

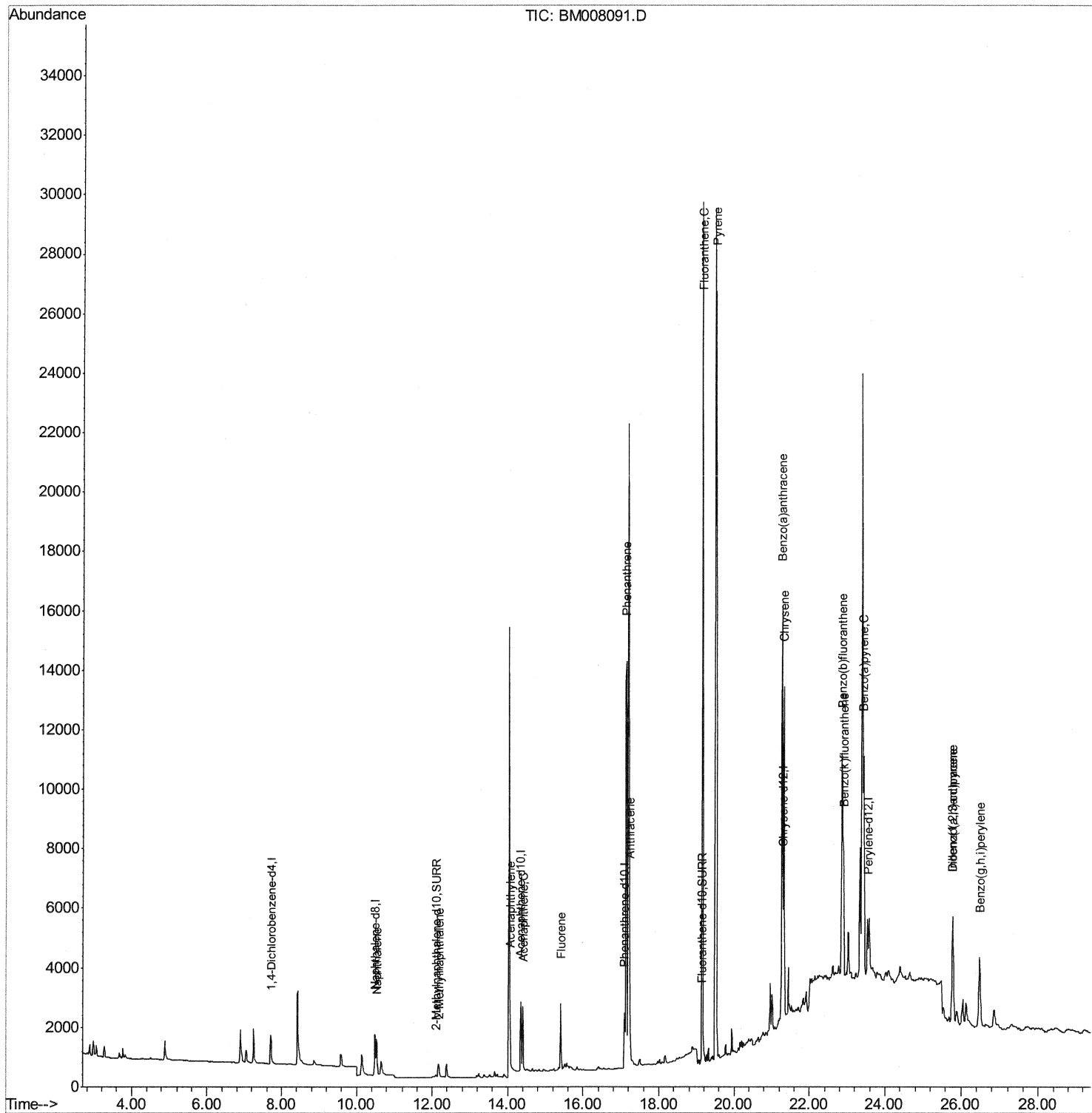
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112816\
Data File : BM008091.D
Acq On : 28 Nov 2016 17:57
Operator : UM/SJ
Sample : H5701-09DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Manual Integrations
APPROVED

