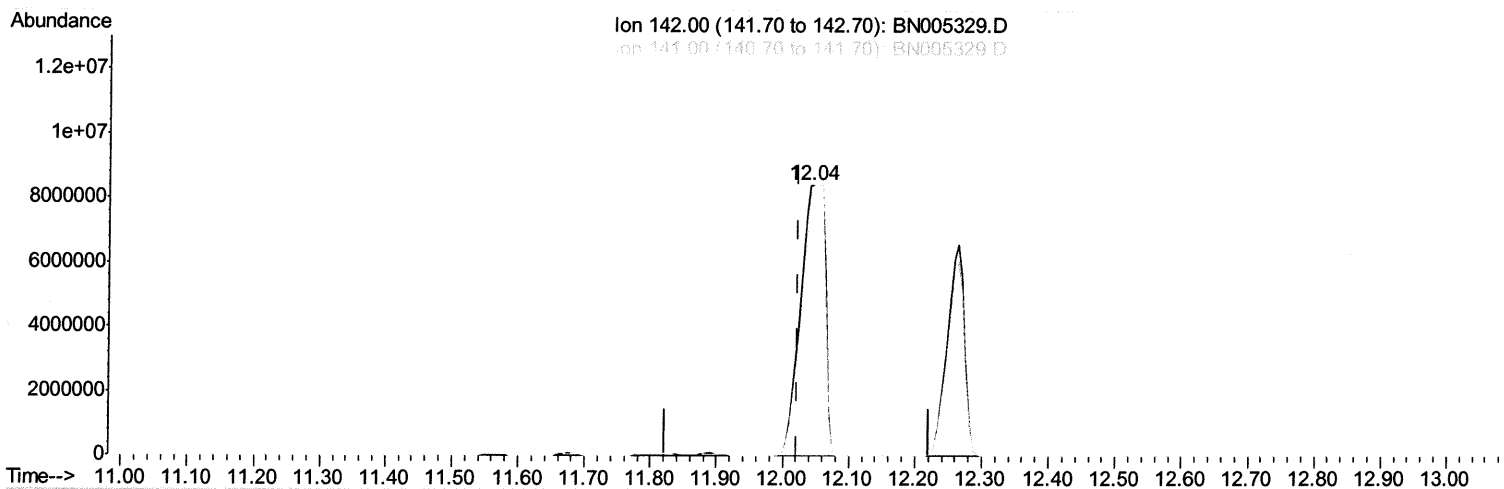
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TIC: BN005329.D

(34) 2-Methylnaphthalene

12.040min (+0.018) 363.24ng/ul m *SJ* 04/20/19

response 21857390

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	96.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

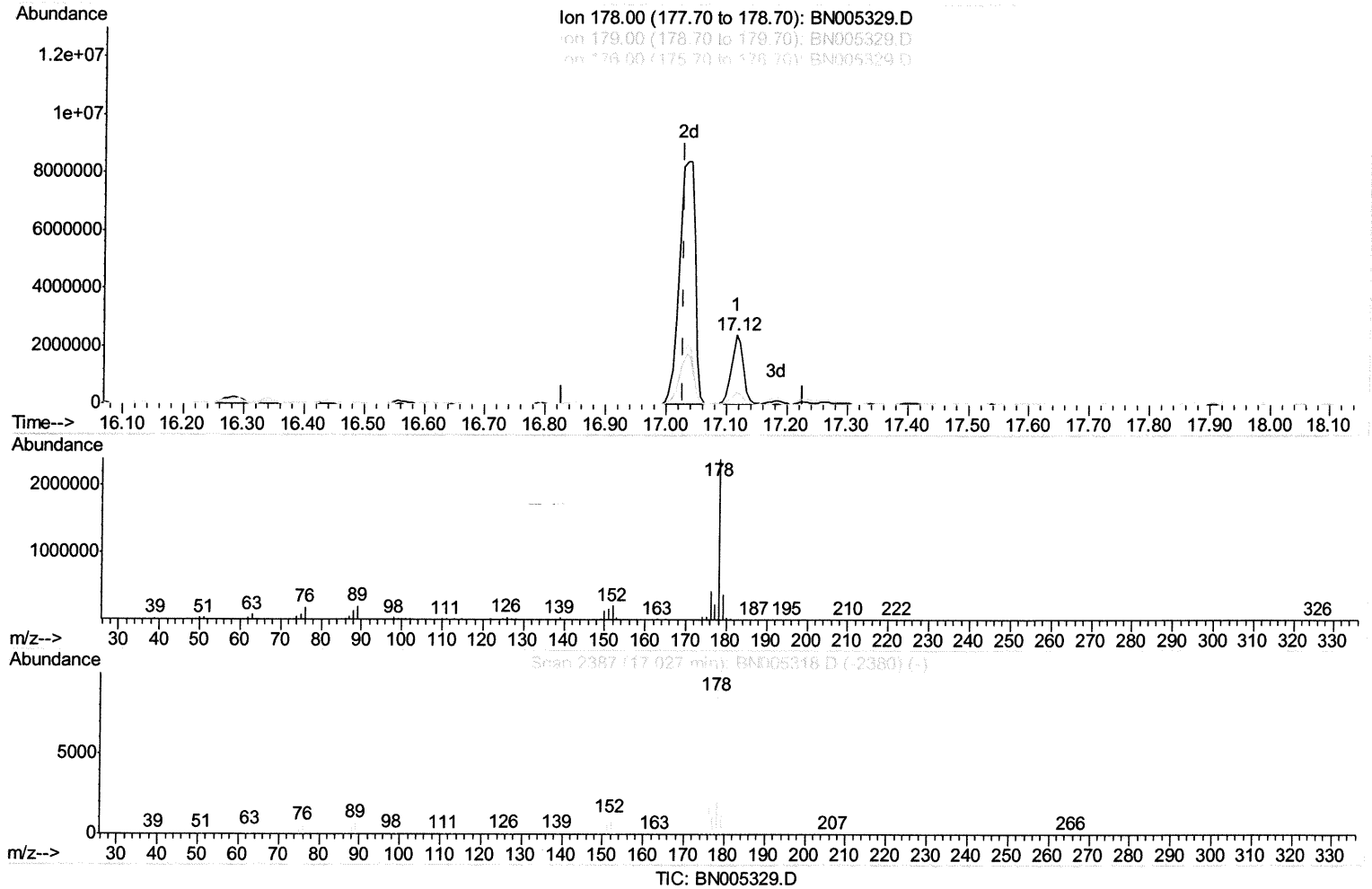
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(69) Phenanthrene

17.116min (+0.089) 26.16ng/ul

response 3237015

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.83
176.00	18.90	17.95
0.00	0.00	0.00

Quantitation Report (Qedit)

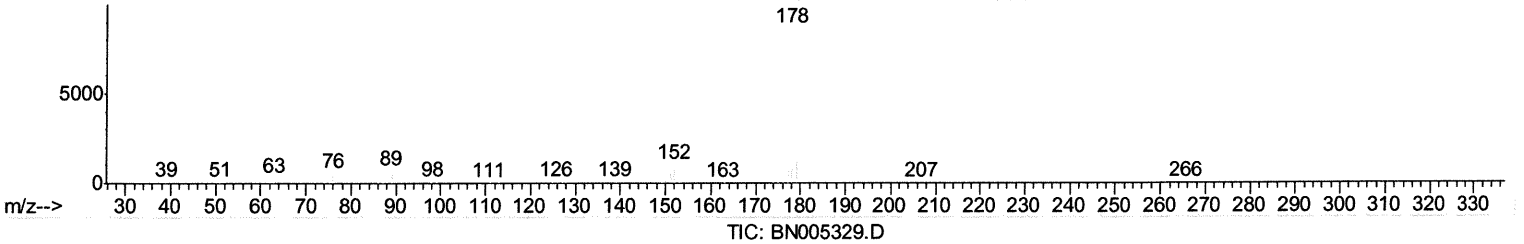
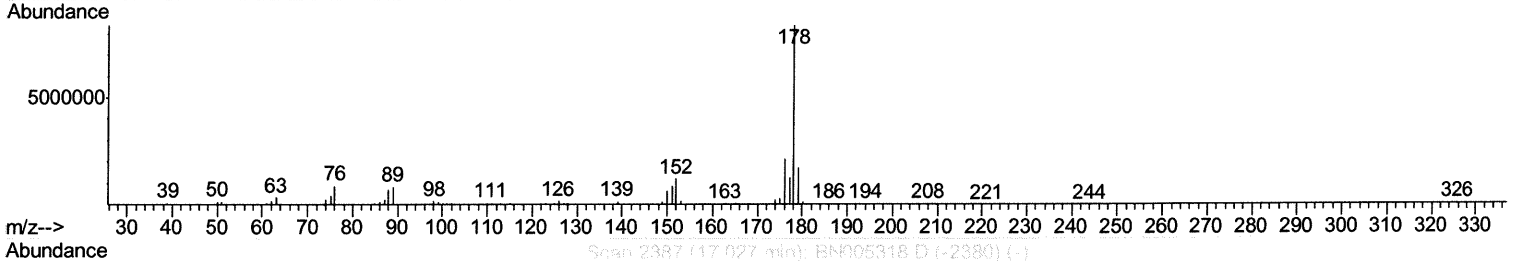
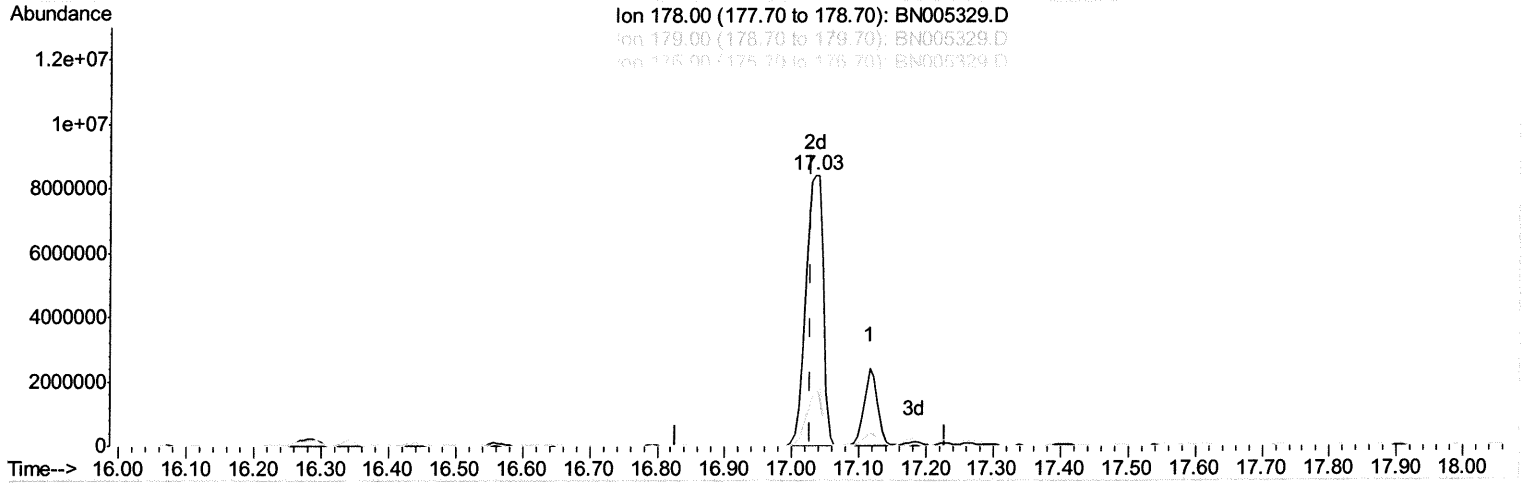
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(69) Phenanthrene

17.034min (+0.006) 122.43ng/ul m

SJ
 04/29/19

response 15149170

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	20.83#
176.00	18.90	25.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

