

Quantitation Report (QT Reviewed)

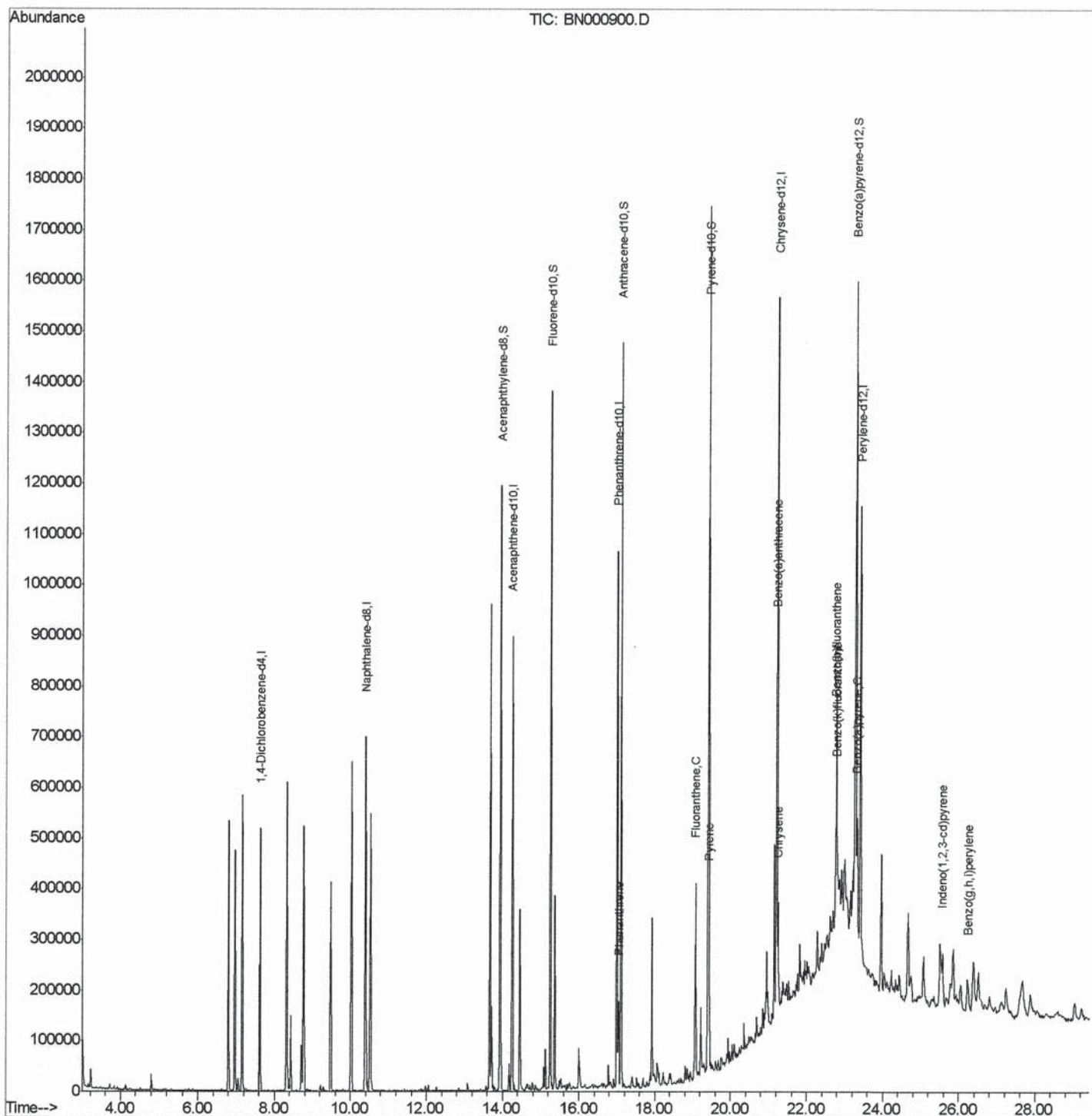
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000900.D
Acq On : 25 Apr 2018 20:24
Operator : JU/SJ
Sample : J2485-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAS28

