

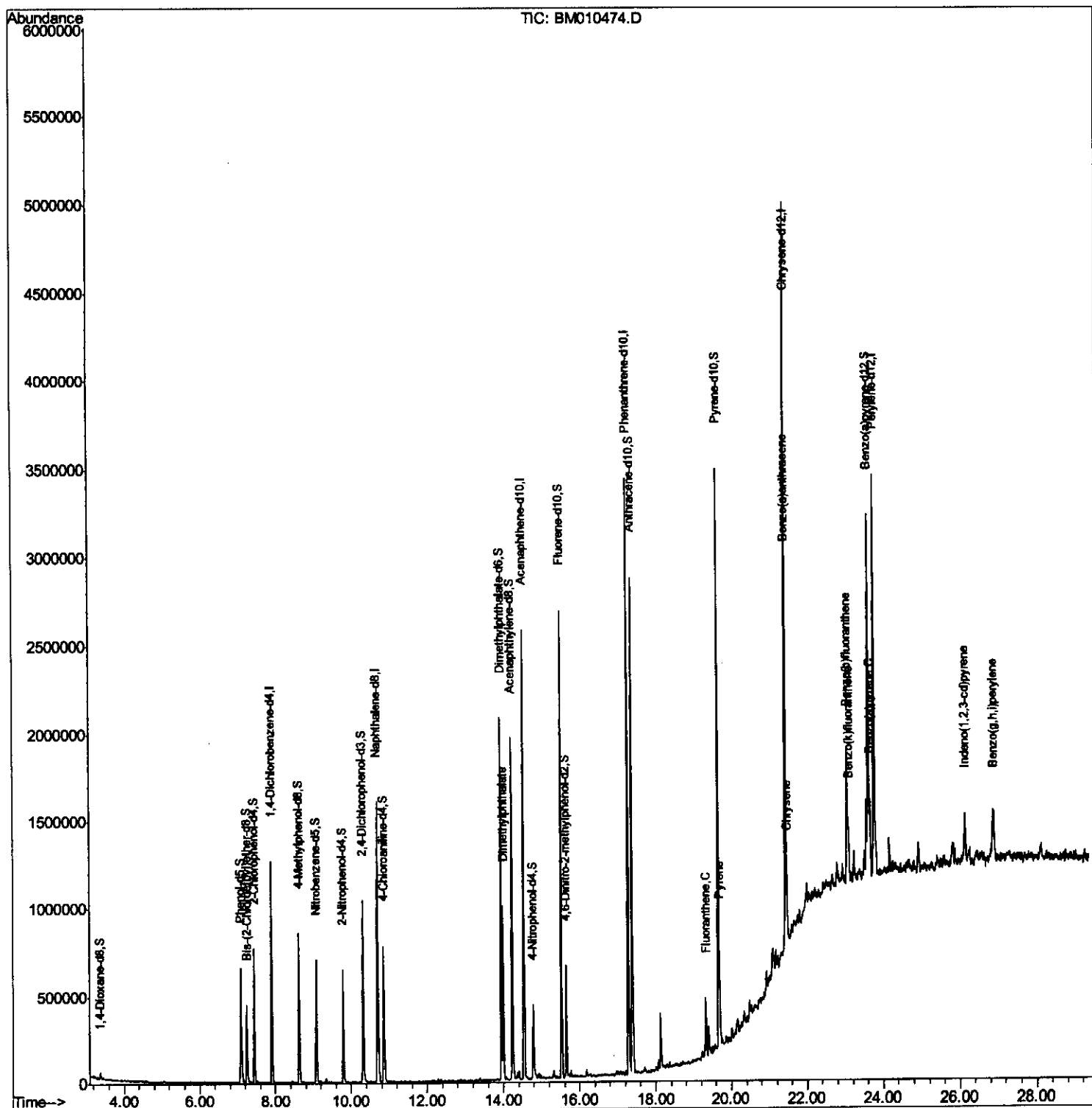
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010474.D
Acq On : 10 Jun 2017 03:27
Operator : SJ/MA
Sample : I3520-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B71

Manual Integrations
APPROVED

mohammad
6/12/2017 11:18:37 AM

Quant Time: Jun 10 04:23:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration



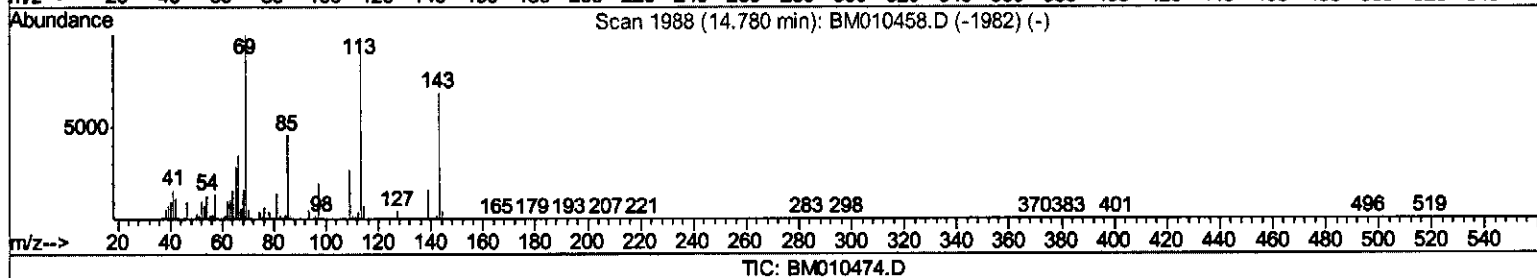
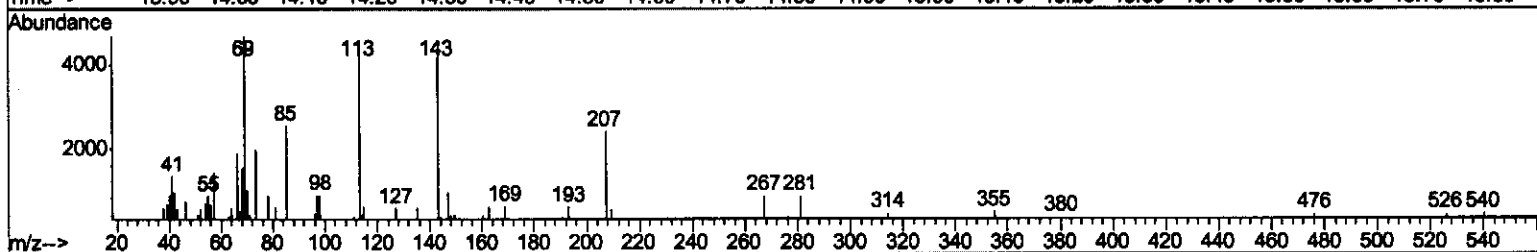
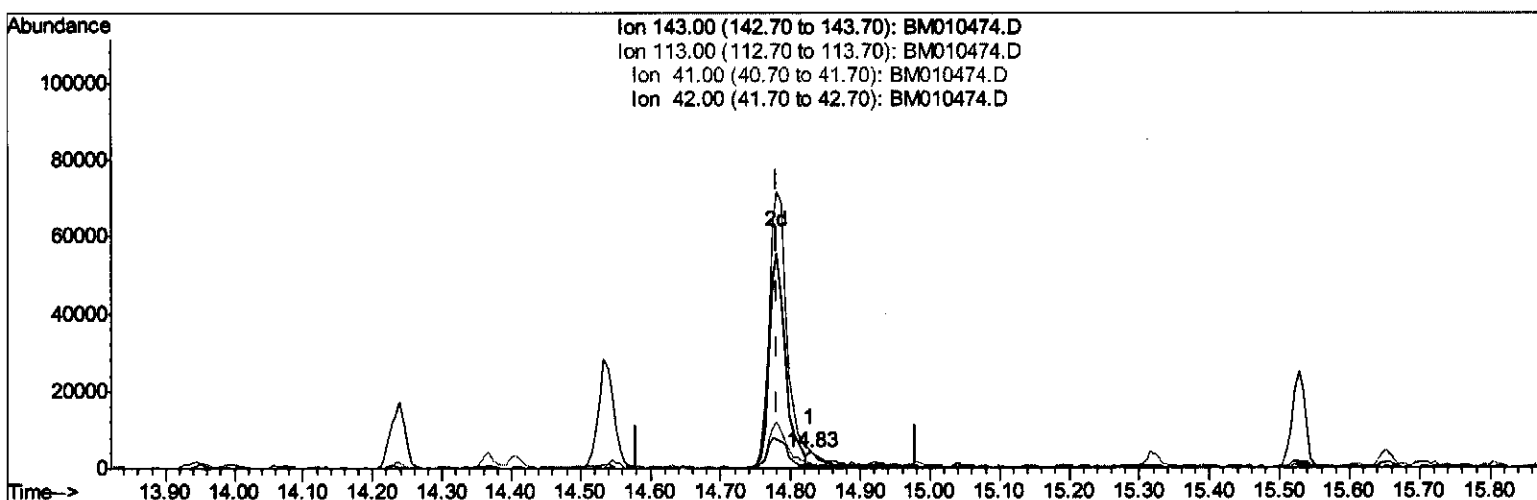
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(51) 4-Nitrophenol-d4 (S)

14.828min (+0.047) 0.47ng/ul

response 4247

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	108.76
41.00	34.80	31.94
42.00	20.50	22.28

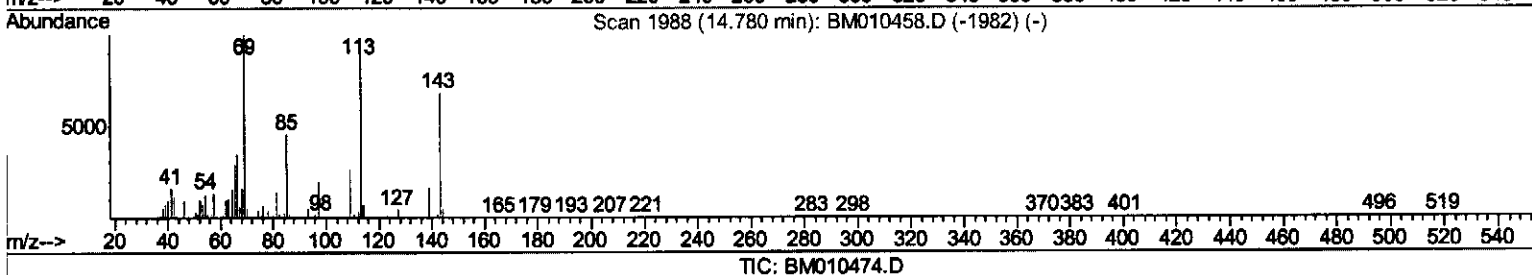
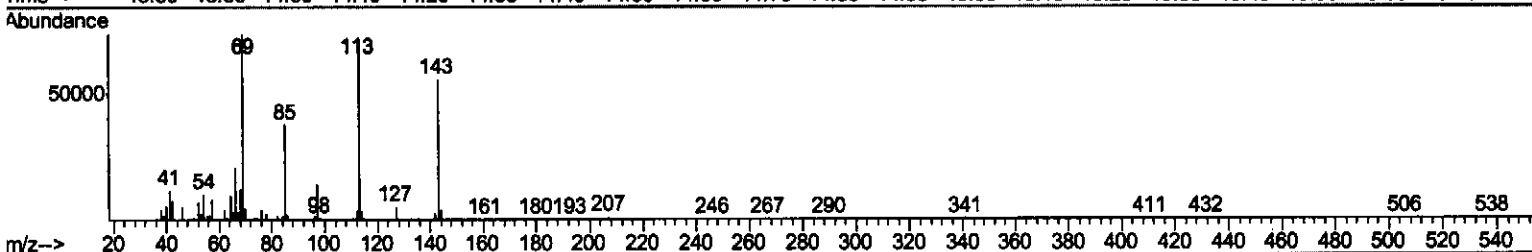
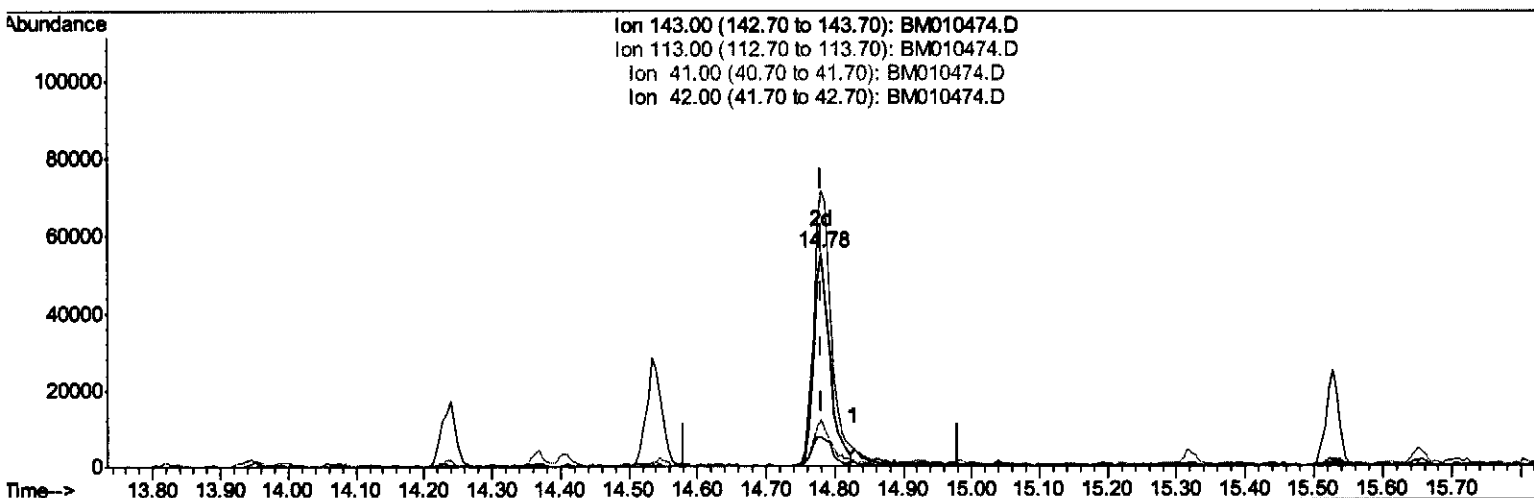
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(51) 4-Nitrophenol-d4 (S)

14.781min (+0.000) 9.96ng/ul m

response 90465

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	129.26
41.00	34.80	21.67#
42.00	20.50	13.68#

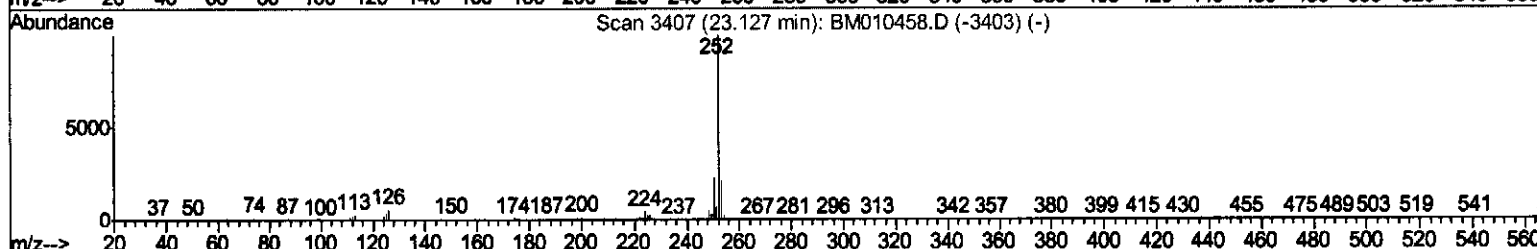
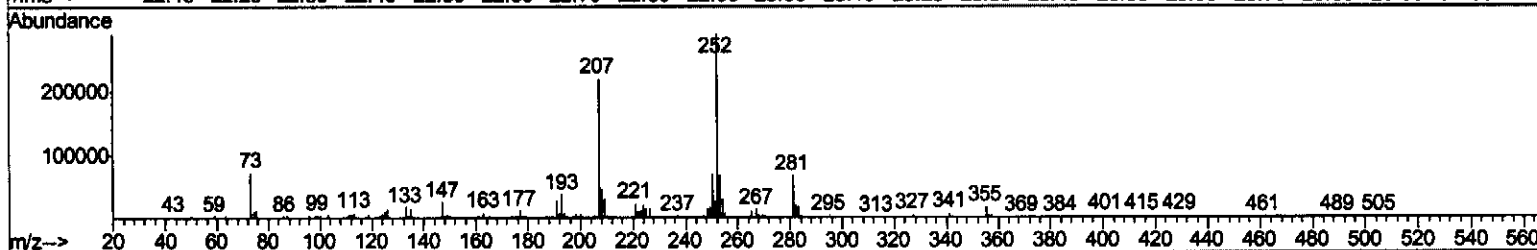
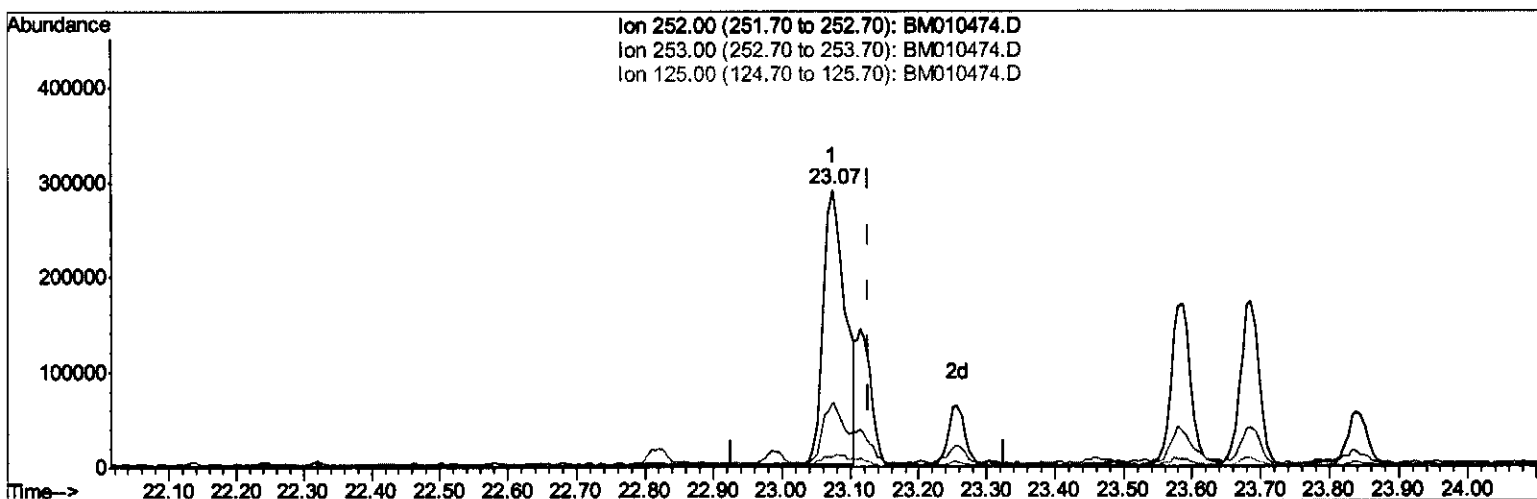
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Manual Integrations
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TIC: BM010474.D

(86) Benzo(k)fluoranthene

23.074min (-0.053) 6.55ng/ul

response 640071

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.15
125.00	4.30	3.70
0.00	0.00	0.00

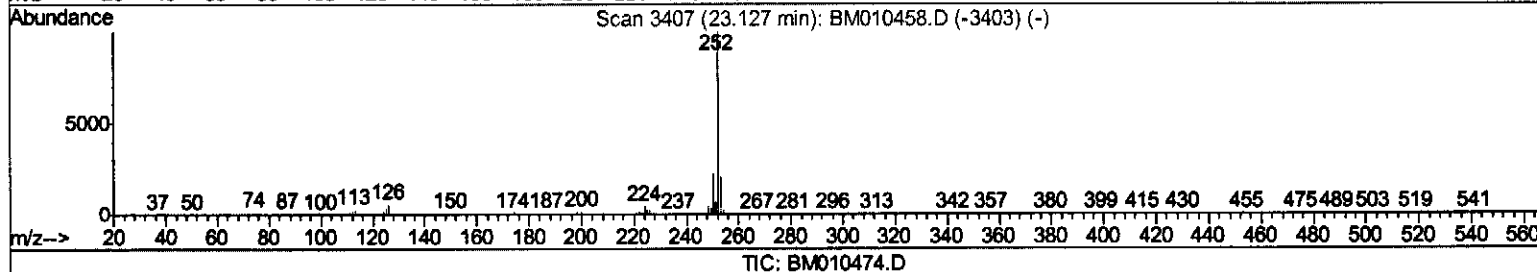
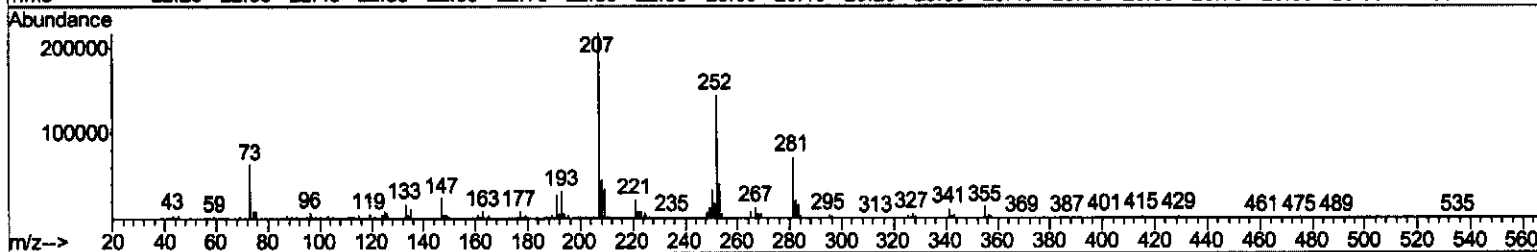
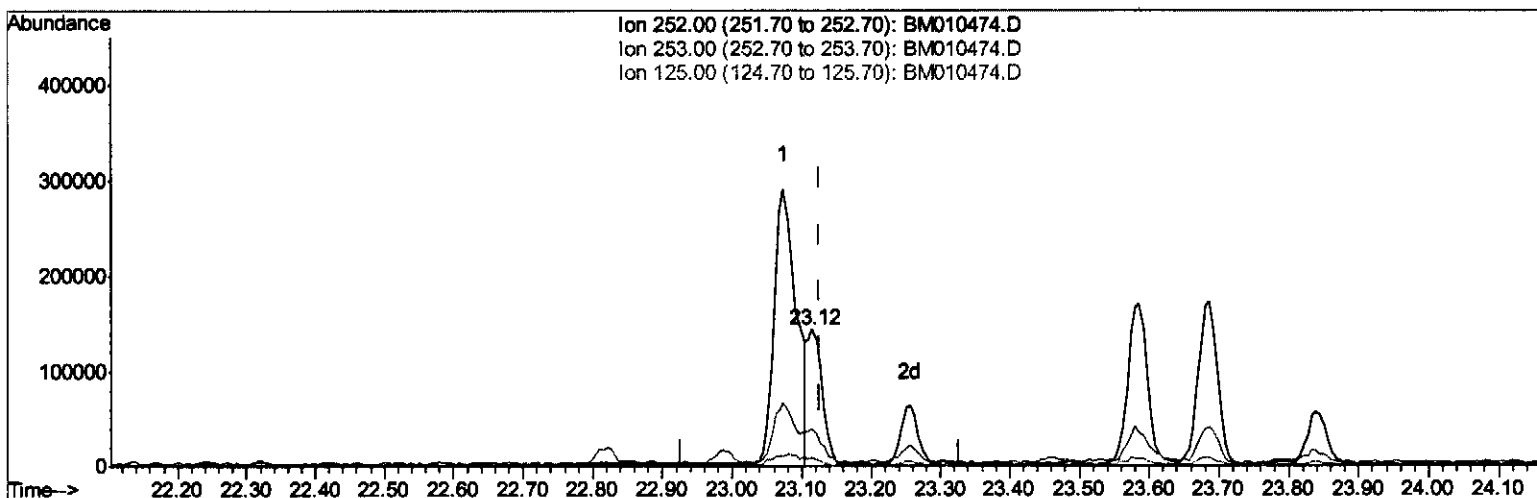
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.115min (-0.012) 2.24ng/ul m

response 218648

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	27.70#
125.00	4.30	6.04#
0.00	0.00	0.00

SJ 06/19/17

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 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B71

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	283327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1082161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	730889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1764485	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1856694	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1757234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	17485	2.53	ng/uL	0.00
5) Phenol-d5	7.09	99	304263	14.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	174103	14.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	268184	15.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	266579	15.39	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	131477	16.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	159602	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	319205	16.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	319493	17.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1107293	18.23	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1214735	17.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	90465m	9.96	ng/ul	0.00
57) Fluorene-d10	15.53	176	949795	17.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	154082	12.33	ng/ul	0.00
70) Anthracene-d10	17.39	188	1498164	17.45	ng/ul	0.00
76) Pyrene-d10	19.67	212	1659089	21.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1401216	17.13	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	14.00	163	532827	8.922 ng/ul	98
74) Fluoranthene	19.33	202	199757	1.724 ng/ul#	97
77) Pyrene	19.70	202	288989	3.020 ng/ul#	92
80) Benzo(a)anthracene	21.43	228	226429	2.163 ng/ul	99
82) Chrysene	21.49	228	269281	2.845 ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	640071	6.260 ng/ul	98
86) Benzo(k)fluoranthene	23.12	252	218648m	2.238 ng/ul	98
88) Benzo(a)pyrene	23.69	252	323812	3.195 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.17	276	299972	2.343 ng/ul#	98
91) Benzo(g,h,i)perylene	26.91	276	248988	2.360 ng/ul	99

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