

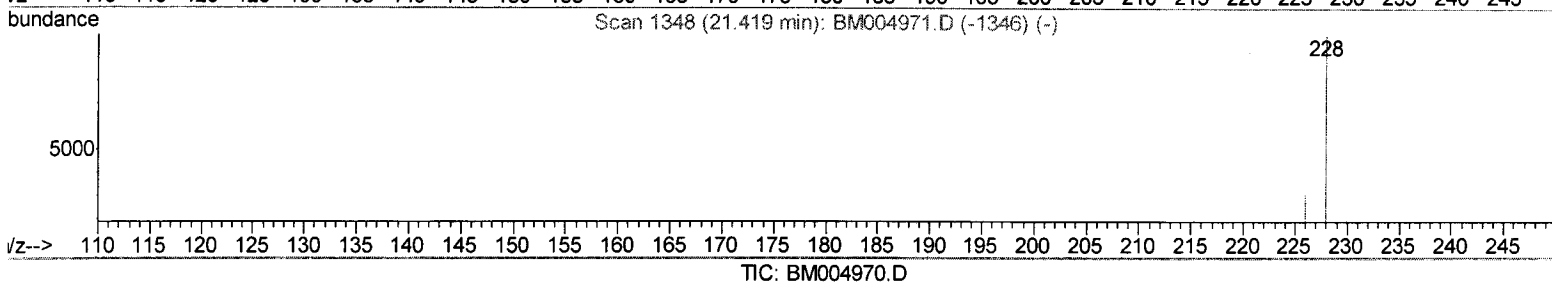
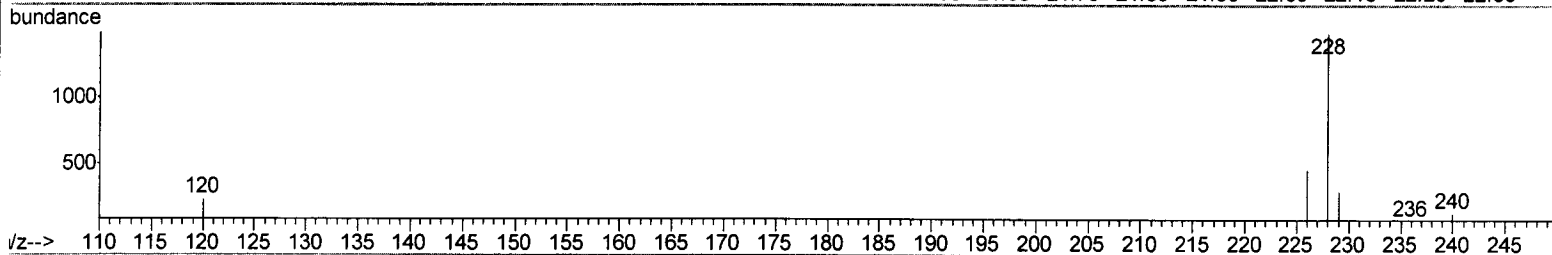
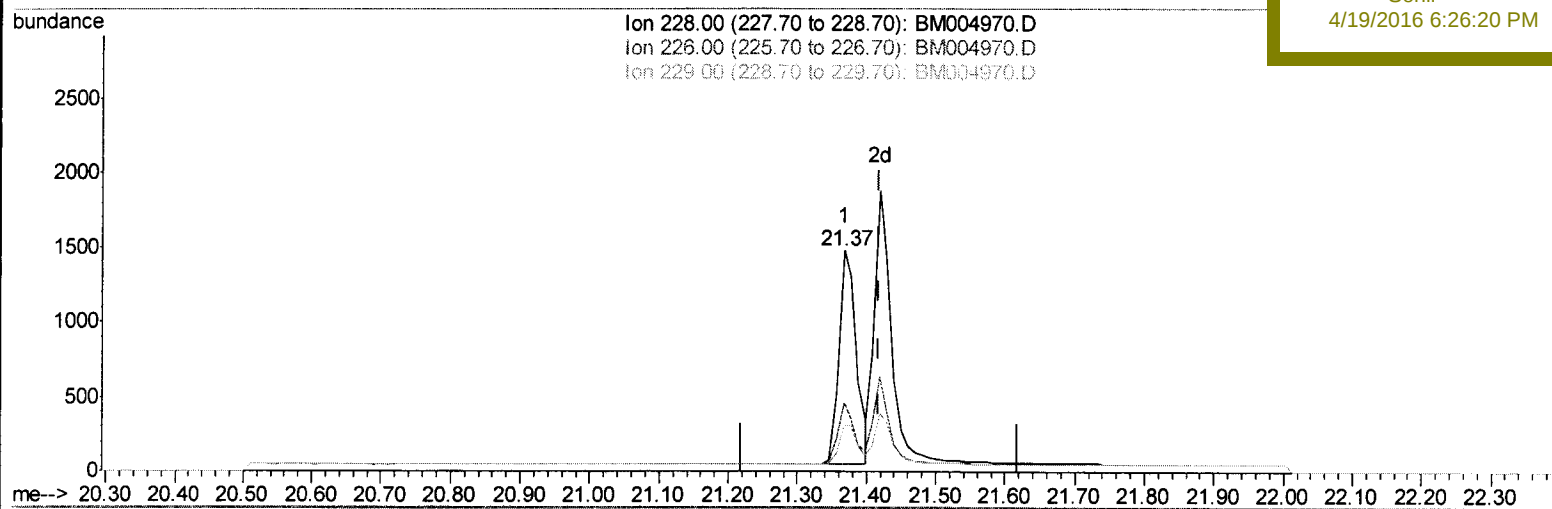
Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
 Data File : BM004970.D
 Acq On : 18 Apr 2016 12:37
 Operator : UM/SJ
 Sample : SSTD0.254
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 13:53:26 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
 ClientSampled :
 SSTD0.254