UMANGI
11/29/2016 2:22:41 PM

Quant Time: Nov 29 09:41:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:11:14 2016
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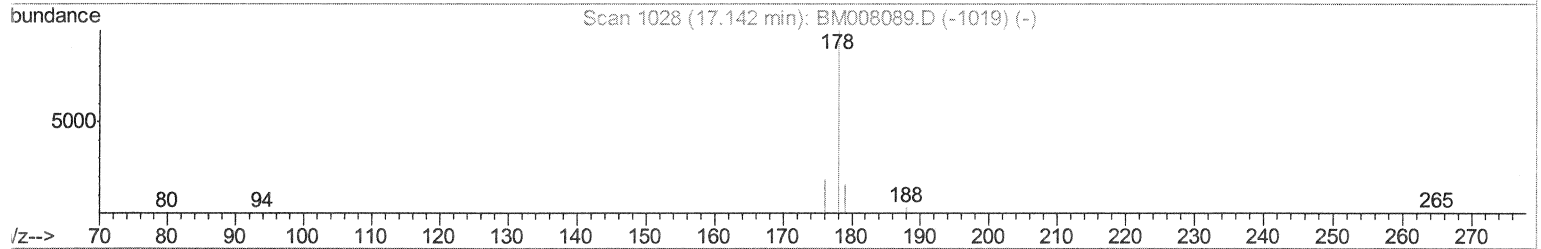
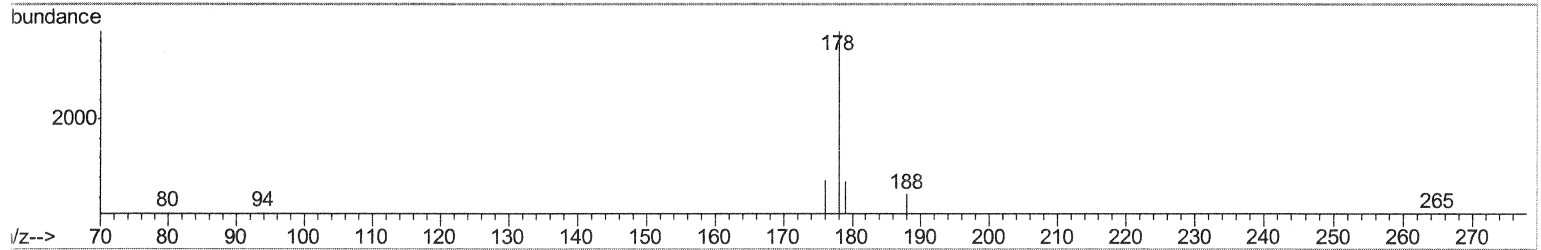
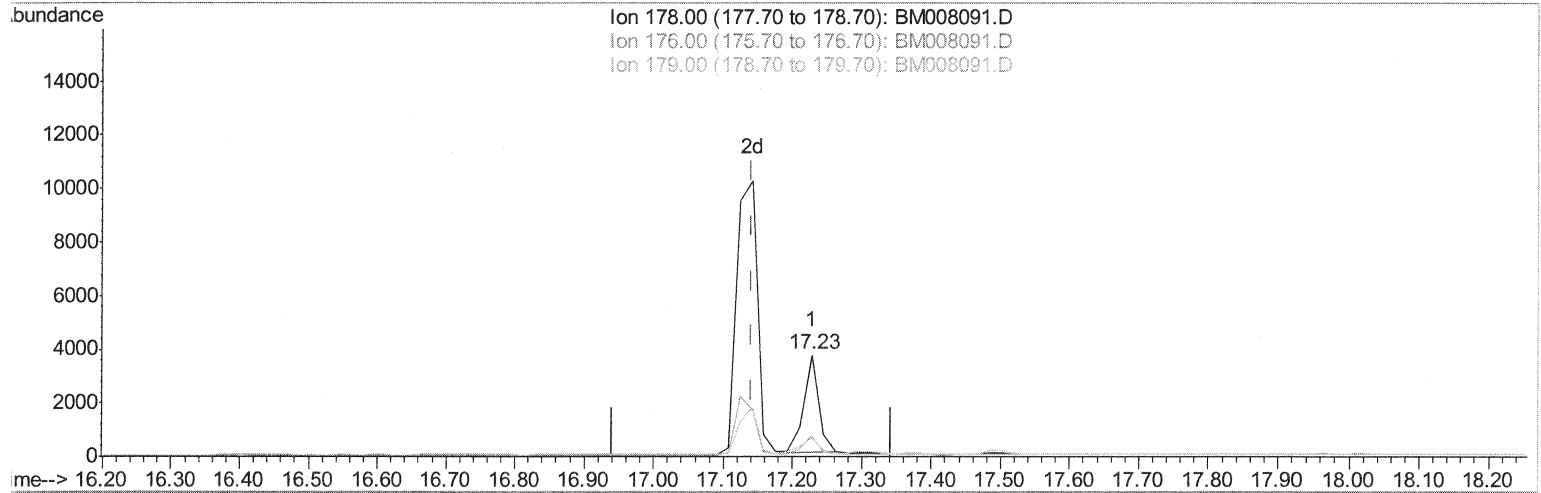
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TIC: BM008091.D

(12) Phenanthrene

17.228min (+0.086) 0.67ng/ul

response 5378

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	19.35
179.00	17.00	18.96
0.00	0.00	0.00

