

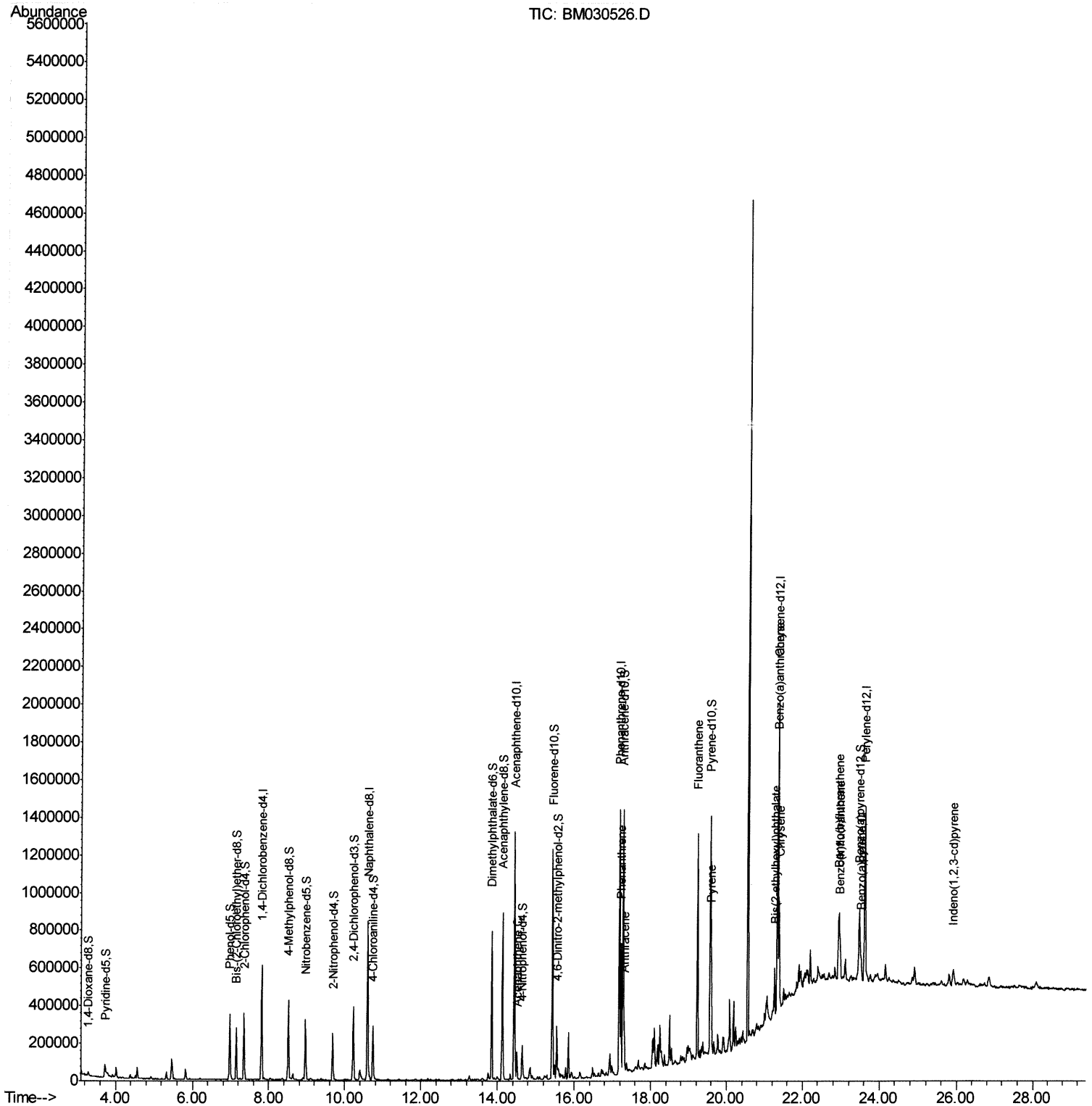
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030526.D
Acq On : 22 Jun 2021 21:45
Operator : CG/JU
Sample : M2662-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDH4

Manual Integrations
APPROVED

mohammad
6/23/2021 4:48:35 PM

Quant Time: Jun 23 02:03:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration



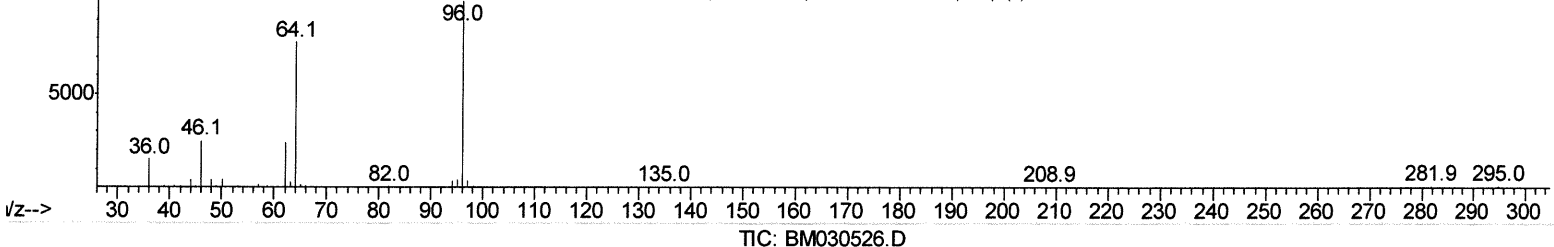
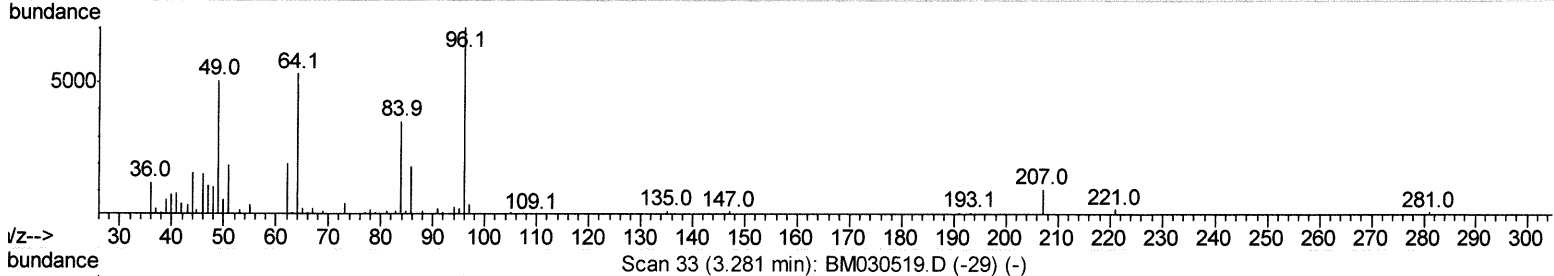
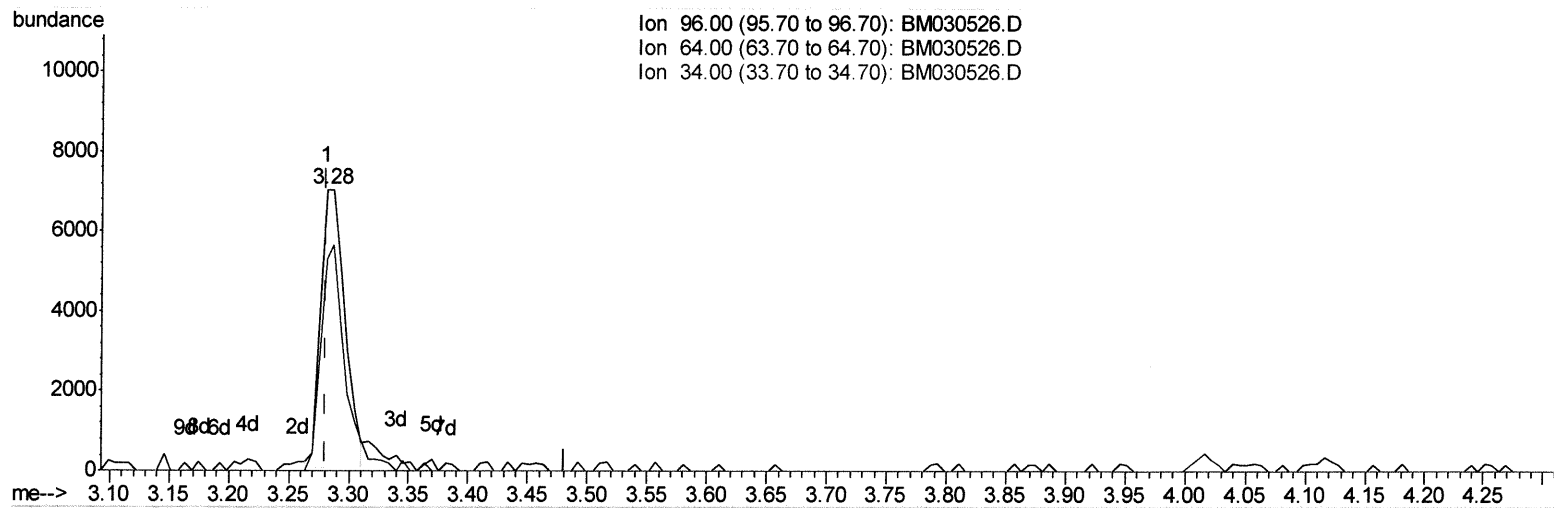
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(3) 1,4-Dioxane-d8 (S)

3.281min (-0.000) 2.40ng/uL

response 9818

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	75.64
34.00	0.00	0.00
0.00	0.00	0.00

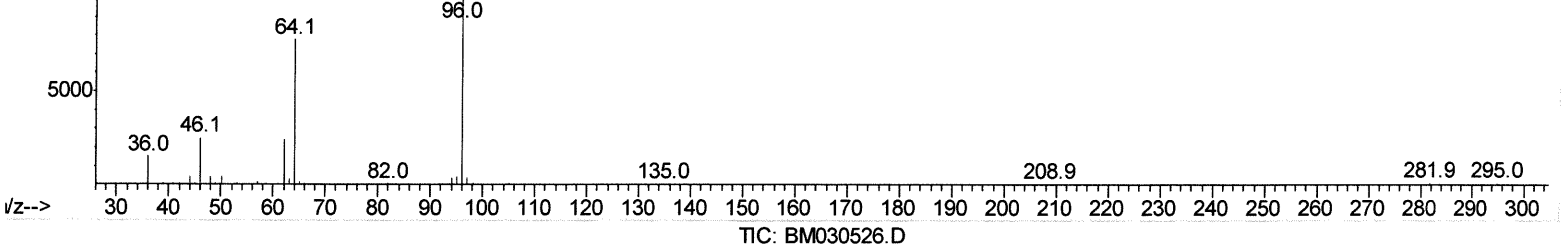
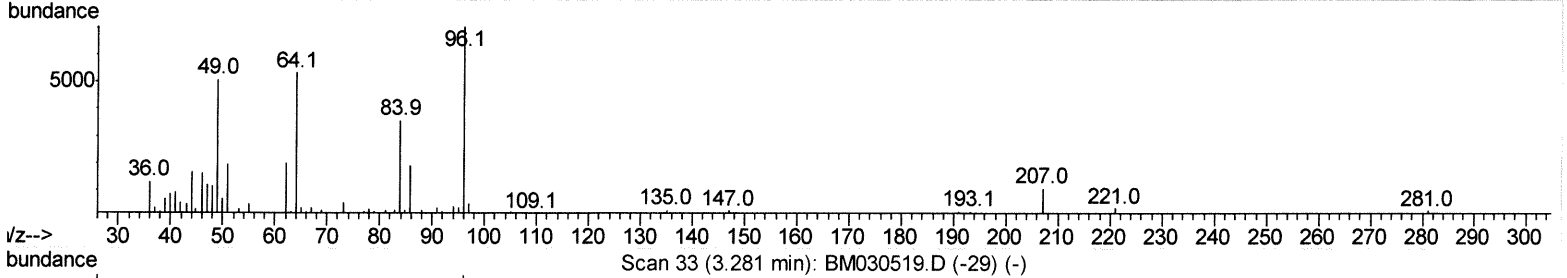
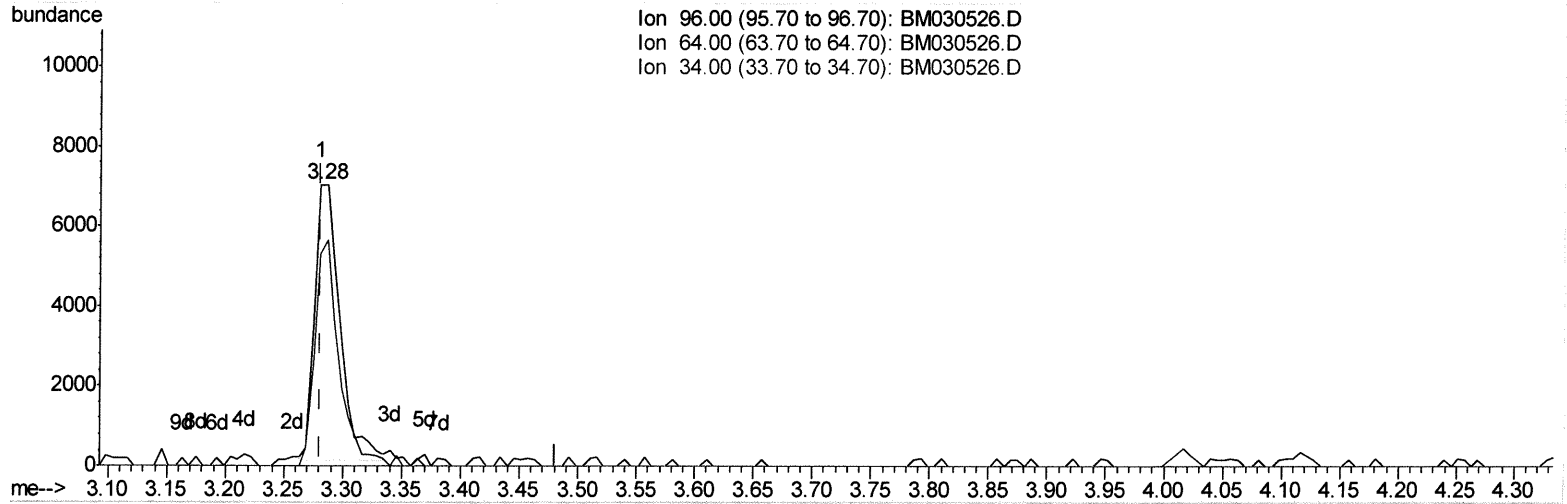
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(3) 1,4-Dioxane-d8 (S)

3.281min (-0.000) 2.51ng/uL m

response 10262

JP 6/23/21

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	75.64
34.00	0.00	0.00
0.00	0.00	0.00

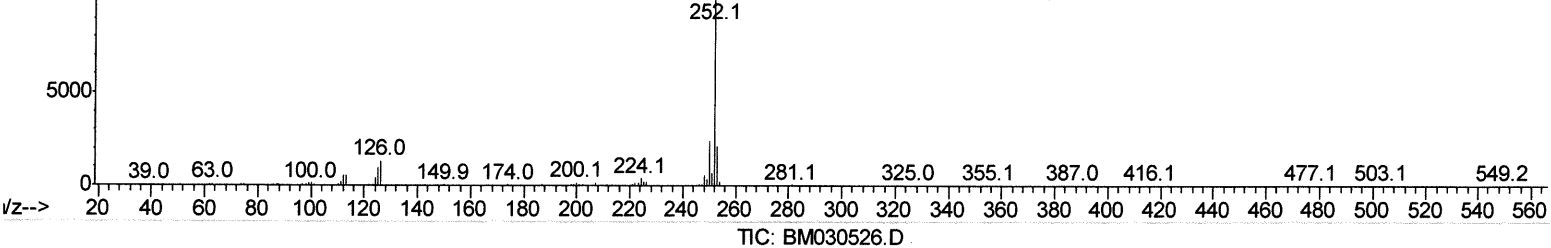
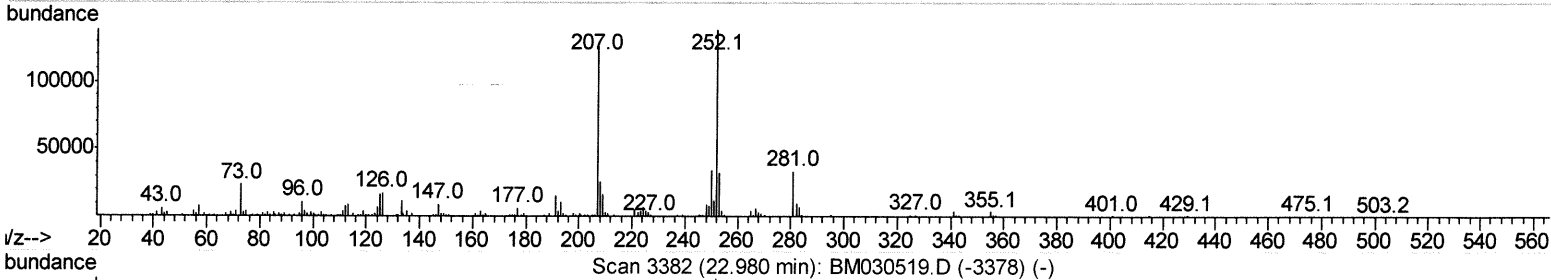
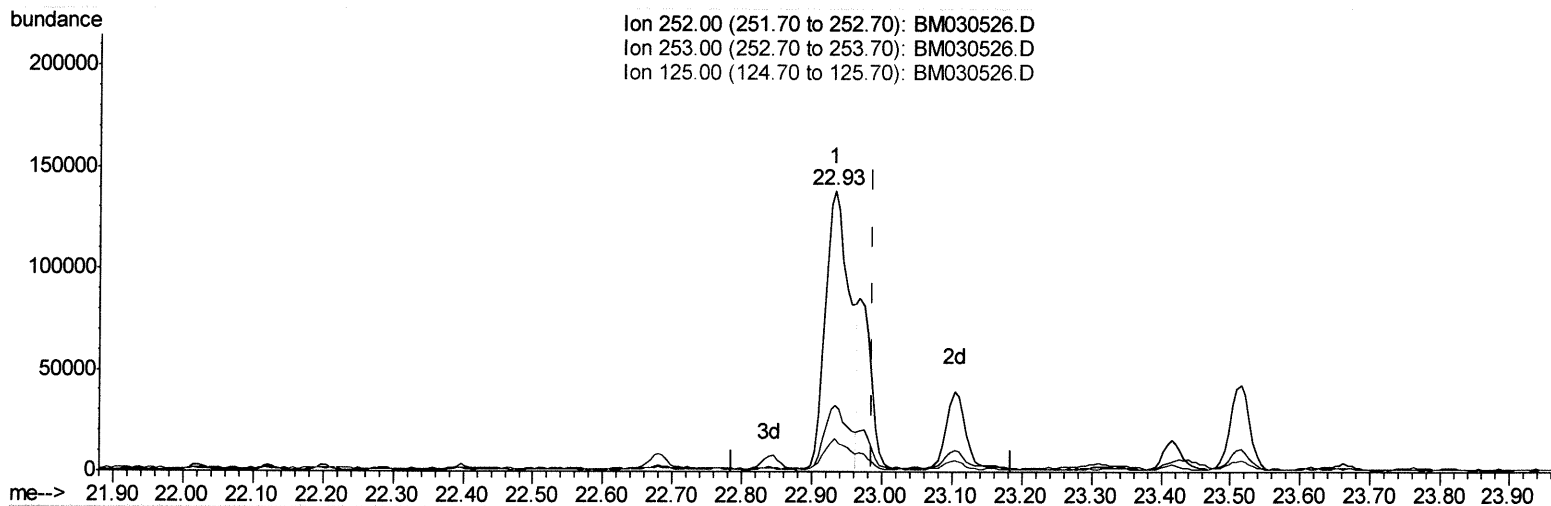
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Quant Time: Jun 23 02:02:19 2021
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(91) Benzo(k)fluoranthene
 22.933min (-0.053) 8.33ng/ul
 response 336086

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.64
125.00	9.90	11.83
0.00	0.00	0.00

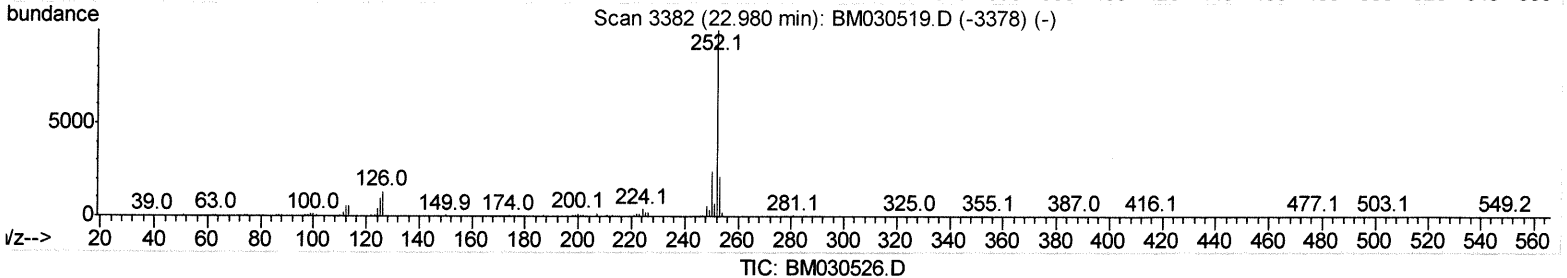
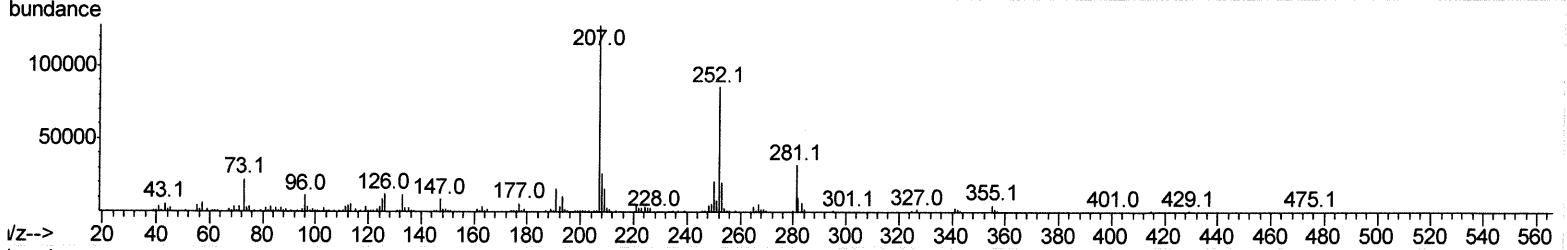
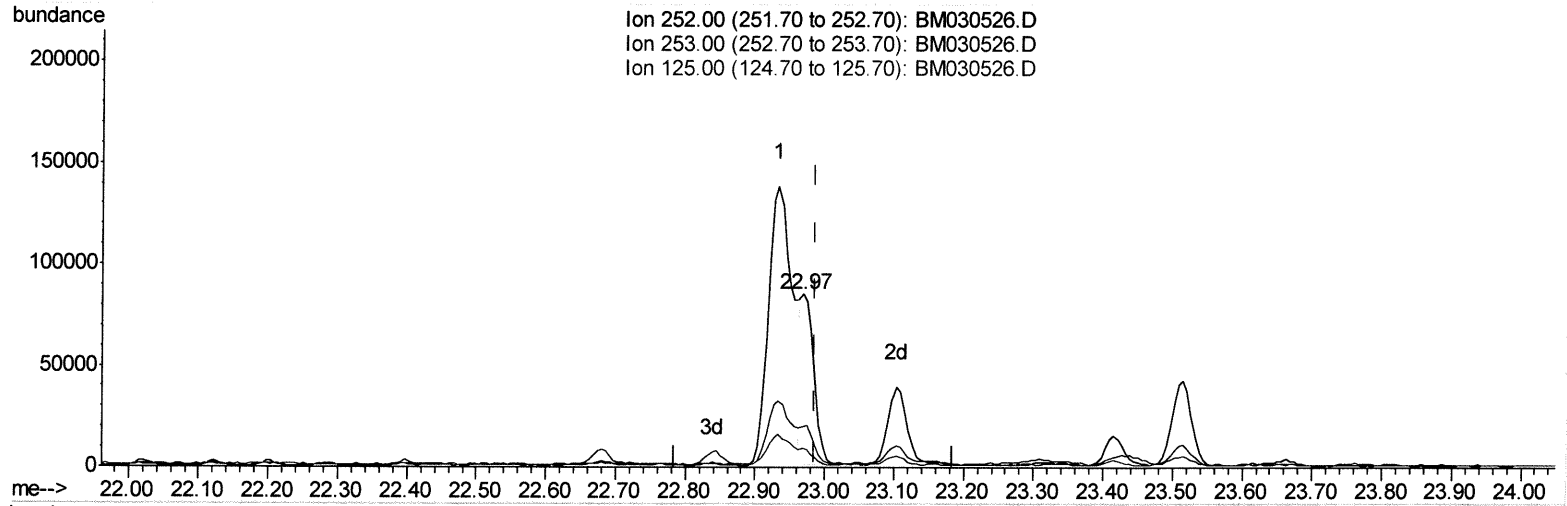
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(91) Benzo(k)fluoranthene

22.968min (-0.018) 2.71ng/ul m

Ju 6/23/21

response 109401

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.43
125.00	9.90	10.77
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	7.81	152	165697	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	681122	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	432820	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.18	188	831647	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	657034	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	661072	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	10262m	2.51	ng/uL	0.00
4) Pividine-d5	3.72	84	58812	5.36	ng/ul	0.02
7) Phenol-d5	6.97	99	188177	13.17	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	126888	14.13	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	156946	14.23	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	156570	14.08	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	72954	14.35	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	78146	13.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	152254	14.07	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	164660	10.91	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	533869	17.86	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	616810	15.90	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	50848	8.98	ng/ul	0.00
60) Fluorene-d10	15.43	176	482301	18.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	60759	11.17	ng/ul	0.00
73) Anthracene-d10	17.27	188	765177	19.71	ng/ul	0.00
81) Pyrene-d10	19.56	212	512232	14.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	267363	7.78	ng/ul	-0.01

7/6/20/21

Target Compounds

					Ovalue	
52) Acenaphthene	14.50	153	59750	2.288	ng/ul	100
72) Phenanthrene	17.22	178	406760	9.108	ng/ul	100
74) Anthracene	17.31	178	169337	3.708	ng/ul	99
80) Fluoranthene	19.23	202	709157	16.866	ng/ul	99
82) Pylene	19.59	202	353263	7.996	ng/ul	98
85) Benzo(a)anthracene	21.33	228	362833	8.898	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.26	149	73665	3.522	ng/ul	99
87) Chrysene	21.38	228	288919	7.268	ng/ul	98
90) Benzo(b)fluoranthene	22.93	252	336086	8.008	ng/ul#	96
91) Benzo(k)fluoranthene	22.97	252	109401m	2.712	ng/ul	92
93) Benzo(a)pyrene	23.51	252	82418	2.184	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	25.90	276	69957	1.472	ng/ul	95

7/6/20/21

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