Manual Integrations
APPROVED

Sohil
4/26/2018 6:22:55 PM

Quant Time: Apr 26 08:16:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

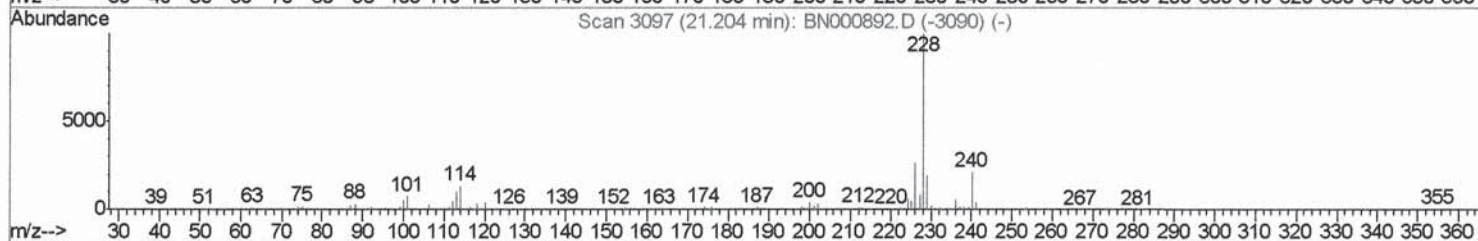
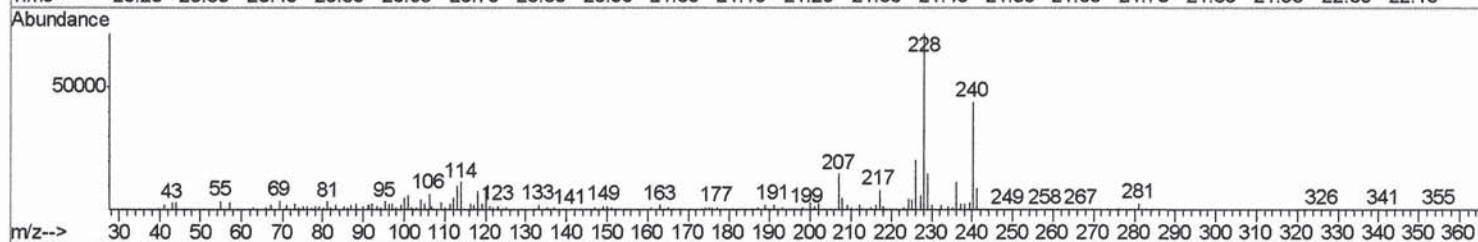
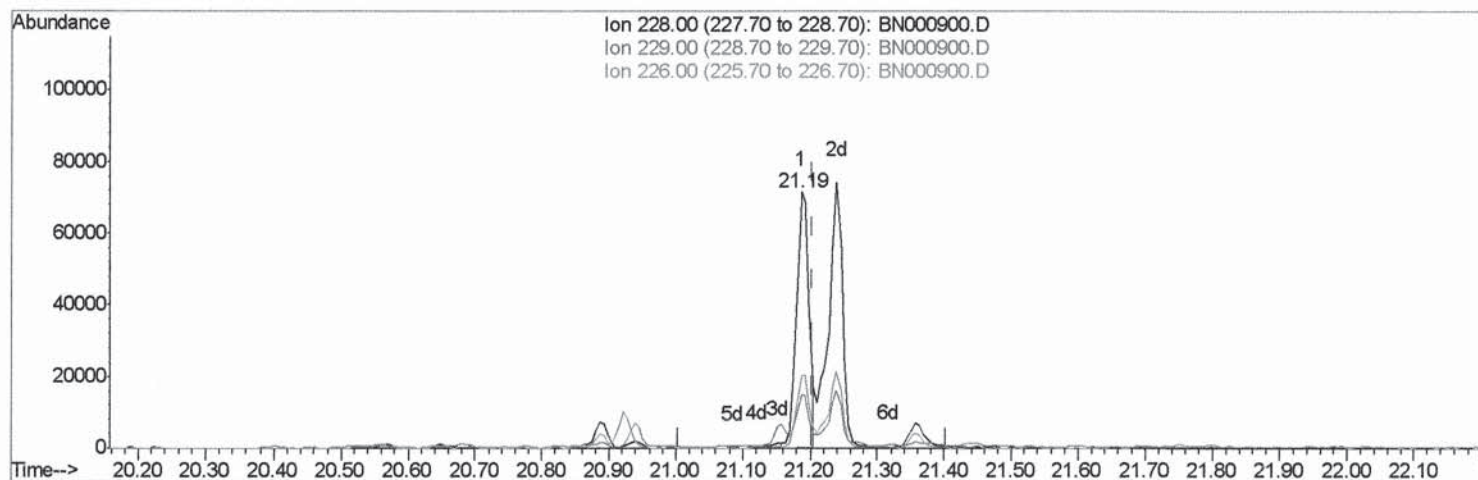
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TIC: BN000900.D

