

(QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005629.D
Acq On : 24 May 2016 03:41
Operator : UM/SJ
Sample : H3086-18RE

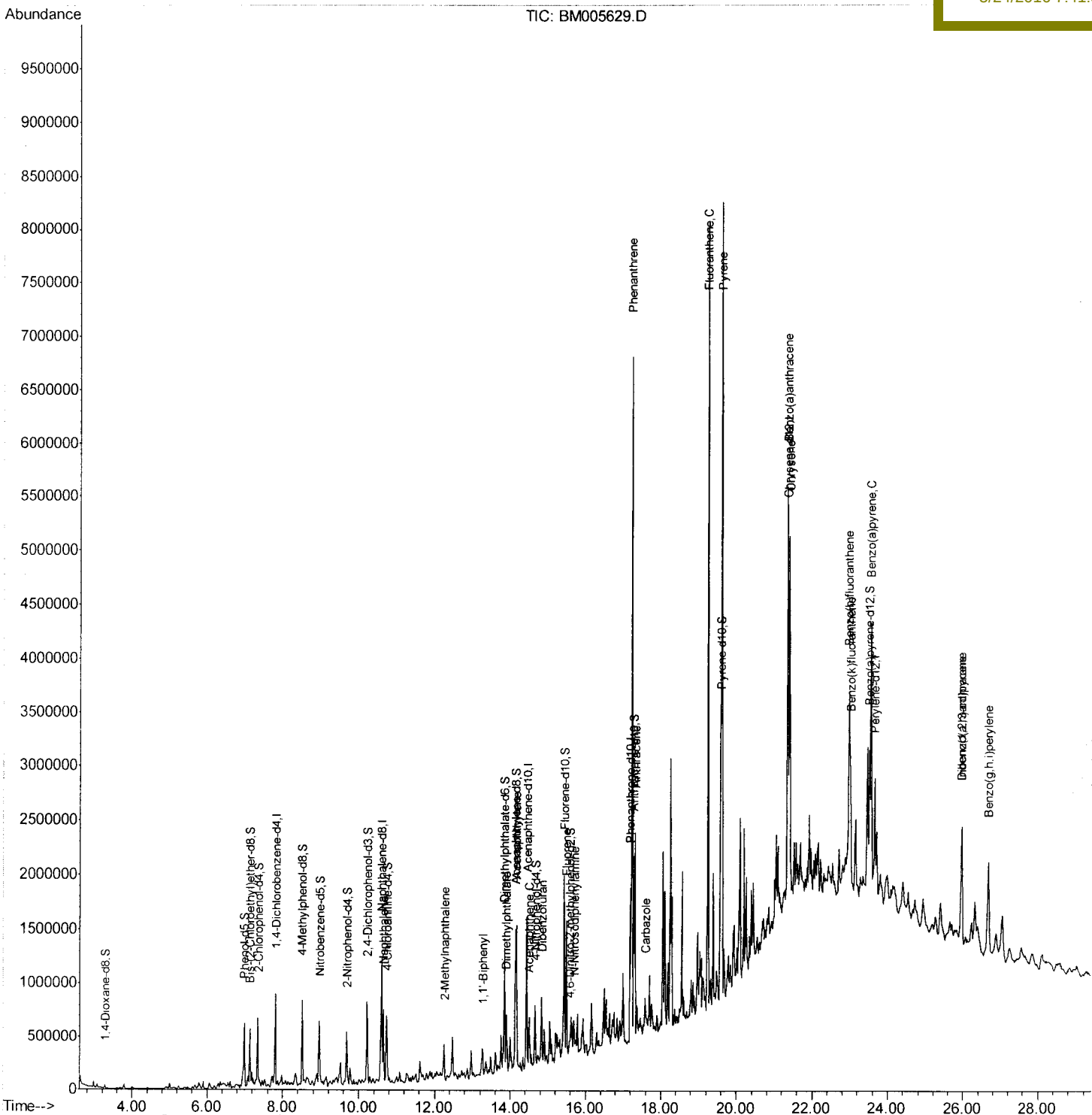
```
Misc      :
ALS Vial  : 15    Sample Multiplier: 1
```

Quant Time: May 24 07:49:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGL2RE