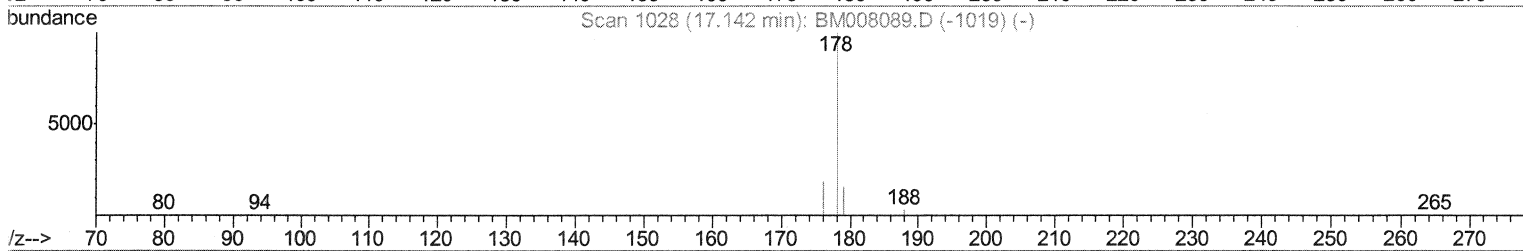
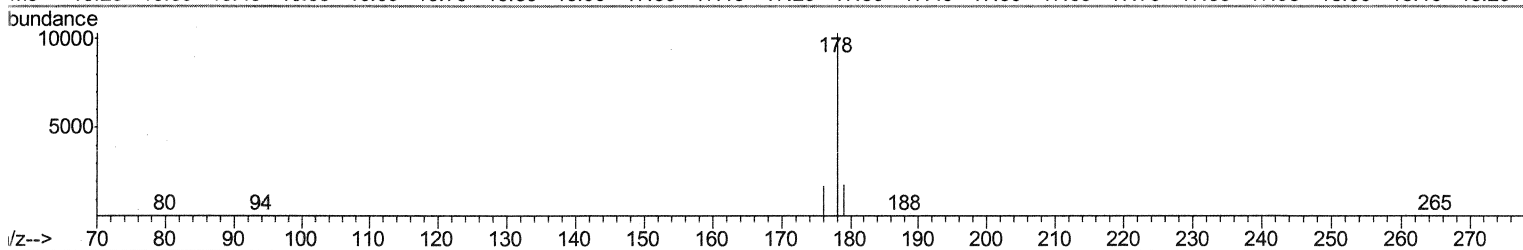
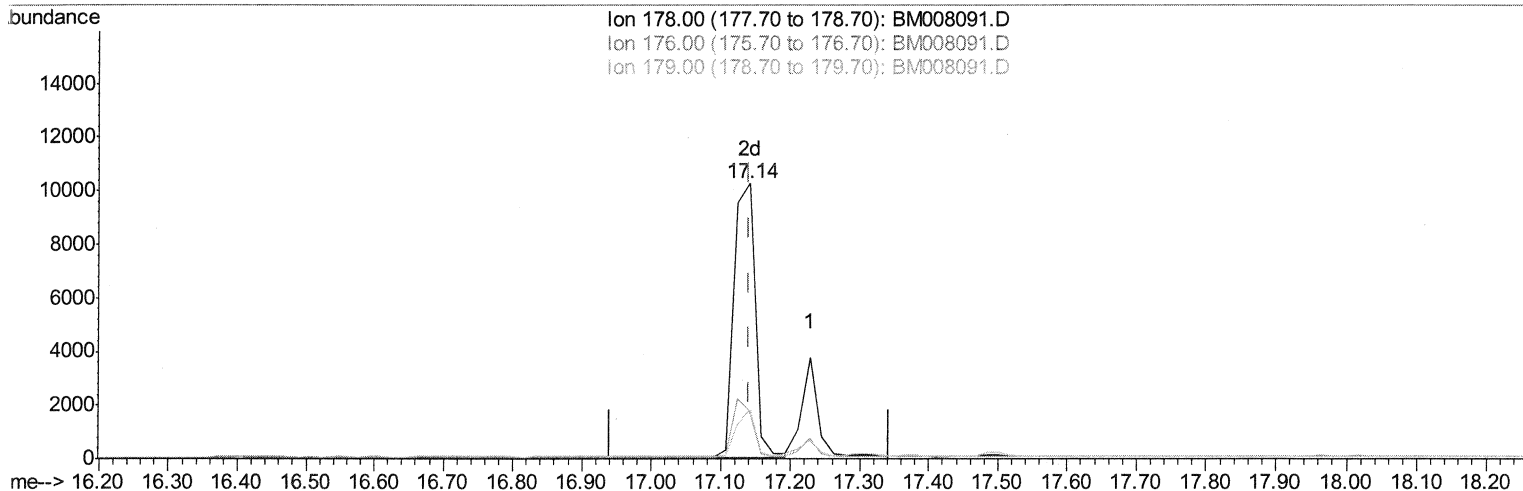
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TIC: BM008091.D

(12) Phenanthrene

17.142min (-0.000) 2.72ng/ul m

SJ 11/29/16

response 21701

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	17.00#
179.00	17.00	17.81
0.00	0.00	0.00

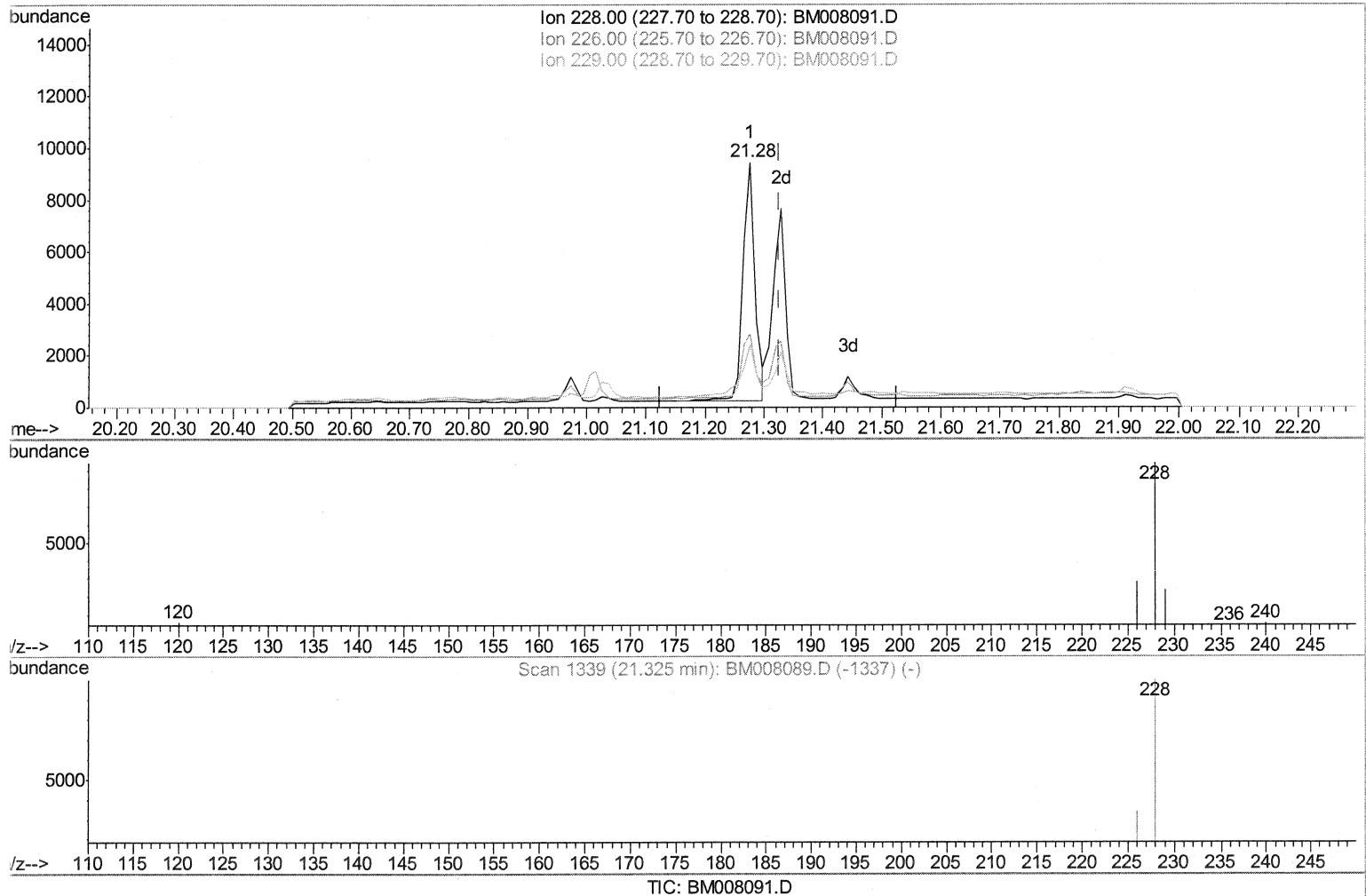
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Instrument :
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Manual Integrations
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(19) Chrysene