(20) Benzo(a)anthracene

21.186min (-0.018) 2.90ng/ul

response 94525

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.76
226.00	26.40	28.11
0.00	0.00	0.00

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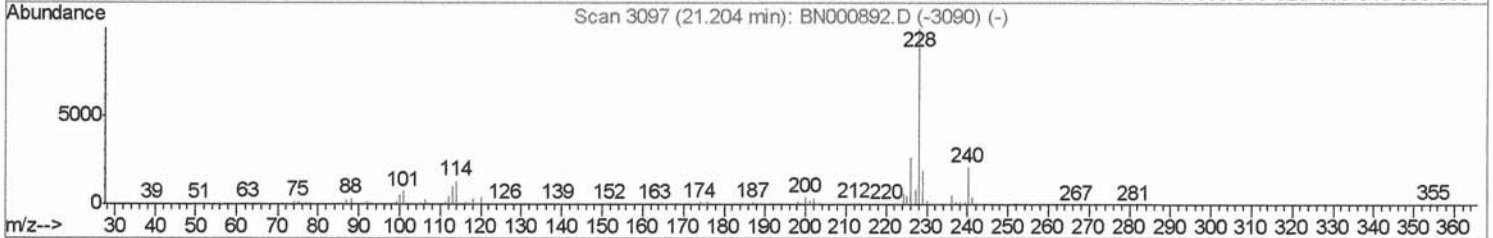
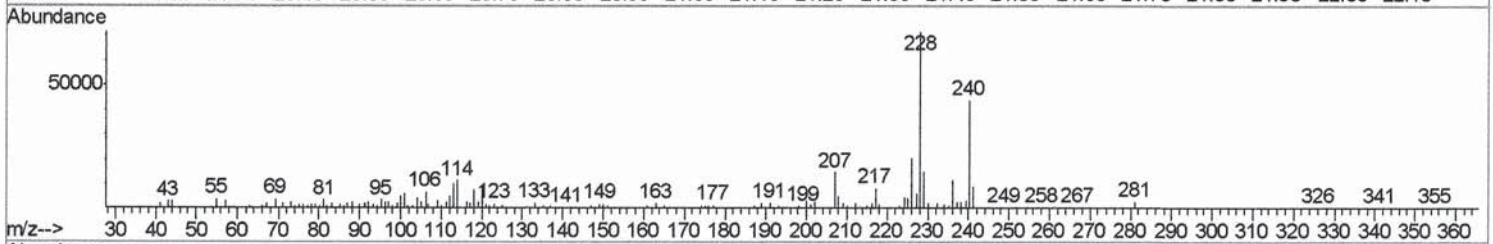
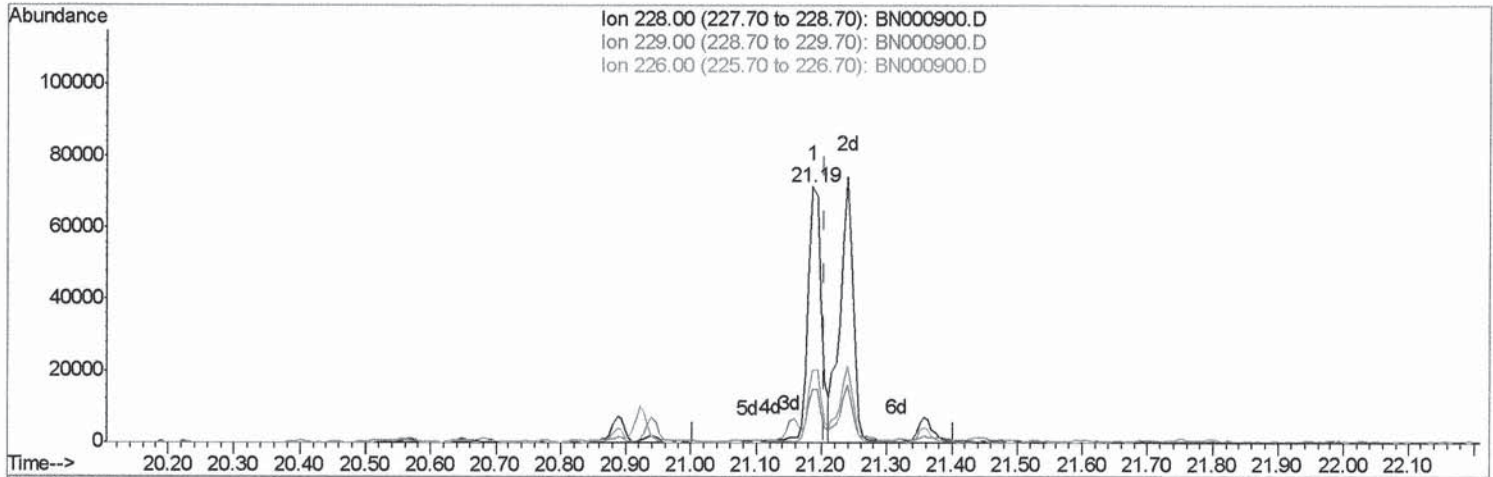
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TIC: BN000900.D

