

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\

Data File : BM030660.D

Acq On : 28 Jun 2021 19:15

Operator : CG/JU

Sample : M2682-02

Misc :

ALS Vial : 4 Sample Multiplier: 1

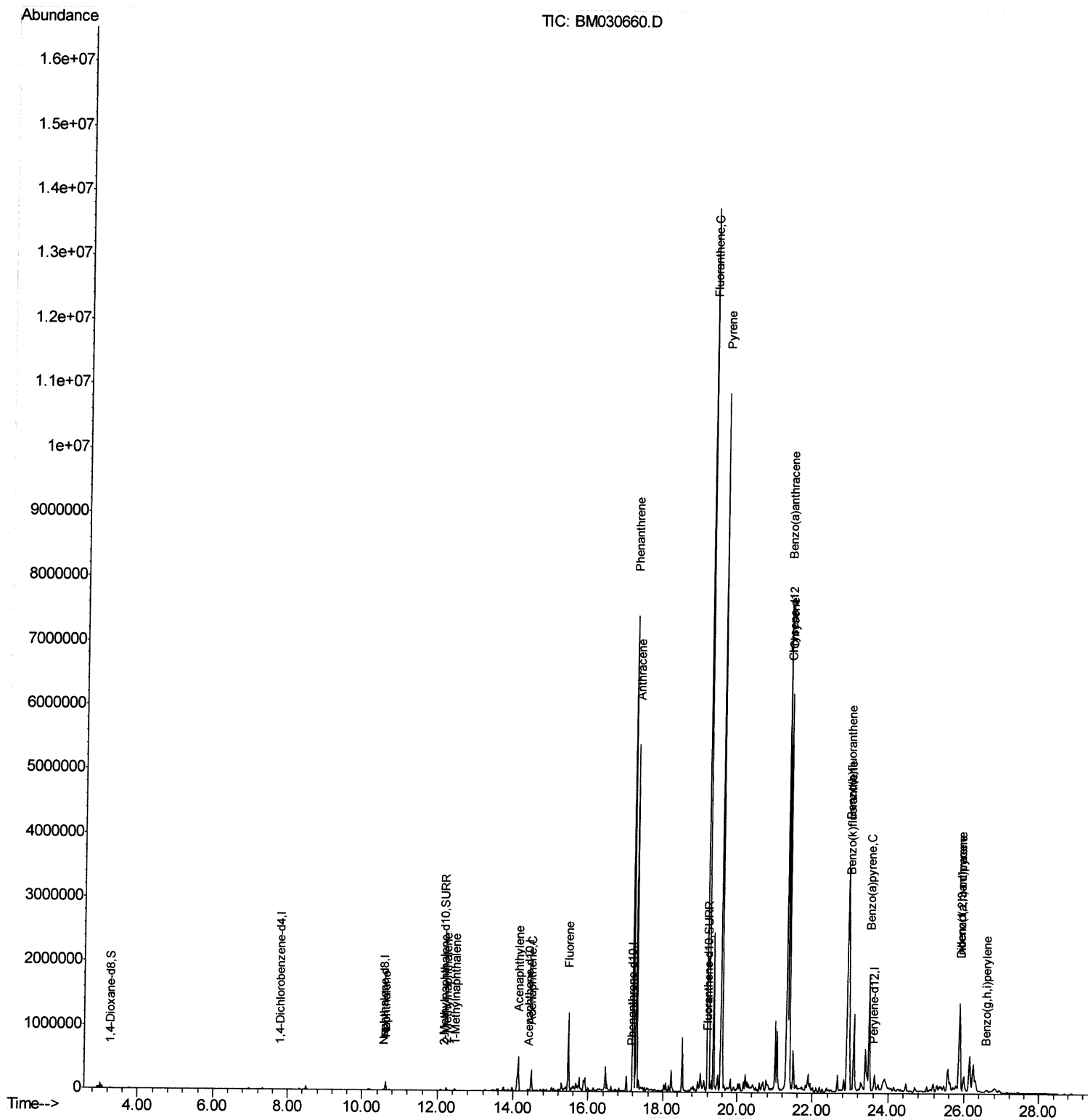
Quant Time: Jun 29 08:13:27 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