21.276min (-0.049) 1.12ng/ul

response 13064

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	29.81
229.00	22.10	25.57
0.00	0.00	0.00

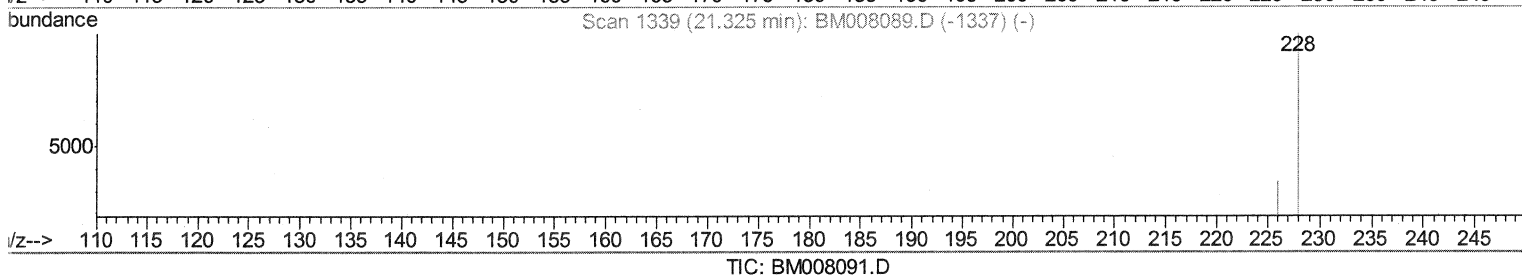
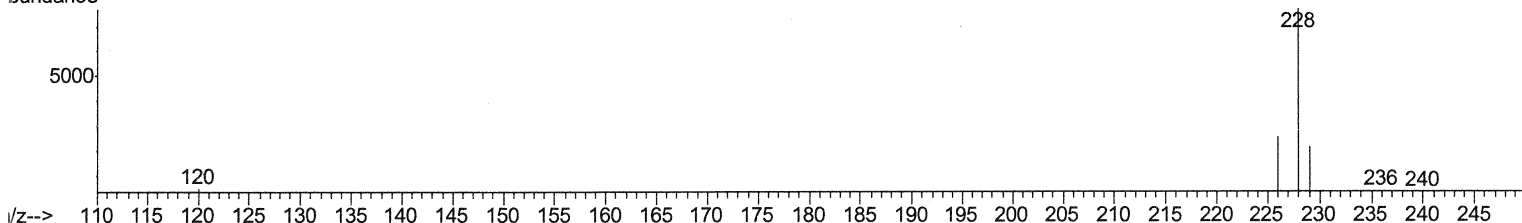
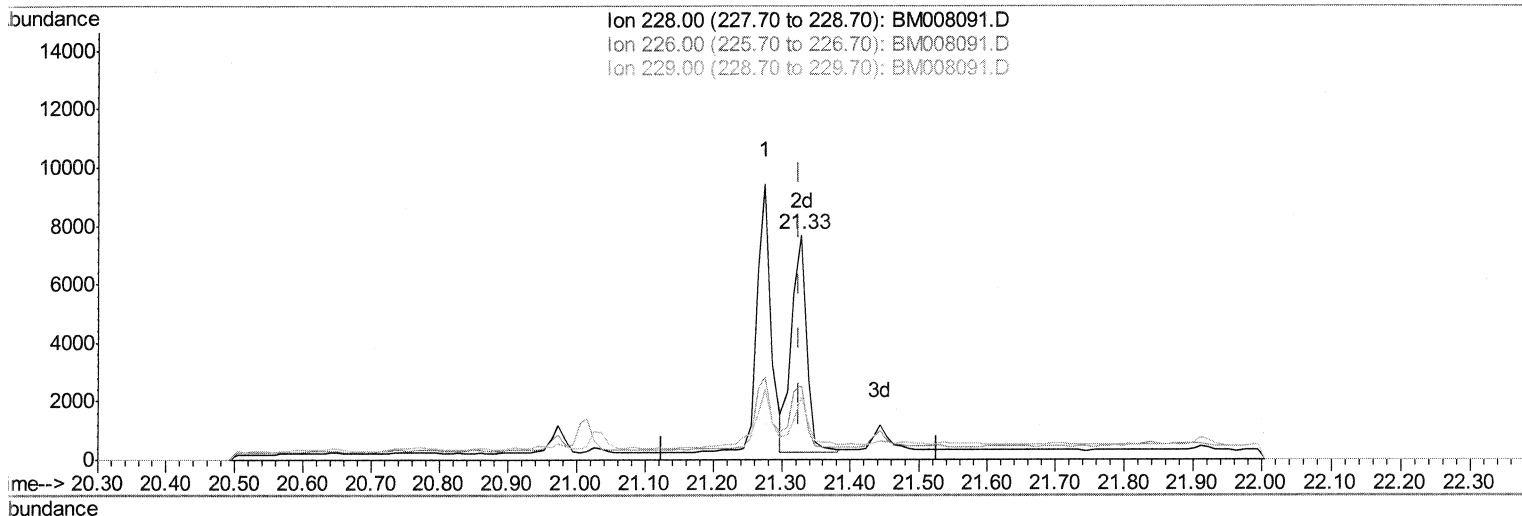
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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TIC: BM008091.D