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:26:20 PM



(21) Chrysene

21.366min (-0.052) 0.18ng/ul

response 2517

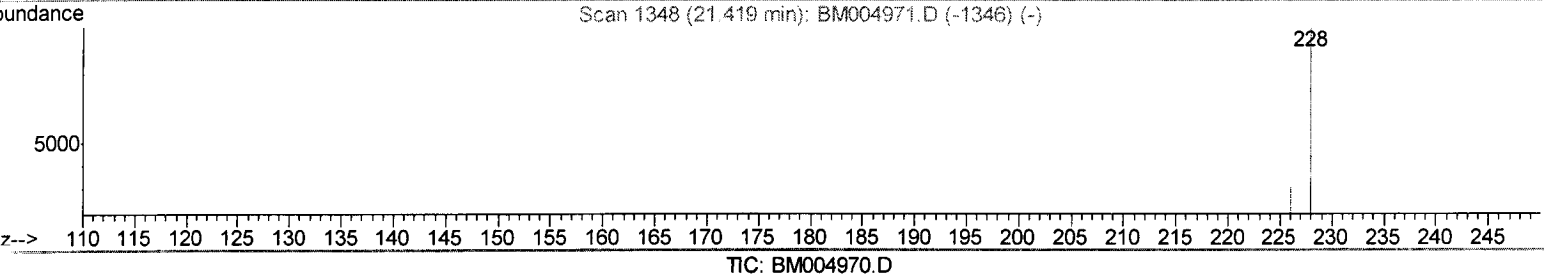
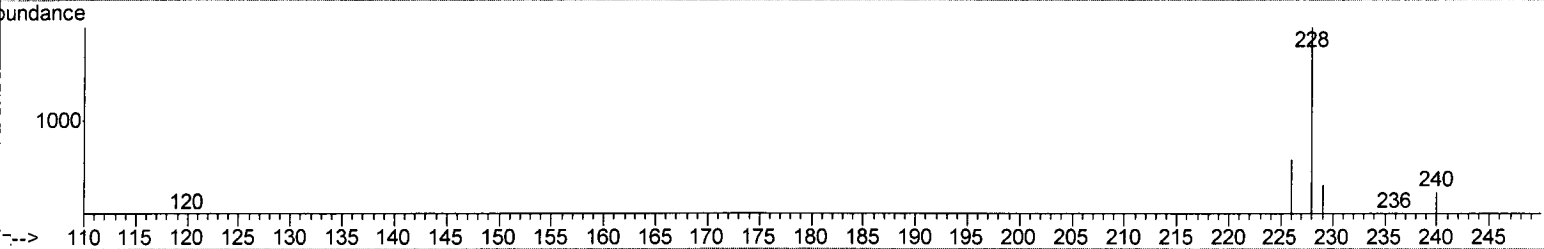
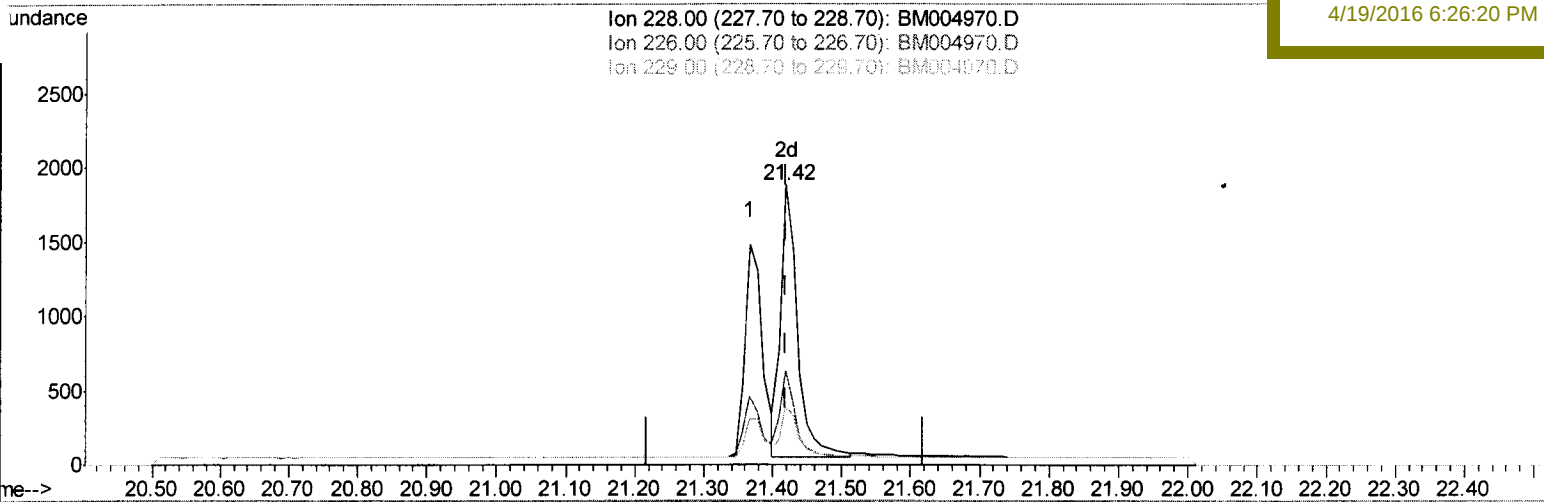
Ion	Exp%	Act%
228.00	100	100
226.00	26.50	31.53
229.00	21.30	20.64
0.00	0.00	0.00

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4/19/2016 6:26:20 PM



(21) Chrysene
21.419min (-0.000) 0.23ng/ul m > U.M
response 3196
04/25/16

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	33.51#
229.00	21.30	20.50
0.00	0.00	0.00

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Acq On : 18 Apr 2016 12:37
Operator : UM/SJ
Sample : SST0.254
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 13:58:56 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 :
SSTD0.254

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1593	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	6670	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3562	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	7201	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	4685	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	3703	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	818	1.14	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.20	152	1651	0.18	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	2964	0.17	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) 1,4-Dioxane	3.34	88	1020	1.17	ng/ul#	24
5) Naphthalene	10.66	128	3323	0.21	ng/ul#	92
7) 2-Methylnaphthalene	12.28	142	2187	0.19	ng/ul	98
9) Acenaphthylene	14.16	152	2911	0.18	ng/ul#	97
10) Acenaphthene	14.50	153	2484	0.21	ng/ul#	85
11) Fluorene	15.51	166	2645	0.19	ng/ul#	96
13) Pentachlorophenol	16.87	266	114	0.06	ng/ul#	87
14) Phenanthrene	17.23	178	3990	0.20	ng/ul#	91
15) Anthracene	17.33	178	3290	0.17	ng/ul#	93
17) Fluoranthene	19.25	202	4026	0.17	ng/ul	91
19) Pyrene	19.62	202	4115	0.26	ng/ul	95
20) Benzo(a)anthracene	21.37	228	2517	0.17	ng/ul#	91
21) Chrysene	21.42	228	3196m	0.23	ng/ul	
23) Benzo(b)fluoranthene	22.98	252	2531	0.20	ng/ul	85
24) Benzo(k)fluoranthene	23.02	252	2745	0.24	ng/ul#	84
25) Benzo(a)pyrene	23.58	252	2304	0.20	ng/ul#	78
26) Indeno(1,2,3-cd)pyrene	25.99	276	2418	0.23	ng/ul#	80
27) Dibenzo(a,h)anthracene	26.02	278	1824	0.22	ng/ul#	73
28) Benzo(a,h,i)perylene	26.70	276	2262	0.26	ng/ul#	81

> U.M
04/21/16

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

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