Manual Integrations

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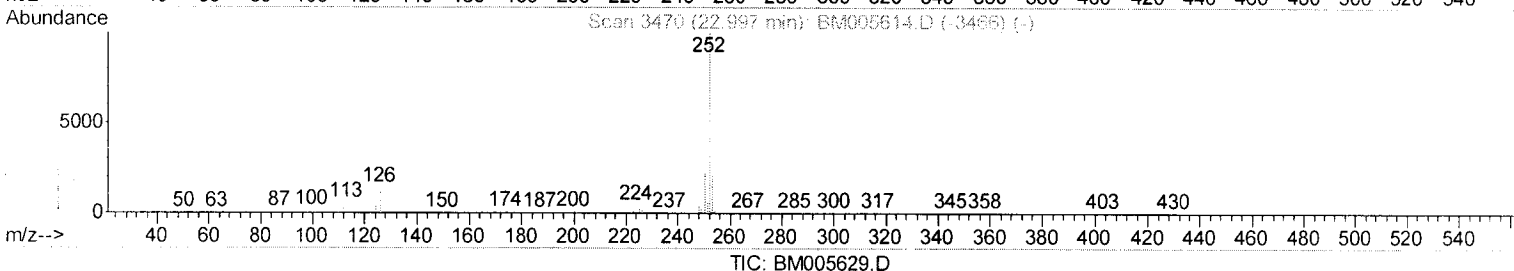
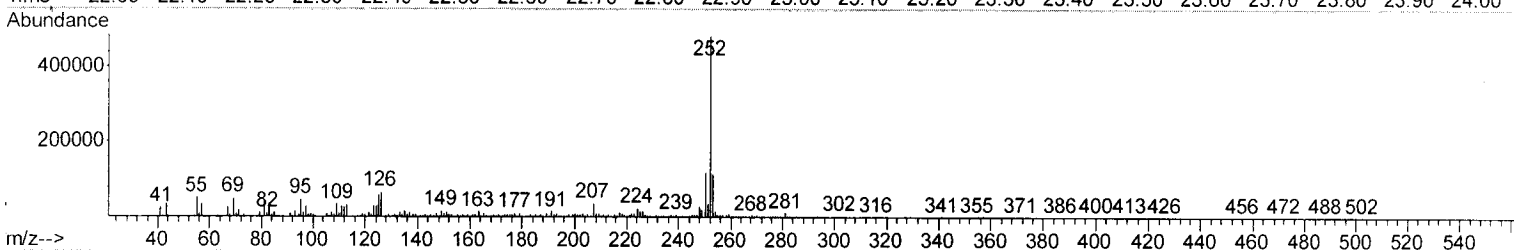
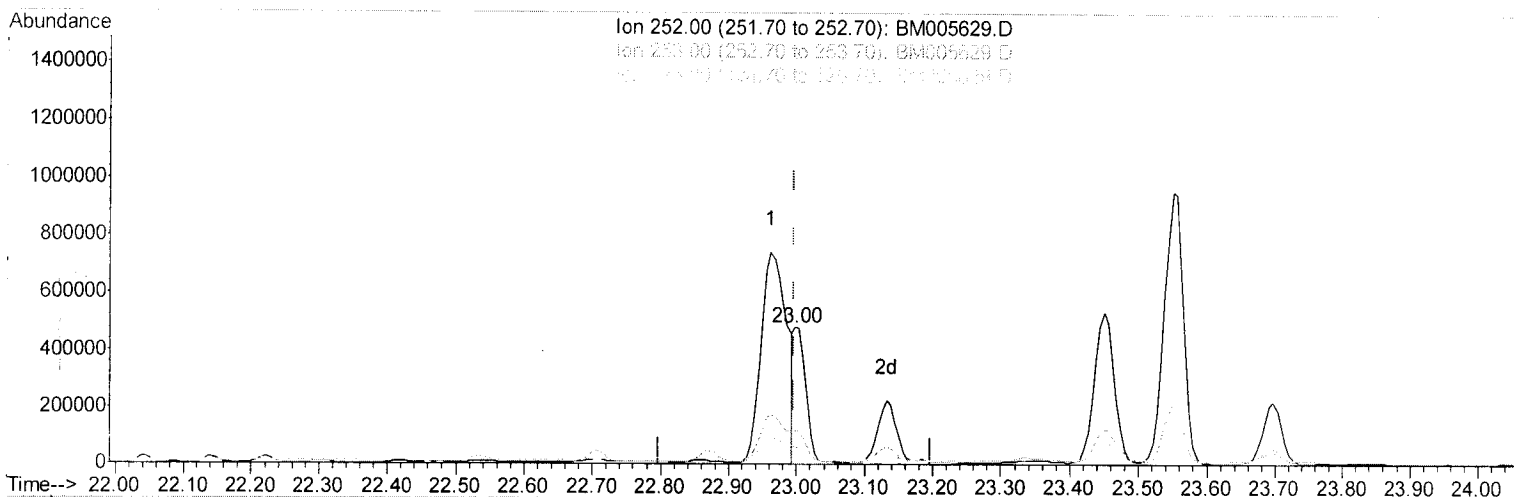
Misc :
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(86) Benzo(k)fluoranthene