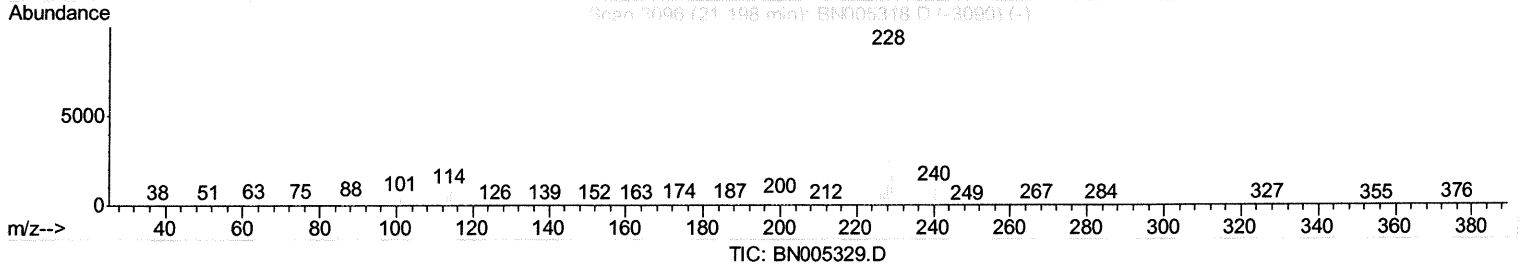
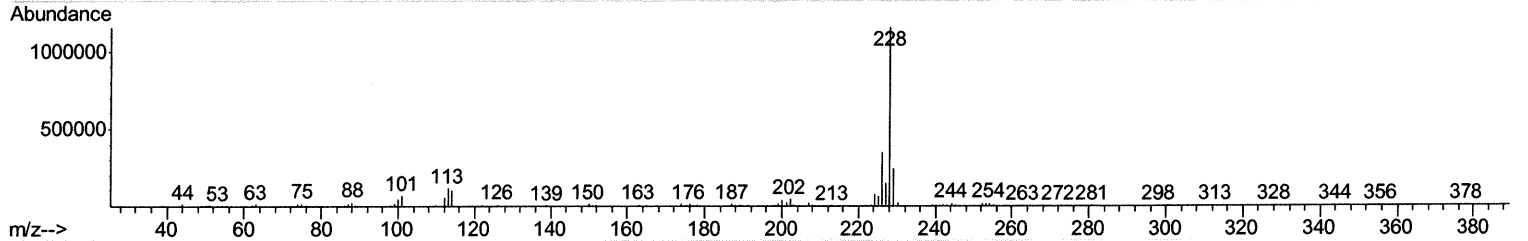
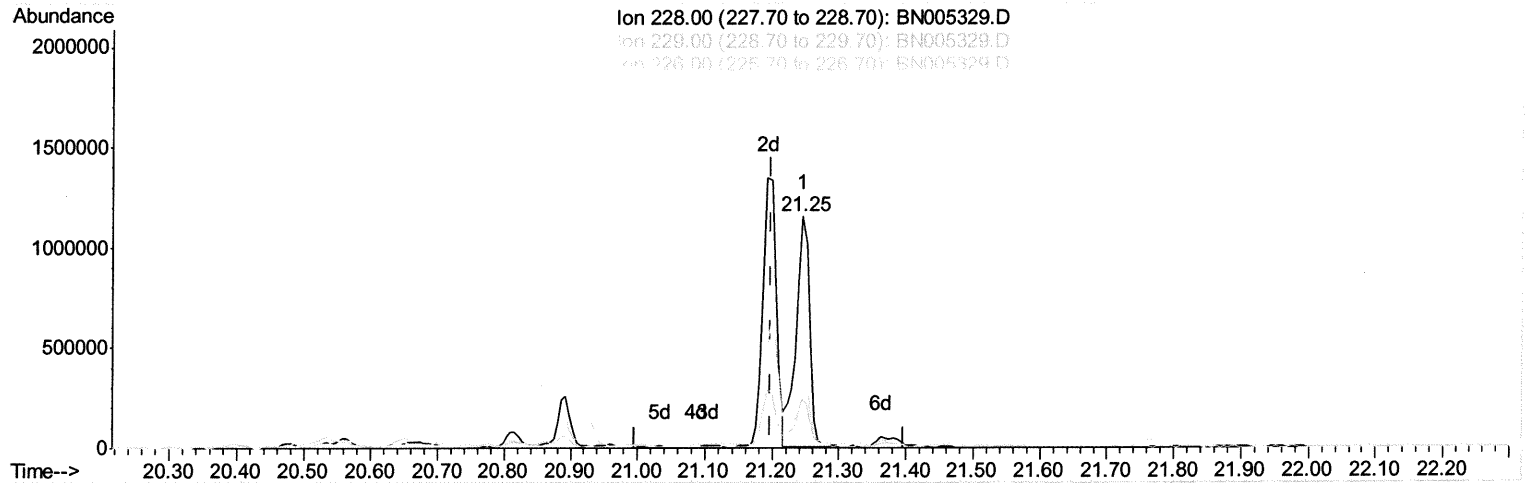
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 Sample : K2455-11ME
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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(82) Benzo(a)anthracene

21.245min (+0.047) 11.08ng/ul

response 1606521

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.40
226.00	26.80	30.18
0.00	0.00	0.00

Quantitation Report (Qedit)