(20) Benzo(a)anthracene

21.186min (-0.018) 3.14ng/ul m

response 102135

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.76
226.00	26.40	28.11
0.00	0.00	0.00

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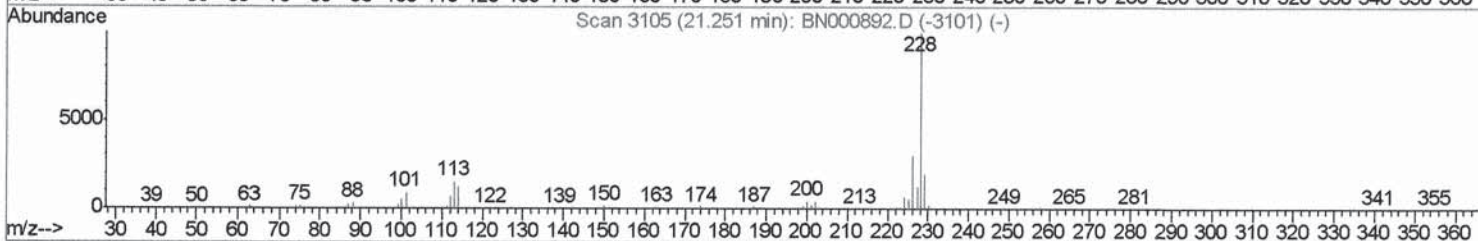
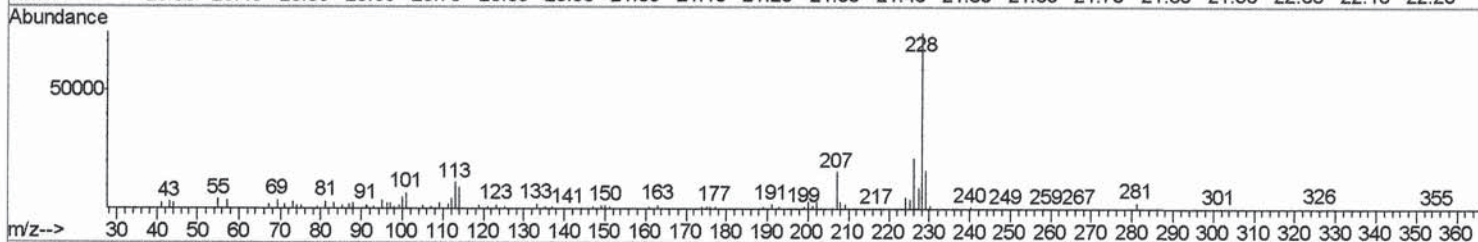
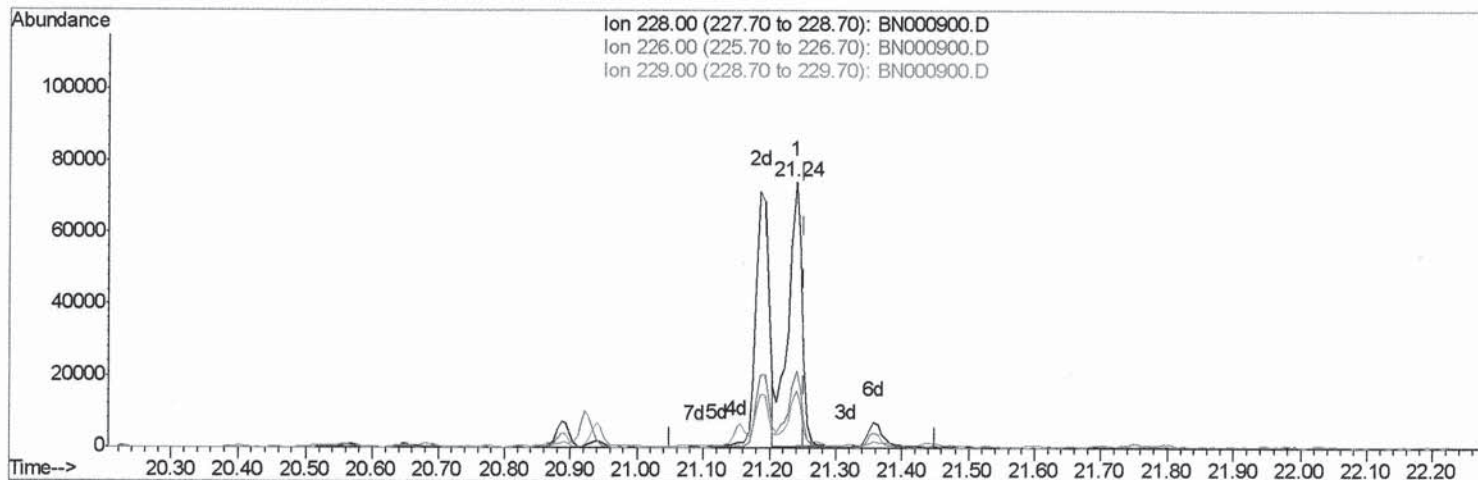
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(21) Chrysene