22.997min (+0.000) 12.87ng/ul m

response 619013

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.11
125.00	8.80	12.71#
0.00	0.00	0.00

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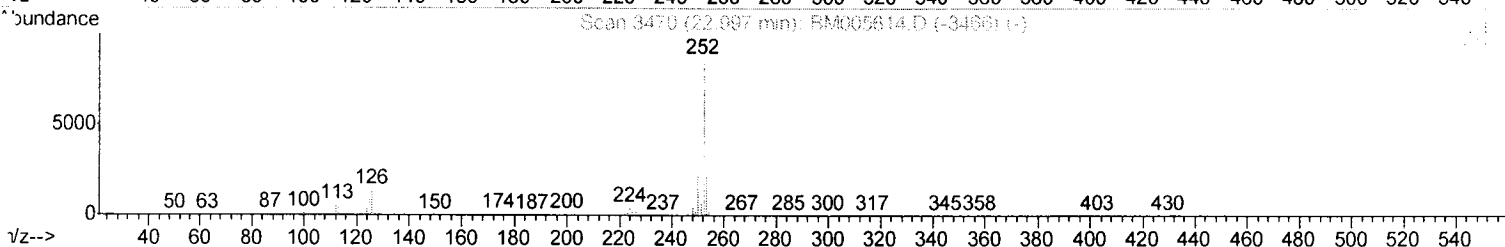
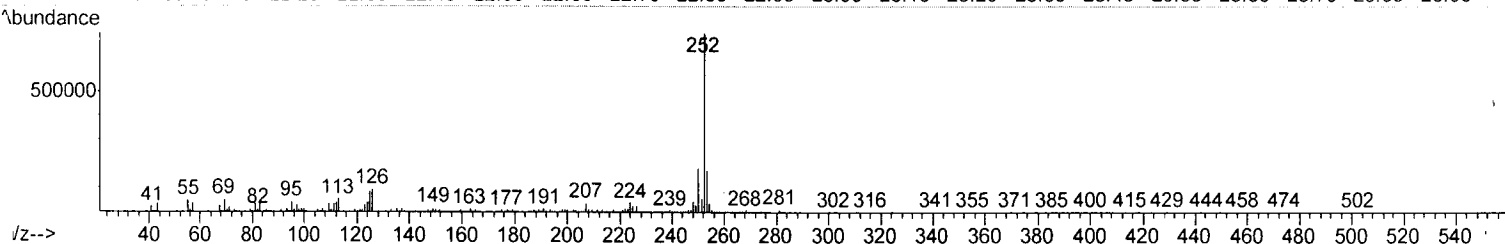
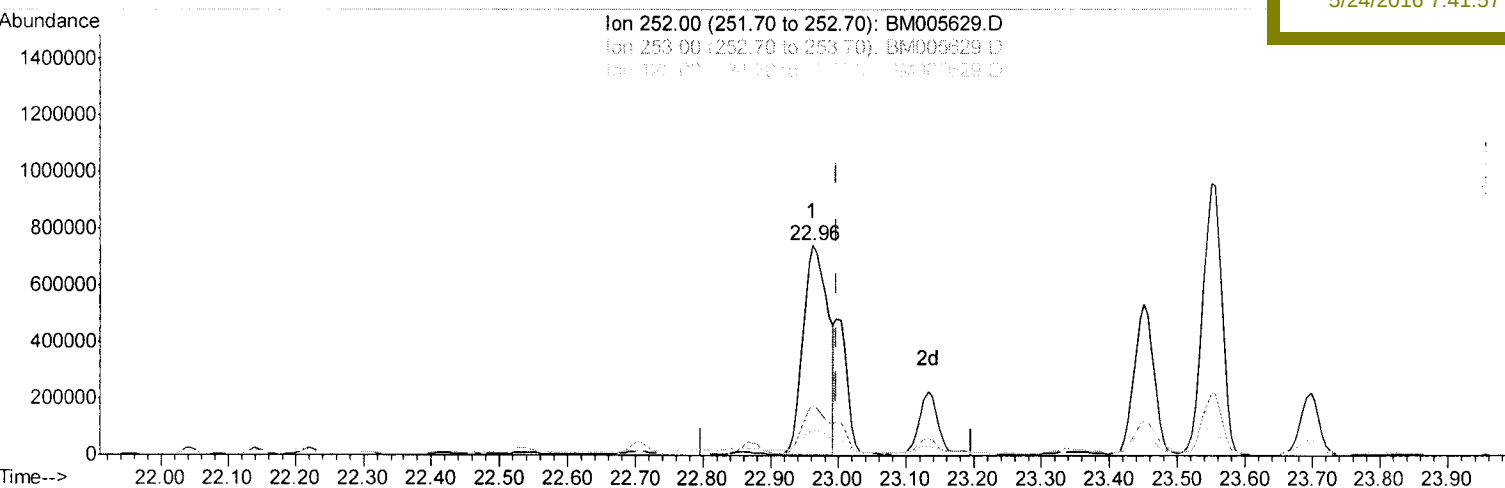
Misc :
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TIC: BM005629.D