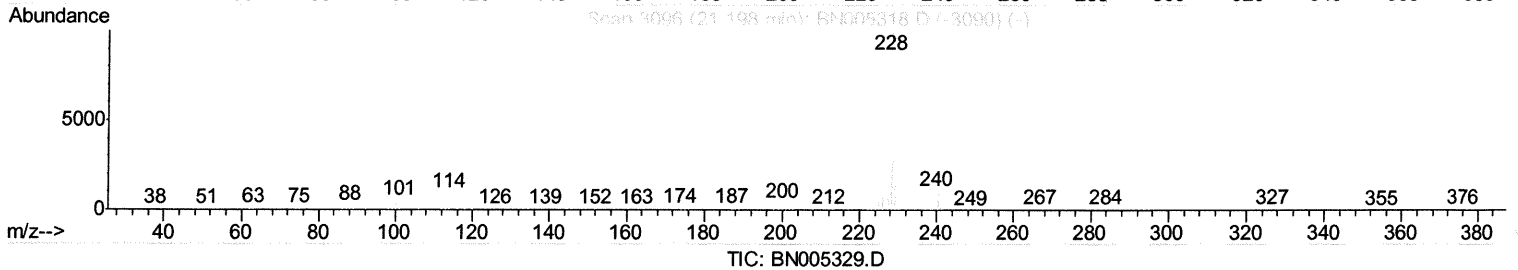
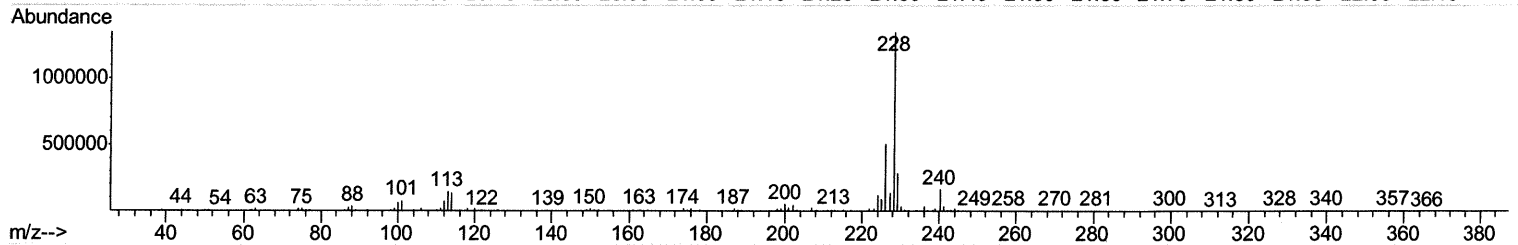
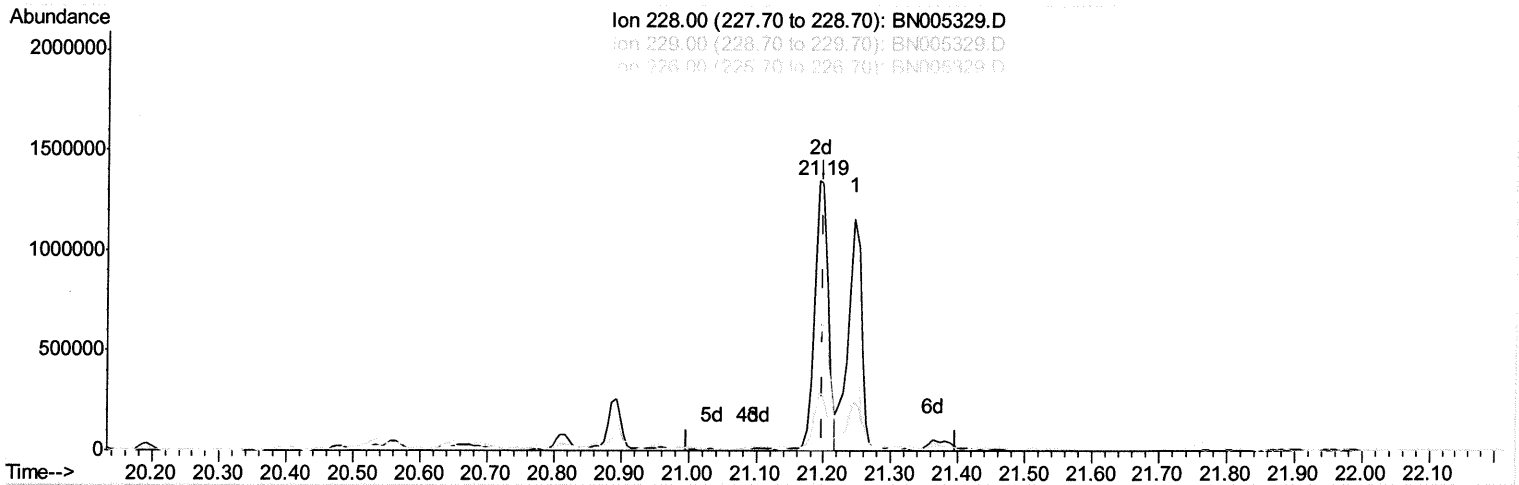
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005329.D
 Acq On : 26 Apr 2019 22:47
 Operator : JU/SJ
 Sample : K2455-11ME
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1ME

