

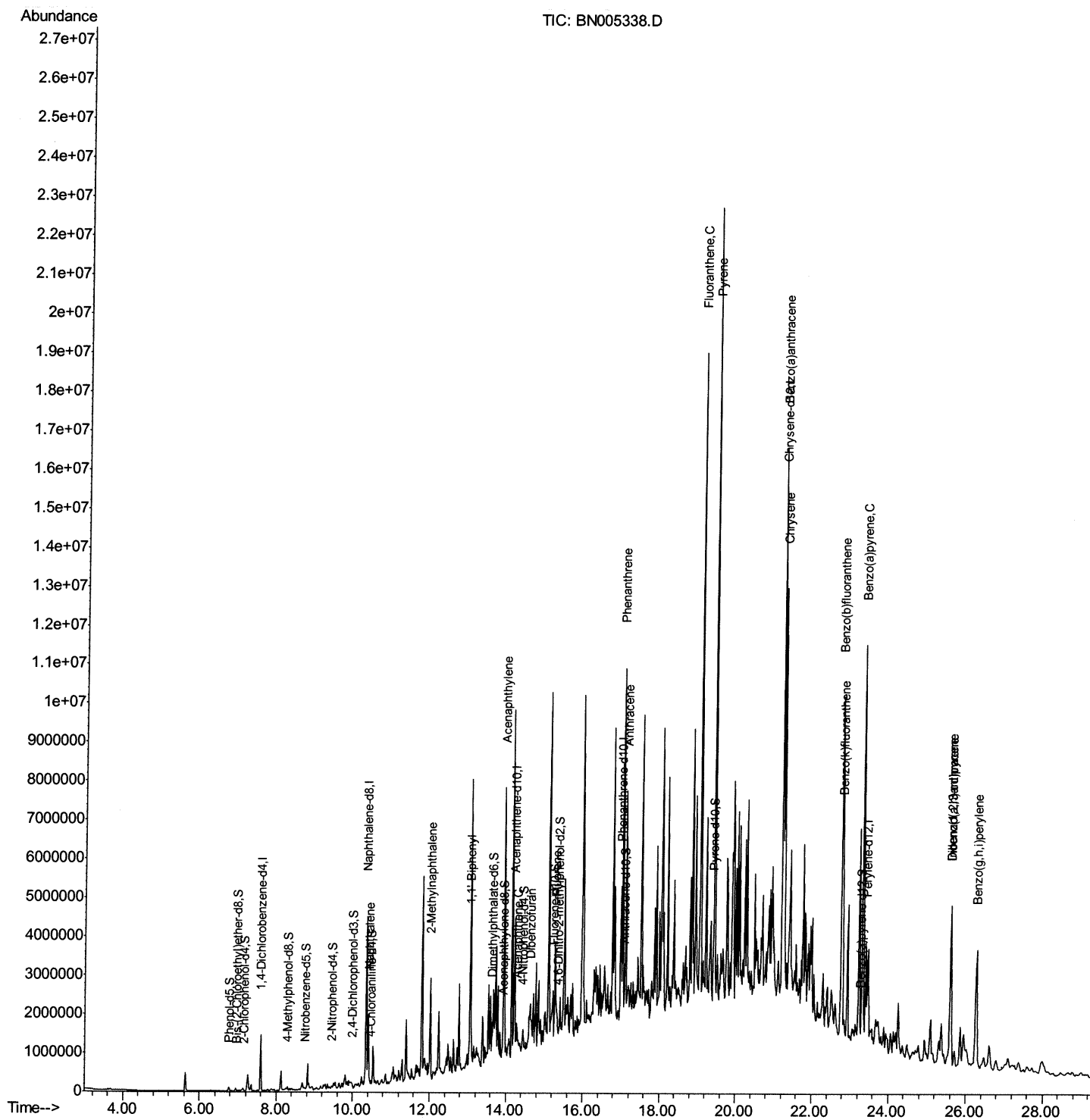
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHX7

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:04 PM

Quant Time: Apr 27 05:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:54:49 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