(86) Benzo(k)fluoranthene

22.962min (-0.035) 39.45ng/ul

response 1897985

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.49
125.00	8.80	11.82#
0.00	0.00	0.00

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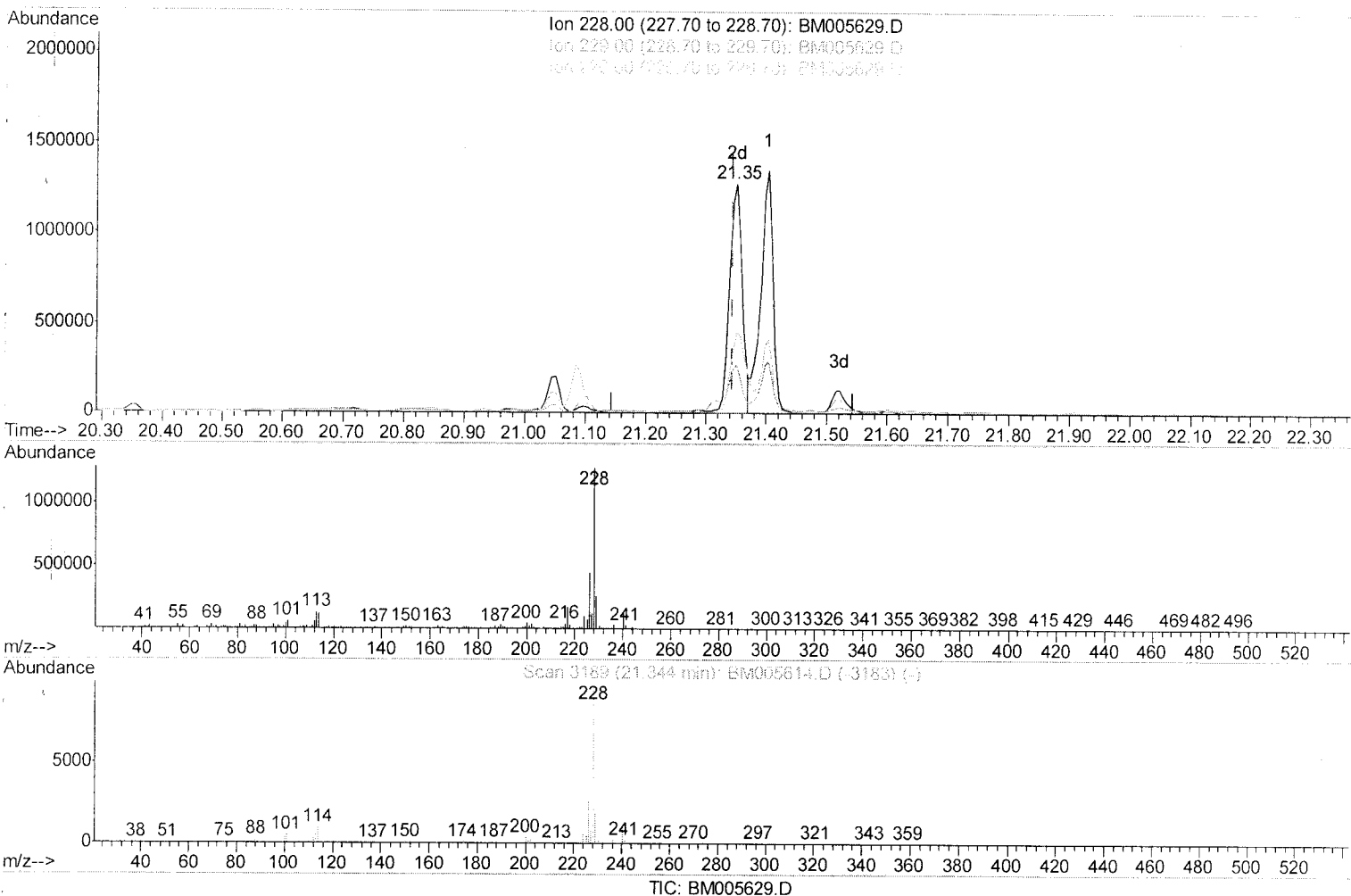
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampled :
JHGL2RE