Manual Integrations
 APPROVED

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

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(82) Benzo(a)anthracene

21.192min (-0.005) 13.15ng/ul m

SJ
 04/30/19

response 1906979

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.40
226.00	26.80	37.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

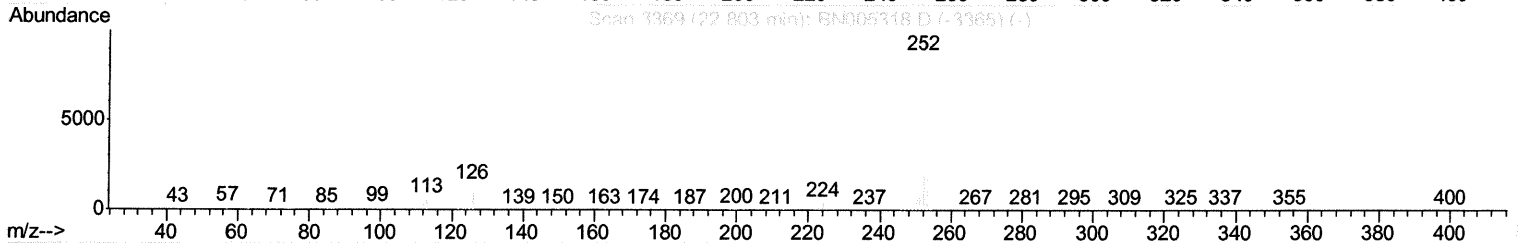
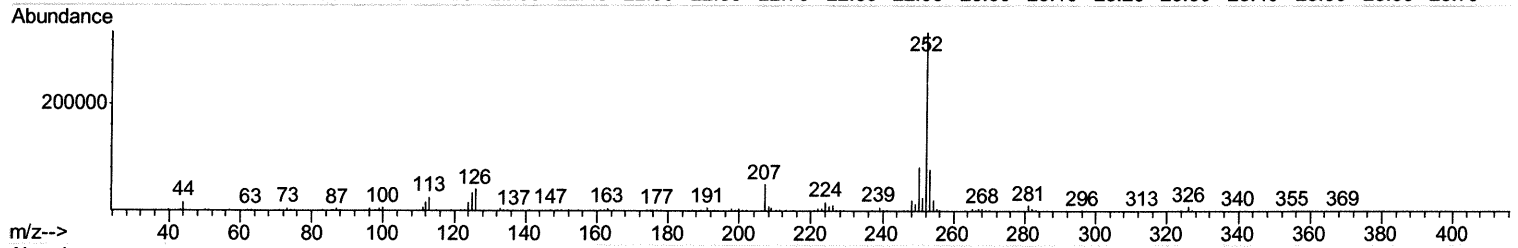
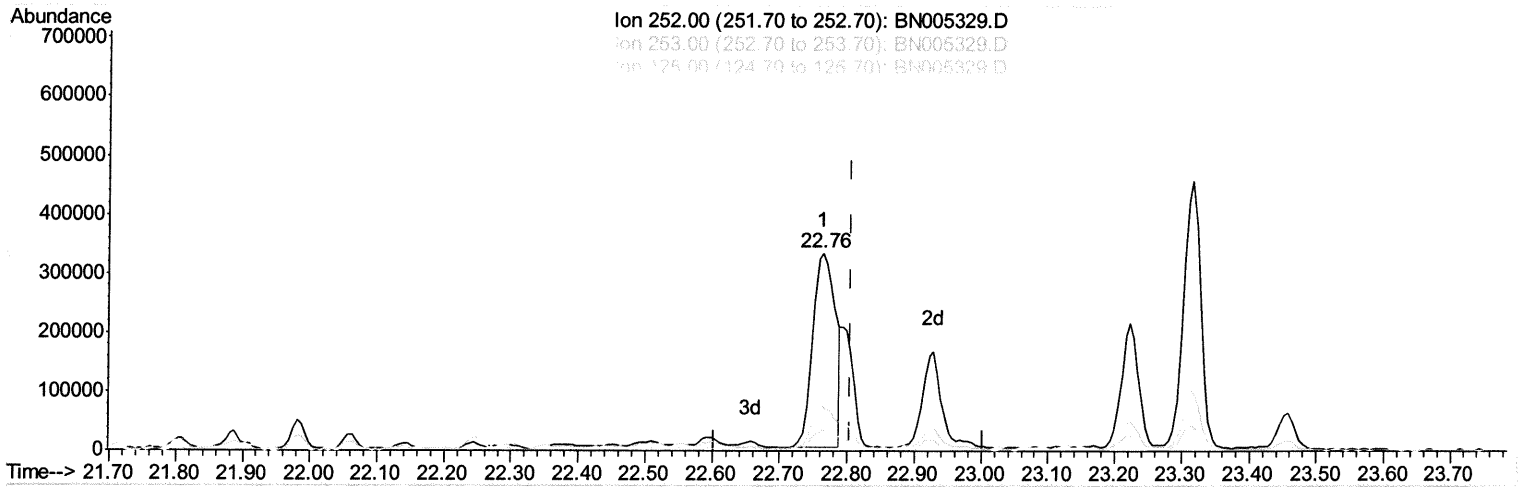
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 Operator : JU/SJ
 Sample : K2455-11ME
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BN005329.D

