

Quantitation Report (QT Reviewed)

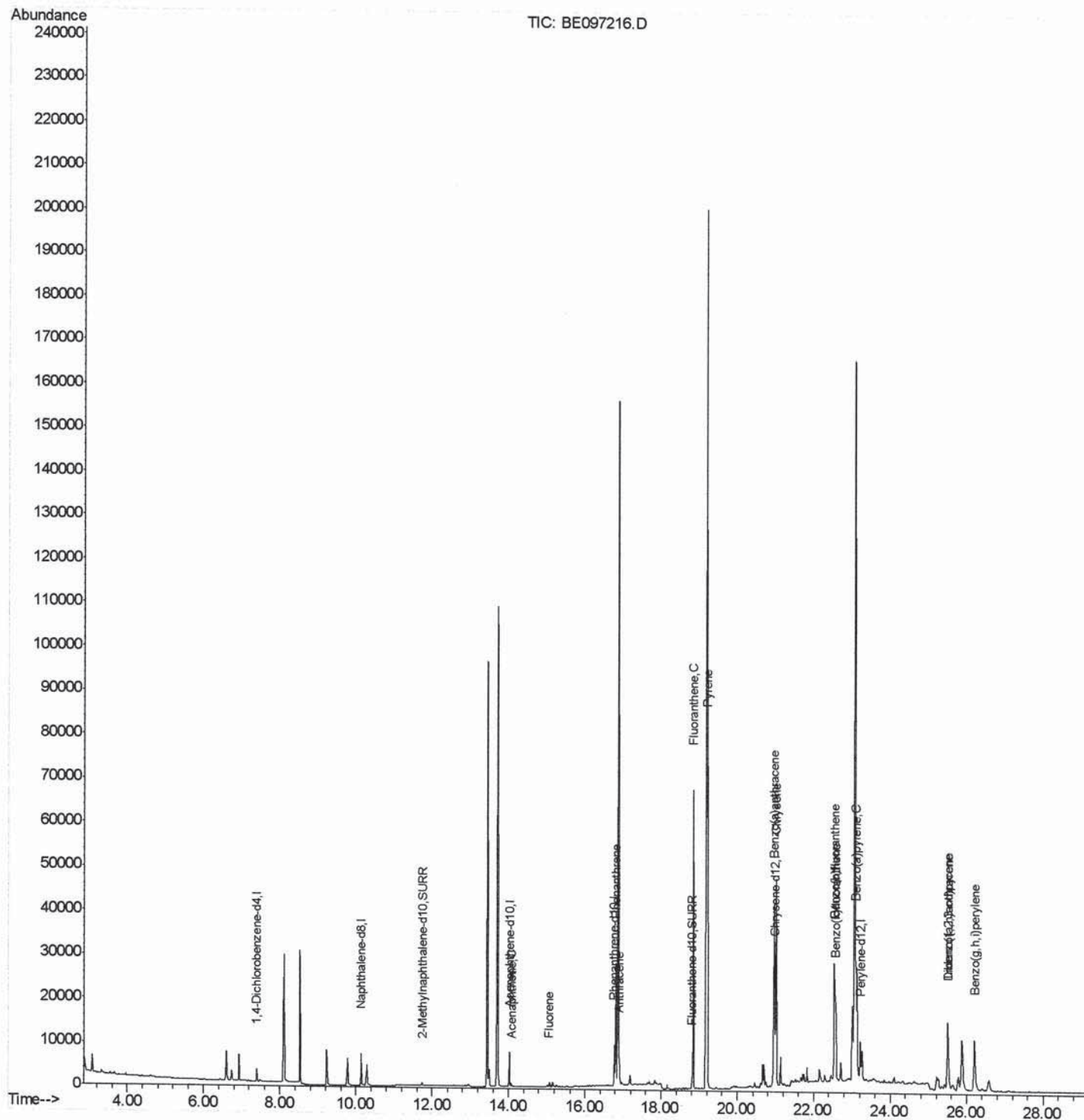
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097216.D
 Acq On : 5 Aug 2018 00:53
 Operator : SJ/JU
 Sample : J4171-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L3DL

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:51:03 PM

Quant Time: Aug 06 04:43:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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 QLast Update : Mon Aug 06 03:46:27 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

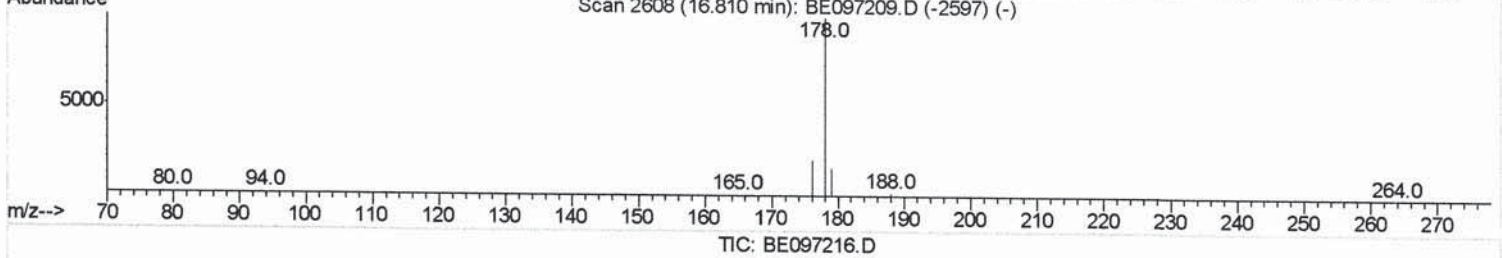
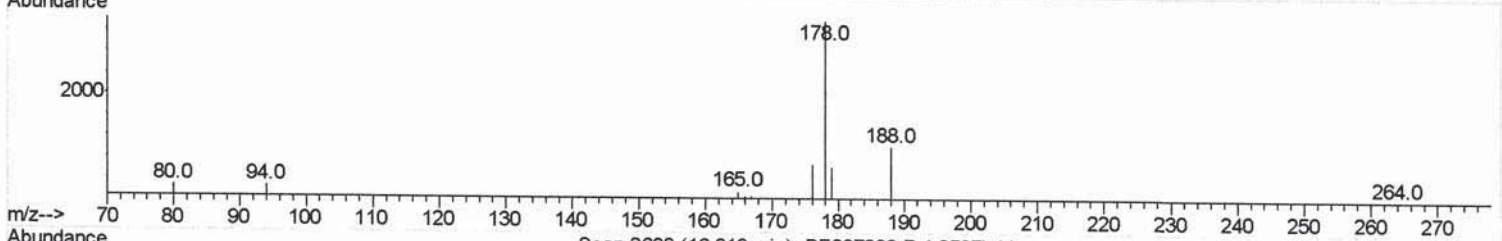
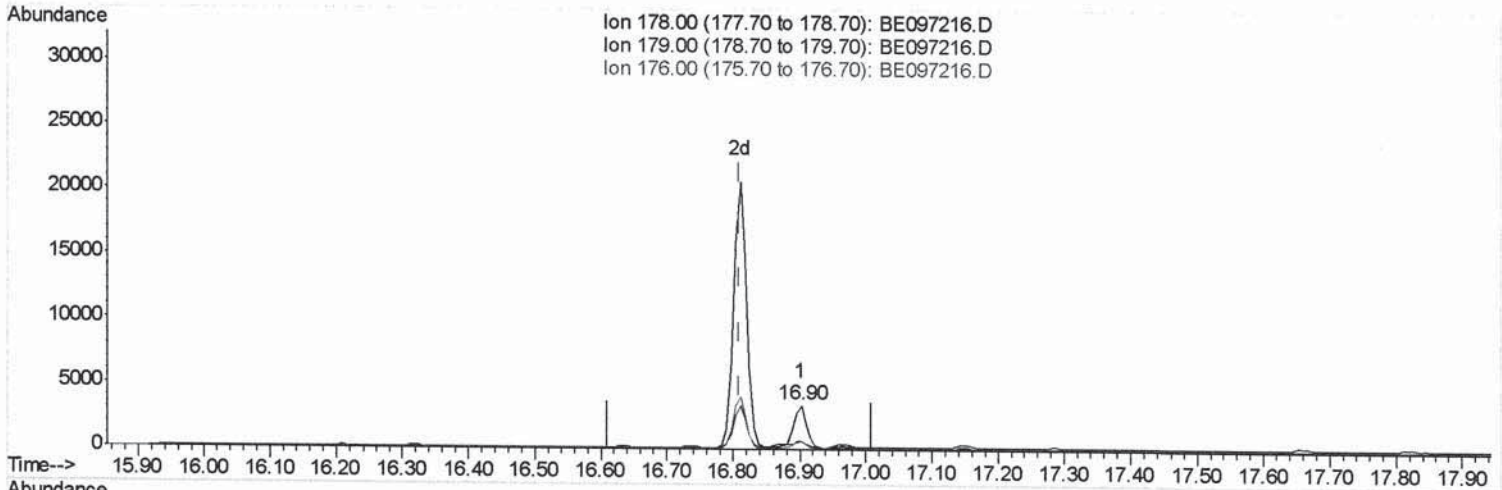
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(12) Phenanthrene

16.902min (+0.092) 0.17ng/ul

response 4715

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.80
176.00	17.00	20.14
0.00	0.00	0.00

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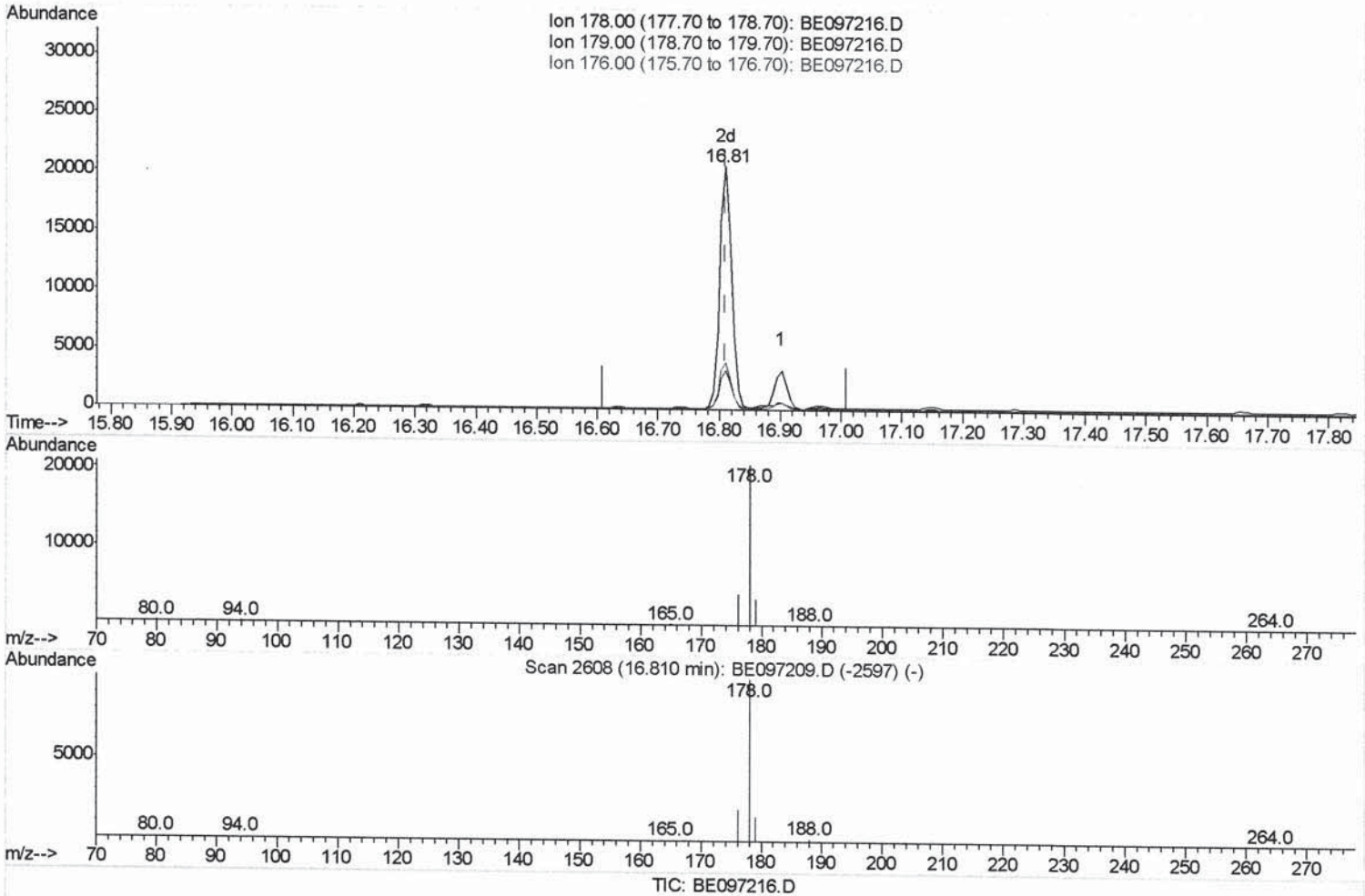
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(12) Phenanthrene

16.810min (+0.000) 1.04ng/ul m

SJ 8/7/18

response 28696

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.38#
176.00	17.00	19.60
0.00	0.00	0.00

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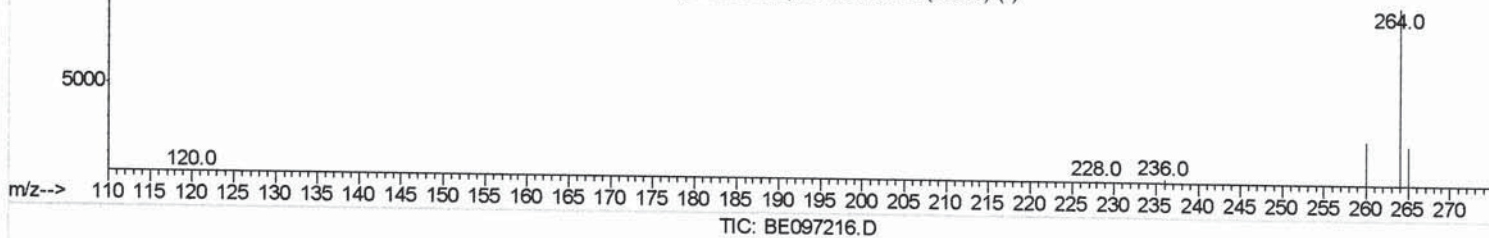
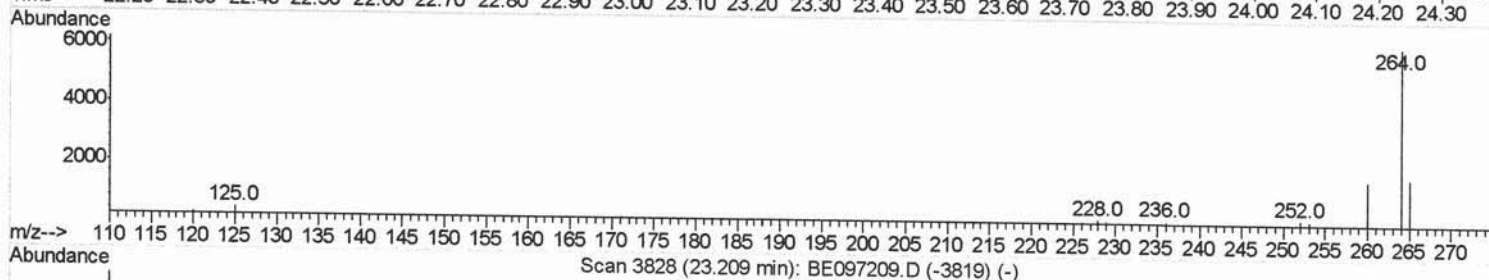
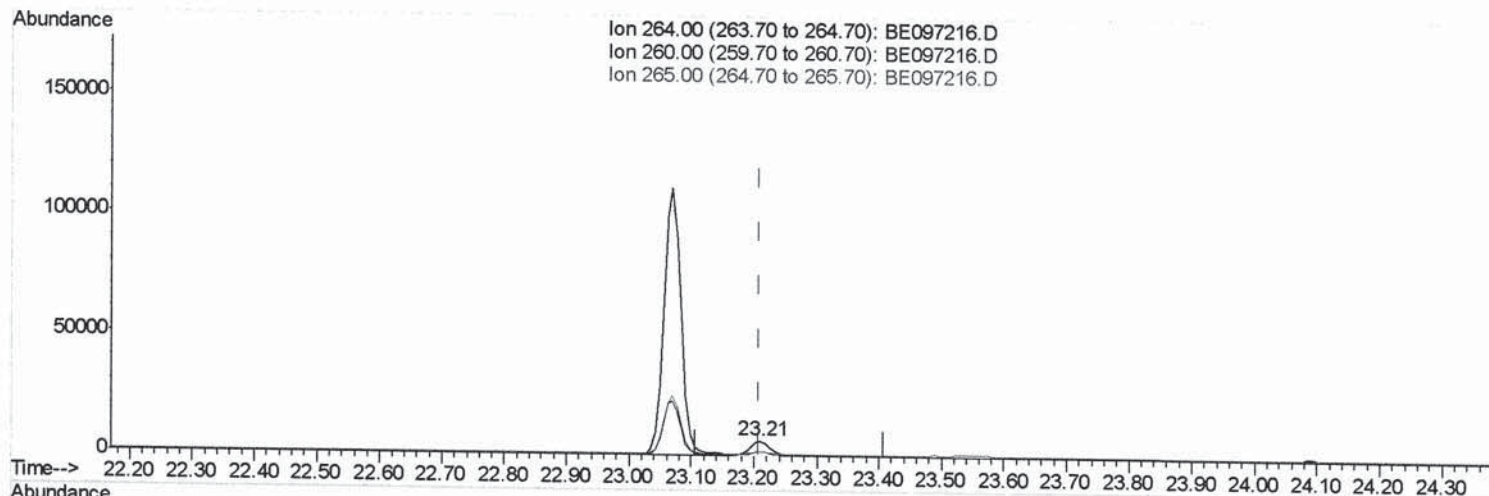
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(20) Perylene-d12 (I)

23.210min (+0.001) 0.40ng/ul

response 12869

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.99
265.00	103.50	28.17#
0.00	0.00	0.00

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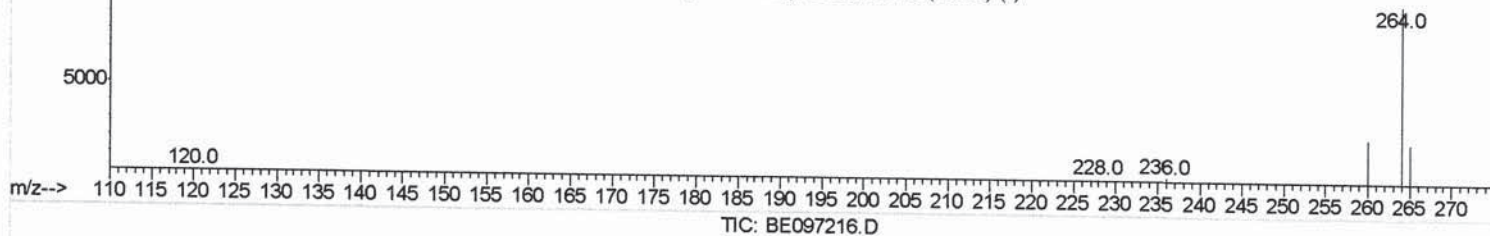
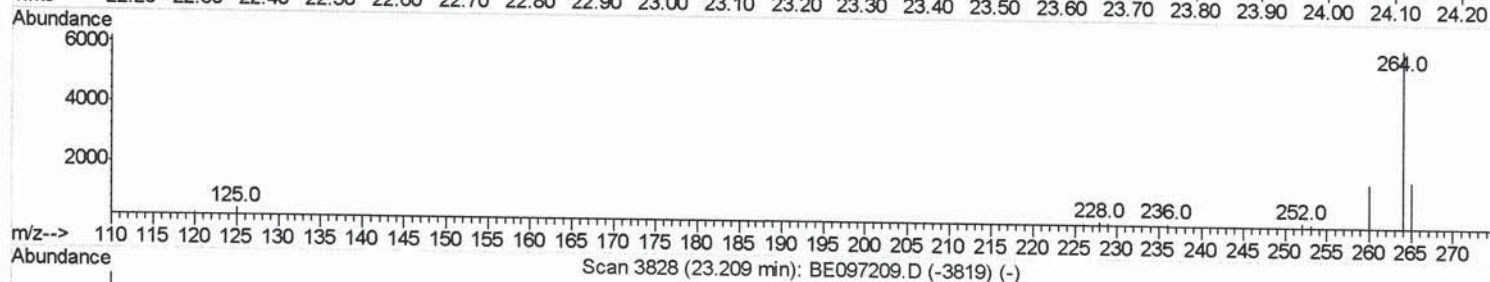
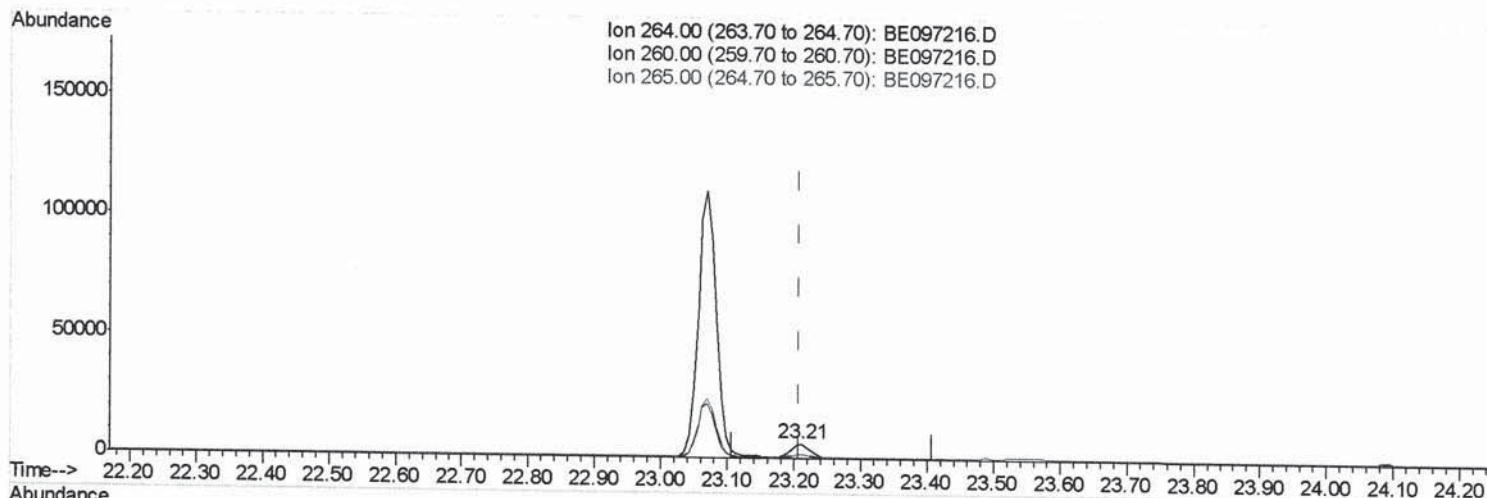
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(20) Perylene-d12 (I)

23.210min (+0.001) 0.40ng/ul m

SJ 8/7/18

response 10892

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.99
265.00	103.50	28.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

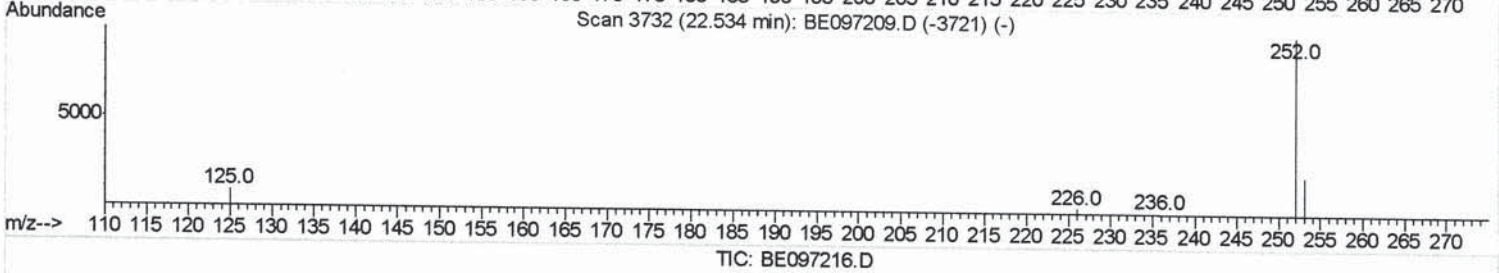
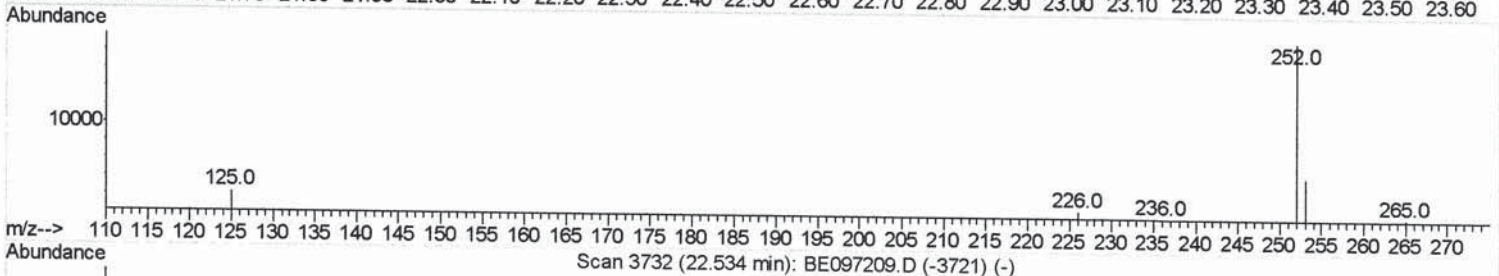
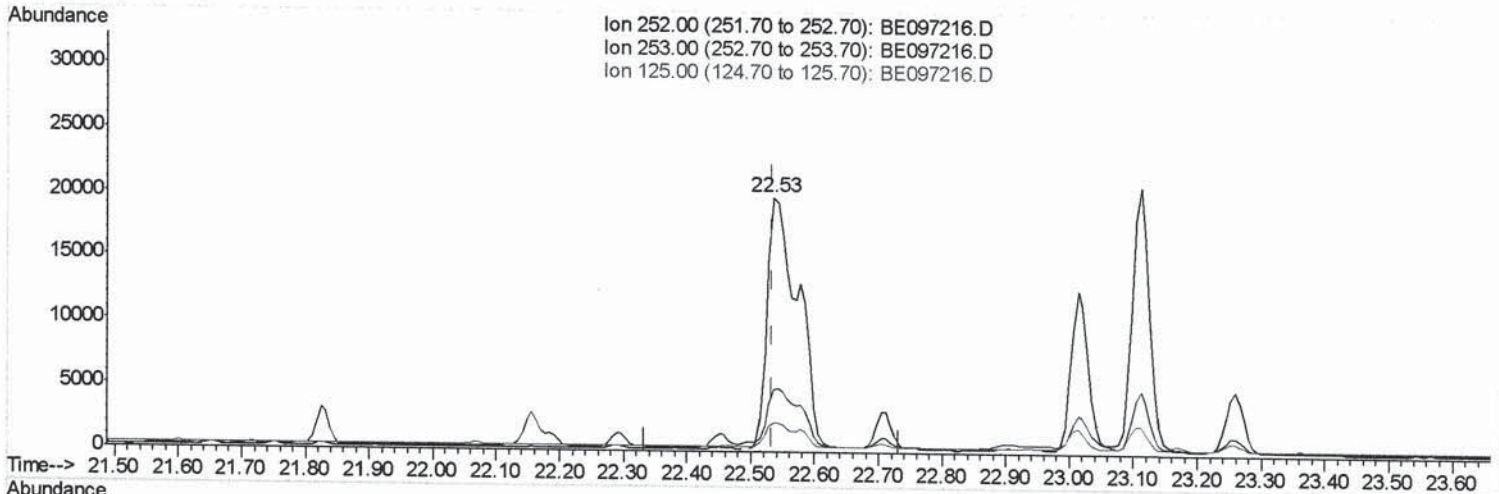
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(21) Benzo(b)fluoranthene

22.535min (+0.001) 2.21ng/ul

response 65613

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.39
125.00	17.50	11.59
0.00	0.00	0.00

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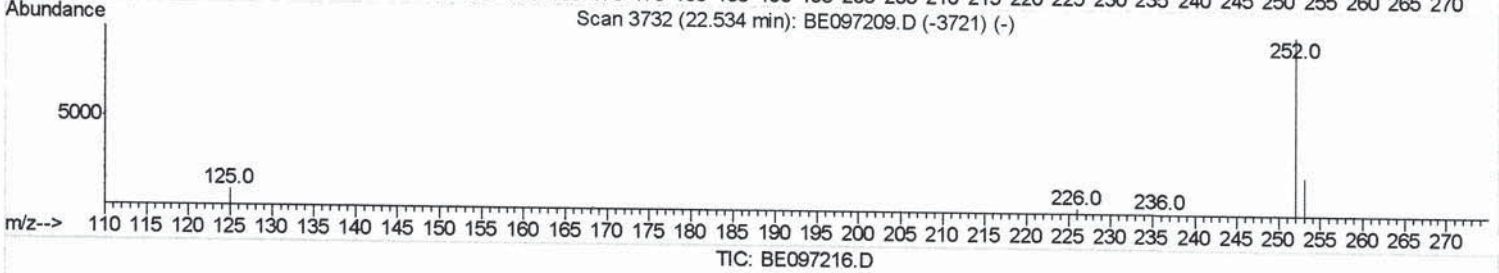
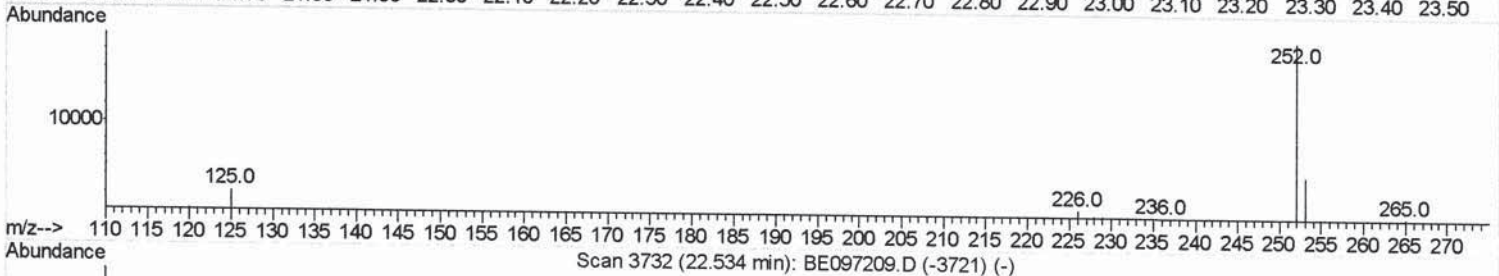
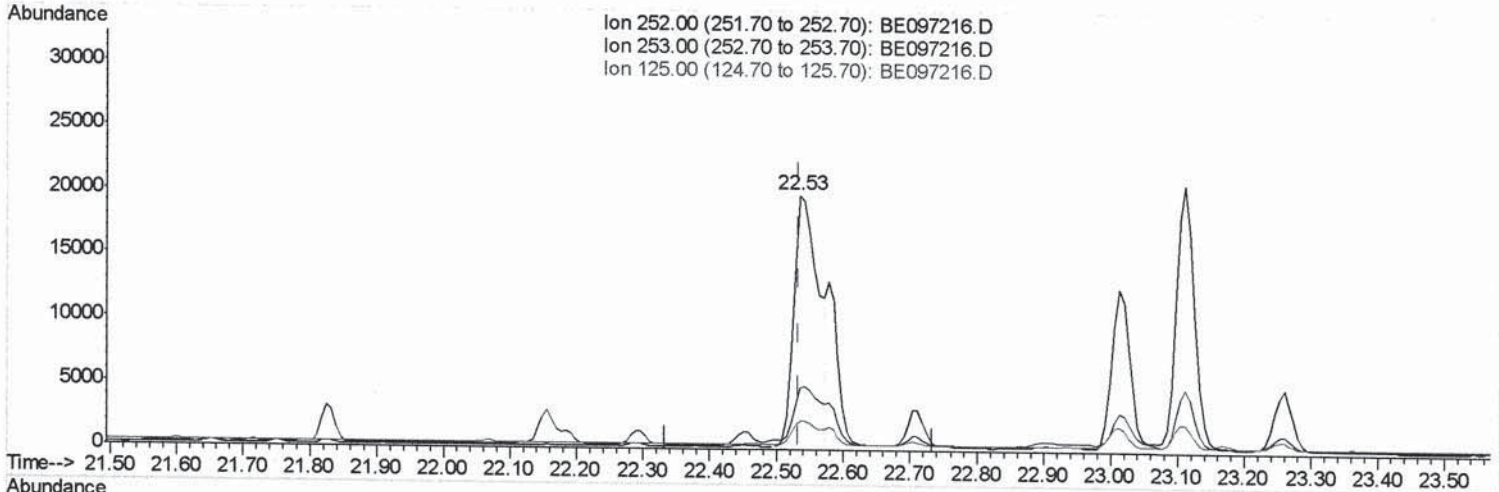
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Manual Integrations
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(21) Benzo(b)fluoranthene

22.535min (+0.001) 1.67ng/ul m

SJ 8/7/18

response 49652

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.39
125.00	17.50	11.59
0.00	0.00	0.00

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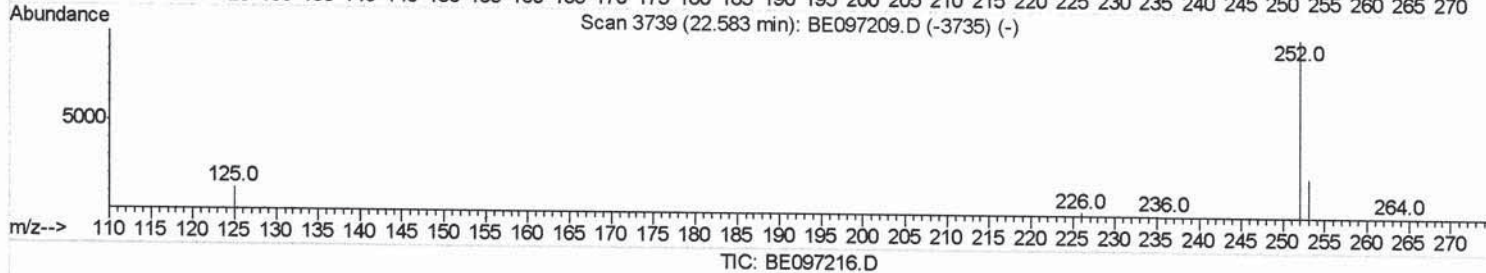
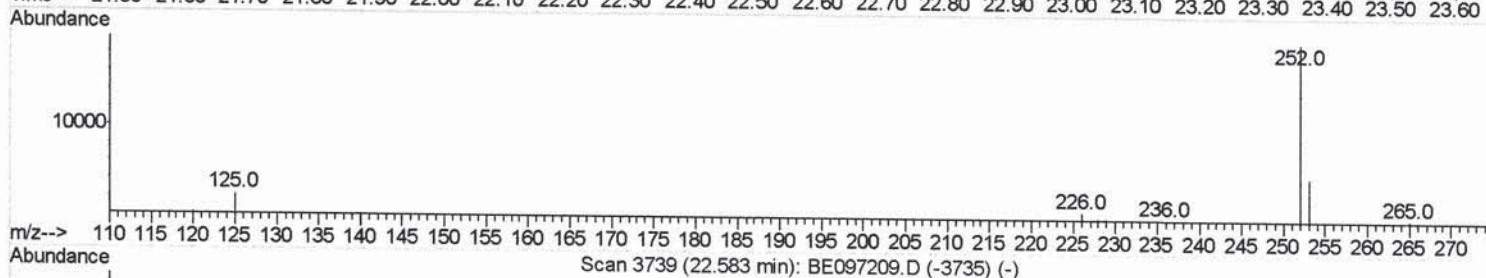
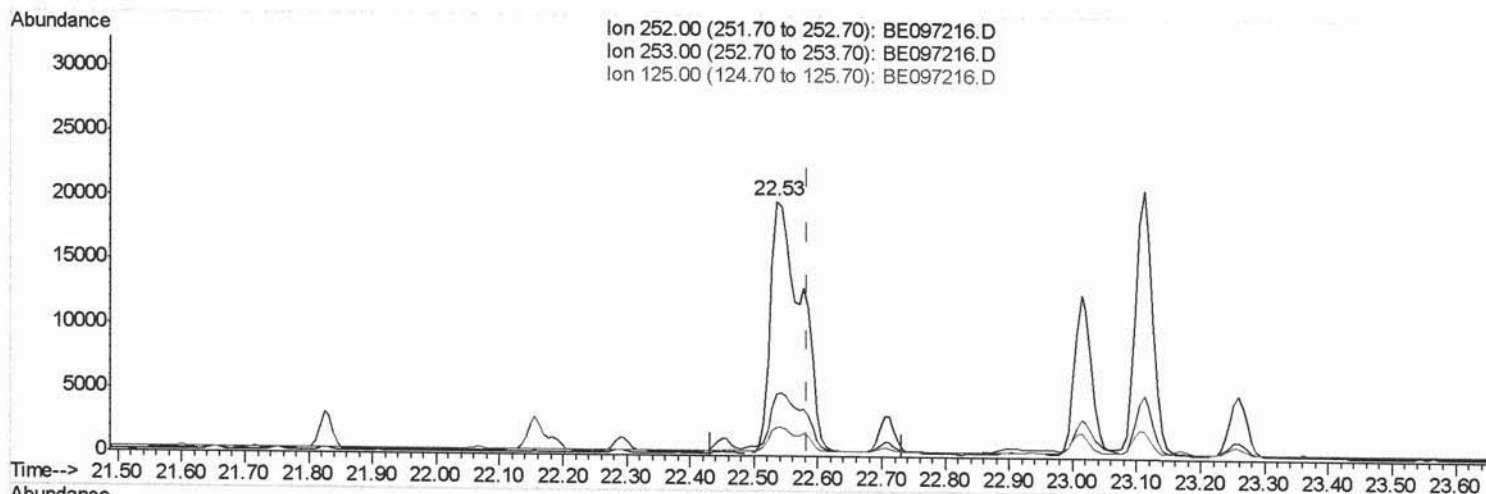
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(22) Benzo(k)fluoranthene

22.535min (-0.048) 2.05ng/ul

response 65613

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.39#
125.00	17.10	11.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

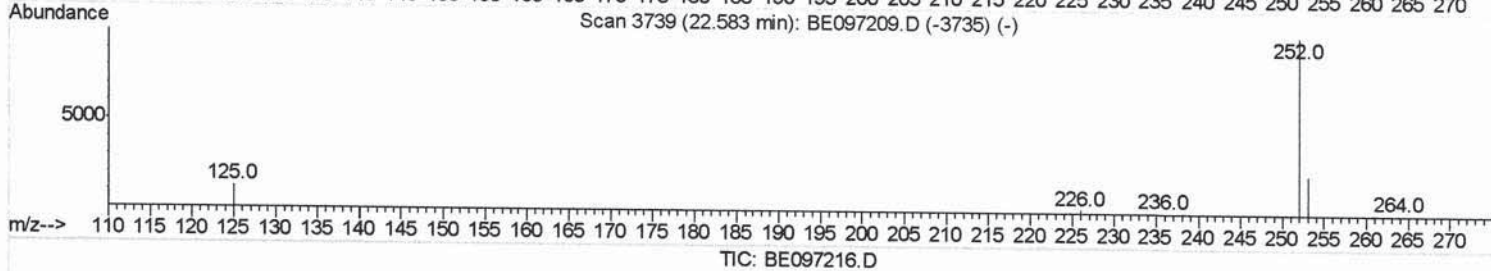
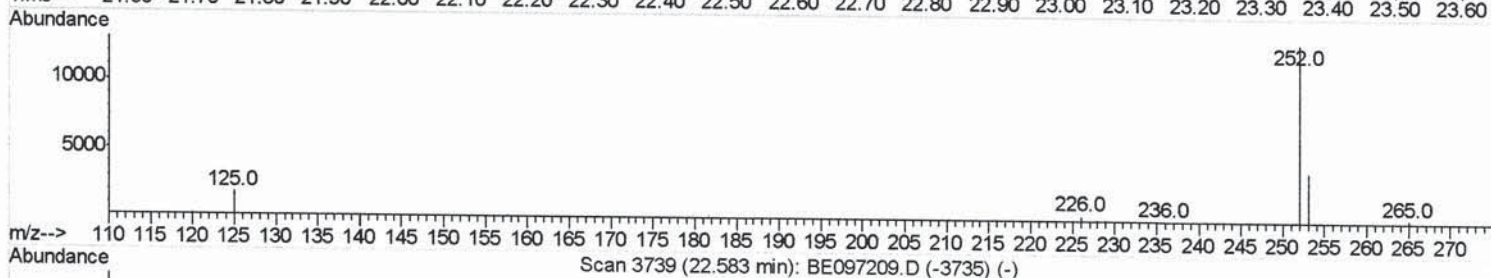
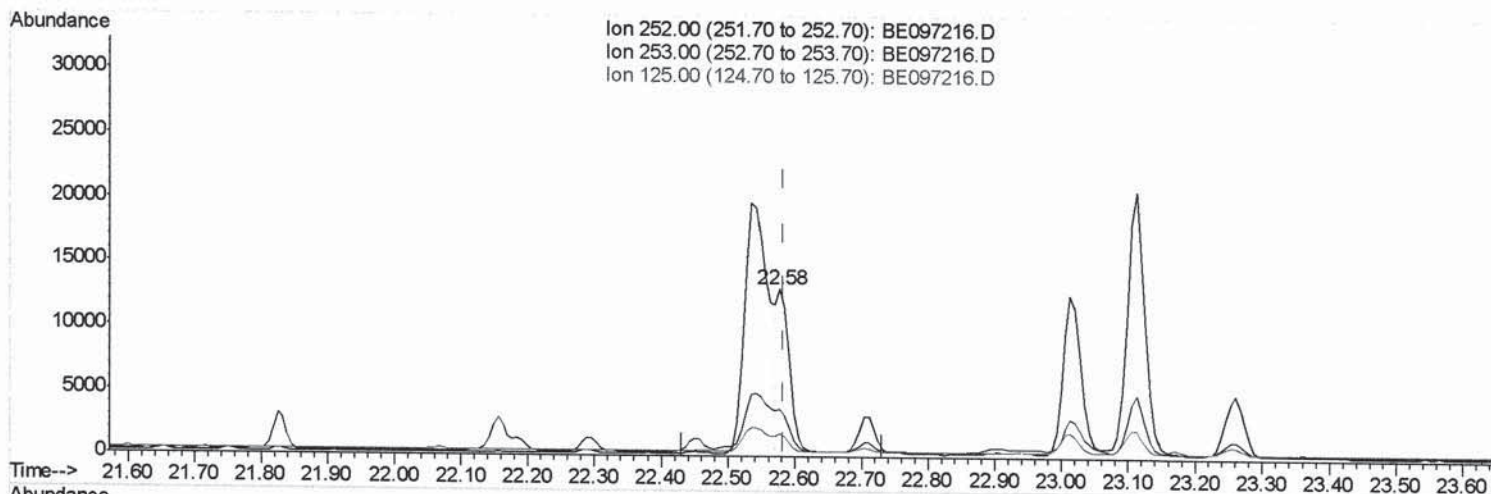
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(22) Benzo(k)fluoranthene

22.577min (-0.006) 0.48ng/ul m

SJ 8/7/18

response 15407

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.52
125.00	17.10	13.88
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	7.39	152	1415	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7487	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4502	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10810	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11323	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10892m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	928	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	2528	0.07	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthene	14.08	153	492	0.035	ng/ul#	91
9) Fluorene	15.08	166	598	0.037	ng/ul#	92
12) Phenanthrene	16.81	178	28696m	1.041	ng/ul	
13) Anthracene	16.90	178	4646	0.181	ng/ul	94
15) Fluoranthene	18.84	202	77262	2.121	ng/ul	84
17) Pyrene	19.20	202	80413	2.650	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	34205	1.057	ng/ul#	84
19) Chrysene	21.01	228	38564	1.157	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	49652m	1.673	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	15407m	0.481	ng/ul	
23) Benzo(a)pyrene	23.11	252	38407	1.293	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	28890	0.777	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.51	278	6187	0.203	ng/ul	97
26) Benzo(a,h,i)perylene	26.20	276	26638	0.829	ng/ul#	92

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