

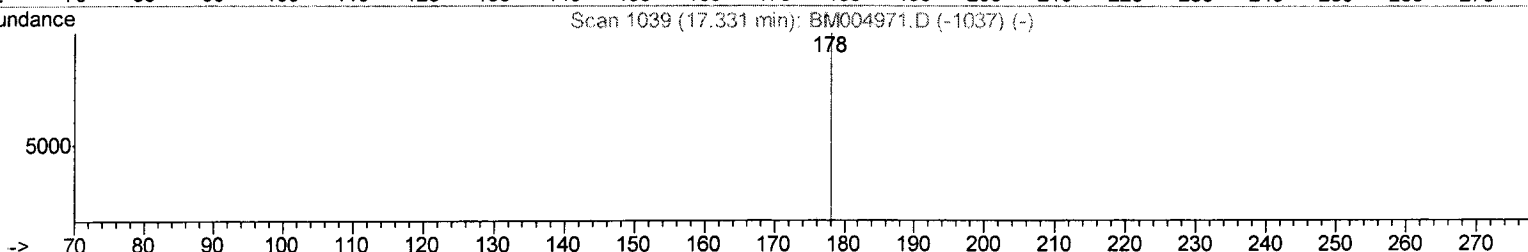
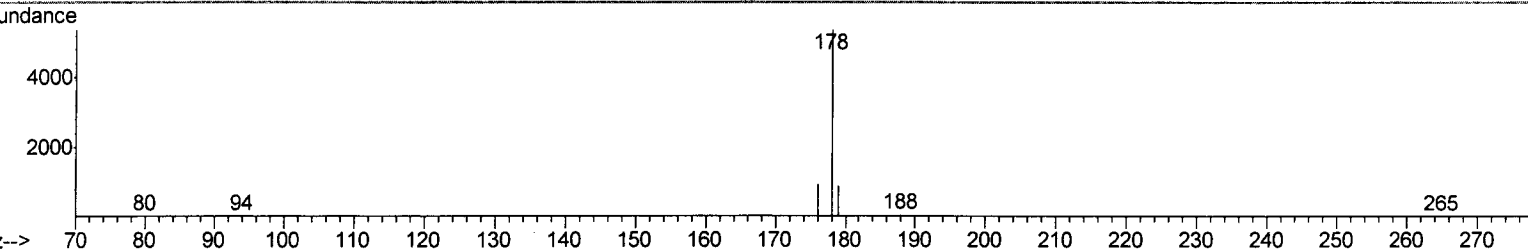
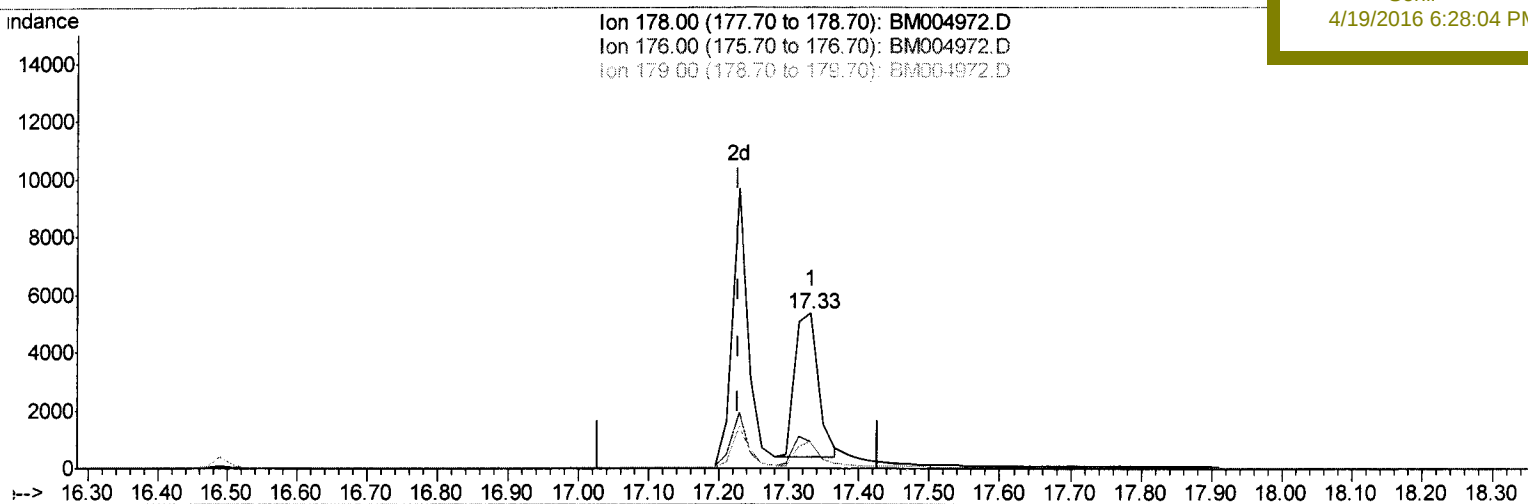
Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004972.D
Acq On : 18 Apr 2016 13:49
Operator : UM/SJ
Sample : SST0.856
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 18 14:21:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 13:51:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.856