(88) Benzo(k)fluoranthene

22.763min (-0.041) 6.70ng/ul

response 770103

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.10
125.00	9.40	10.31
0.00	0.00	0.00

Quantitation Report (Qedit)

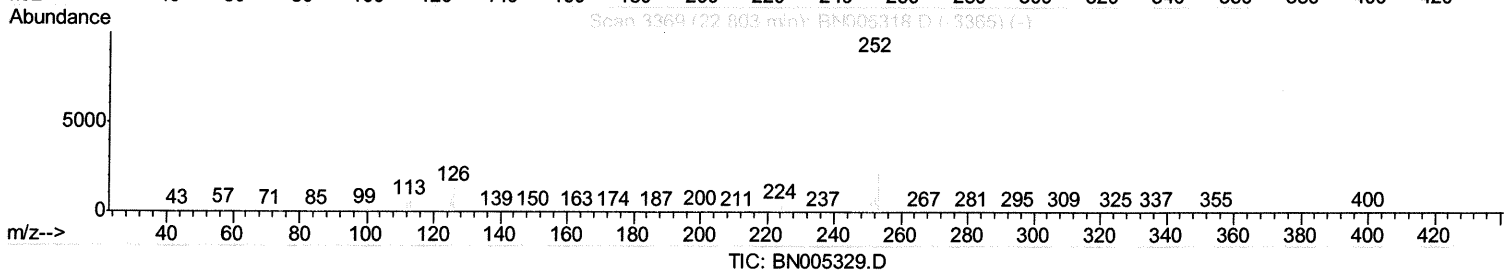
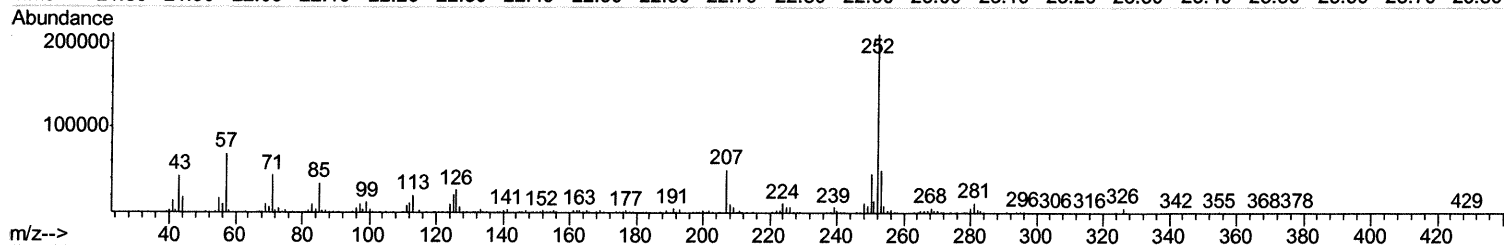
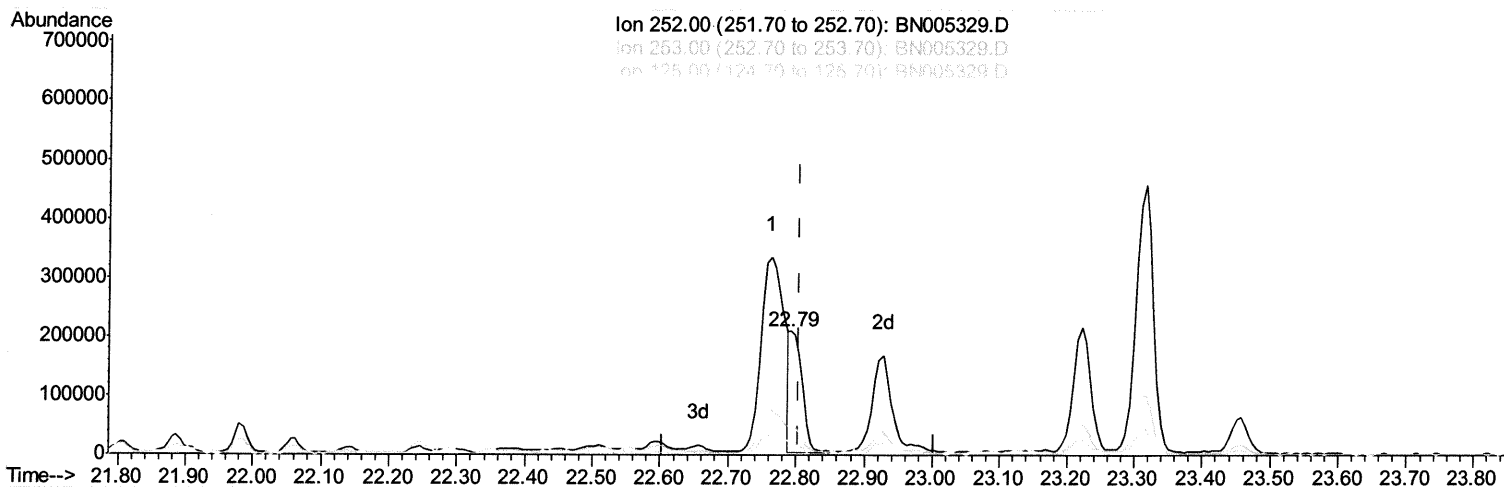
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 Data File : BN005329.D
 Acq On : 26 Apr 2019 22:47
 Operator : JU/SJ
 Sample : K2455-11ME
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(88) Benzo(k)fluoranthene

22.792min (-0.011) 2.28ng/ul mSJ 042619

response 262767

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.26
125.00	9.40	10.49
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	417742	20.00 ng/ul	0.00
18) Naphthalene-d8	10.36	136	1767740	20.00 ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1122090	20.00 ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2540693	20.00 ng/ul	0.00
77) Chrysene-d12	21.21	240	2331113	20.00 ng/ul	0.00
85) Perylene-d12	23.41	264	2142423	20.00 ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	29531	3.41 ng/uL	0.00
5) Phenol-d5	6.78	99	634121	19.33 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	399788	19.53 ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	518216	20.64 ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	419224	16.35 ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	299921	27.57 ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	308679	27.98 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	527743	20.87 ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	668898	25.65 ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1742352	21.39 ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2148601	21.48 ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	263931	20.52 ng/ul	0.00
57) Fluorene-d10	15.23	176	1530181	22.38 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	218862	19.15 ng/ul	0.00
70) Anthracene-d10	17.08	188	2489607	23.37 ng/ul	0.00
78) Pyrene-d10	19.39	212	2871417	24.08 ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2253633	24.07 ng/ul	0.00

Target Compounds

				Qvalue	
28) Naphthalene	10.41	128	17992232	218.939 ng/ul	96
34) 2-Methylnaphthalene	12.04	142	21857390m)	363.244 ng/ul →	96
40) 1,1'-Biphenyl	13.06	154	1838773	21.993 ng/ul	99
47) Acenaphthylene	13.95	152	6589664	67.024 ng/ul#	96
49) Acenaphthene	14.29	153	843087	12.561 ng/ul	98
53) Dibenzofuran	14.63	168	1132806	11.722 ng/ul	96
58) Fluorene	15.29	166	4091839	54.263 ng/ul	97
69) Phenanthrene	17.03	178	15149170m)	122.432 ng/ul →	96
71) Anthracene	17.12	178	3237803	25.687 ng/ul	98
76) Fluoranthene	19.06	202	3382610	24.646 ng/ul	98
79) Pyrene	19.43	202	5307925	35.364 ng/ul	96
82) Benzo(a)anthracene	21.19	228	1906979m)	13.150 ng/ul →	96
84) Chrysene	21.25	228	1606521	11.936 ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	770103	6.395 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	262767m)	2.285 ng/ul →	98
90) Benzo(a)pyrene	23.32	252	813360	7.185 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	255508	2.042 ng/ul	97
93) Benzo(g,h,i)perylene	26.25	276	202636	1.958 ng/ul	97

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