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(80) Benzo(a)anthracene

21.350min (+0.006) 40.36ng/ul m > o.m.
05/25/16

response 1864760

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.92
226.00	26.20	35.23#
0.00	0.00	0.00

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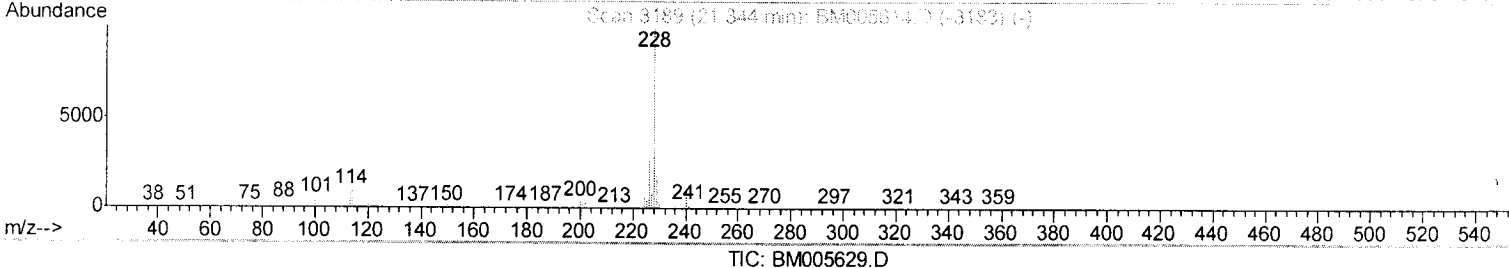
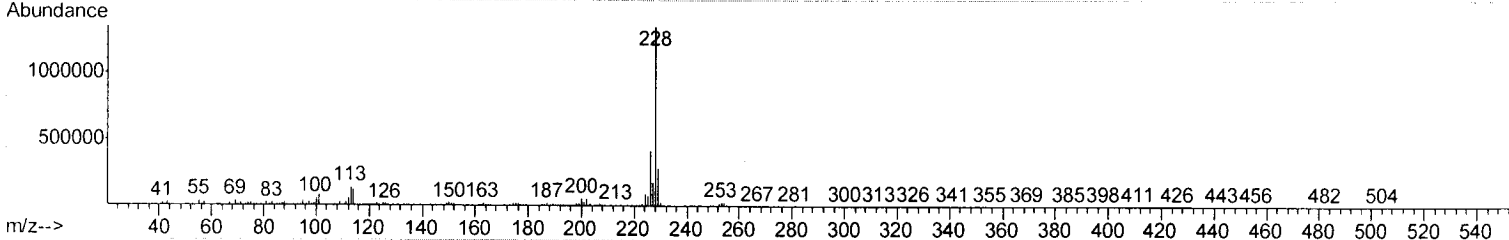
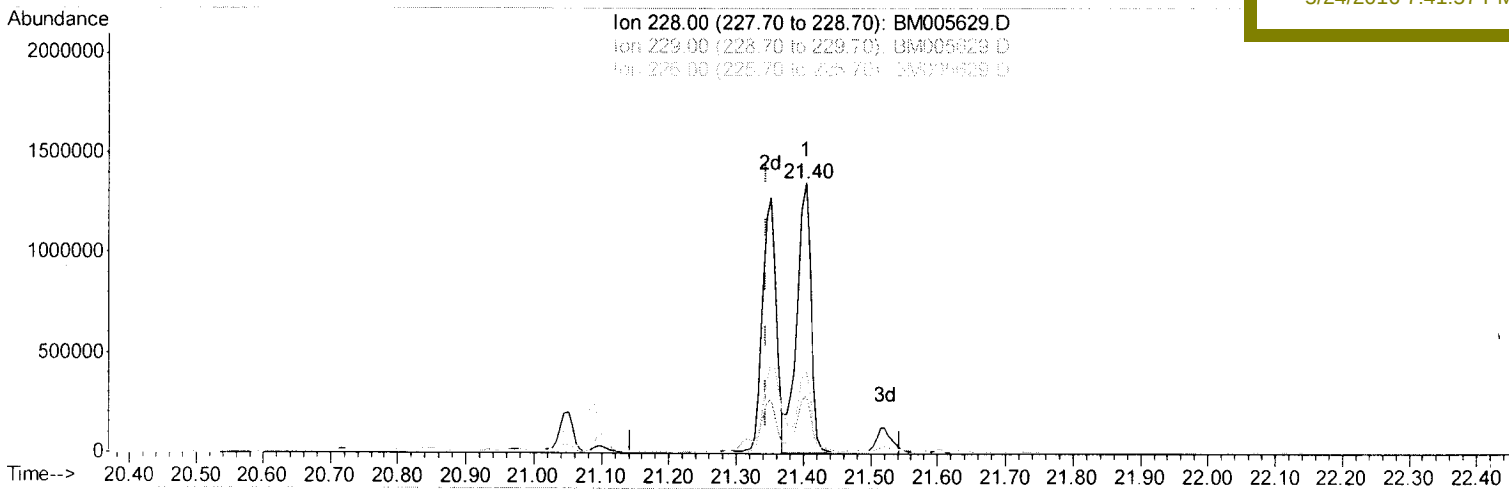
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Instrument :
BNA M
ClientSampleId :
JHGL2RE