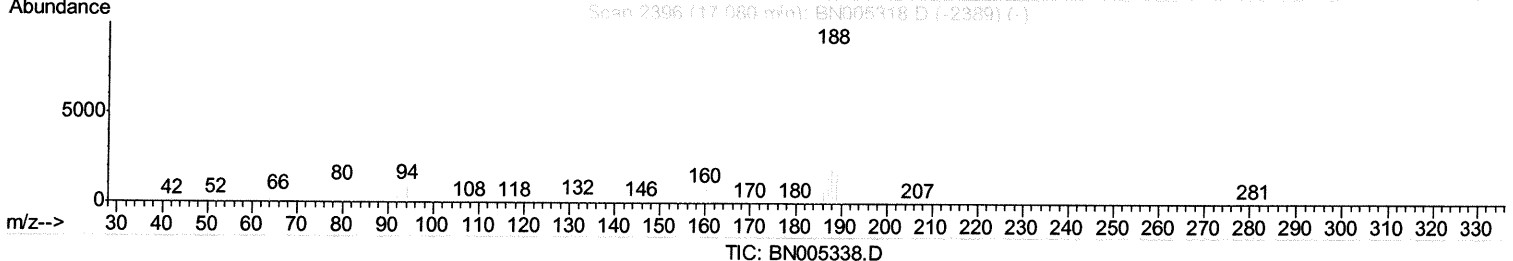
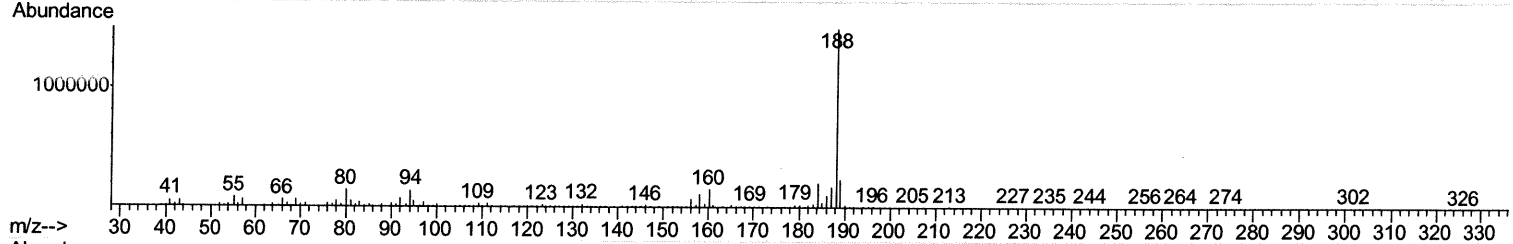
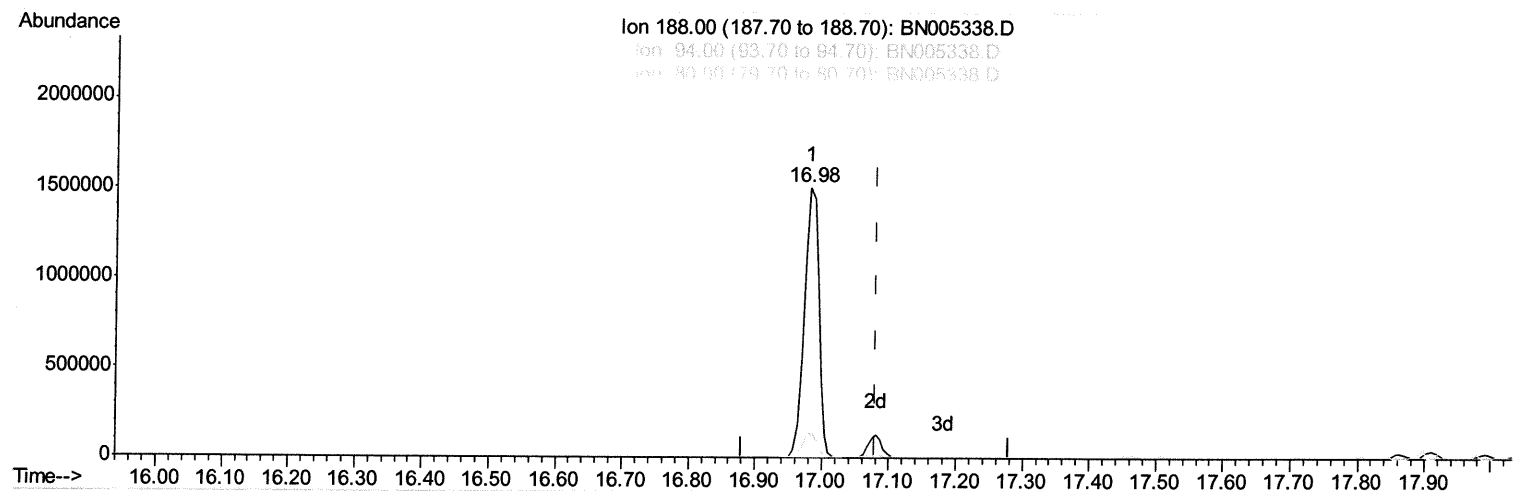
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(70) Anthracene-d10 (S)

16.981min (-0.100) 23.85ng/ul

response 2247512

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	8.94
80.00	10.30	9.54
0.00	0.00	0.00

Quantitation Report (Qedit)

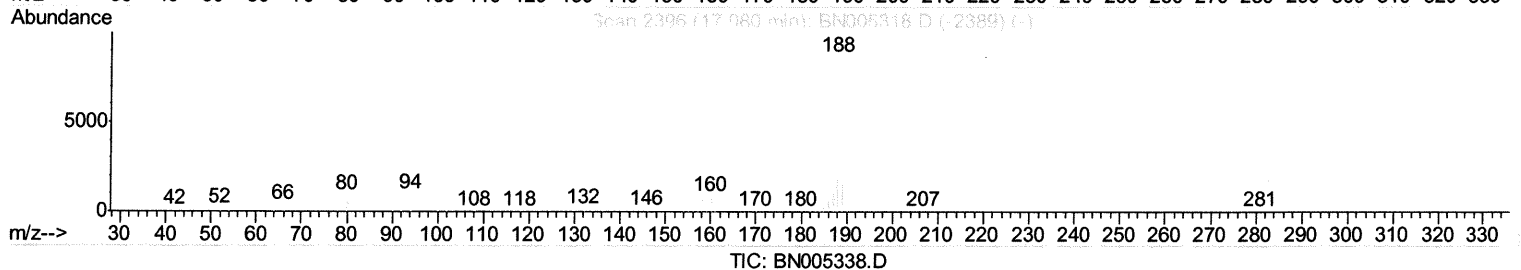
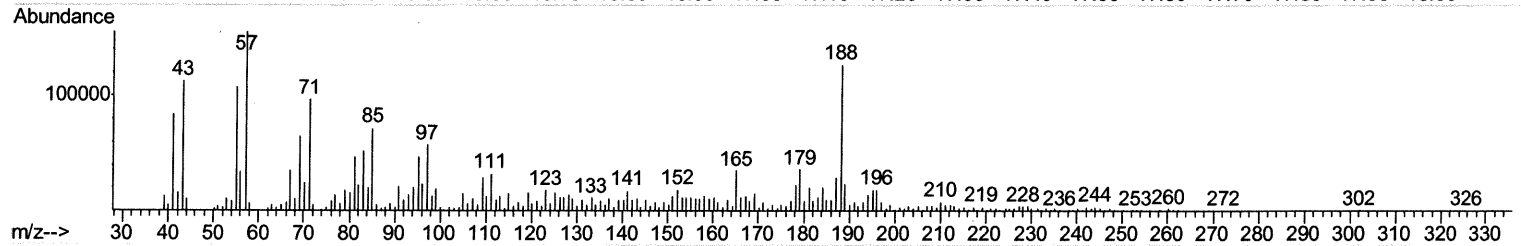
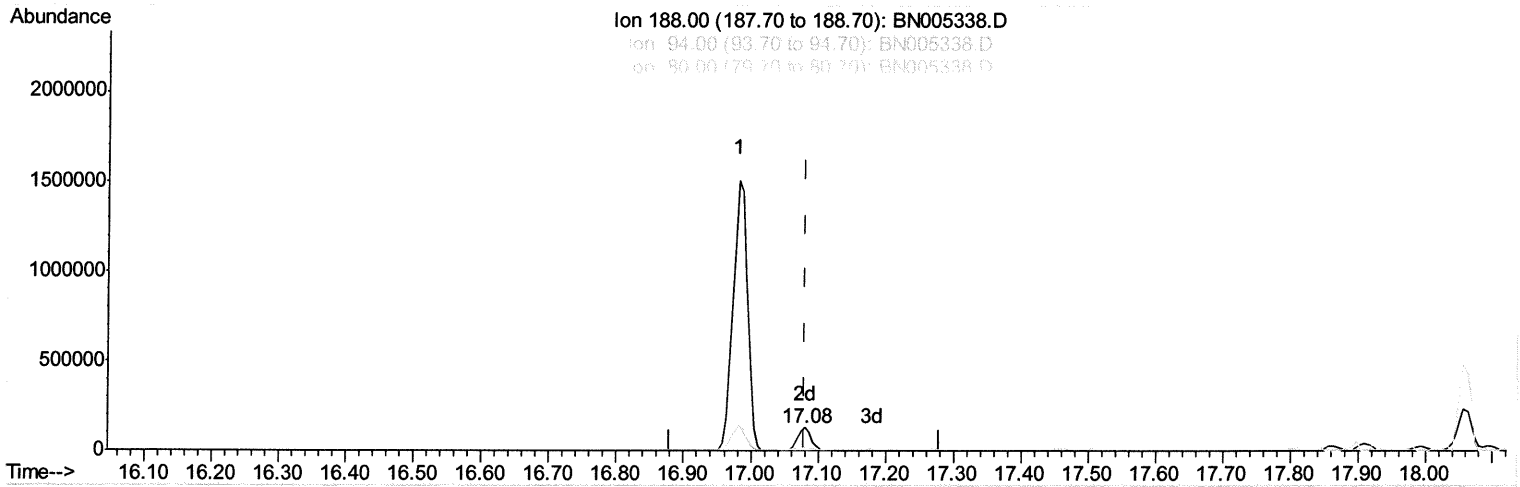
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(70) Anthracene-d10 (S)

17.081min (+0.000) 1.92ng/ul m *SS 04/30/19*

response 180601

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	15.85#
80.00	10.30	12.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

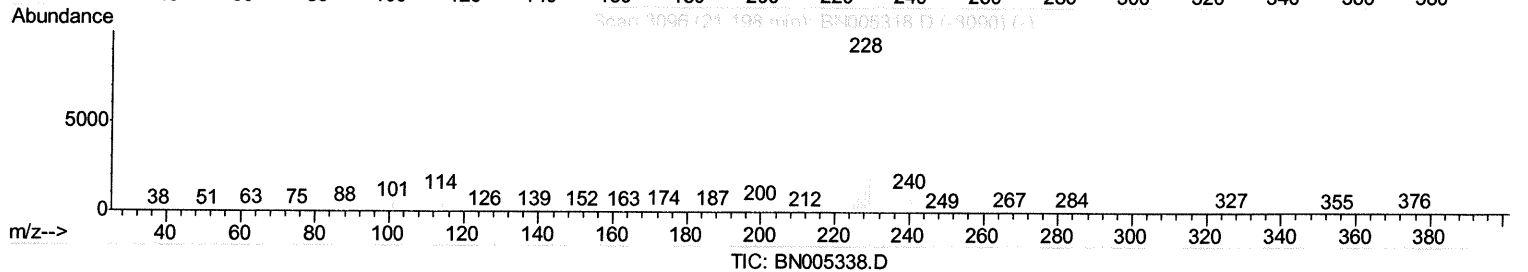
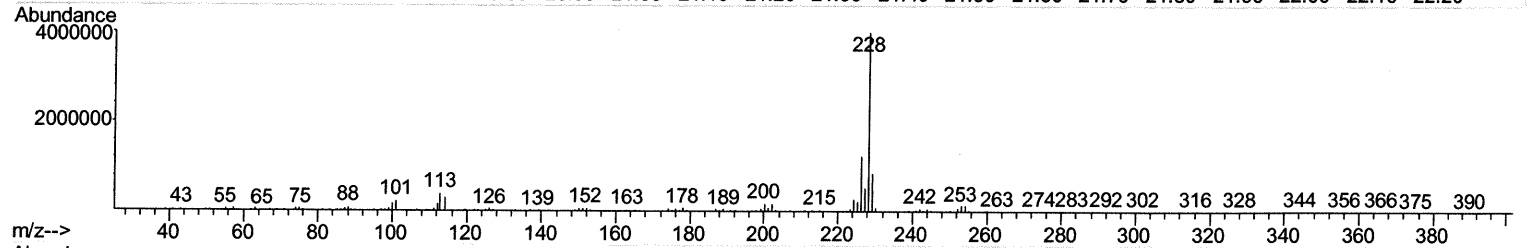
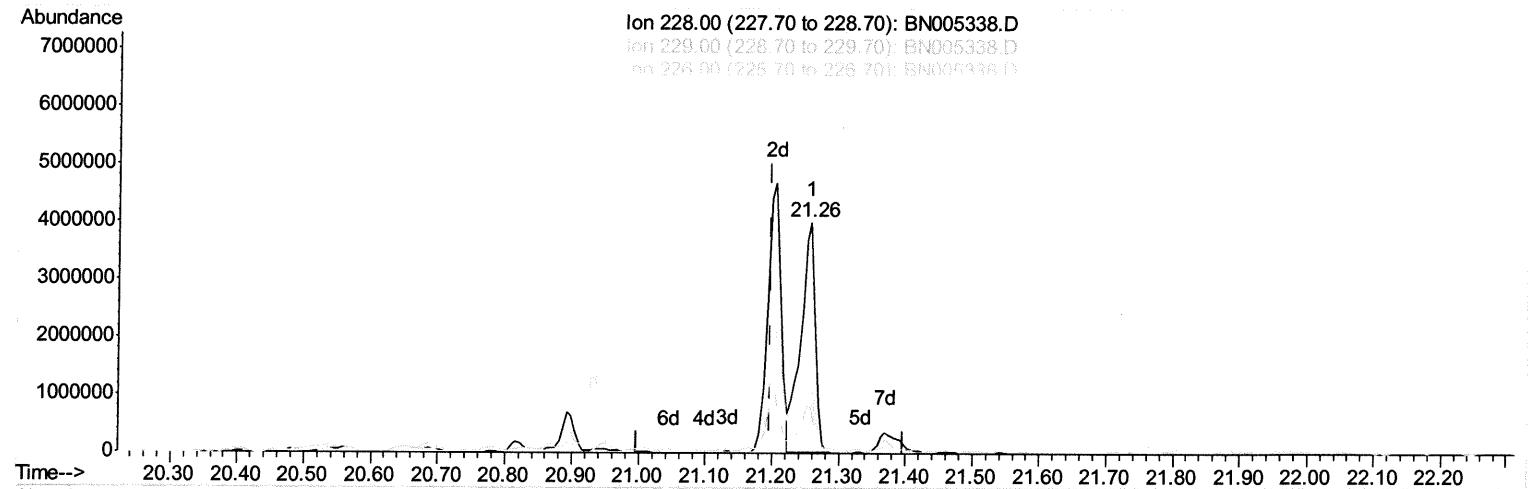
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(82) Benzo(a)anthracene

21.257min (+0.059) 53.47ng/ul

response 6037659

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.20
226.00	26.80	30.69
0.00	0.00	0.00

Quantitation Report (Qedit)

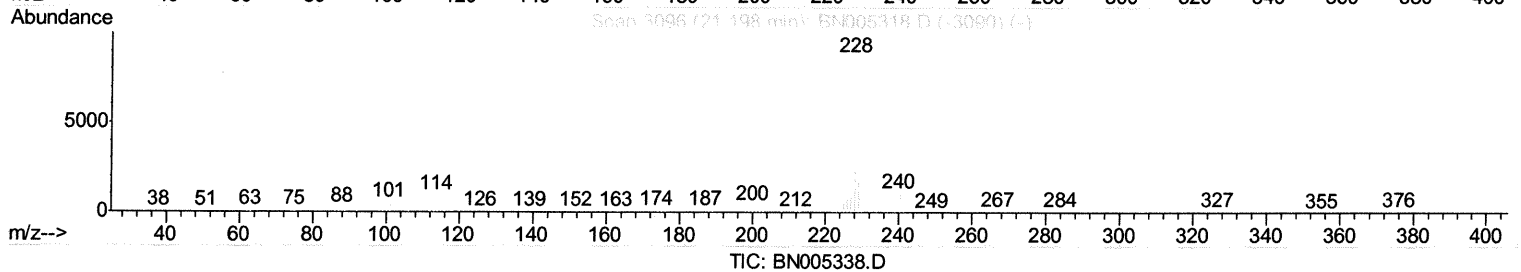
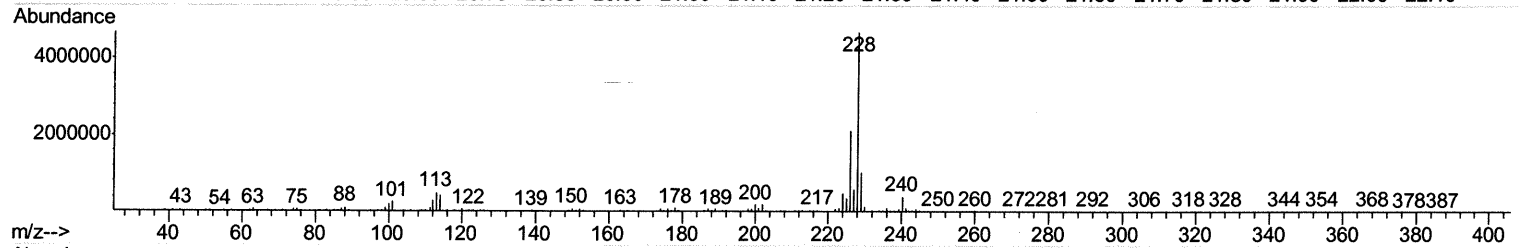
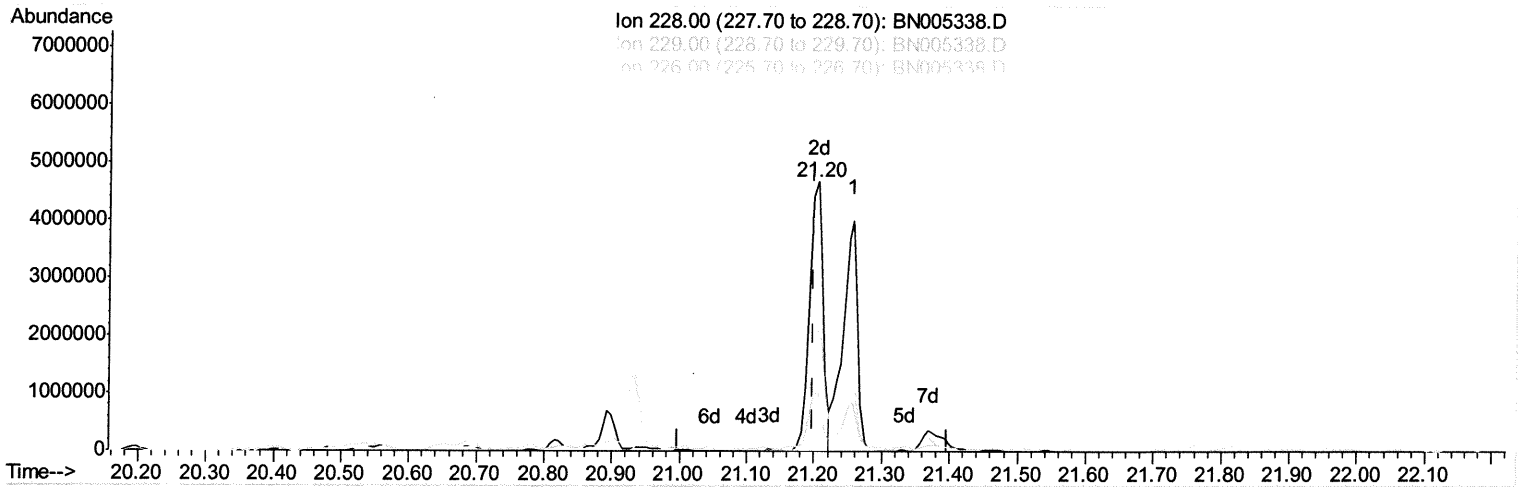
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(82) Benzo(a)anthracene

21.204min (+0.006) 58.17ng/ul m *SJ 04/30/19*

response 6568384

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.77
226.00	26.80	45.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

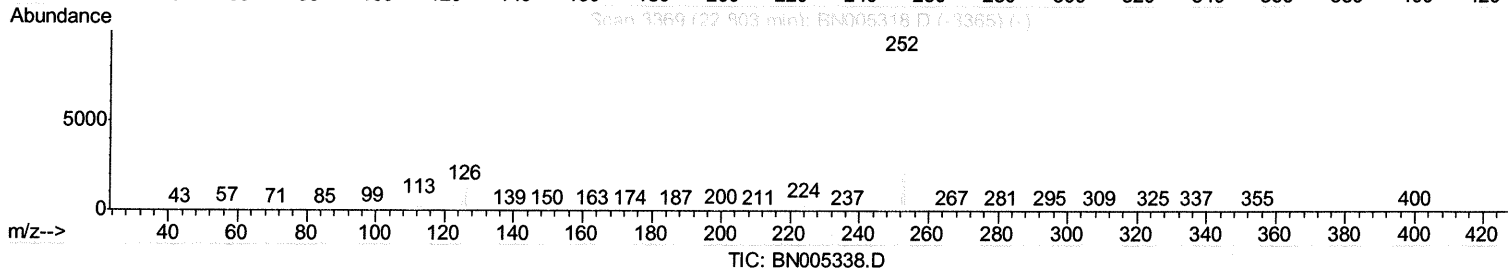
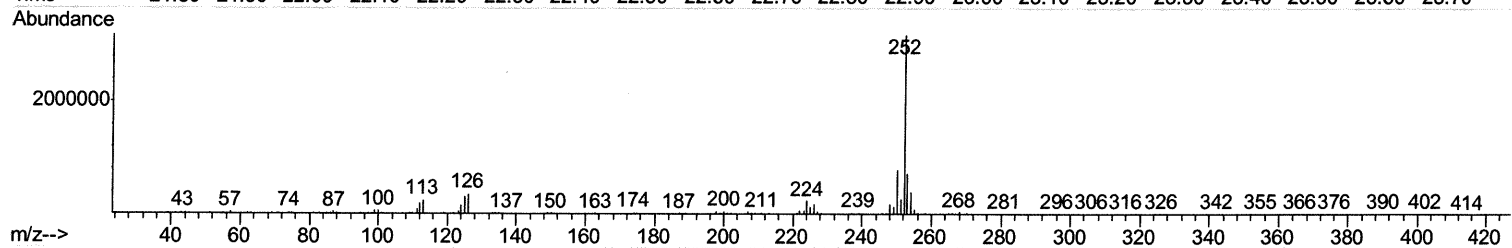
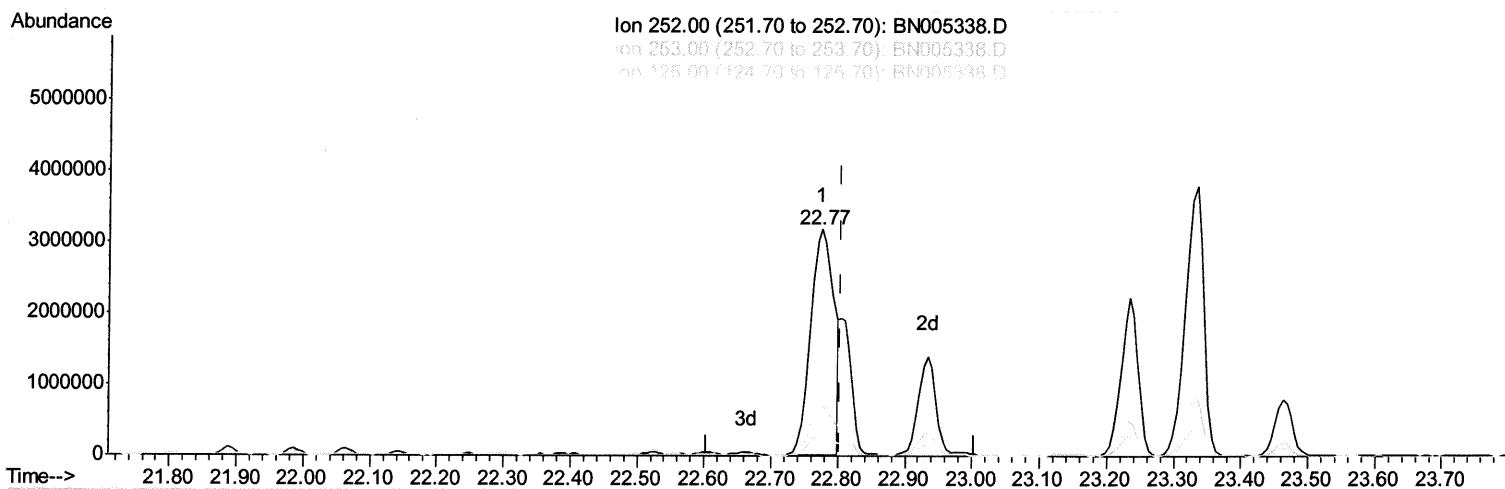
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Misc :
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(88) Benzo(k)fluoranthene

22.774min (-0.029) 78.10ng/ul

response 7612894

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.50
125.00	9.40	9.91
0.00	0.00	0.00

Quantitation Report (Qedit)

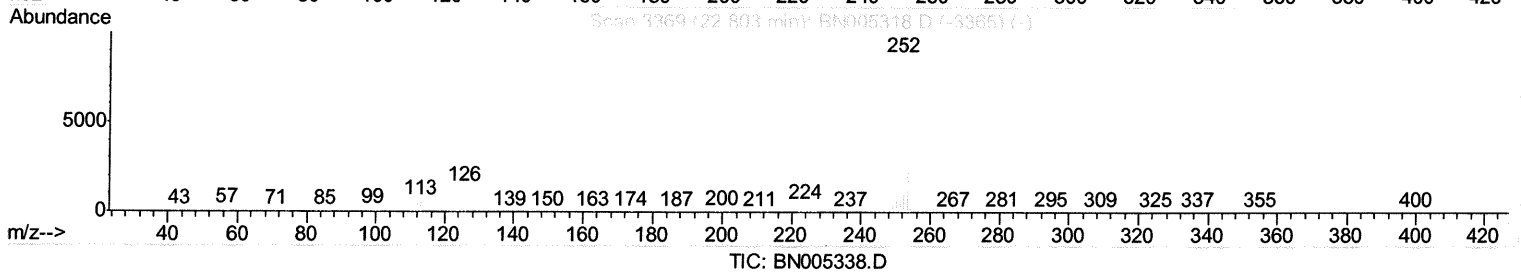
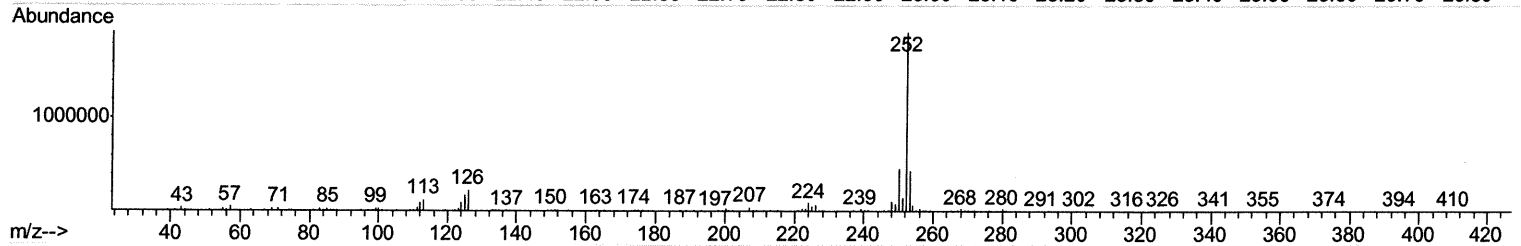
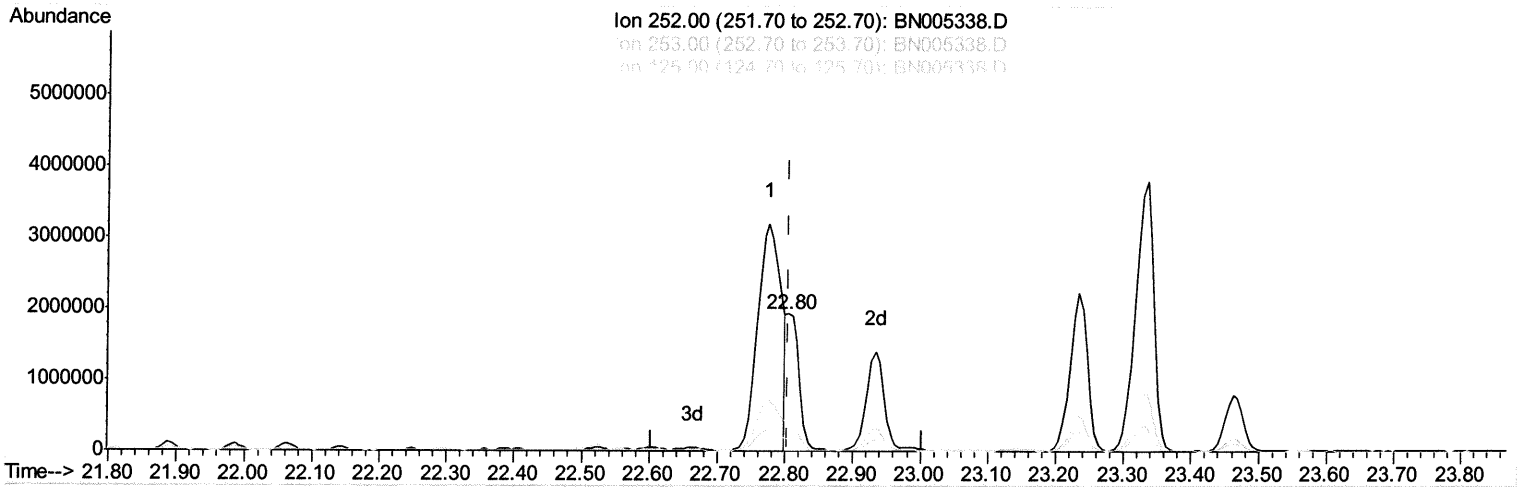
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(88) Benzo(k)fluoranthene

22.804min (+0.000) 25.04ng/ul mSJ 04/30/19

response 2440588

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.88
125.00	9.40	9.08
0.00	0.00	0.00

Quantitation Report (Qedit)

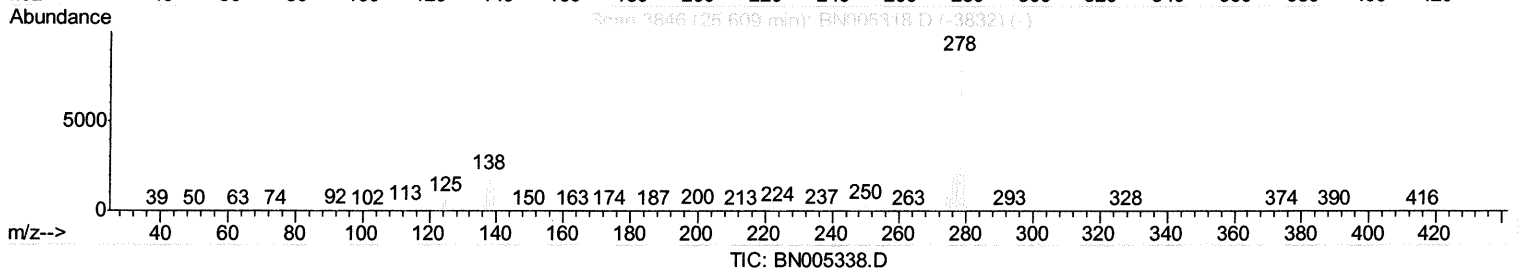
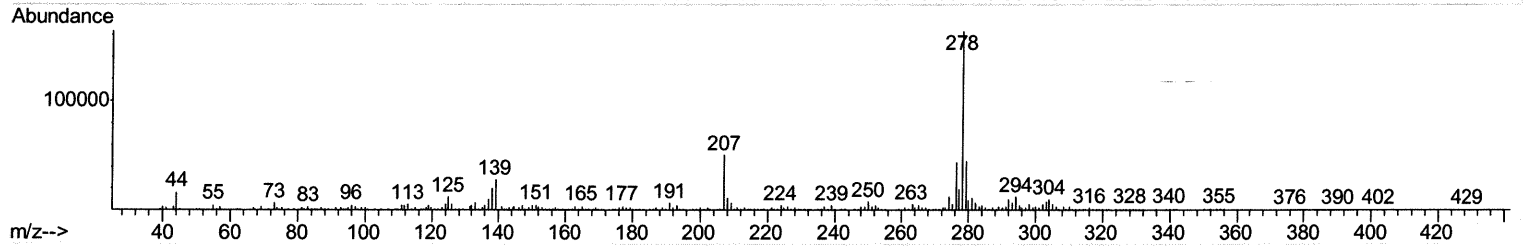
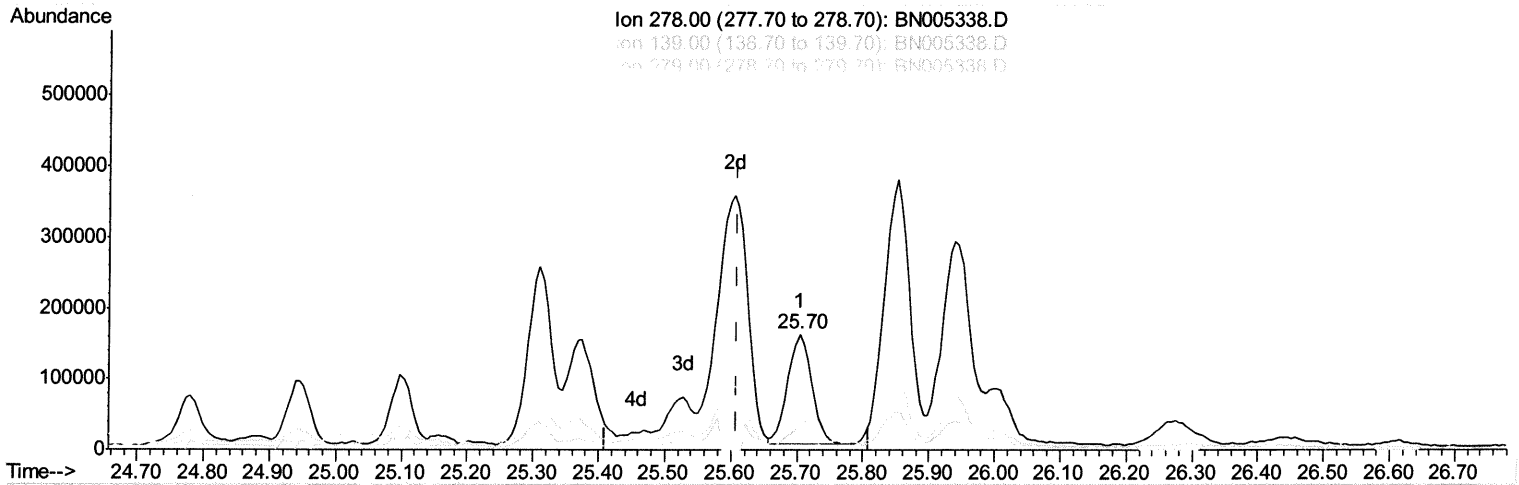
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(92) Dibenzo(a,h)anthracene

25.704min (+0.094) 4.42ng/ul

response 398186

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	17.25
279.00	24.20	27.28
0.00	0.00	0.00

Quantitation Report (Qedit)

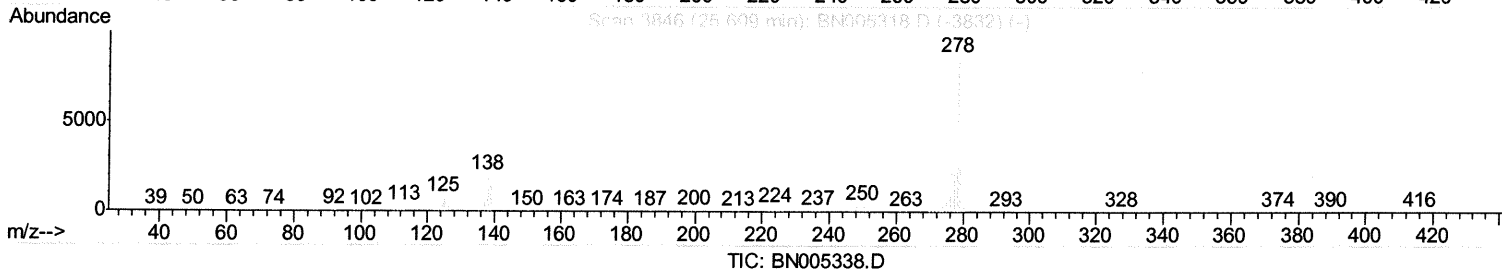
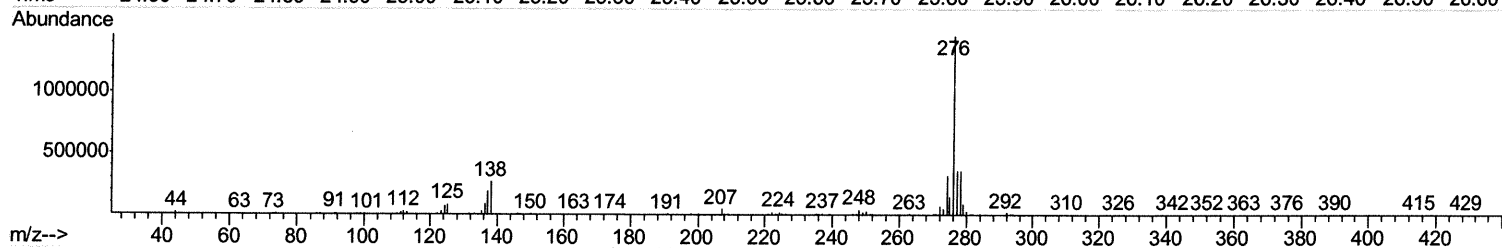
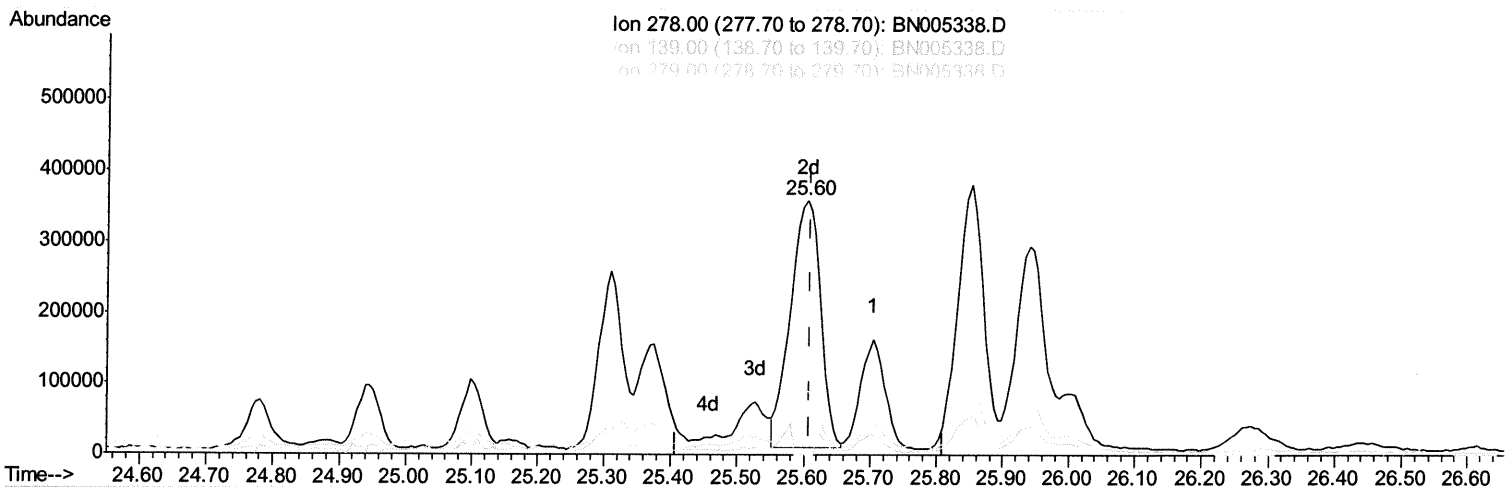
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 Misc :
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Manual Integrations
 APPROVED

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(92) Dibenzo(a,h)anthracene

25.604min (-0.006) 12.21ng/ul m^{SS} 04/30/19

response 1099338

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	0.00#
279.00	24.20	25.73
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	7.59	152	376096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1603883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	967373	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2247512	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1814948	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1815768	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1625	0.21	ng/uL	0.00
5) Phenol-d5	6.78	99	41501	1.40	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.94	67	25798	1.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	33112	1.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	36163	1.57	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	16239	1.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	17663	1.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	36166	1.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	30951	1.31	ng/ul	-0.02
43) Dimethylphthalate-d6	13.64	166	116168	1.65	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	146088	1.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	19605	1.77	ng/ul	0.00
57) Fluorene-d10	15.23	176	110272	1.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	11055	1.09	ng/ul	0.00
70) Anthracene-d10	17.08	188	180601m	1.92	ng/ul	0.00
78) Pyrene-d10	19.40	212	180507	1.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	132130	1.67	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	1427972	19.151	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	979130	17.934	ng/ul	100
40) 1,1'-Biphenyl	13.05	154	190817	2.647	ng/ul	96
47) Acenaphthylene	13.95	152	4698679	55.434	ng/ul	98
49) Acenaphthene	14.29	153	290378	5.018	ng/ul	98
53) Dibenzofuran	14.63	168	220622	2.648	ng/ul#	82
58) Fluorene	15.28	166	1314205	20.215	ng/ul	99
69) Phenanthrene	17.03	178	5253897	47.999	ng/ul	98
71) Anthracene	17.12	178	3621904	32.482	ng/ul	99
76) Fluoranthene	19.06	202	10290035	84.755	ng/ul	100
79) Pyrene	19.43	202	12387297	106.002	ng/ul	99
82) Benzo(a)anthracene	21.20	228	6568384m	58.174	ng/ul	99
84) Chrysene	21.26	228	6051144	57.746	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	7612894	74.586	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	2440588m	25.036	ng/ul	99
90) Benzo(a)pyrene	23.33	252	7099463	73.999	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	3996394	37.676	ng/ul	96
92) Dibenzo(a,h)anthracene	25.60	278	1099338m	12.212	ng/ul	99
93) Benzo(g,h,i)perylene	26.27	276	3729411	42.521	ng/ul	96

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