(19) Chrysene

21.328min (+0.003) 0.97ng/ul m

SJ 11/29/16

response 11246

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.93
229.00	22.10	27.68#
0.00	0.00	0.00

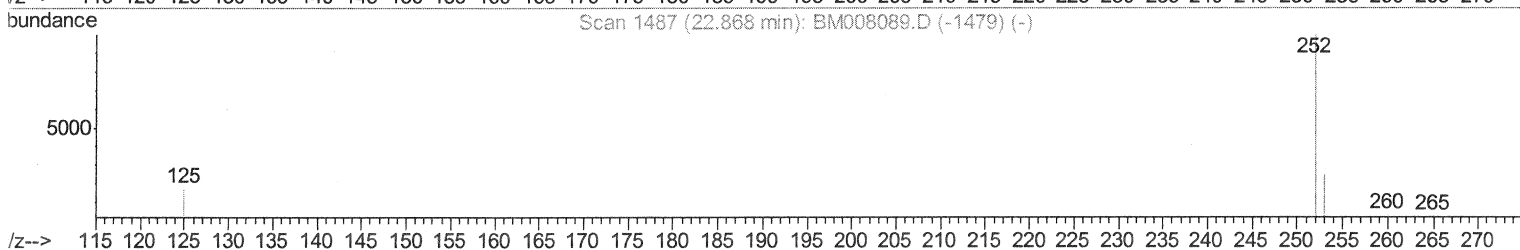
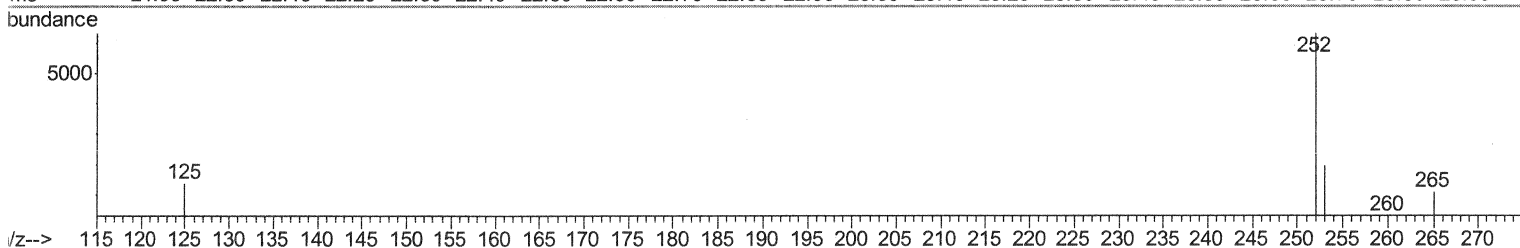
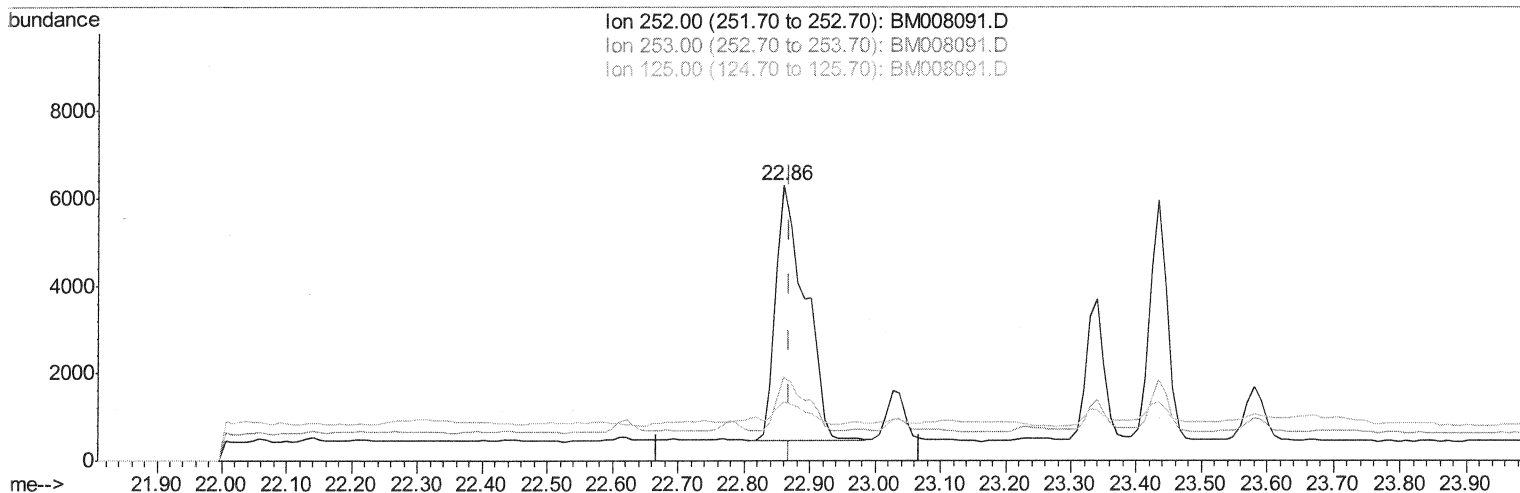
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM008091.D

(21) Benzo(b)fluoranthene

22.860min (-0.007) 1.73ng/ul

response 18154

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	30.58
125.00	17.50	21.23
0.00	0.00	0.00

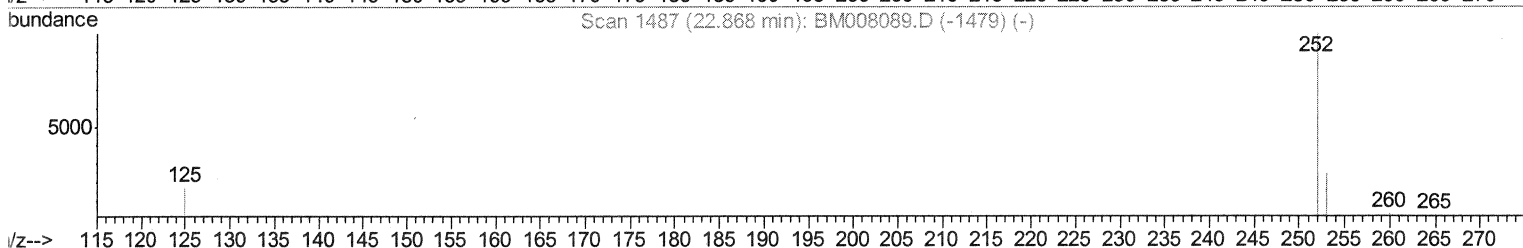
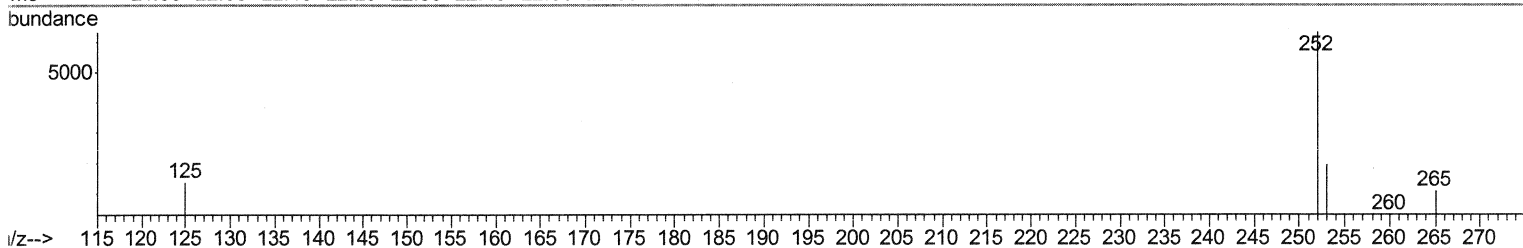
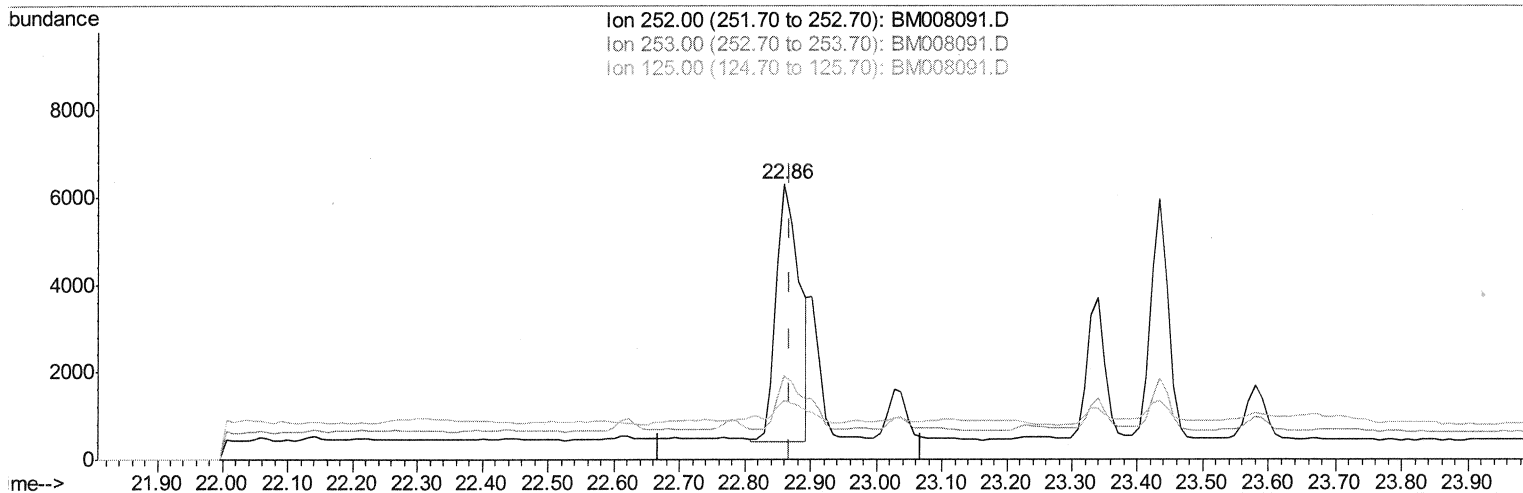
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 Operator : UM/SJ
 Sample : H5701-09DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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TIC: BM008091.D

(21) Benzo(b)fluoranthene

22.860min (-0.007) 1.40ng/ul m

SJ 11/29/16

response 14723

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	30.58
125.00	17.50	21.23
0.00	0.00	0.00