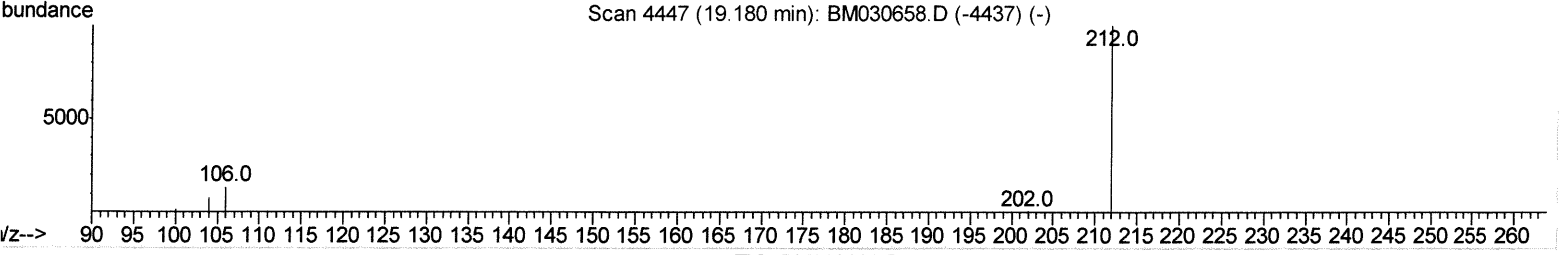
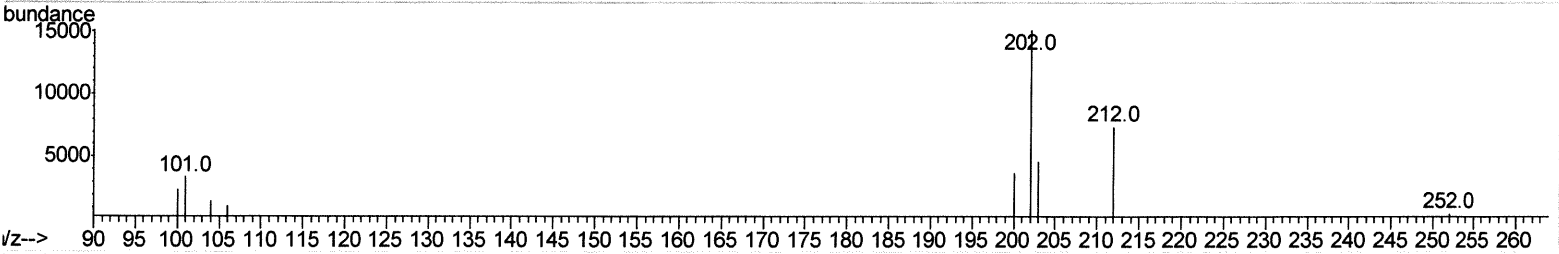
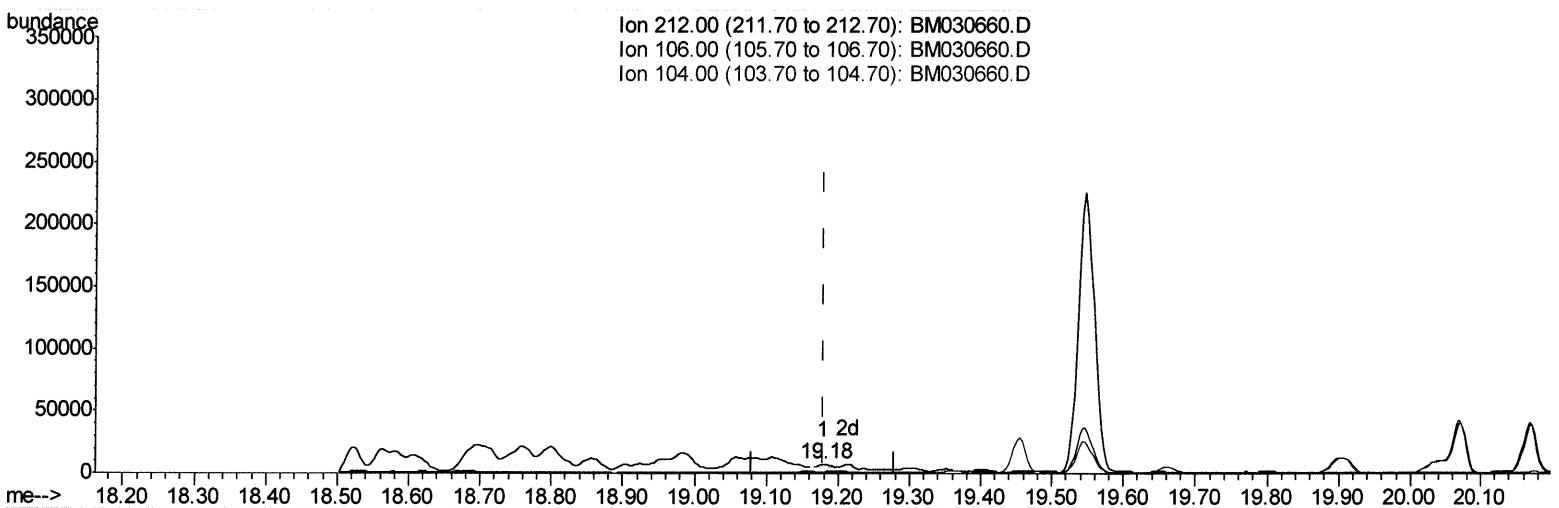
QLast Update : Mon Jun 28 14:33:12 2021

Response via : Initial Calibration



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 QLast Update : Tue Jun 29 08:22:19 2021
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(18) Fluoranthene-d10 (SURR)

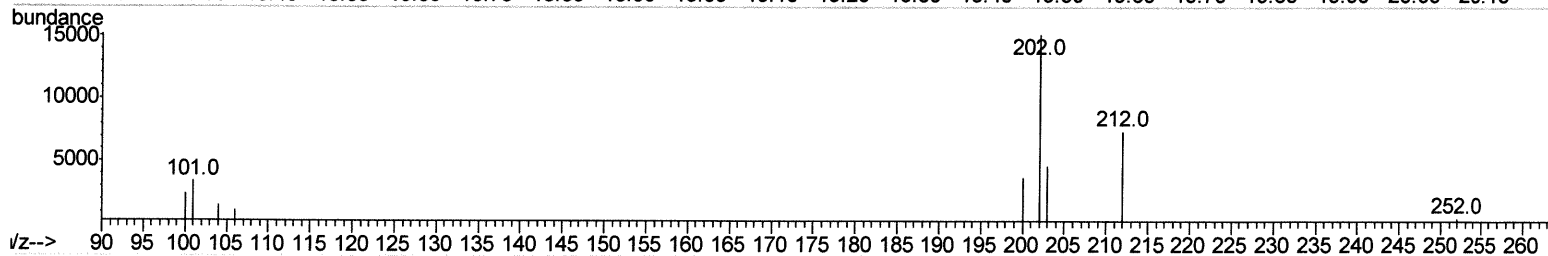
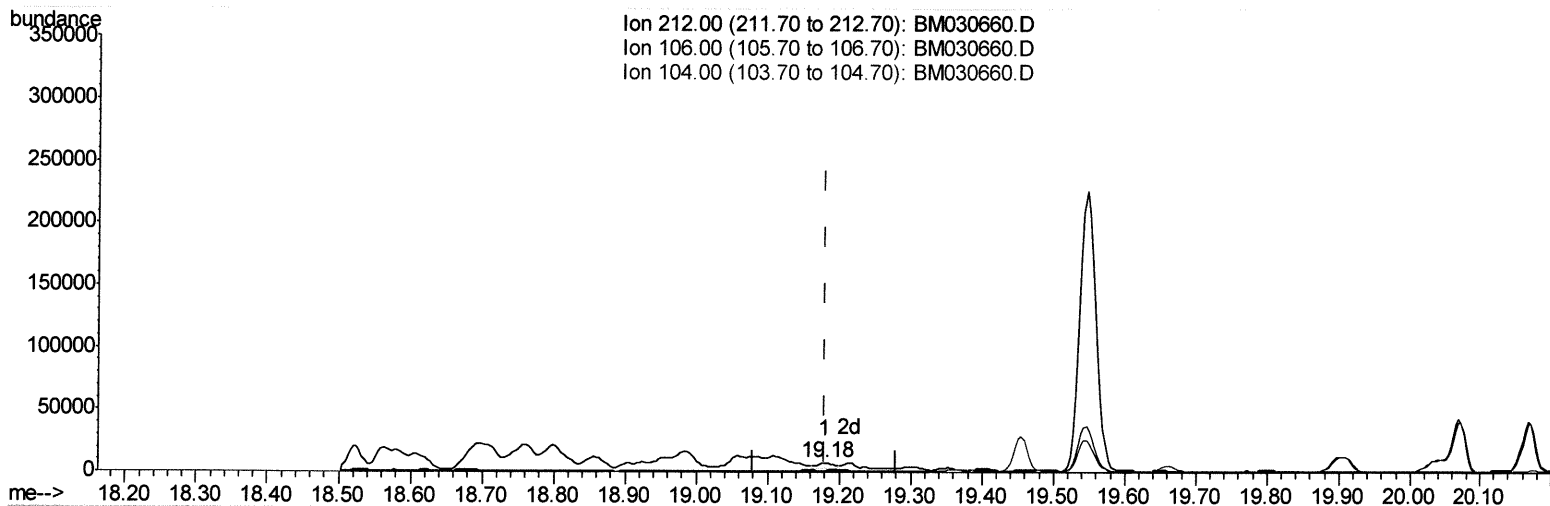
19.180min (+0.000) 0.08ng/ul

response 3862

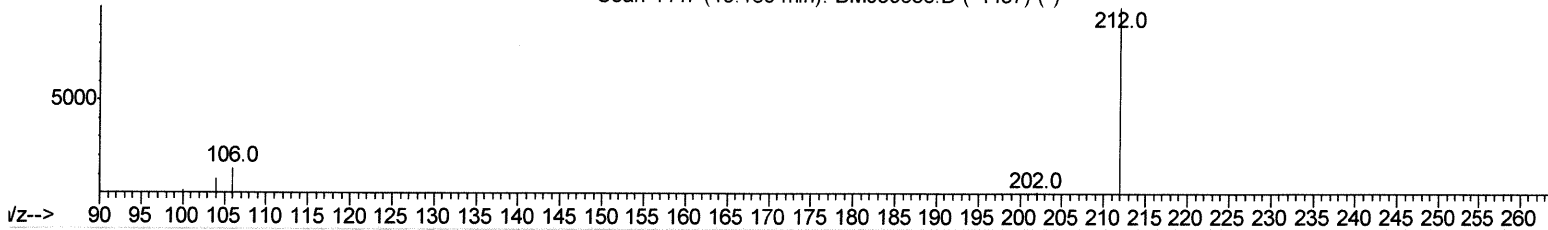
Ion	Exp%	Act%
212.00	100	100
106.00	14.20	20.92#
104.00	8.40	0.00#
0.00	0.00	0.00

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Scan 4447 (19.180 min): BM030658.D (-4437) (-)



TIC: BM030660.D

(18) Fluoranthene-d10 (SURR)

19.180min (+0.000) 0.15ng/ul m

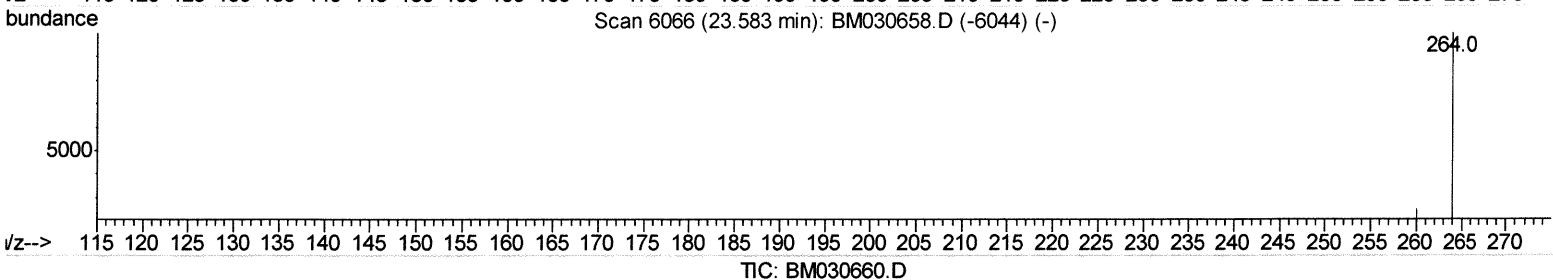
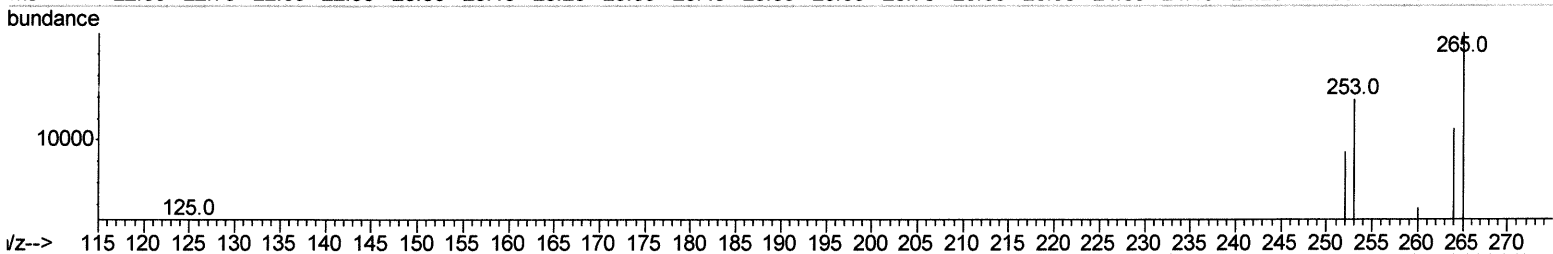
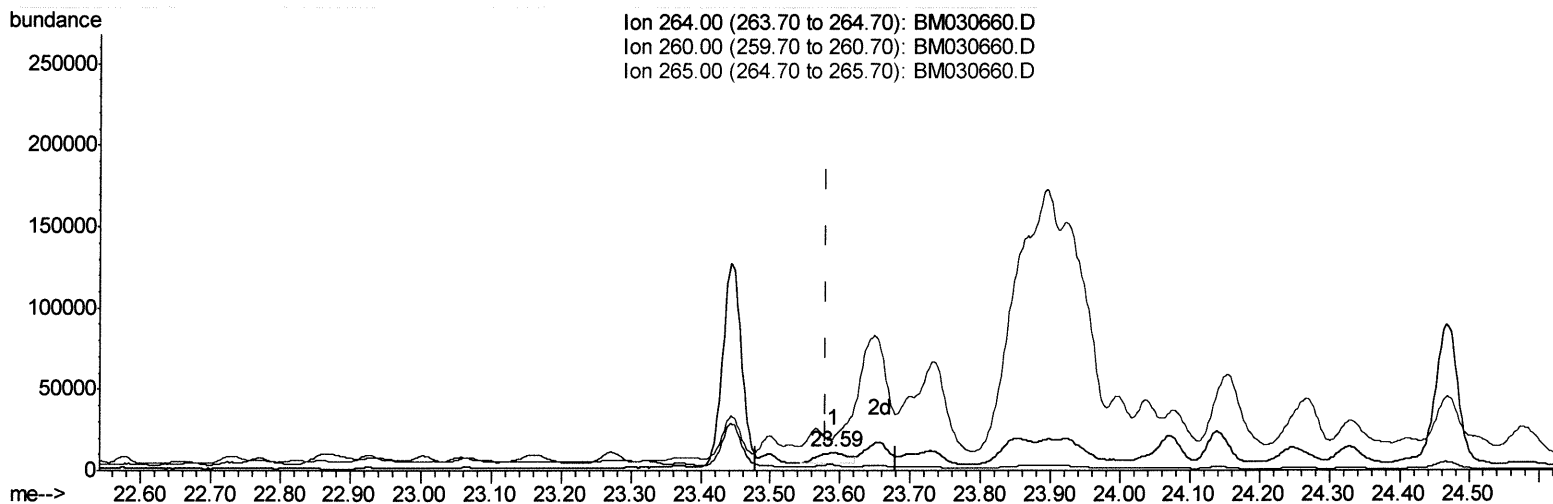
JU 6/30/21

response 6910

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	11.69
104.00	8.40	0.00#
0.00	0.00	0.00

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(23) Perylene-d12 (I)

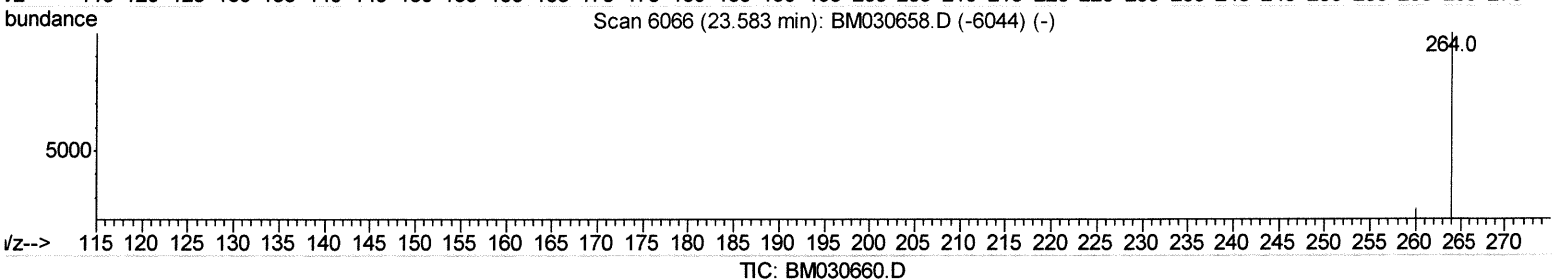
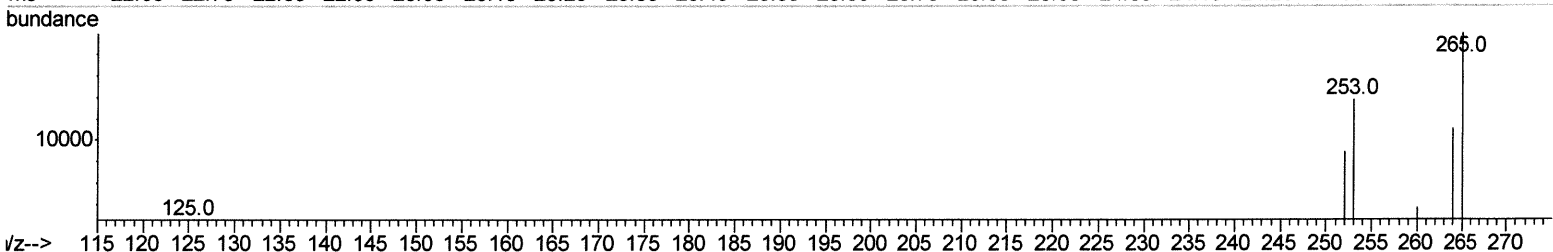
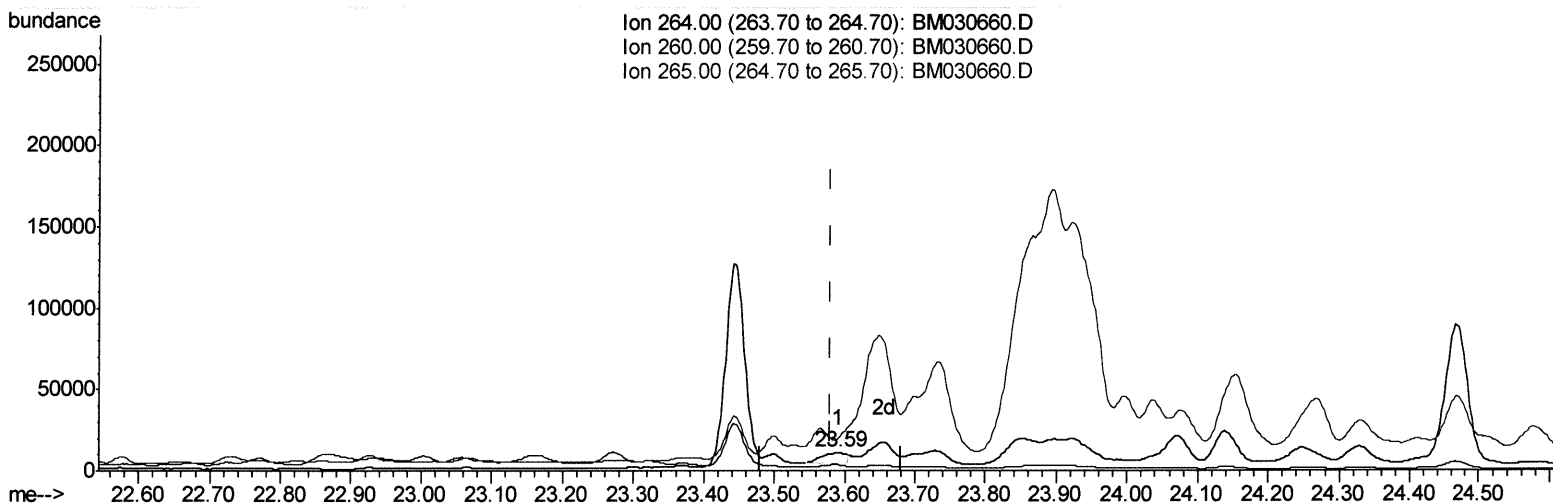
23.590min (+0.010) 0.40ng/ui

response 19461

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	32.99#
265.00	86.70	180.68#
0.00	0.00	0.00

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 Sample : M2682-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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(23) Perylene-d12 (I)

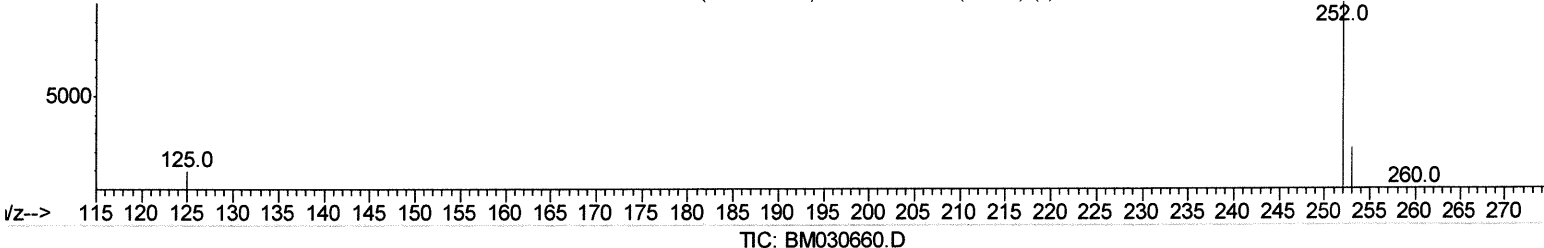
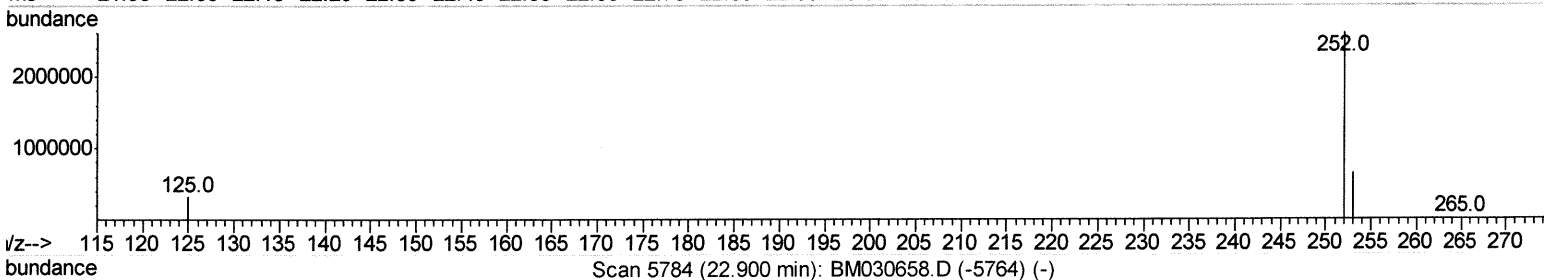
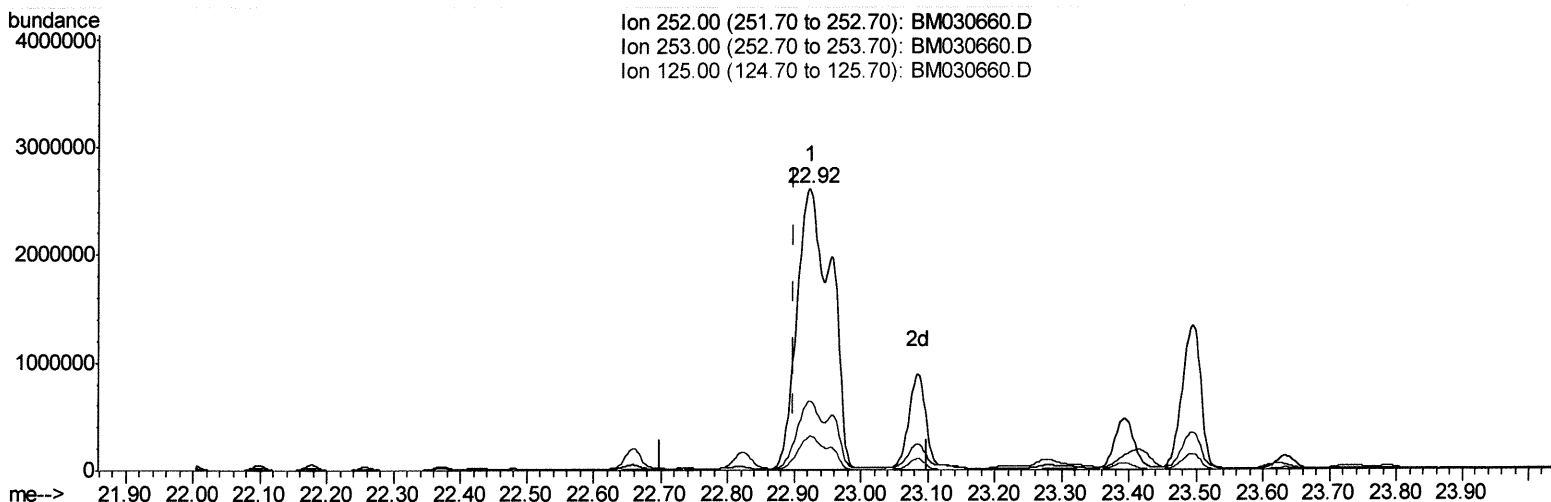
23.590min (+0.010) 0.40ng/ul m *JU 6/30/21*

response 15556

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	32.99#
265.00	86.70	180.68#
0.00	0.00	0.00

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 Operator : CG/JU
 Sample : M2682-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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(24) Benzo(b)fluoranthene

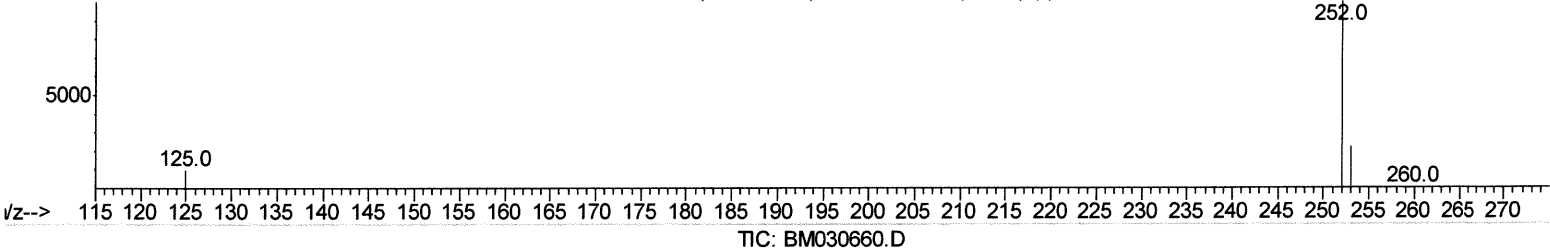
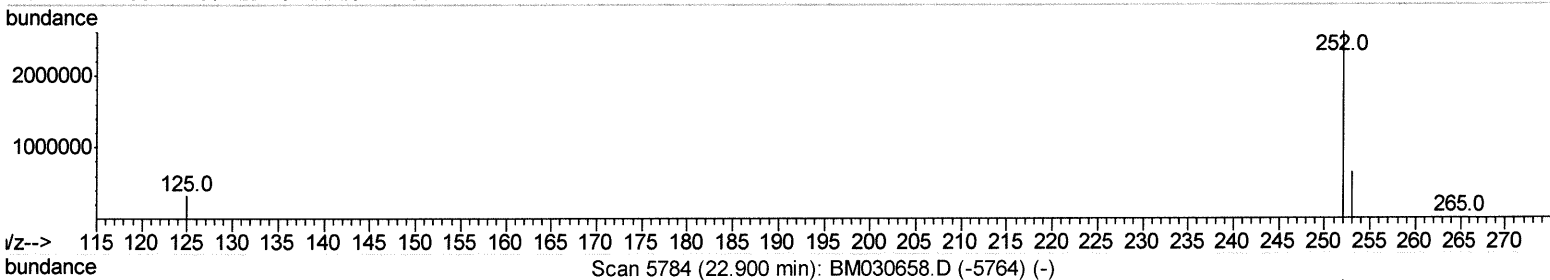
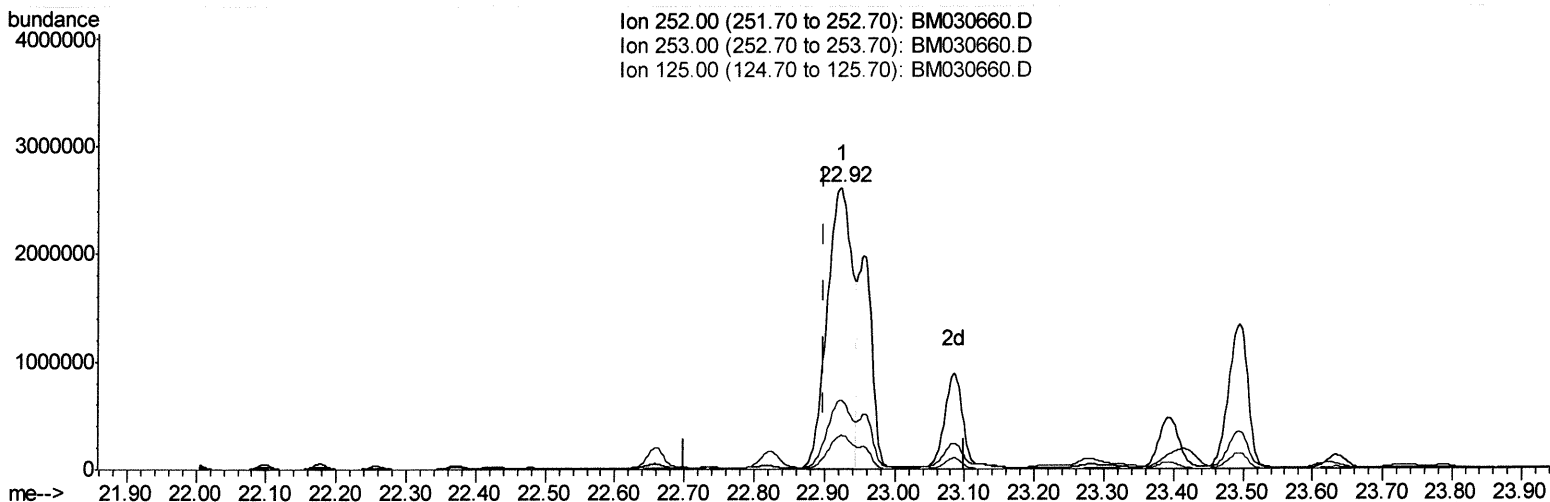
22.924min (+0.024) 106.61ng/ul

response 9189164

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	24.72
125.00	16.60	12.14
0.00	0.00	0.00

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 Operator : CG/JU
 Sample : M2682-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 29 08:13:27 2021
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(24) Benzo(b)fluoranthene

22.924min (+0.024) 91.88ng/ul m

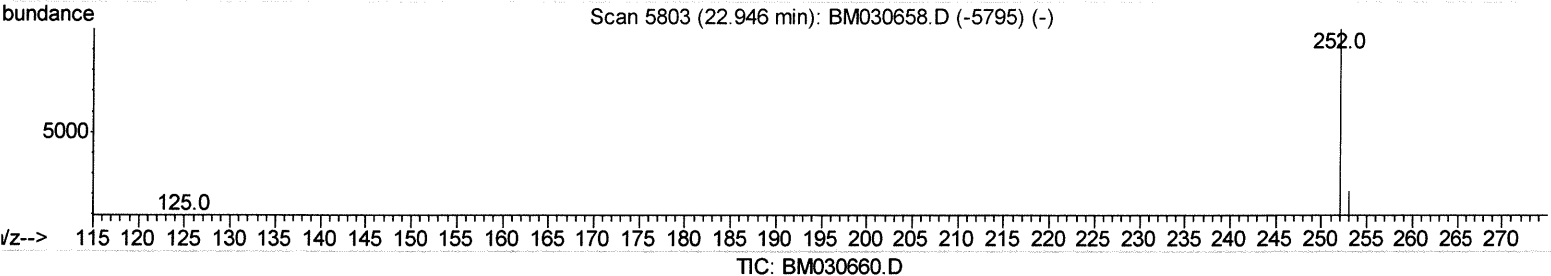
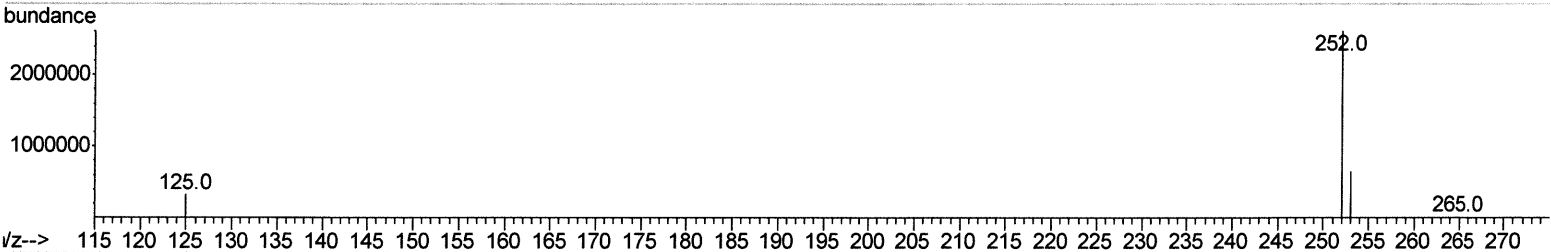
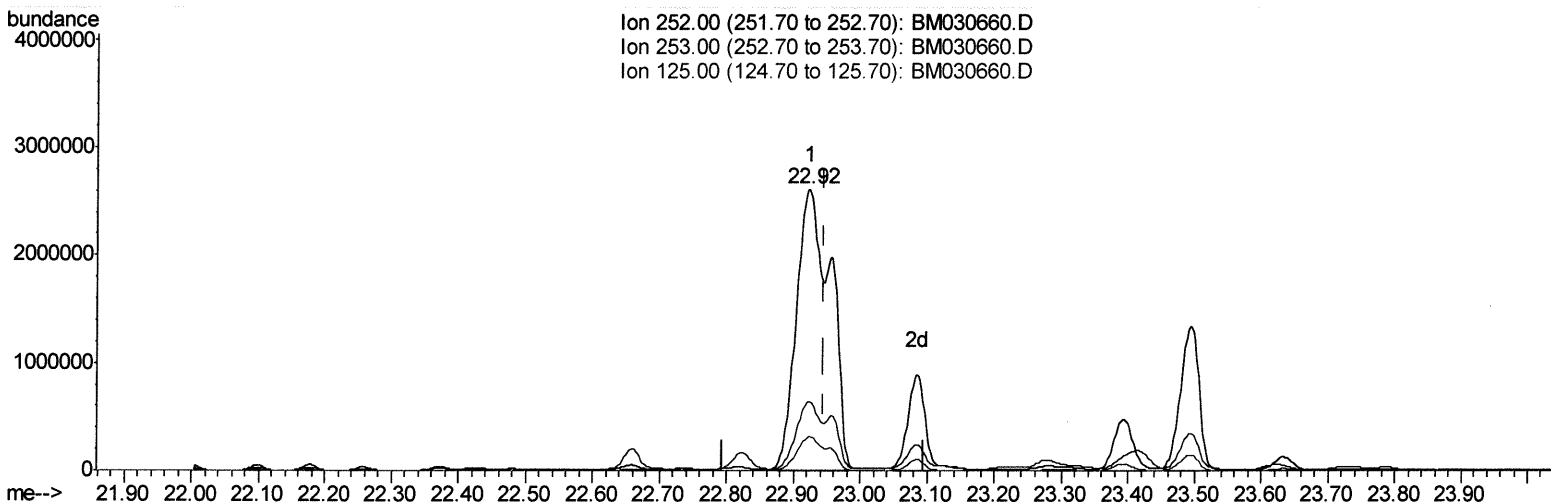
JU 6/30/21

response 6330789

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	24.72
125.00	16.60	12.14
0.00	0.00	0.00

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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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(25) Benzo(k)fluoranthene

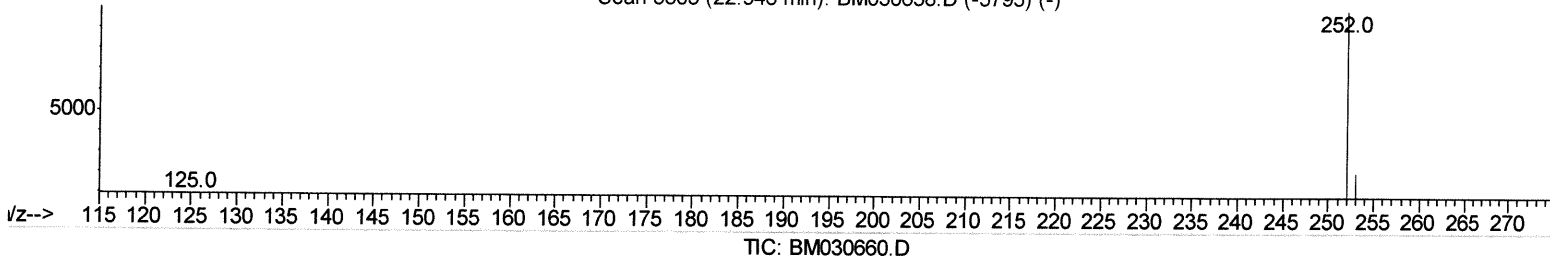
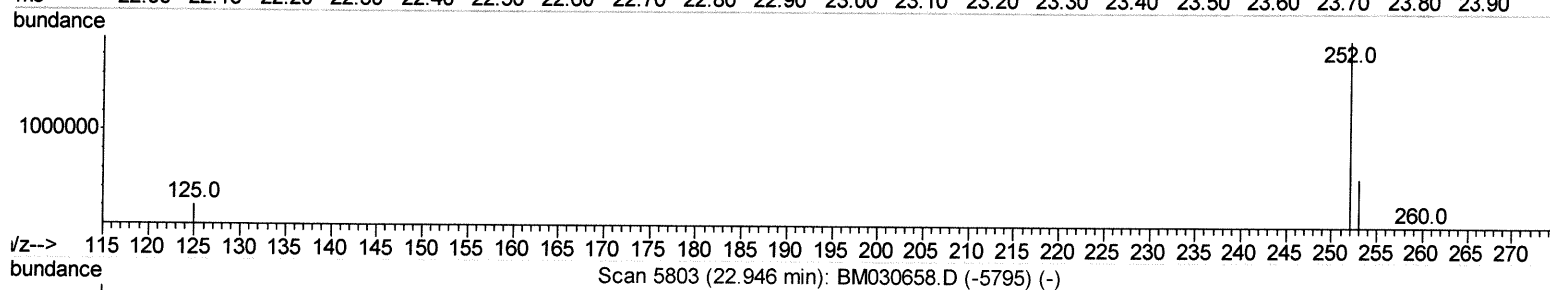
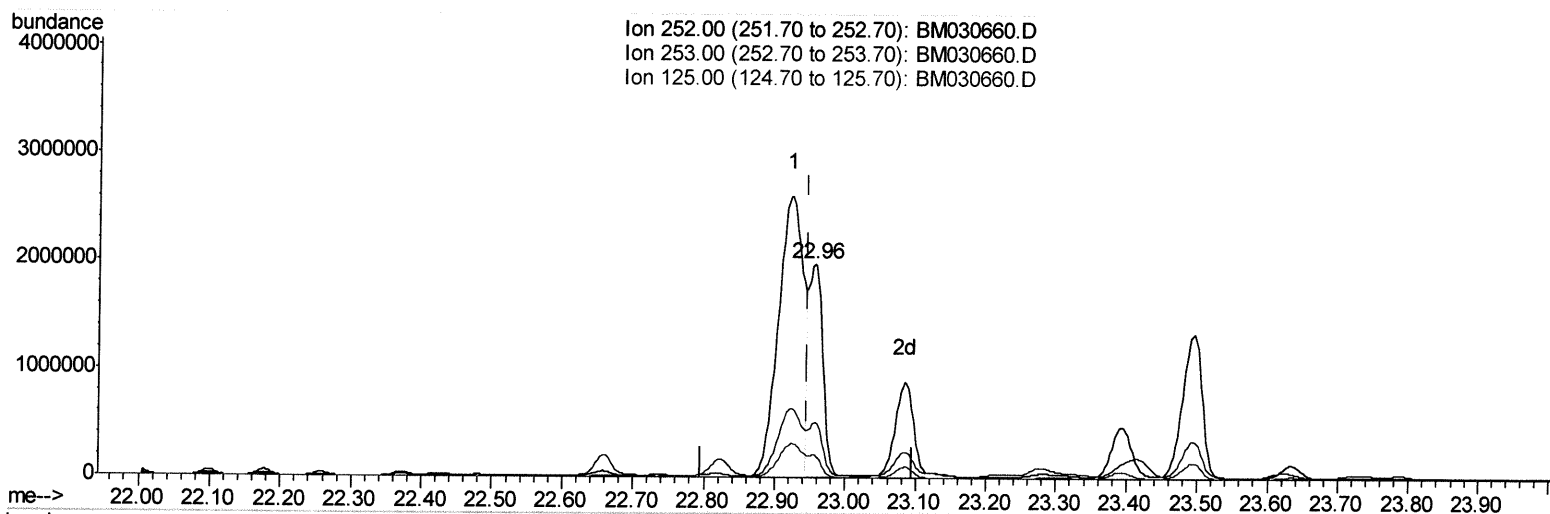
22.924min (-0.022) 103.40ng/ul

response 9189164

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	24.72
125.00	15.80	12.14#
0.00	0.00	0.00

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 Sample : M2682-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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(25) Benzo(k)fluoranthene

22.956min (+0.010) 39.75ng/ul m

response 2823877

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	25.83
125.00	15.80	10.60#
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	7.79	152	2348	0.40	ng/ul	0.00
4) Naphthalene-d8	10.57	136	8961	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	6262	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	11204	0.40	ng/ul	0.00
17) Chrysene-d12	21.34	240	16446	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	15556m	0.40	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	4454	1.74	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.16	152	3199	0.23	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	6910m	0.15	ng/ul	0.00

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Target Compounds

					Ovalue
5) Naphthalene	10.62	128	172373	6.750	ng/ul 98
7) 2-Methylnaphthalene	12.24	142	28785	1.675	ng/ul 98
8) 1-Methylnaphthalene	12.46	142	18998	1.136	ng/ul 98
10) Acenaphthylene	14.14	152	621588	22.236	ng/ul 98
11) Acenaphthene	14.48	153	200023	8.831	ng/ul 98
12) Fluorene	15.46	166	767506	30.717	ng/ul 99
15) Phenanthrene	17.21	178	8149668	216.371	ng/ul 94
16) Anthracene	17.29	178	5513902	167.162	ng/ul 98
19) Fluoranthene	19.23	202	14622000	201.436	ng/ul# 86
20) Pyrene	19.58	202	9897922	135.601	ng/ul# 90
21) Benzo(a)anthracene	21.32	228	7106089	108.394	ng/ul# 83
22) Chrysene	21.37	228	5724543	77.951	ng/ul# 90
24) Benzo(b)fluoranthene	22.92	252	6330789m	91.882	ng/ul
25) Benzo(k)fluoranthene	22.96	252	2823877m	39.753	ng/ul
26) Benzo(a)pyrene	23.50	252	2597252	44.318	ng/ul# 86
27) Indeno(1,2,3-cd)pyrene	25.88	276	1926983	25.241	ng/ul# 97
28) Dibenzo(a,h)anthracene	25.88	278	812706	13.266	ng/ul 97
29) Benzo(a,h,i)perylene	26.58	276	82766	1.248	ng/ul# 85

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