21.239min (-0.012) 3.50ng/ul

response 107135

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.09
229.00	19.80	22.02
0.00	0.00	0.00

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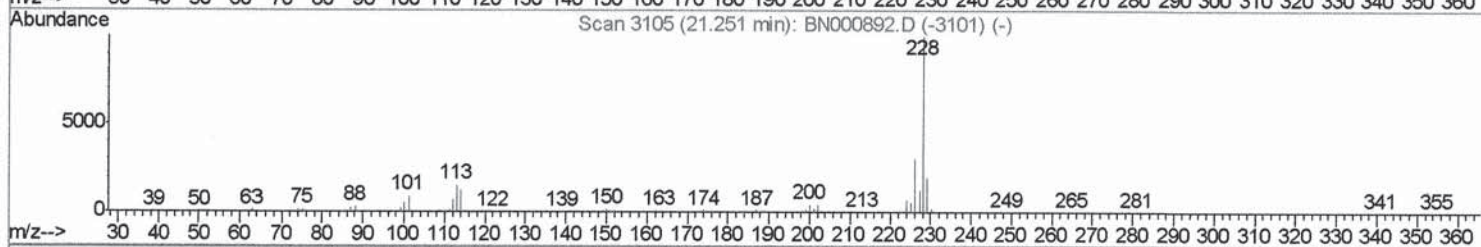
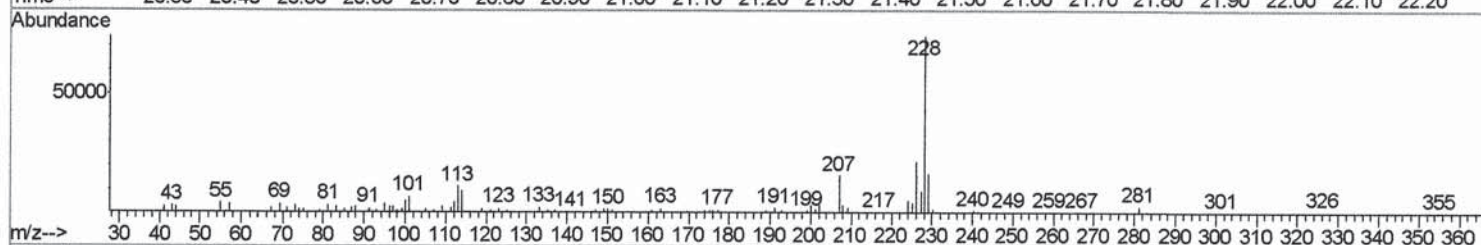
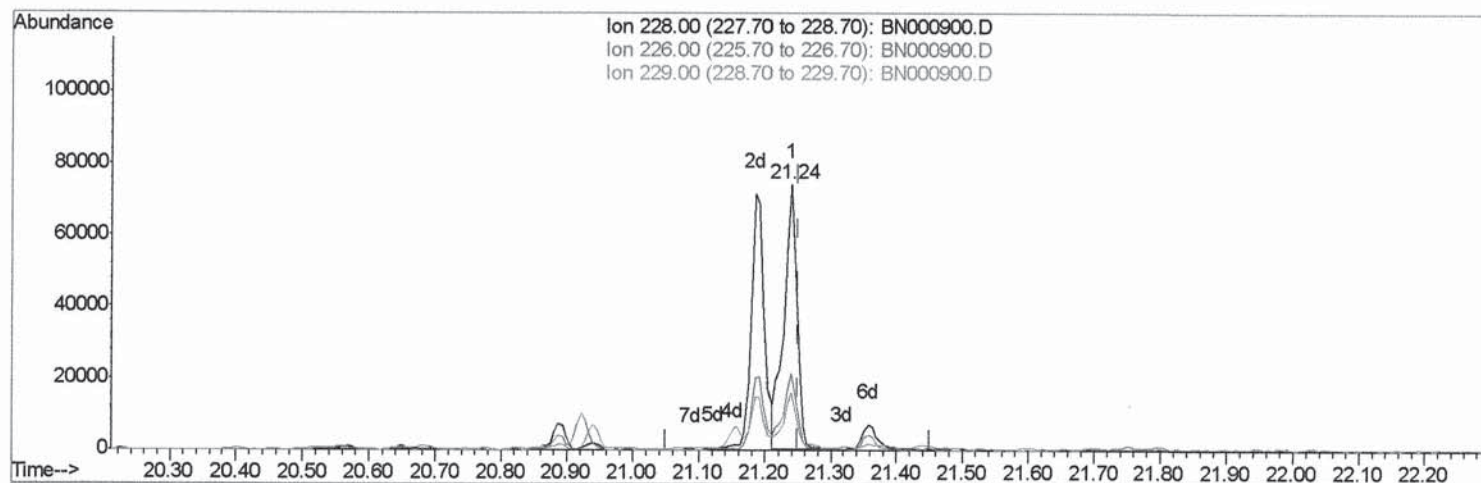
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TIC: BN000900.D

(21) Chrysene

21.239min (-0.012) 3.39ng/ul m

response 103570

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.09
229.00	19.80	22.02
0.00	0.00	0.00

Quantitation Report (Qedit)