Manual Integrations
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4/19/2016 6:28:04 PM



TIC: BM004972.D

(14) Phenanthrene

17.331min (+0.103) 0.53ng/ul

response 11628

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.64
179.00	17.70	17.32
0.00	0.00	0.00

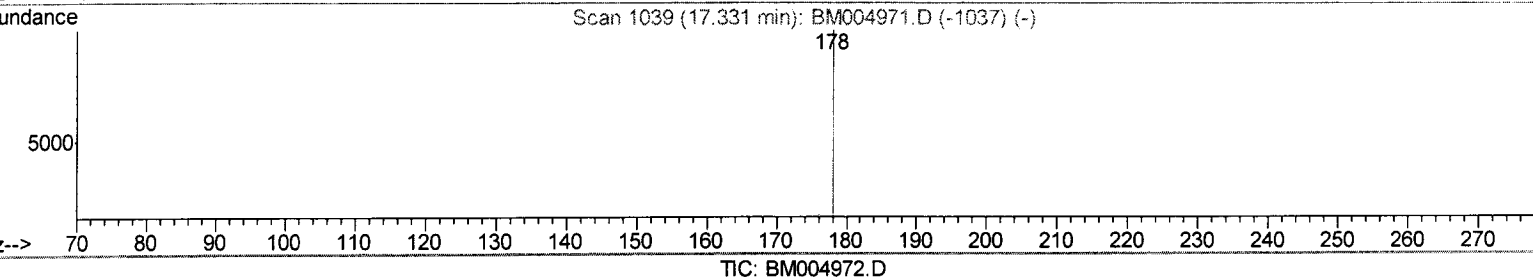
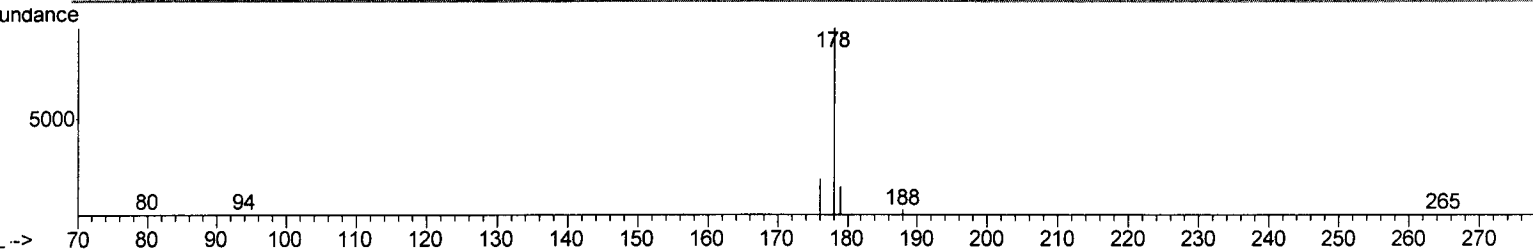
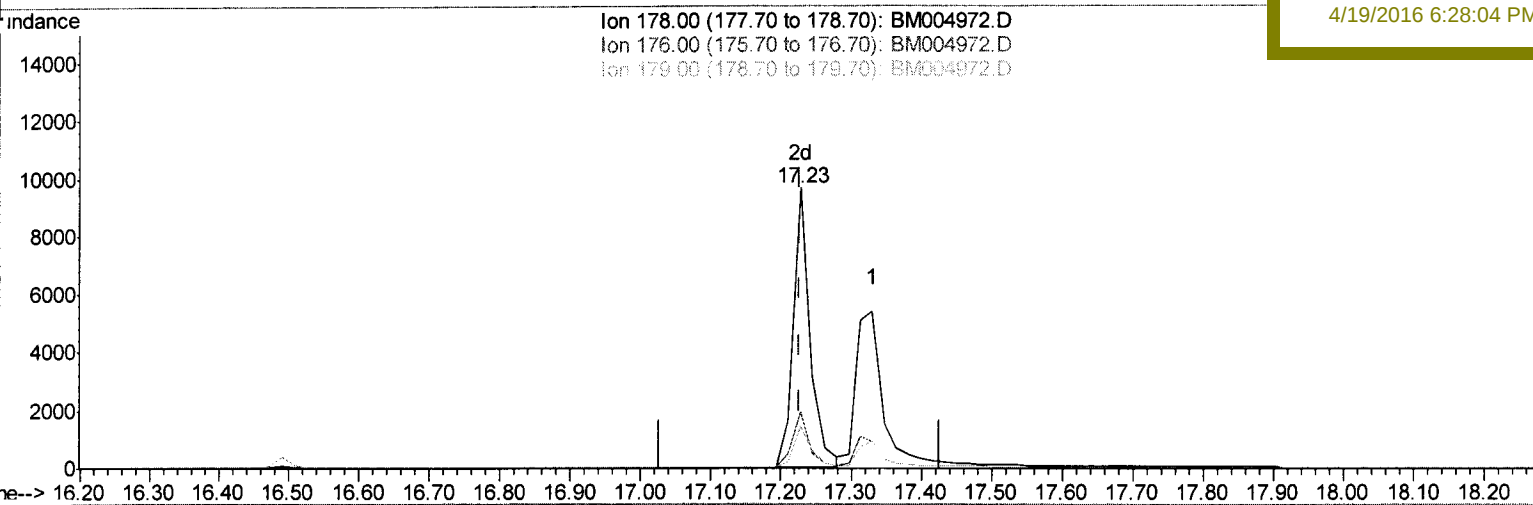
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(14) Phenanthrene

17.228min (+0.000) 0.72ng/ul m

response 15758

> U.M
04/25/16

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	19.83#
179.00	17.70	15.18
0.00	0.00	0.00

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Data File : BM004972.D
Acq On : 18 Apr 2016 13:49
Operator : UM/SJ
Sample : SSTD0.856
Disc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 18 14:23:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 18 13:51:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.856

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1771	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	7457	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3883	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	7828	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	5431	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	4110	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.31	96	3116	3.90	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.19	152	6725	0.65	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	11251	0.61	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) 1,4-Dioxane	3.34	88	3684	3.79	ng/ul#	20
5) Naphthalene	10.65	128	12964	0.72	ng/ul	97
7) 2-Methylnaphthalene	12.27	142	8904	0.69	ng/ul	98
9) Acenaphthylene	14.16	152	11679	0.65	ng/ul	95
10) Acenaphthene	14.50	153	9711	0.77	ng/ul	88
11) Fluorene	15.50	166	10594	0.70	ng/ul	85
13) Pentachlorophenol	16.85	266	592	0.30	ng/ul	97
14) Phenanthrene	17.23	178	15758m	0.72	ng/ul	
15) Anthracene	17.33	178	13779	0.66	ng/ul	98
17) Fluoranthene	19.25	202	15878	0.63	ng/ul	97
19) Pyrene	19.62	202	15942	0.86	ng/ul	98
20) Benzo(a)anthracene	21.37	228	11172	0.67	ng/ul	94
21) Chrysene	21.42	228	12331	0.76	ng/ul	94
23) Benzo(b)fluoranthene	22.98	252	10882	0.79	ng/ul	96
24) Benzo(k)fluoranthene	23.02	252	10356	0.81	ng/ul#	95
25) Benzo(a)pyrene	23.58	252	9418	0.74	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.98	276	9567	0.82	ng/ul#	80
27) Dibenzo(a,h)anthracene	26.01	278	7403	0.80	ng/ul#	90
28) Benzo(a,h,i)perylene	26.69	276	8674	0.89	ng/ul#	89

> U.M
04/25/16

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

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