Manual Integrations
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(80) Benzo(a)anthracene

21.403min (+0.059) 42.64ng/ul

response 1970016

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.59
226.00	26.20	30.92
0.00	0.00	0.00

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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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	7.80	152	232153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	967755	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	469452	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	896560	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	786110	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	861677	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	14161	2.67	ng/uL	0.00
5) Phenol-d5	6.98	99	355902	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	211313	19.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	288481	18.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	296455	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	144540	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	155531	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	285506	18.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	334634	21.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	766771	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	995602	20.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	108482	14.97	ng/ul	0.00
57) Fluorene-d10	15.43	176	649233	19.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	19415	3.76	ng/ul	0.01
70) Anthracene-d10	17.29	188	922679	21.60	ng/ul	0.00
76) Pyrene-d10	19.58	212	900554	25.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	851914	21.17	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.65	128	526814	10.84 ng/ul	99
34) 2-Methylnaphthalene	12.26	142	155843	4.38 ng/ul	99
40) 1,1'-Biphenyl	13.27	154	104417	2.65 ng/ul	98
44) Dimethylphthalate	13.90	163	216907	5.73 ng/ul	100
47) Acenaphthylene	14.16	152	777466	15.97 ng/ul	97
49) Acenaphthene	14.50	153	185867	5.79 ng/ul	98
53) Dibenzofuran	14.84	168	252375	5.51 ng/ul	96
58) Fluorene	15.49	166	559932	15.27 ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	42617	1.57 ng/ul	97
69) Phenanthrene	17.23	178	4333879	86.49 ng/ul	99
71) Anthracene	17.32	178	1193880	23.38 ng/ul	100
72) Carbazole	17.59	167	125091	2.82 ng/ul#	91
74) Fluoranthene	19.25	202	5010763	88.84 ng/ul	99
77) Pyrene	19.62	202	5340526	118.18 ng/ul	99
80) Benzo(a)anthracene	21.35	228	1864760m	40.36 ng/ul	
82) Chrysene	21.40	228	1970016	44.81 ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	1897985	37.34 ng/ul#	95
86) Benzo(k)fluoranthene	23.00	252	619013m	12.87 ng/ul	
88) Benzo(a)pyrene	23.55	252	1864688	37.82 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.96	276	1075144	18.36 ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	253817	5.20 ng/ul#	86
91) Benzo(g,h,i)perylene	26.67	276	1069547	21.72 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed