

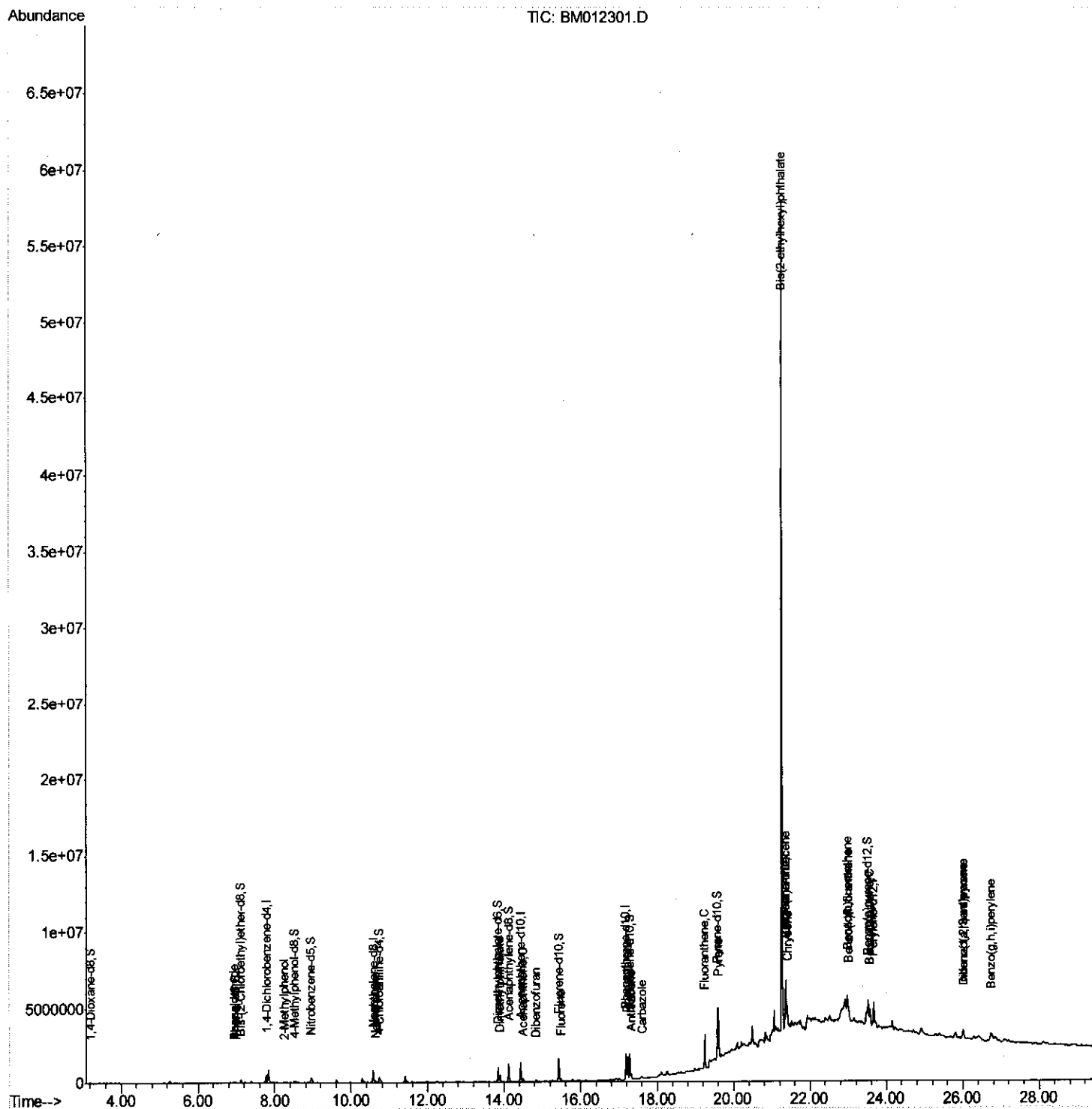
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012301.D
Acq On : 19 Oct 2017 04:25
Operator : SJ/JU
Sample : I5693-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-33(0.5-1.5)-100417

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:54 PM

Quant Time: Oct 19 15:16:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

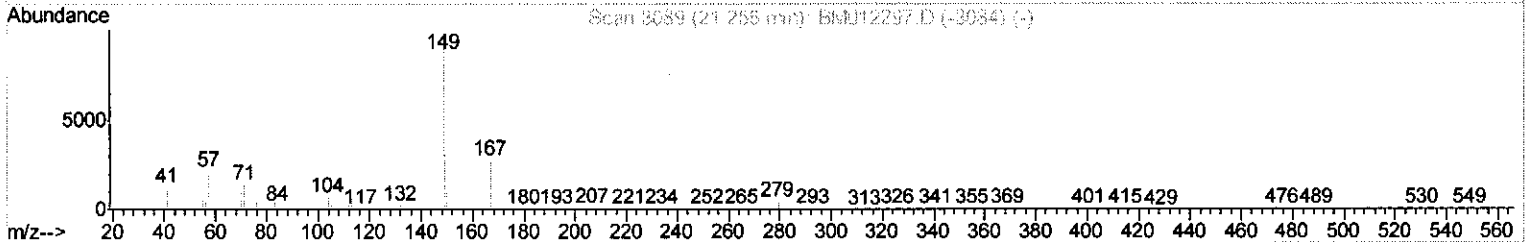
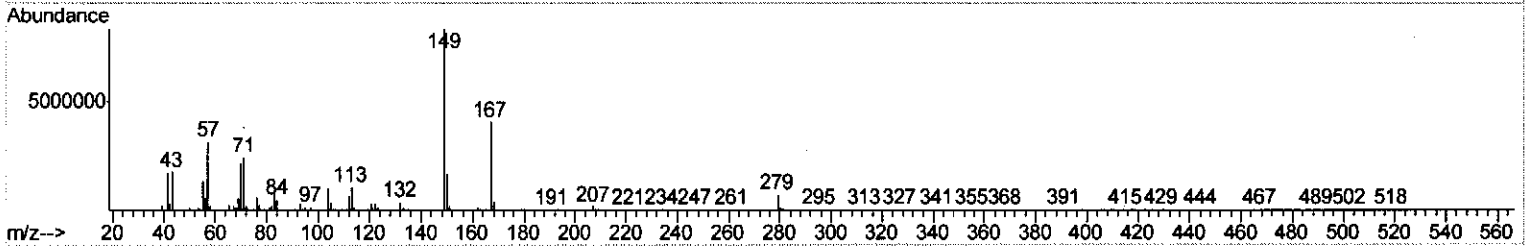
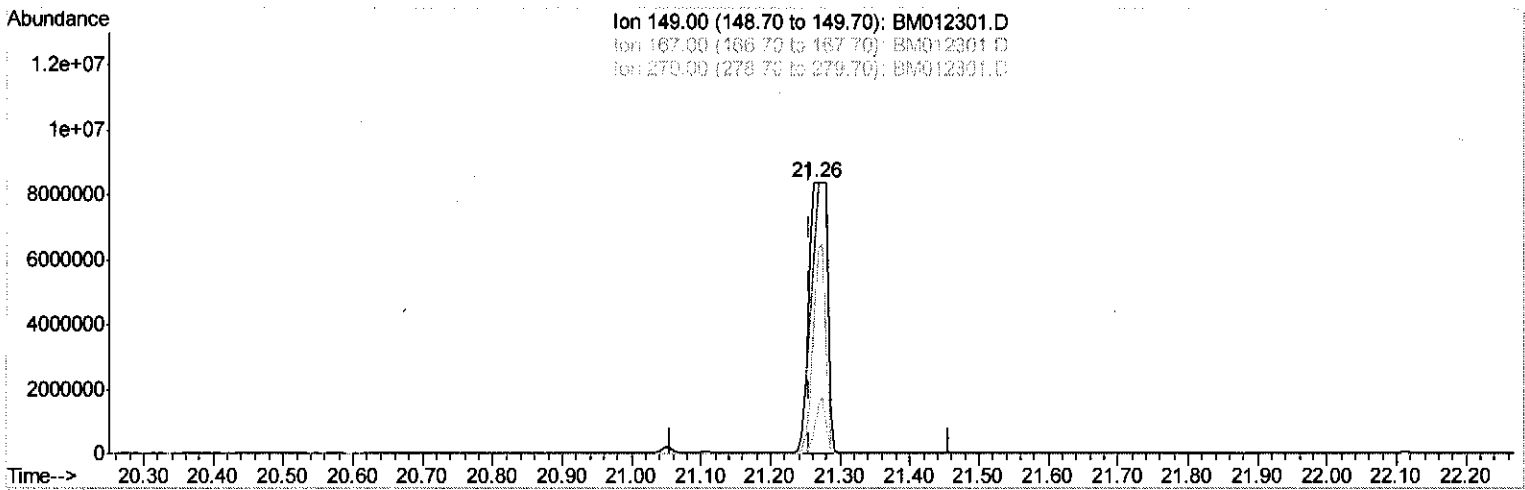
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TIC: BM012301.D

(81) Bis(2-ethylhexyl)phthalate

21.262min (+0.006) 64.40ng/ul

response 3285331

Ion	Exp%	Act%
149.00	100	100
167.00	28.10	48.38#
279.00	5.50	8.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

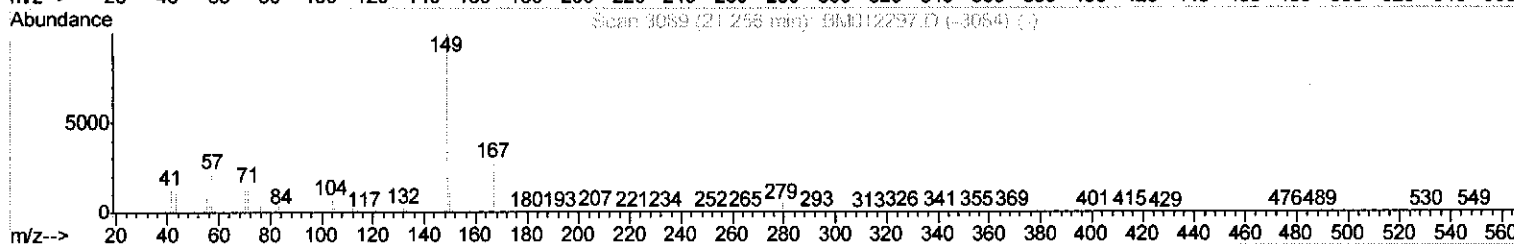
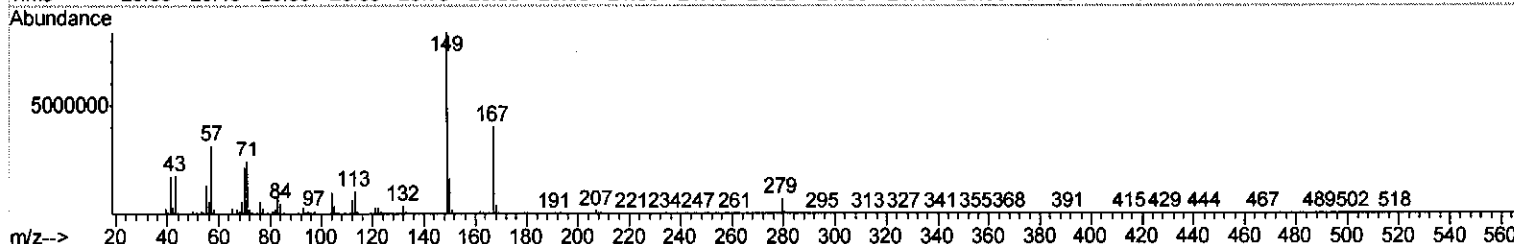
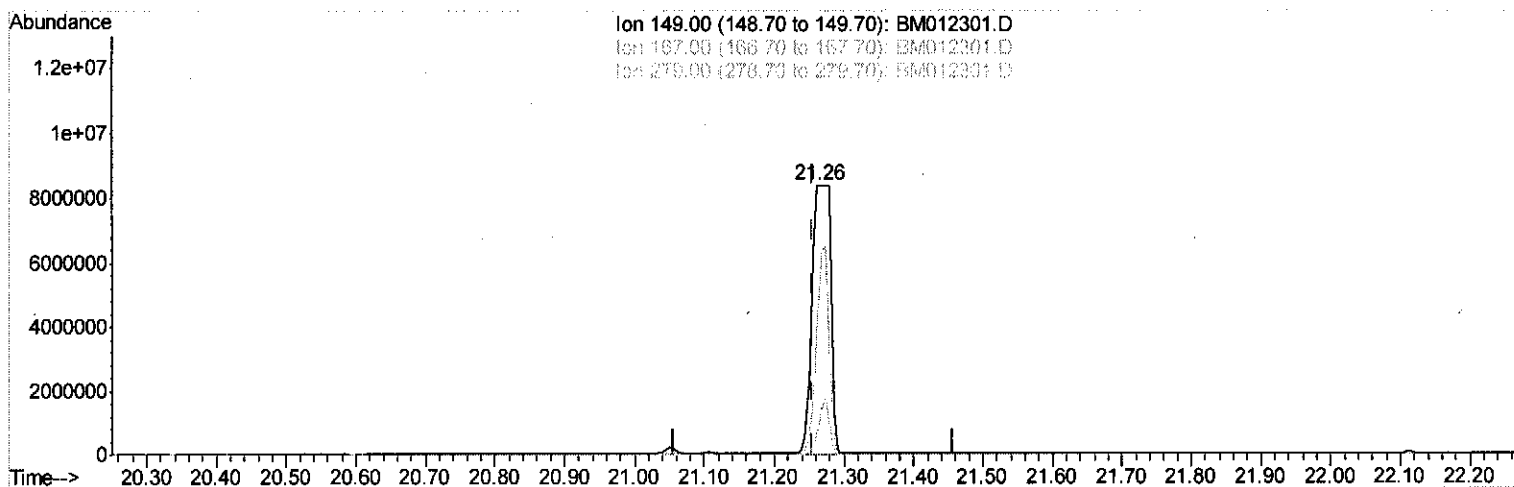
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TIC: BM012301.D

(81) Bis(2-ethylhexyl)phthalate

21.262min (+0.006) 308.05ng/ul m

SJ 10/24/17

response 15714255

Ion	Exp%	Act%
149.00	100	100
167.00	28.10	48.38#
279.00	5.50	8.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

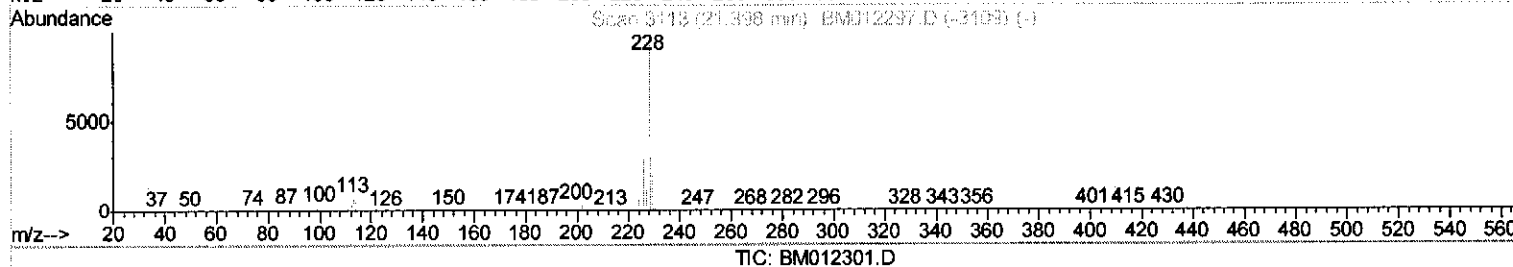
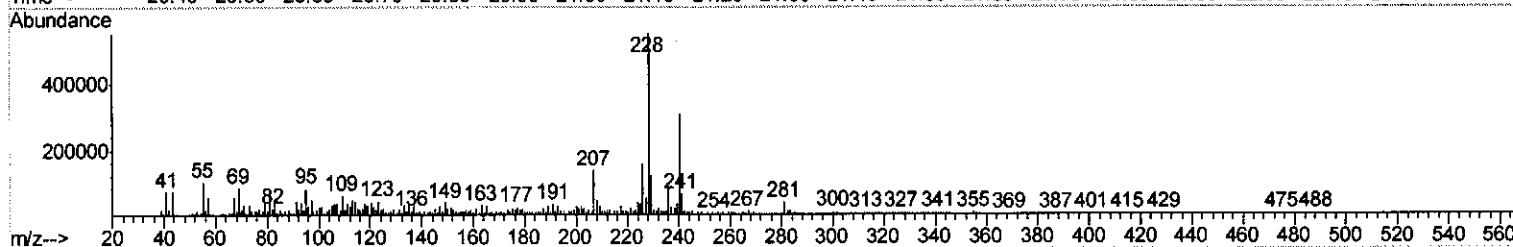
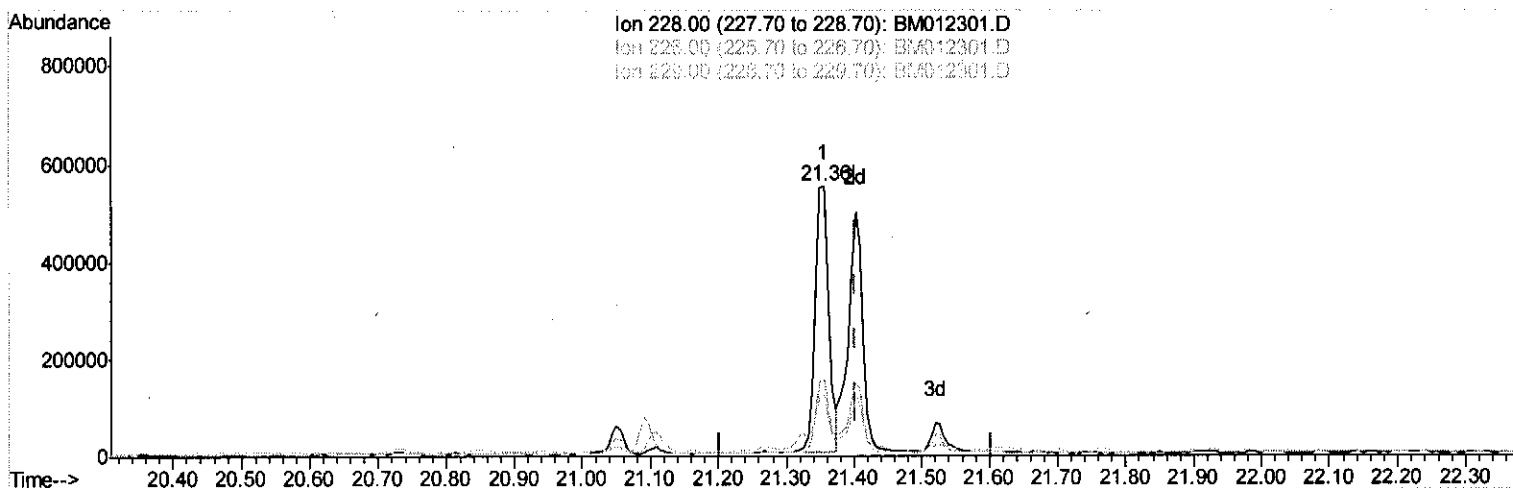
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(82) Chrysene

21.356min (-0.047) 10.82ng/ul

response 764369

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	28.34
229.00	19.40	22.28
0.00	0.00	0.00

Quantitation Report (Qedit)

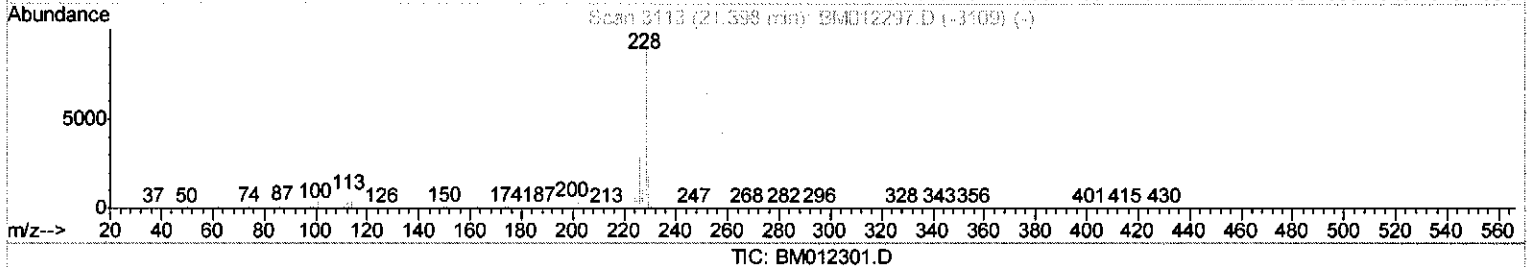
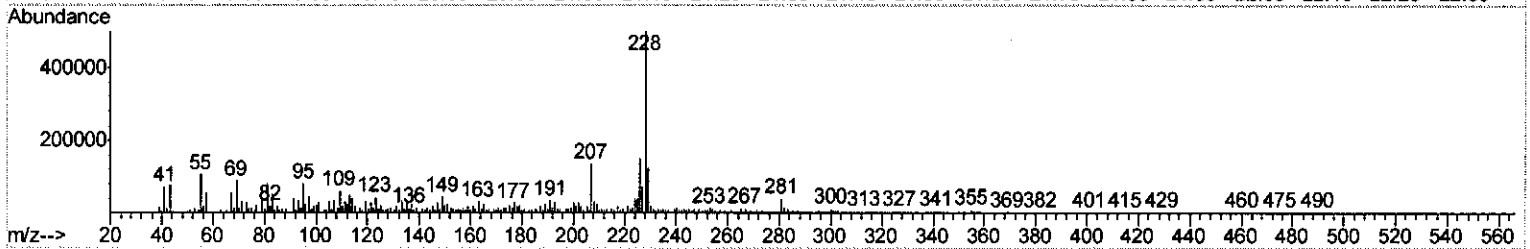
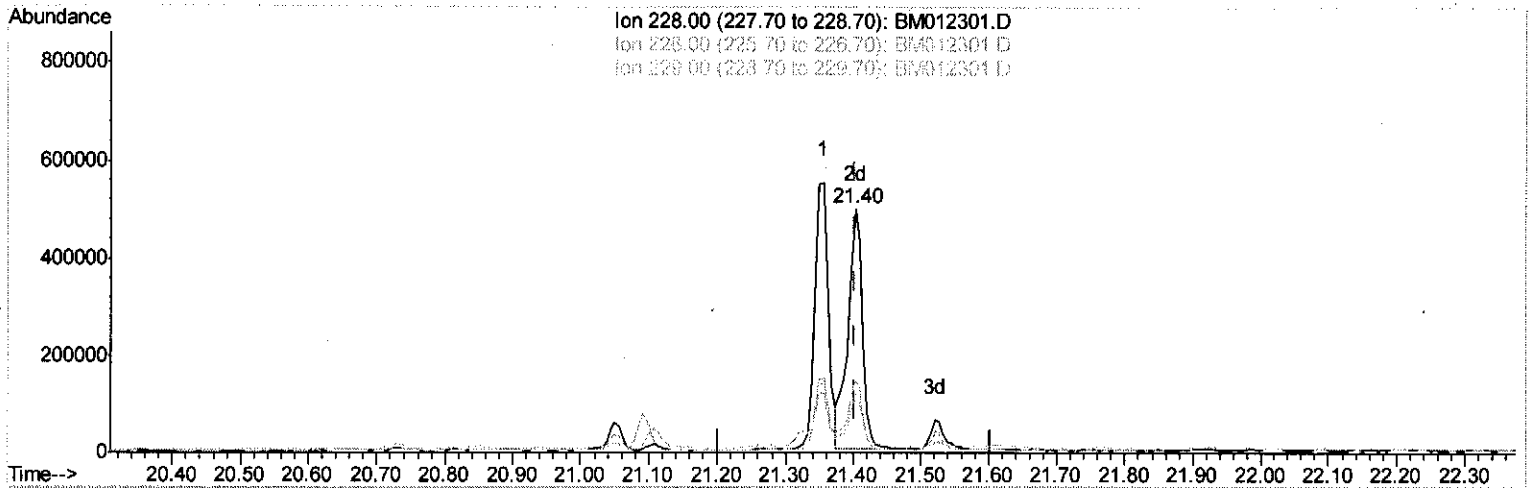
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Manual Integrations
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(82) Chrysene

21.403min (-0.000) 10.40ng/ul m

SJ 10/24/17

response 734464

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.19
229.00	19.40	24.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

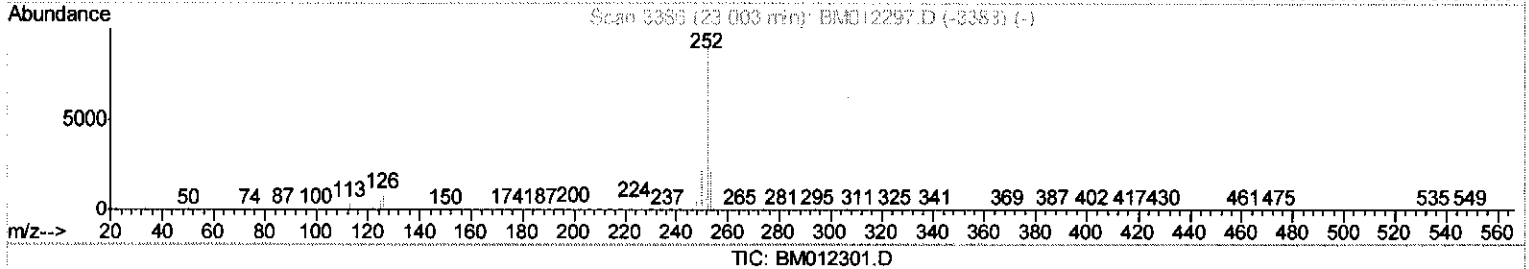
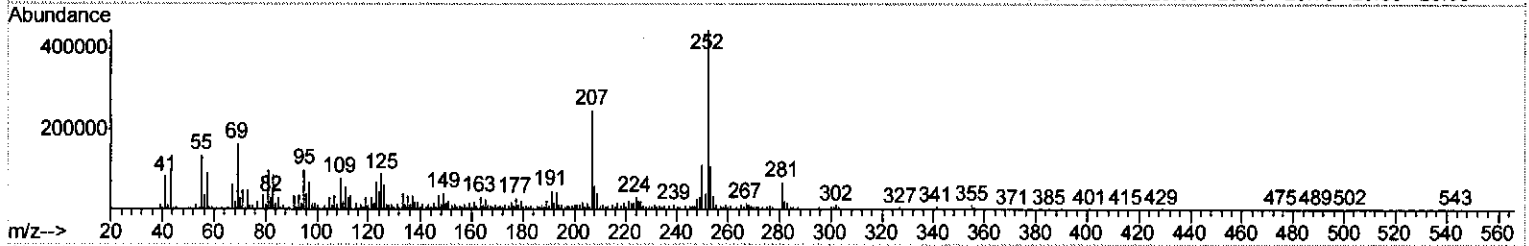
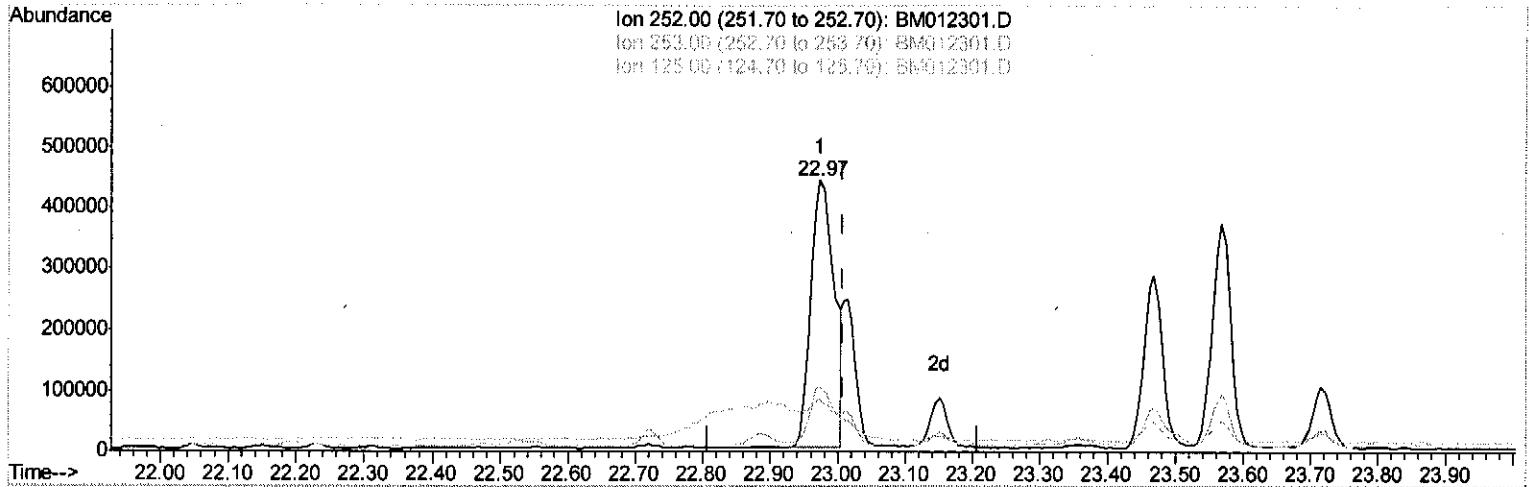
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Manual Integrations
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(86) Benzo(k)fluoranthene

22.974min (-0.035) 14.03ng/ui

response 1045582

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.04
125.00	6.10	19.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

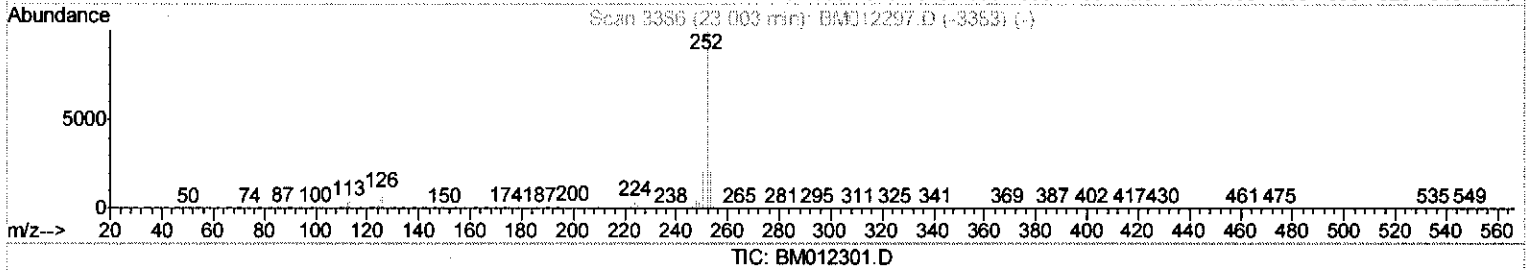
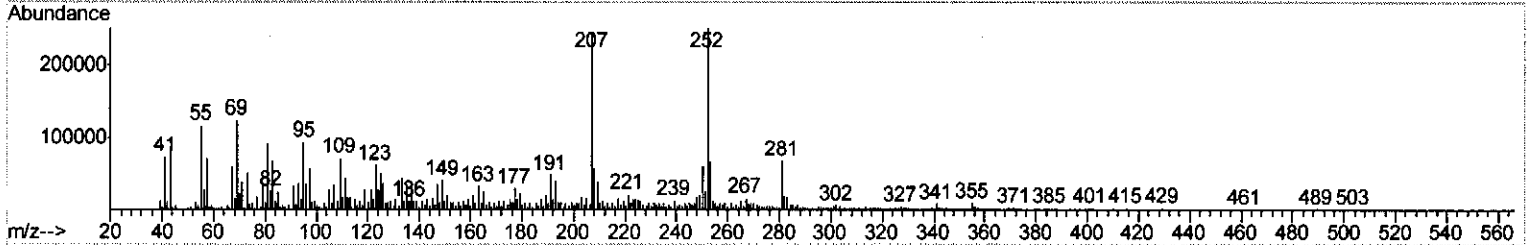
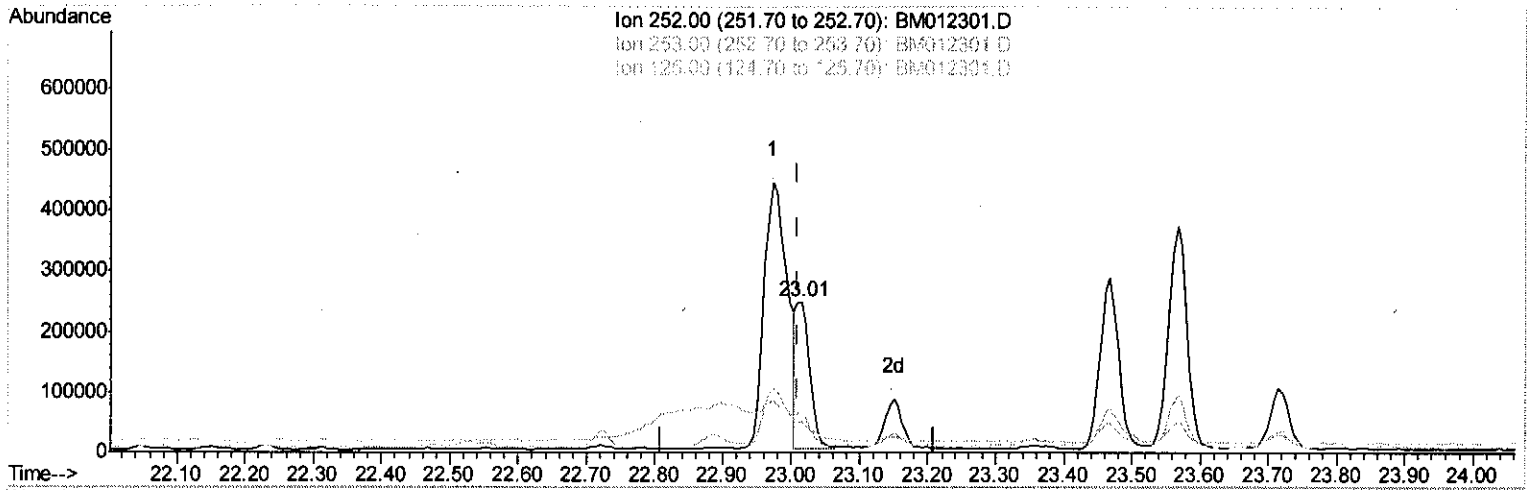
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Manual Integrations
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Sohil
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(86) Benzo(k)fluoranthene

23.015min (+0.006) 4.50ng/ul m

SJ 10/24/17

response 335289

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	26.58
125.00	6.10	20.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

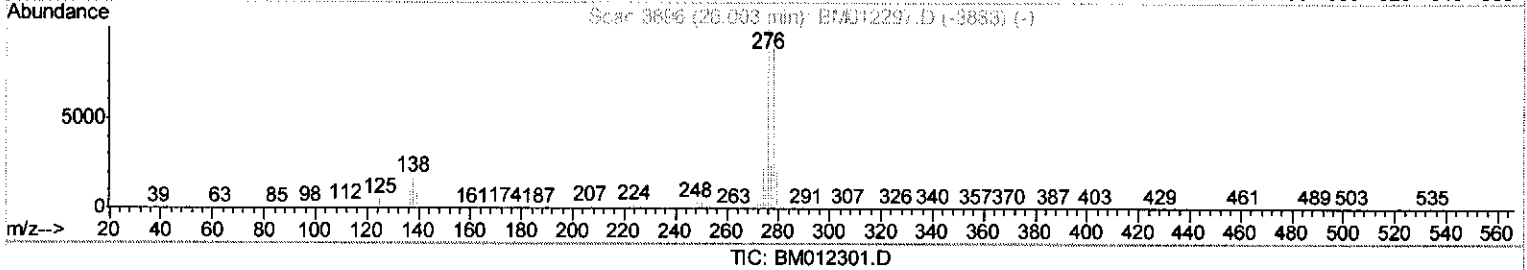
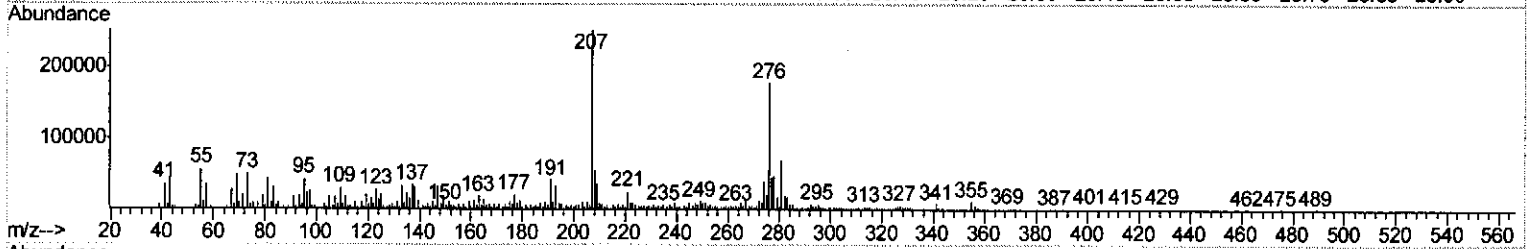
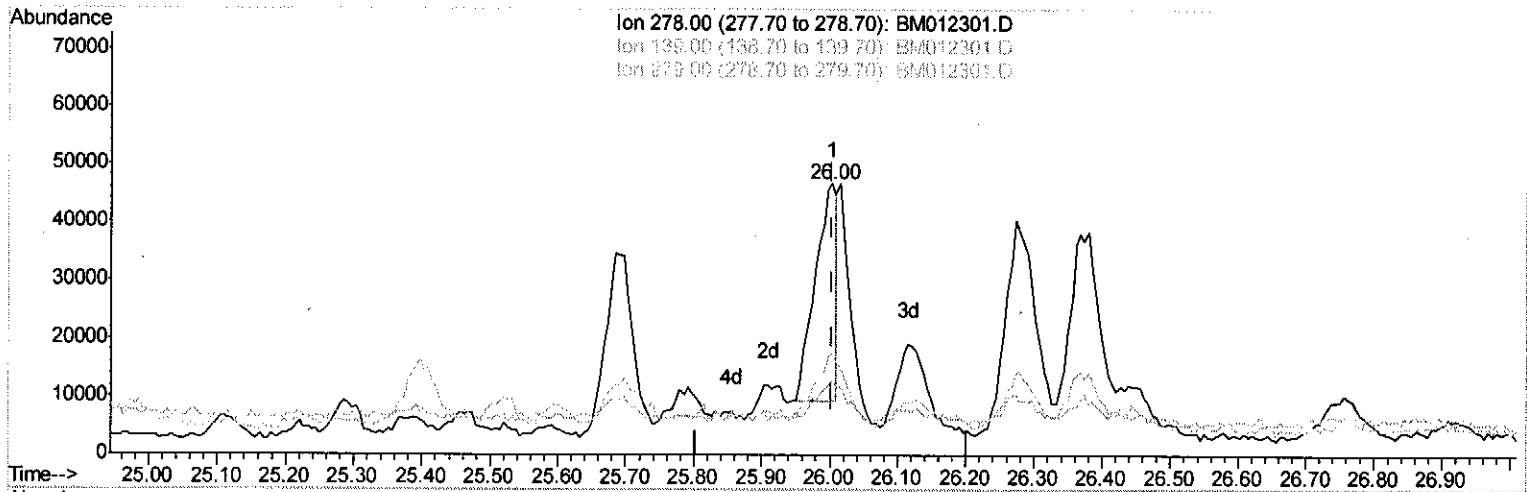
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(90) Dibenzo(a,h)anthracene

26.003min (-0.000) 1.26ng/ul

response 82220

Ion	Exp%	Act%
278.00	100	100
139.00	10.40	27.74#
279.00	24.10	37.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

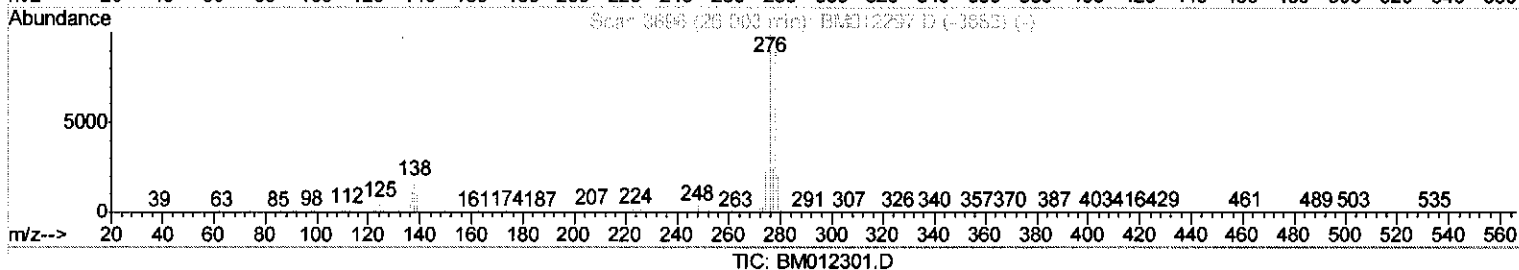
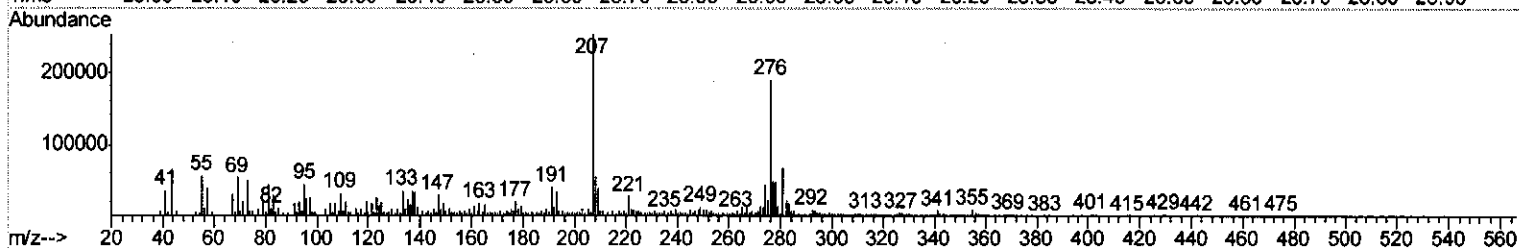
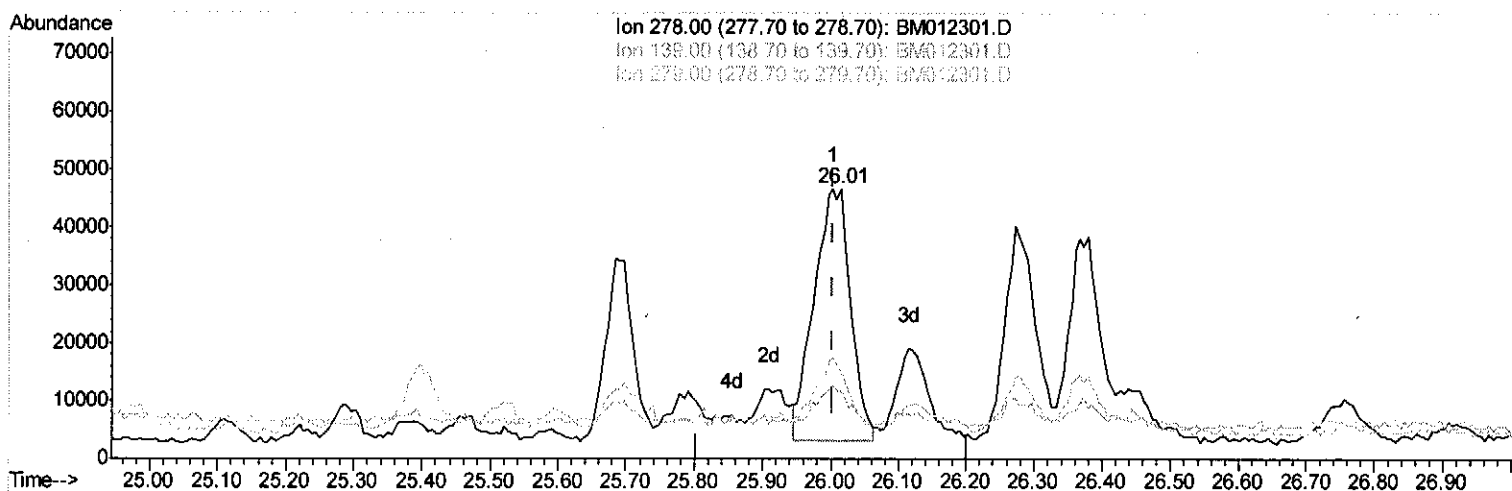
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Manual Integrations
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(90) Dibenzo(a,h)anthracene

26.015min (+0.012) 2.49ng/ul m

JU 10/24/17

response 162262

Ion	Exp%	Act%
278.00	100	100
139.00	10.40	25.21#
279.00	24.10	31.94#
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	7.77	152	164700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	691569	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	446697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1077327	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1156409	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1184843	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8876	2.56	ng/uL	0.00
5) Phenol-d5	6.97	99	33132	2.48	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	117956	14.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	7780	0.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.50	113	54776	4.76	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	89804	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	1458	0.24	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.23	165	1088	0.09	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	204400	18.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	661607	16.76	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	901196	18.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	135	0.02	ng/ul	0.07
57) Fluorene-d10	15.43	176	652577	20.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.28	188	1014487	19.04	ng/ul	0.00
76) Pyrene-d10	19.58	212	1374389	23.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1117560	19.57	ng/ul	0.01

Target Compounds

					Qvalue
4) Benzaldehyde	6.93	77	10713	1.200 ng/ul#	85
6) Phenol	6.99	94	20128	1.457 ng/ul	93
11) 2-Methylphenol	8.24	108	15155	1.459 ng/ul	93
28) Naphthalene	10.63	128	64876	1.813 ng/ul	98
44) Dimethylphthalate	13.89	163	287044	7.257 ng/ul	99
49) Acenaphthene	14.50	153	77921	2.465 ng/ul	98
53) Dibenzofuran	14.84	168	56916	1.250 ng/ul	97
58) Fluorene	15.49	166	76385	2.021 ng/ul	97
69) Phenanthrene	17.23	178	964802	15.743 ng/ul	99
71) Anthracene	17.32	178	234733	3.700 ng/ul	99
72) Carbazole	17.60	167	102532	1.909 ng/ul	99
74) Fluoranthene	19.24	202	1435494	19.409 ng/ul	99
77) Pyrene	19.61	202	1535139	20.101 ng/ul#	95
80) Benzo(a)anthracene	21.36	228	764016	10.153 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.26	149	15714255m	308.047 ng/ul	3 Ju 10/24/17
82) Chrysene	21.40	228	734464m	10.396 ng/ul	3 Ju 10/24/17
85) Benzo(b)fluoranthene	22.97	252	1045582	13.523 ng/ul#	88
86) Benzo(k)fluoranthene	23.01	252	335289m	4.500 ng/ul	→ Ju 10/24/17
88) Benzo(a)pyrene	23.57	252	704863	9.672 ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	26.01	276	535172	6.915 ng/ul	98
90) Dibenzo(a,h)anthracene	26.01	278	162262m	2.494 ng/ul	→ Ju 10/24/17
91) Benzo(g,h,i)perylene	26.74	276	479331	7.562 ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed