

Quantitation Report (QT Reviewed)

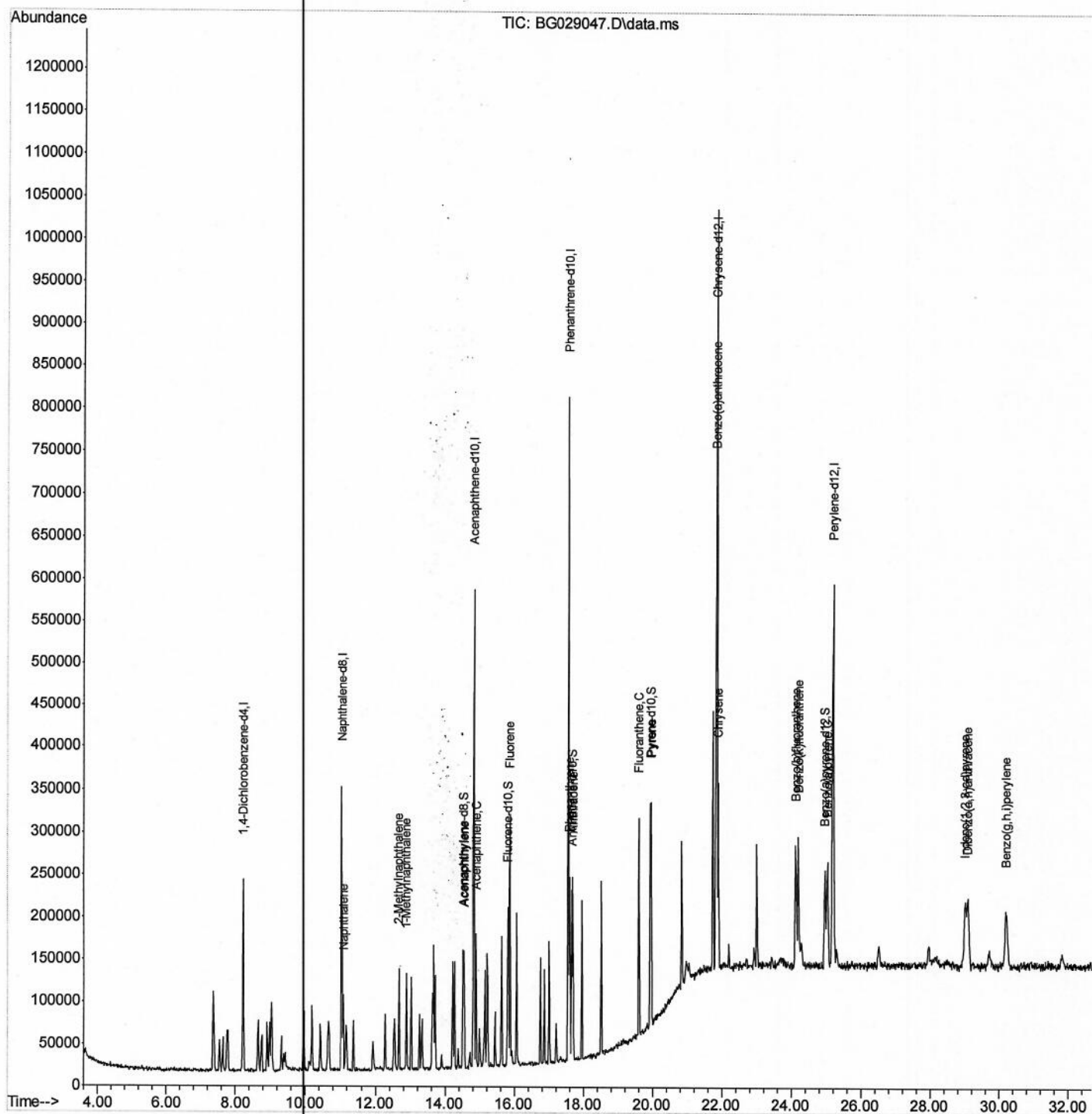
Data Path : Z:\HPCHEM1\BNA G\Data\BG100717\
 Data File : BG029047.D
 Acq On : 7 Oct 2017 14:02
 Operator : SJ/JU
 Sample : SSTD00552
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 SSTD00552

Quant Time: Oct 07 17:36:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 16:55:35 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:50:03 PM



Quantitation Report (Qedit)

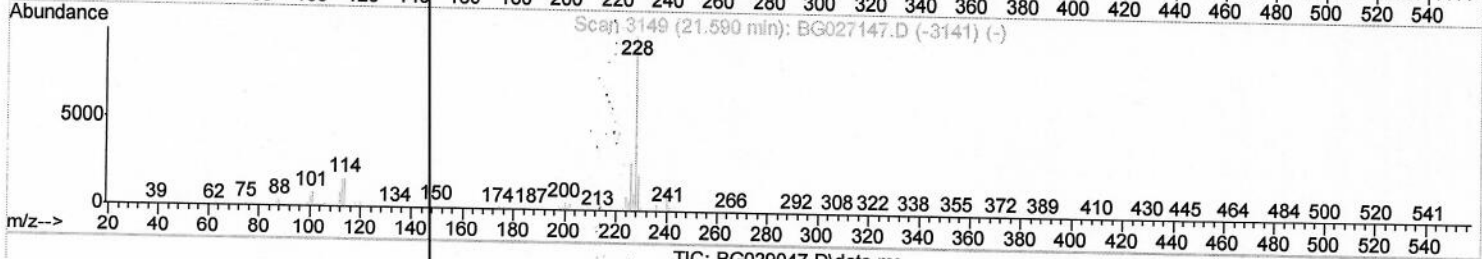
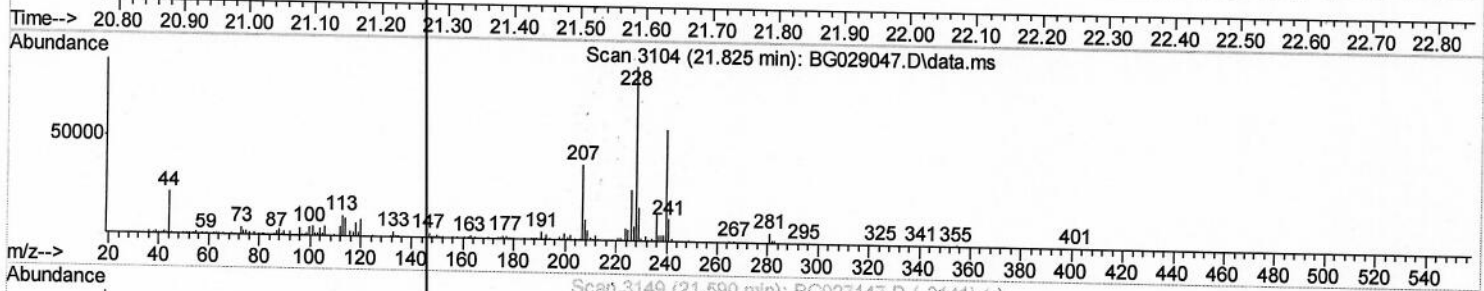
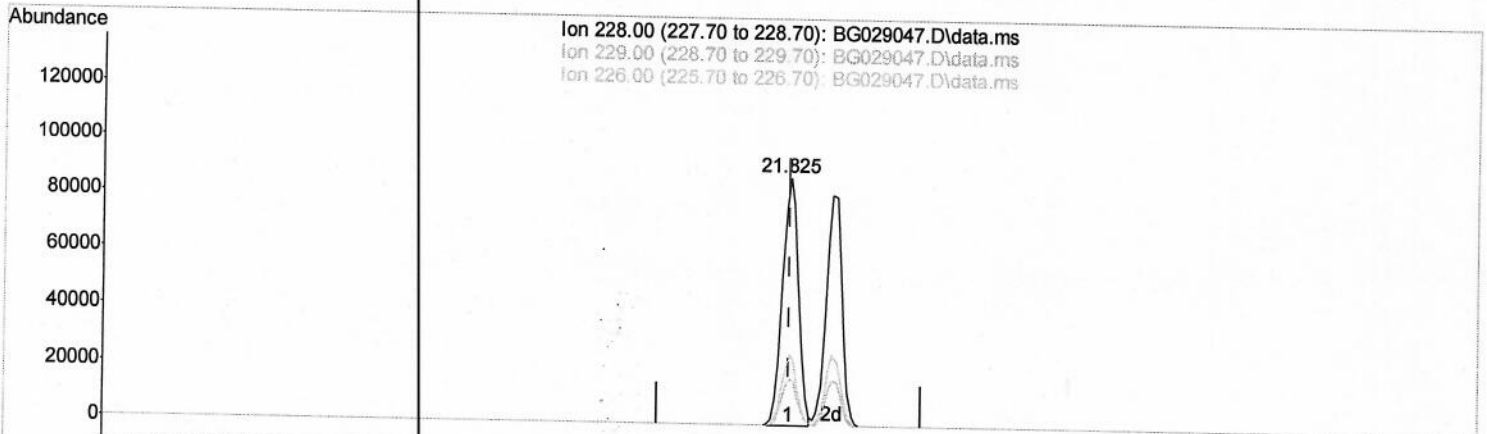
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TIC: BG029047.D\data.ms

(20) Benzo(a)anthracene
 21.825min (+0.000) 4.83ng/ul
 response 148018

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	19.15
226.00	26.40	29.42
0.00	0.00	0.00

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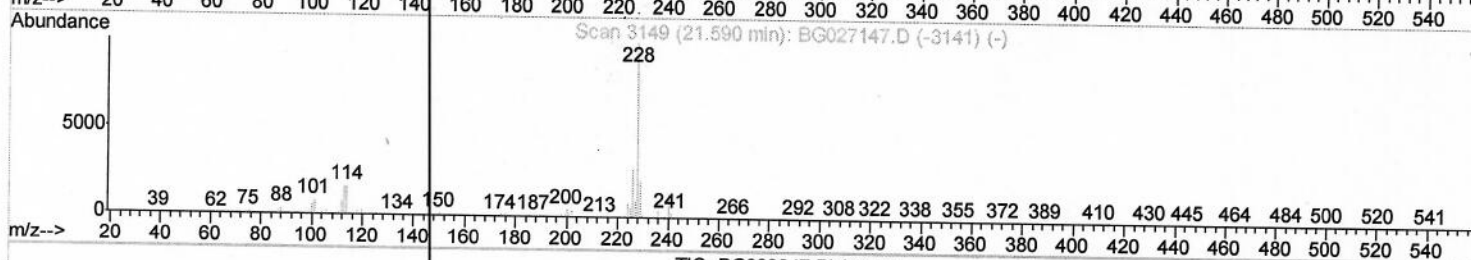
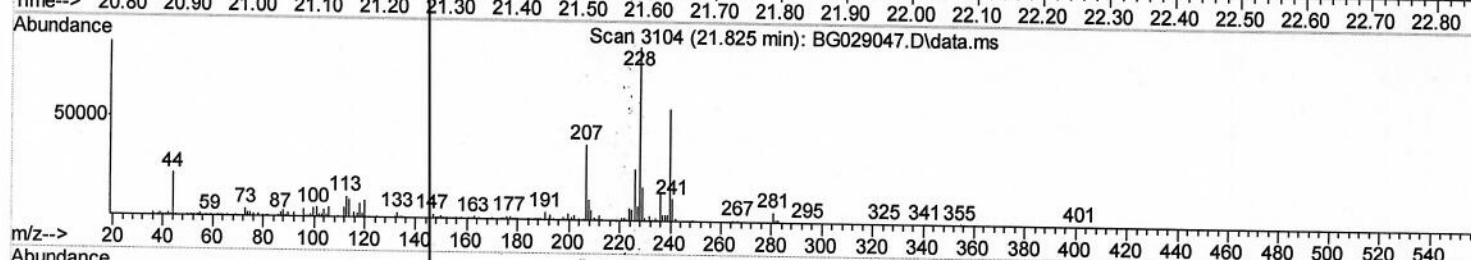
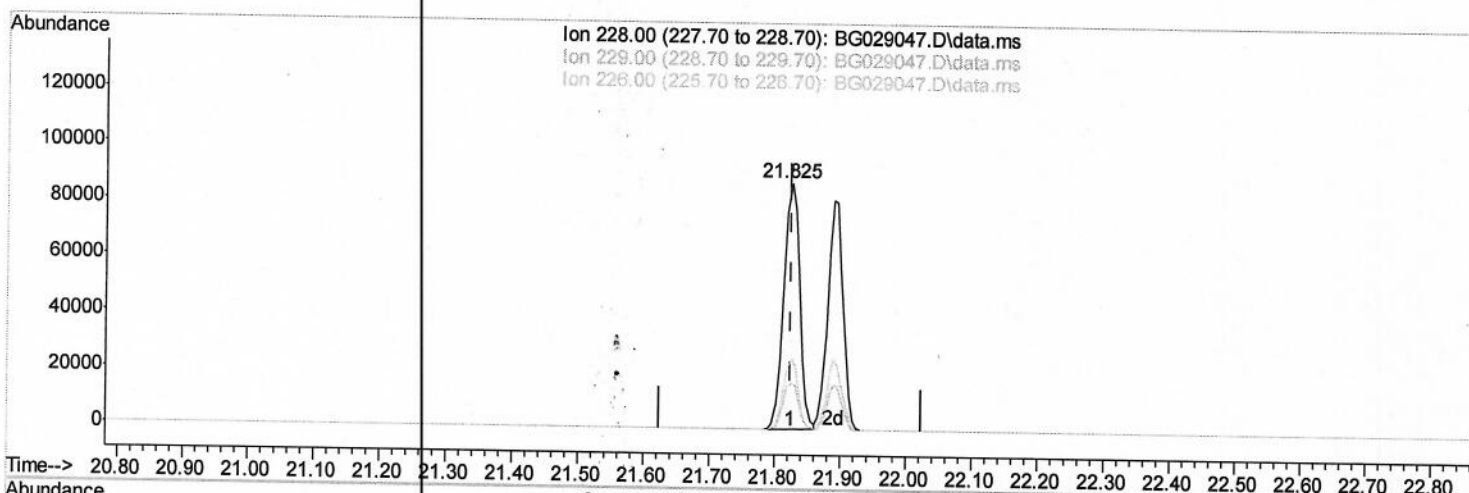
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TIC: BG029047.D\data.ms

(20) Benzo(a)anthracene
 21.825min (+0.000) 4.82ng/ul m
 response 147947

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	19.15
226.00	26.40	29.42
0.00	0.00	0.00

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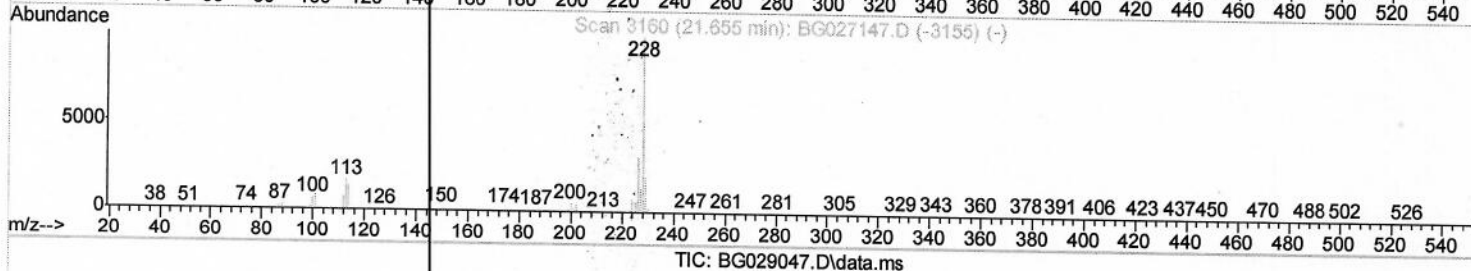
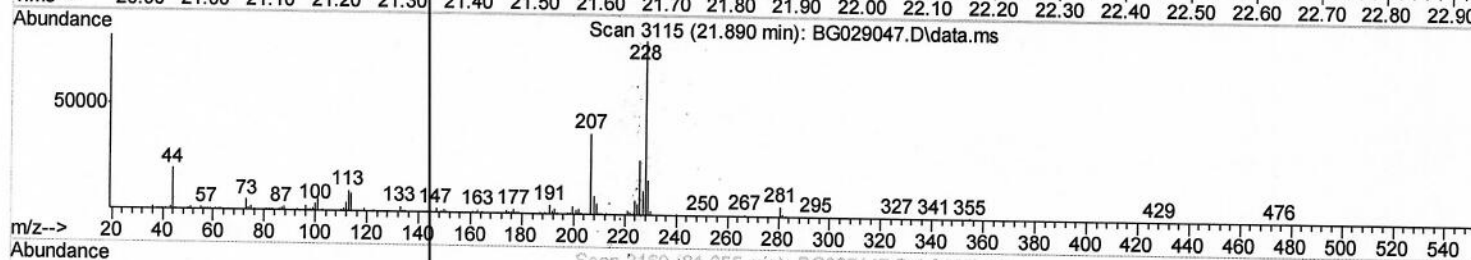
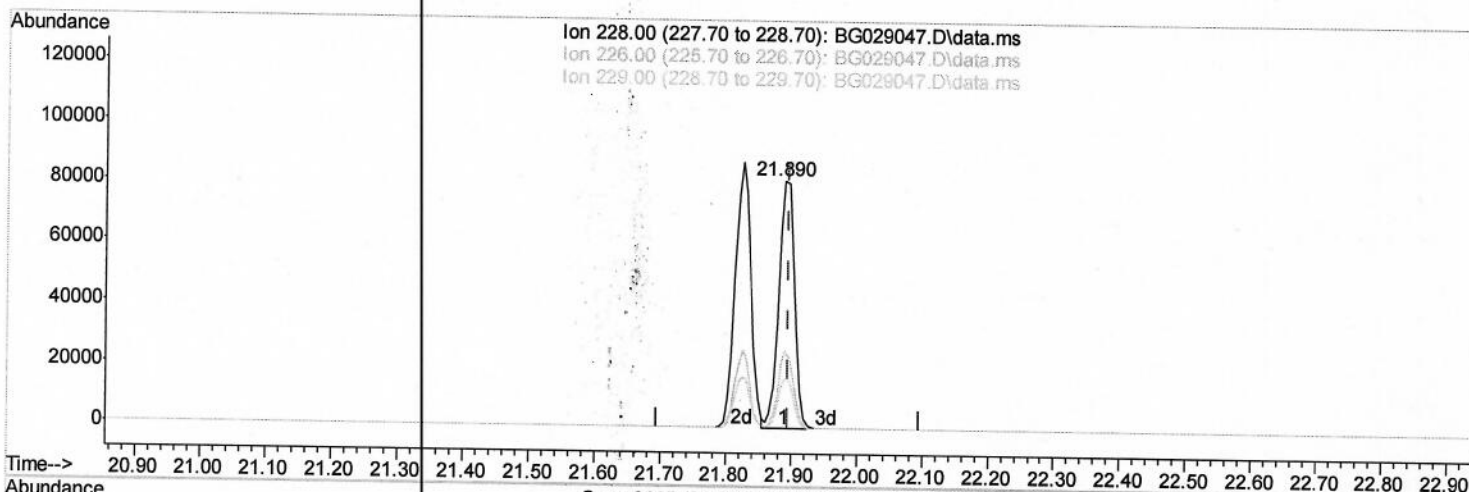
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(21) Chrysene