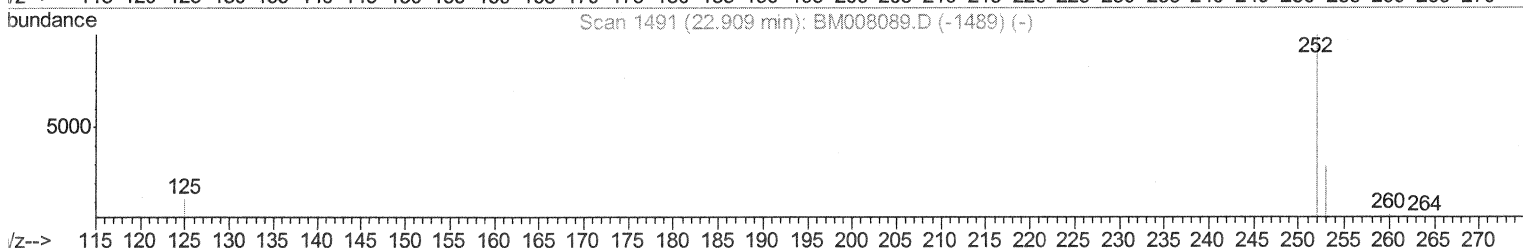
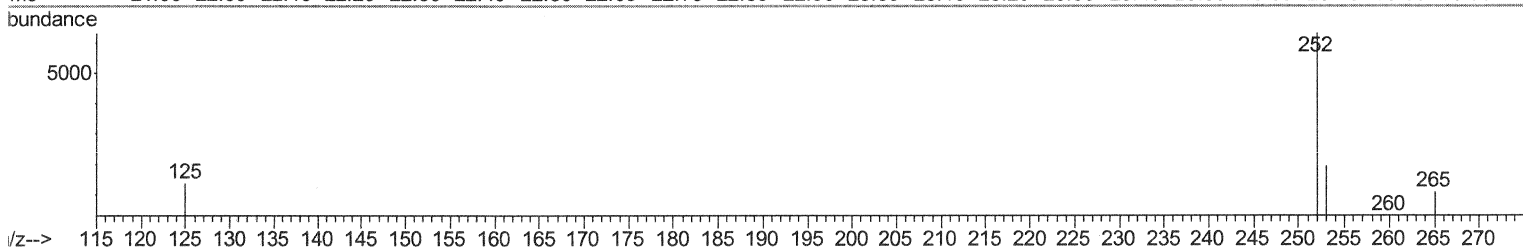
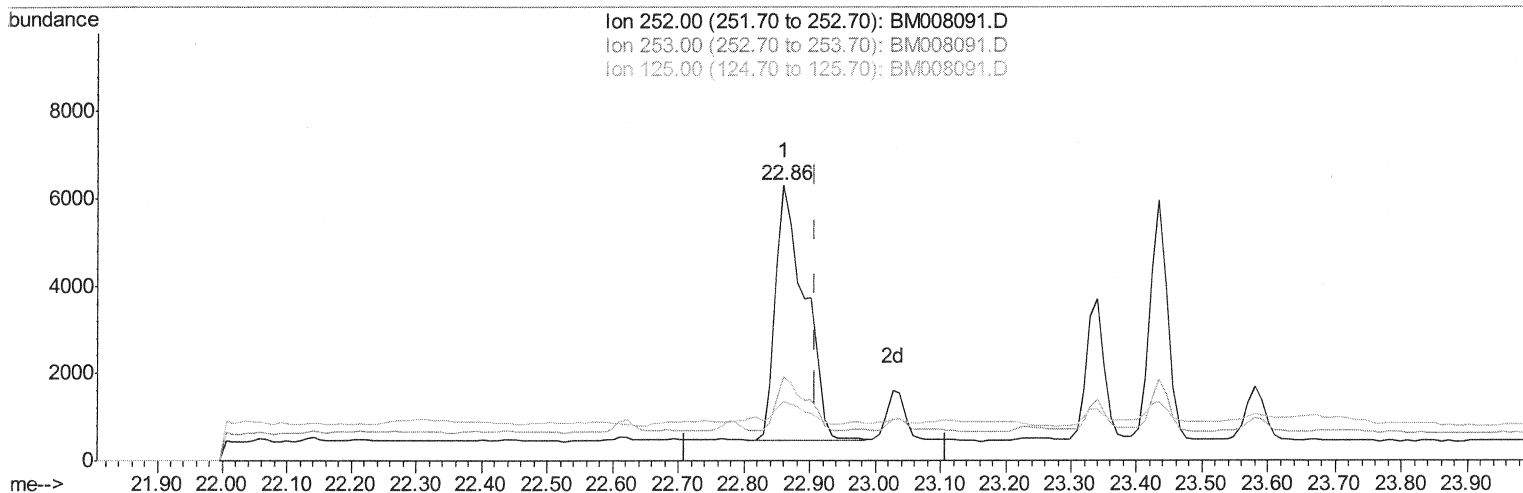
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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TIC: BM008091.D

(22) Benzo(k)fluoranthene

22.860min (-0.049) 1.67ng/ul

response 18154

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.58
125.00	17.10	21.23#
0.00	0.00	0.00

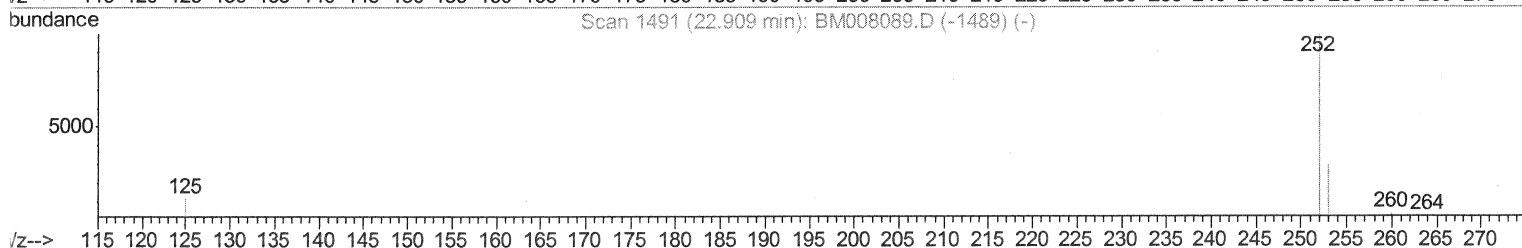
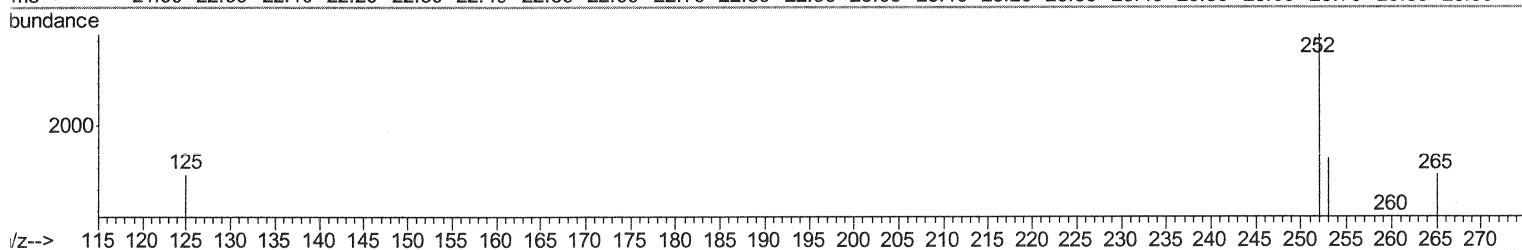
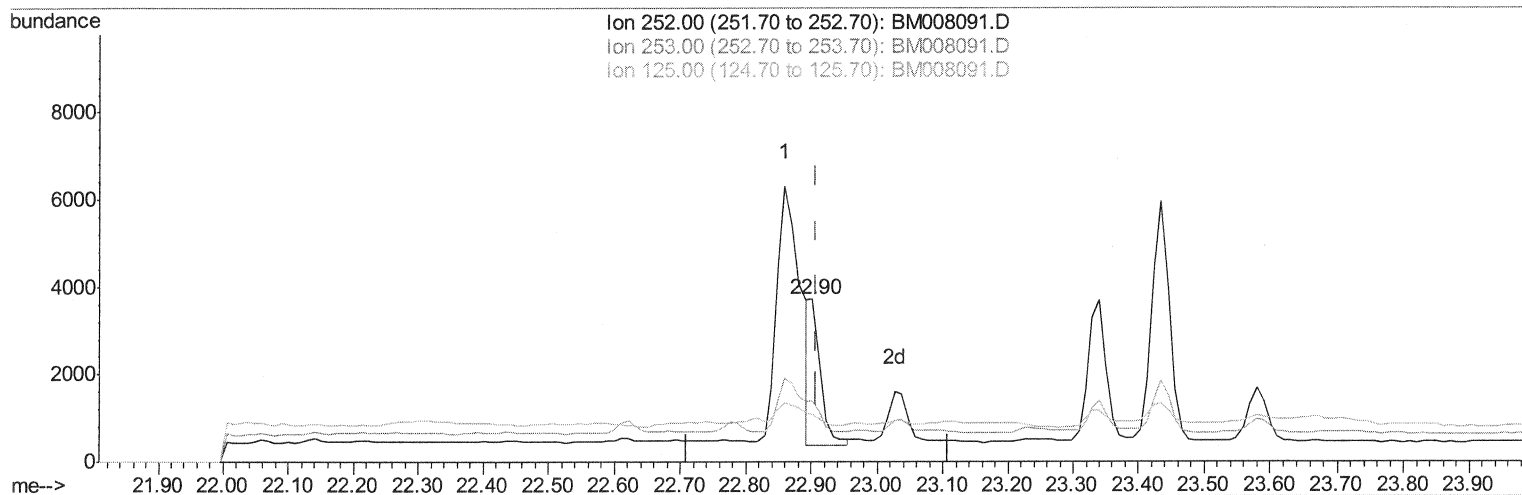
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM008091.D

(22) Benzo(k)fluoranthene

22.902min (-0.007) 0.36ng/ul m

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response 3881

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	37.69#
125.00	17.10	29.31#
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	7.71	152	679	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2349	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2562	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	3046	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	2636	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	152	0.05	ng/ul	0.01
14) Fluoranthene-d10	19.14	212	560	0.08	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	1980	0.30	ng/ul	96
5) 2-Methylnaphthalene	12.17	142	508	0.12	ng/ul	100
7) Acenaphthylene	14.06	152	748	0.12	ng/ul#	82
8) Acenaphthene	14.40	153	1517	0.32	ng/ul	91
9) Fluorene	15.41	166	2011	0.37	ng/ul	99
12) Phenanthrene	17.14	178	21701m	2.72	ng/ul	
13) Anthracene	17.23	178	5887	0.79	ng/ul	96
15) Fluoranthene	19.16	202	28238	2.74	ng/ul	94
17) Pyrene	19.52	202	24487	2.32	ng/ul	97
18) Benzo(a)anthracene	21.28	228	13227	1.41	ng/ul#	95
19) Chrysene	21.33	228	11246m	0.97	ng/ul	
21) Benzo(b)fluoranthene	22.86	252	14723m	1.40	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	3881m	0.36	ng/ul	
23) Benzo(a)pyrene	23.43	252	10114	1.03	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.79	276	6141	0.50	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.79	278	1690	0.17	ng/ul#	26
26) Benzo(g,h,i)perylene	26.48	276	5201	0.48	ng/ul#	88

SJ 11/29/16

} SJ 11/29/16

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