21.890min (-0.006) 4.85ng/ul

response 136521

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.47
229.00	19.80	19.82
0.00	0.00	0.00

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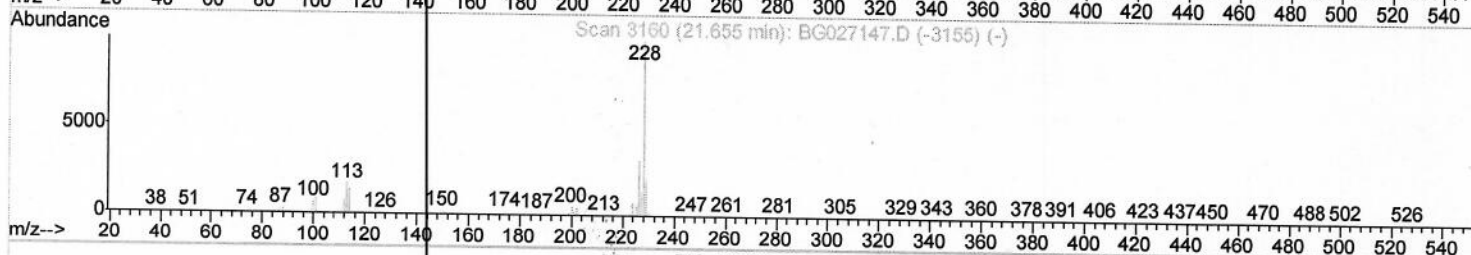
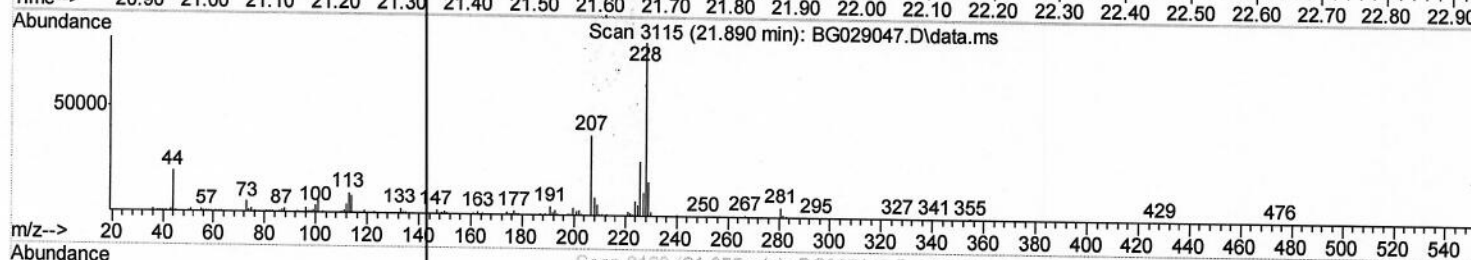
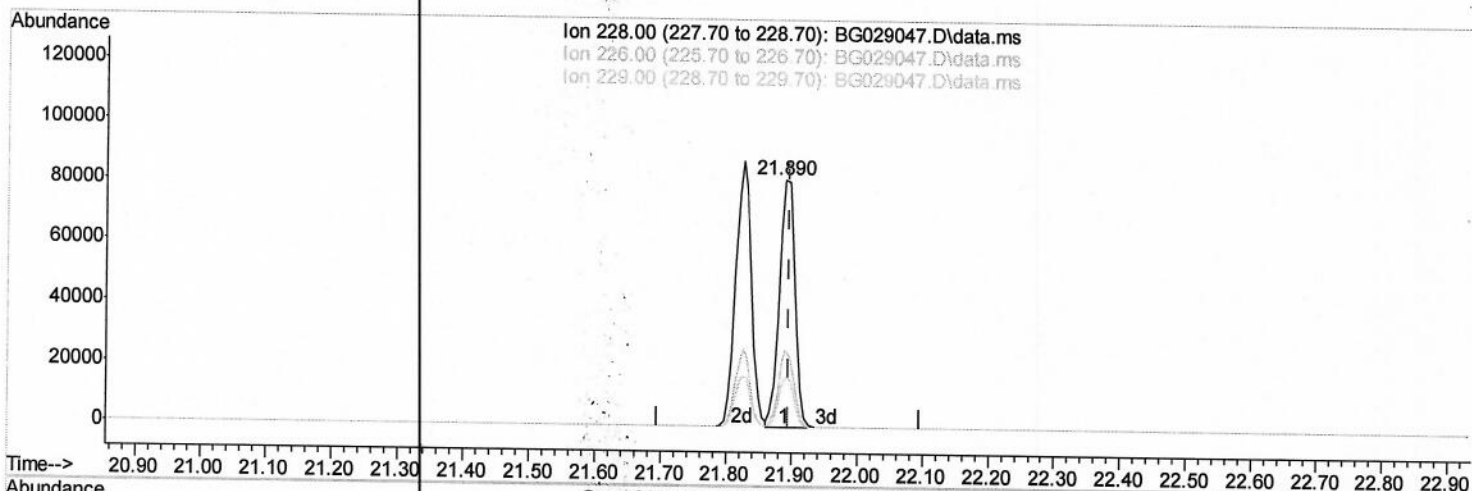
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(21) Chrysene

21.890min (-0.006) 4.83ng/ul m

response 136102

Ion Exp% Act%

228.00	100	100
226.00	30.60	31.47
229.00	19.80	19.82
0.00	0.00	0.00

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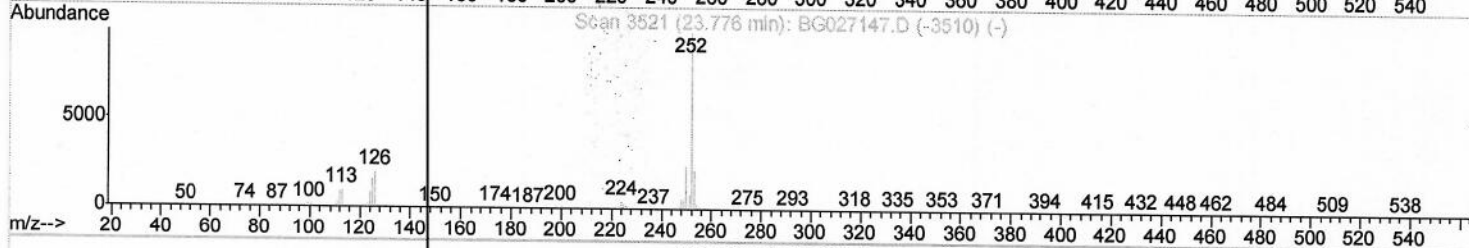
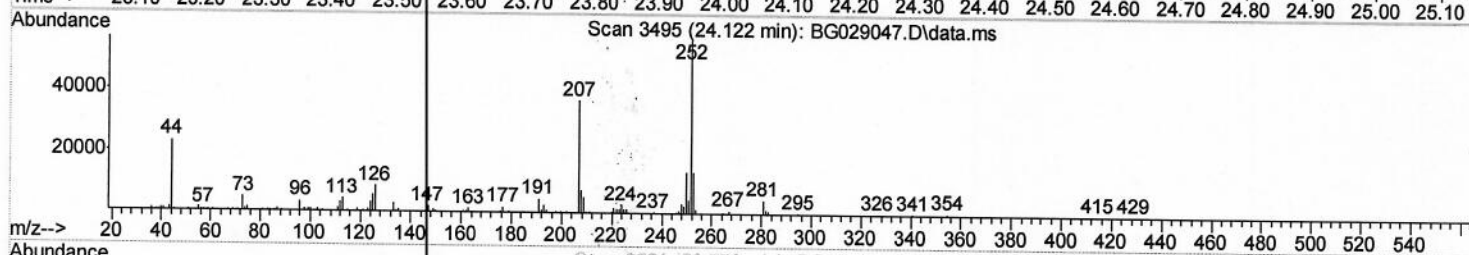
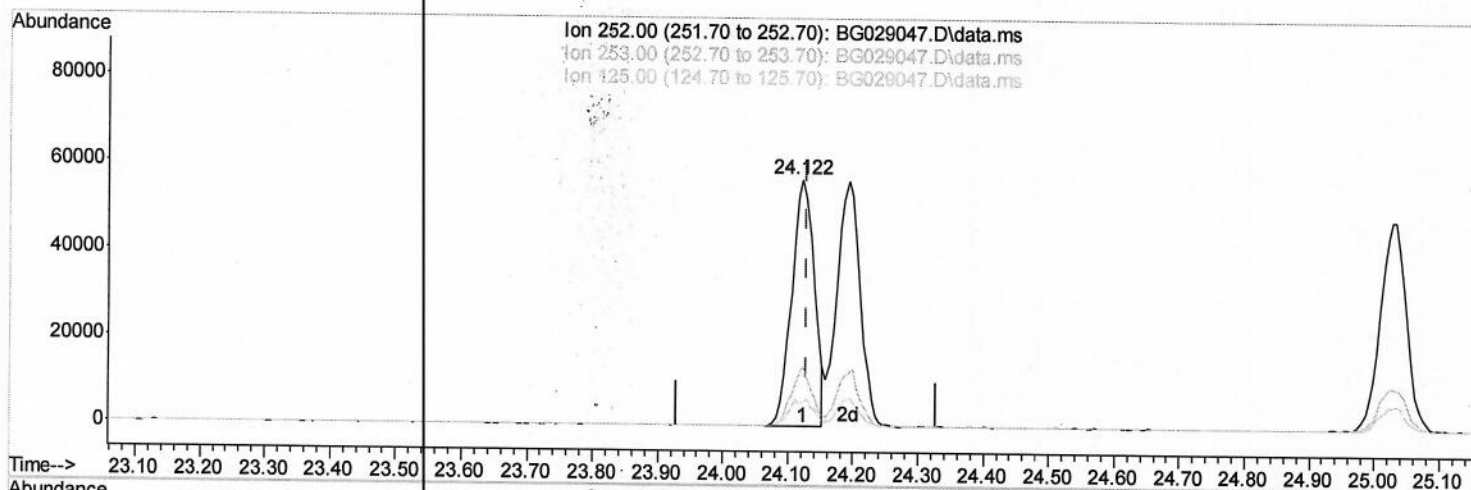
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TIC: BG029047.D\data.ms

(23) Benzo(b)fluoranthene
 24.122min (-0.006) 4.75ng/ul
 response 136491

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.17
125.00	10.00	10.04
0.00	0.00	0.00

Quantitation Report (Qedit)

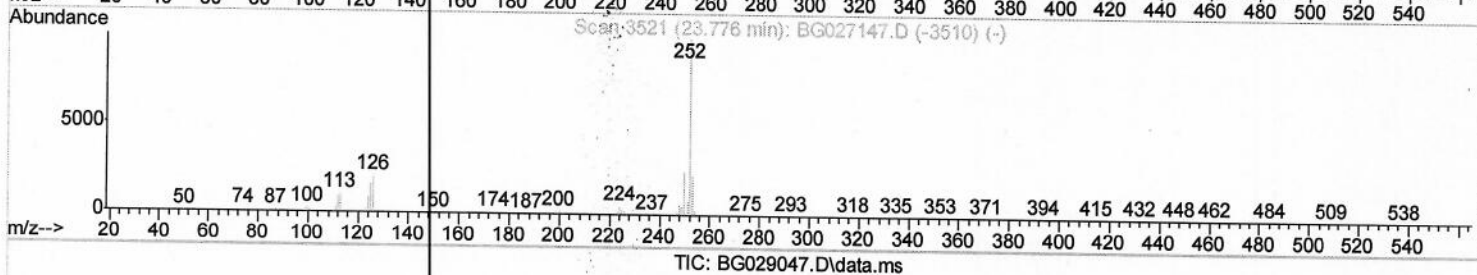
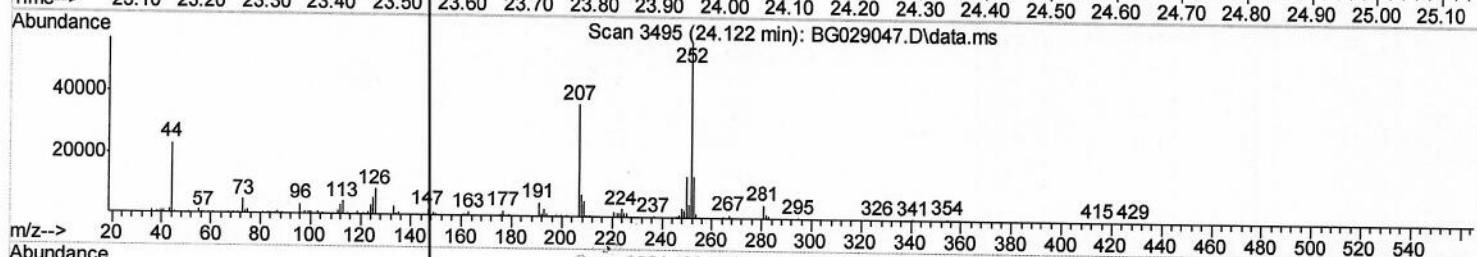
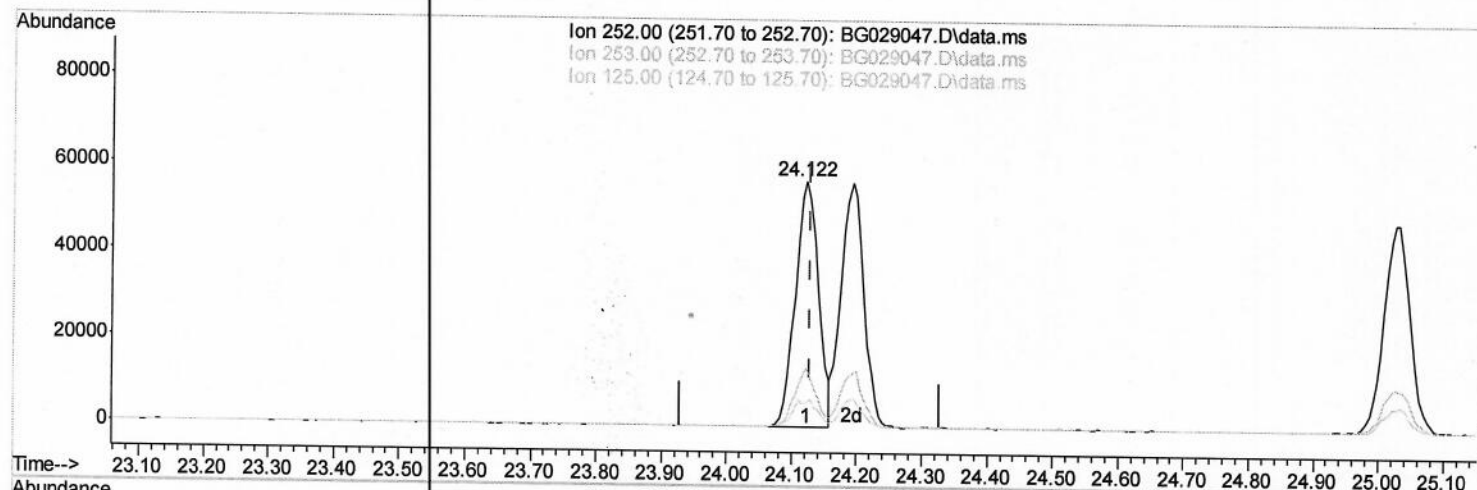
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TIC: BG029047.D\data.ms

(23) Benzo(b)fluoranthene
 24.122min (-0.006) 4.88ng/ul m
 response 140250

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.17
125.00	10.00	10.04
0.00	0.00	0.00

SJ 10/08 117

Quantitation Report (Qedit)

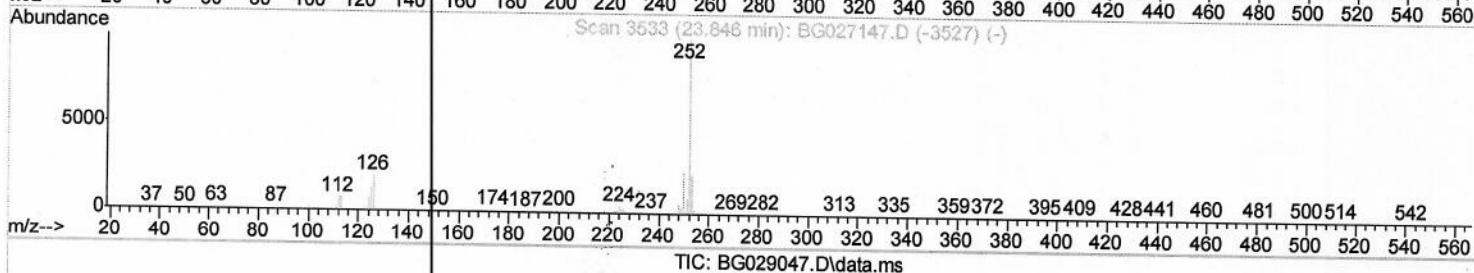
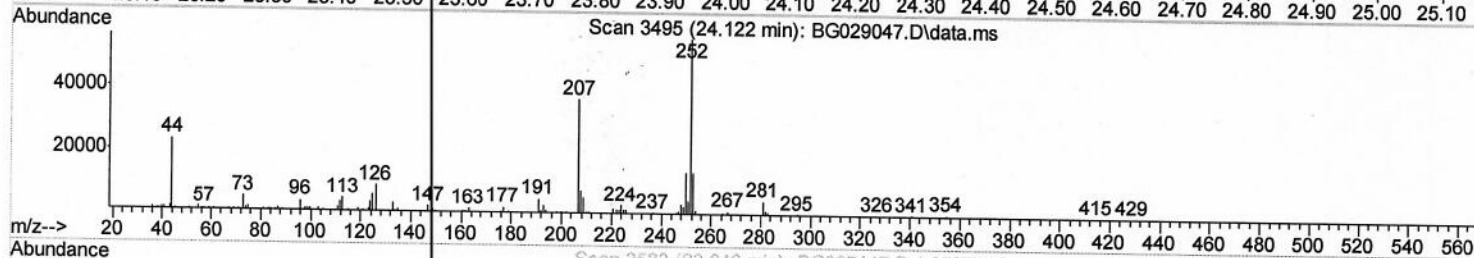
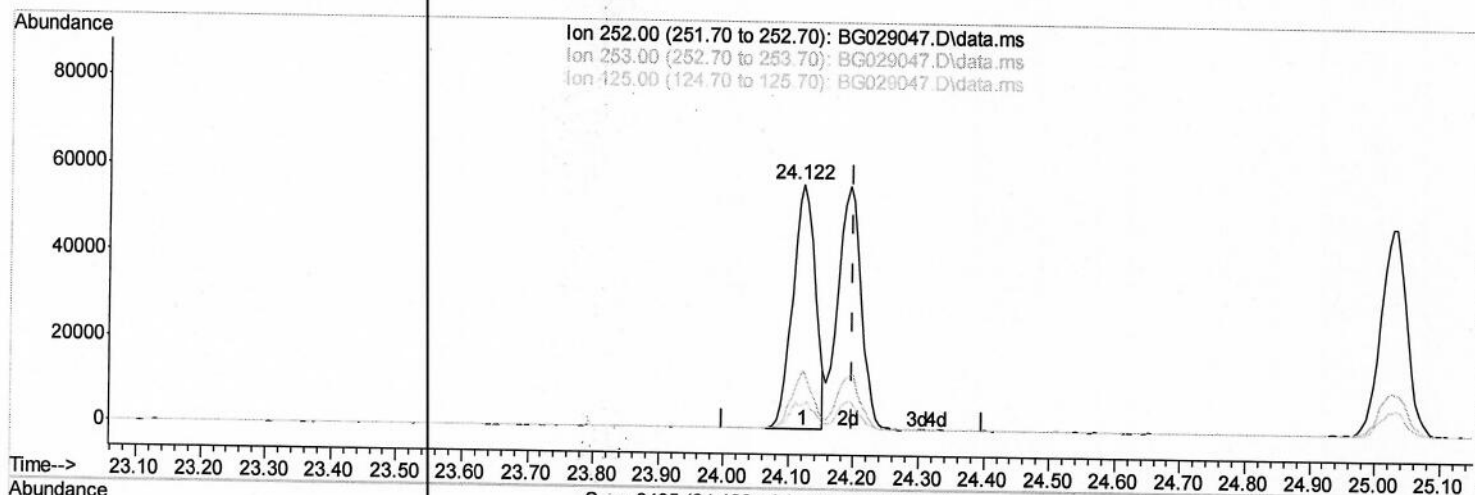
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TIC: BG029047.D\data.ms

(24) Benzo(k)fluoranthene
 24.122min (-0.076) 4.62ng/ui
 response 136491

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.17
125.00	10.10	10.04
0.00	0.00	0.00

Quantitation Report (Qedit)

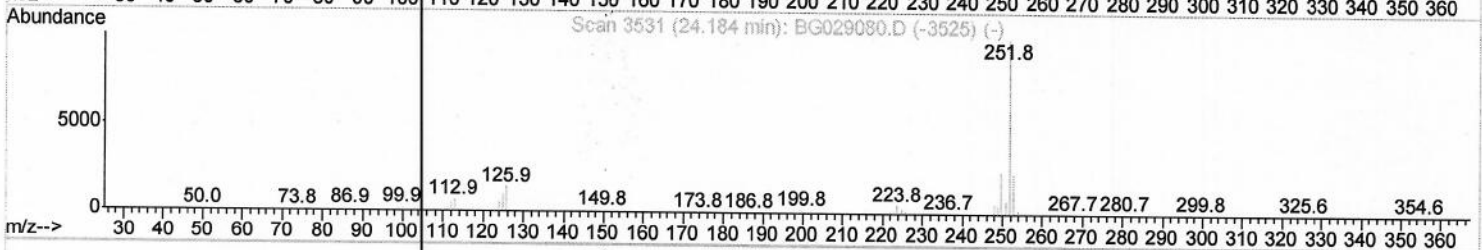
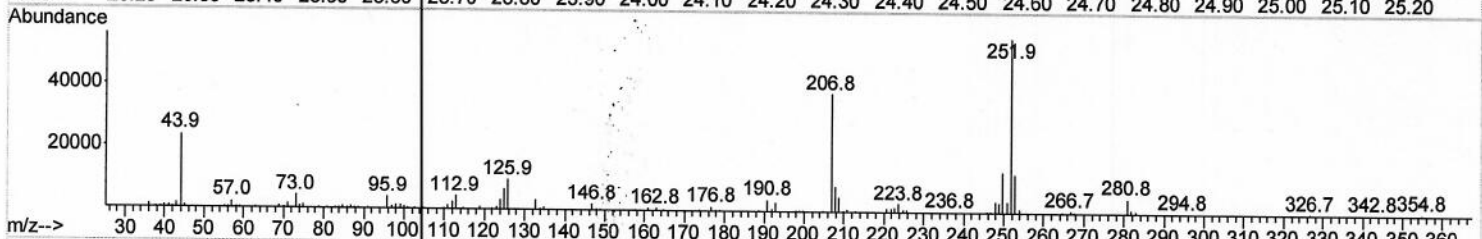
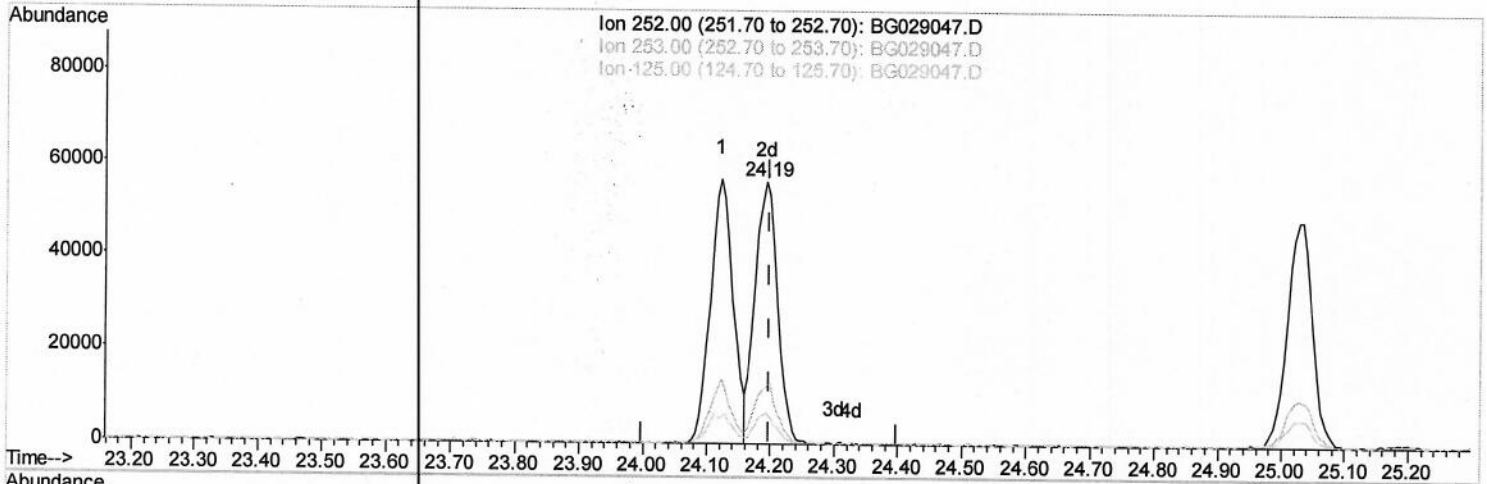
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TIC: BG029047.D

(24) Benzo(k)fluoranthene
 24.193min (-0.006) 4.70ng/ul m
 response 138838

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.96
125.00	10.10	12.12#
0.00	0.00	0.00

SJ 10/08/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.218	152	65071	20.00	ng/ul	0.00
2) Naphthalene-d8	11.038	136	293433	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.828	164	197846	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.565	188	487816	20.00	ng/ul	0.00
17) Chrysene-d12	21.843	240	509079	20.00	ng/ul	0.00
22) Perylene-d12	25.192	264	483467	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.522	160	102101	5.03	ng/ul	0.00
10) Fluorene-d10	15.815	176	74598	5.51	ng/ul	0.00
14) Anthracene-d10	17.665	188	121577	5.11	ng/ul	0.00
18) Pyrene-d10	19.933	212	131080	4.93	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.951	264	113886	4.74	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.085	128	76839	5.05	ng/ul#	94
4) 2-Methylnaphthalene	12.671	142	58826	5.21	ng/ul	99
5) 1-Methylnaphthalene	12.889	142	55757	4.59	ng/ul#	94
8) Acenaphthylene	14.551	152	99268	4.87	ng/ul	96
9) Acenaphthene	14.892	153	67463	4.83	ng/ul	99
11) Fluorene	15.873	166	83142	5.59	ng/ul	92
13) Phenanthrene	17.607	178	134577	4.93	ng/ul	97
15) Anthracene	17.701	178	138918	4.96	ng/ul	98
16) Fluoranthene	19.604	202	157318	5.64	ng/ul	96
19) Pyrene	19.963	202	165612	4.98	ng/ul	97
20) Benzo(a)anthracene	21.825	228	147947m	4.82	ng/ul	
21) Chrysene	21.890	228	136102m	4.83	ng/ul	
23) Benzo(b)fluoranthene	24.122	252	140250m	4.88	ng/ul	
24) Benzo(k)fluoranthene	24.193	252	138838m	4.70	ng/ul	
26) Benzo(a)pyrene	25.033	252	134541	4.79	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	29.005	276	151990	5.88	ng/ul	96
28) Dibenzo(a,h)anthracene	29.081	278	125446	5.62	ng/ul	98
29) Benzo(a,h,i)perylene	30.192	276	125410	6.10	ng/ul#	90

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

SJ
 10/08/17