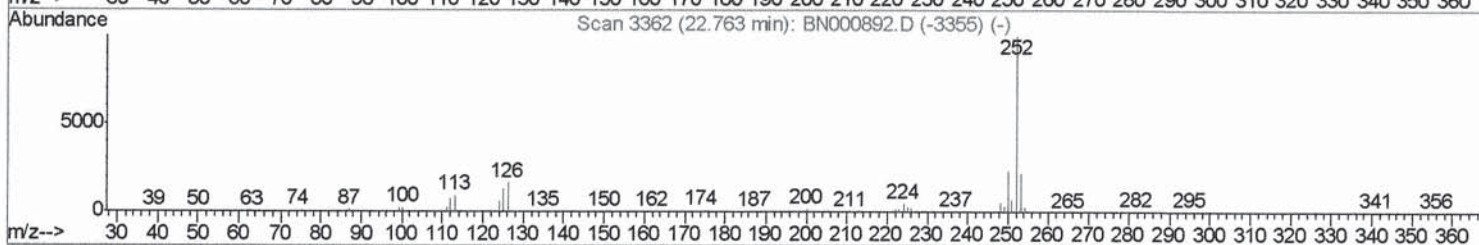
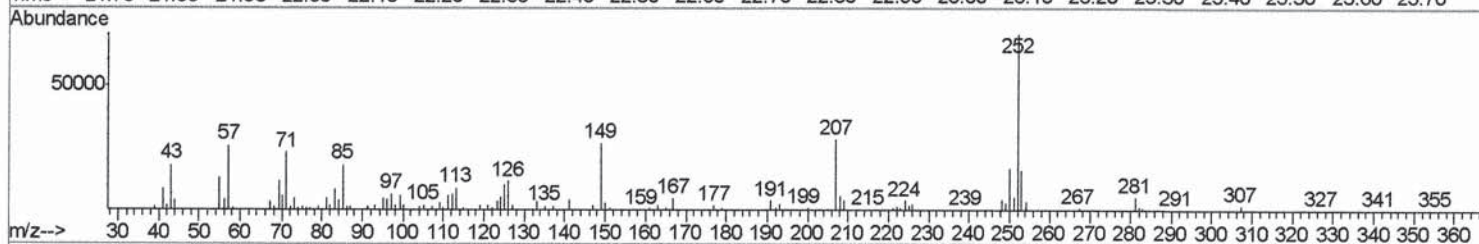
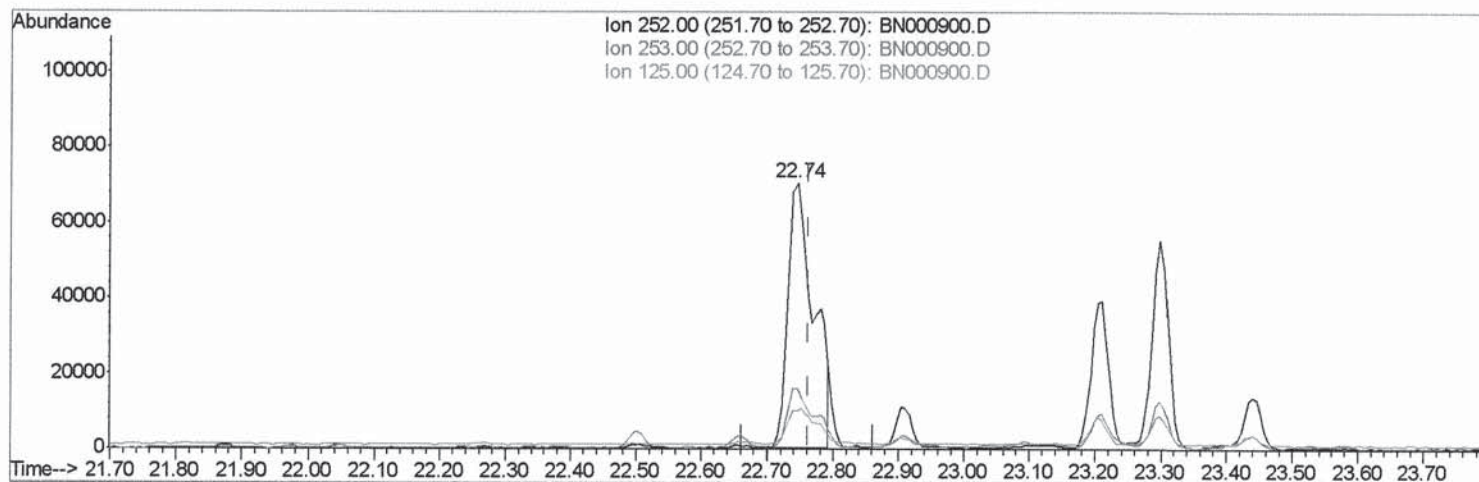
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TIC: BN000900.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 6.01ng/ul

response 191343

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.84
125.00	10.00	14.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

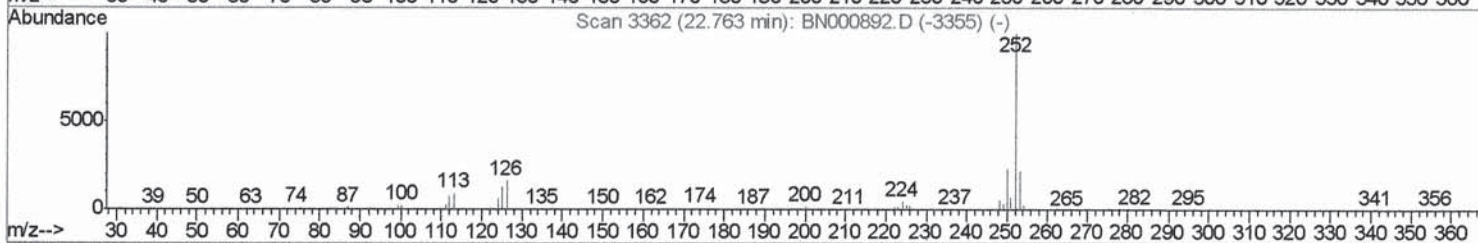
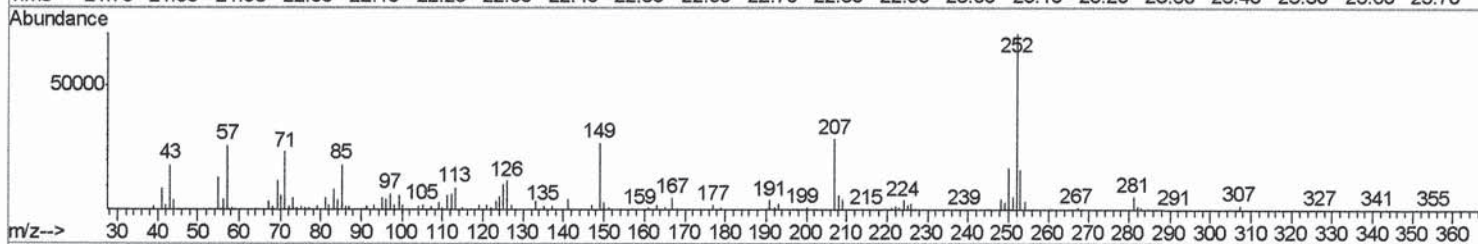
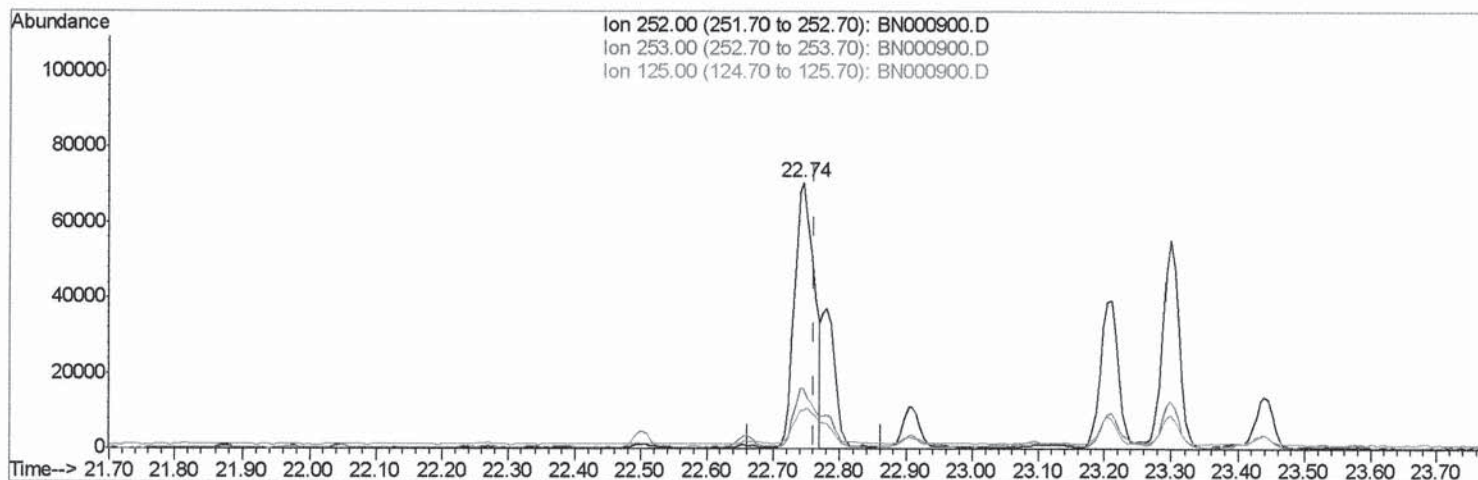
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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TIC: BN000900.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 4.64ng/ul m

response 147652

Ion	Exp%	Act%
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252.00	100	100
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253.00	22.50	22.84
--------	-------	-------

125.00	10.00	14.48#
--------	-------	--------

0.00	0.00	0.00
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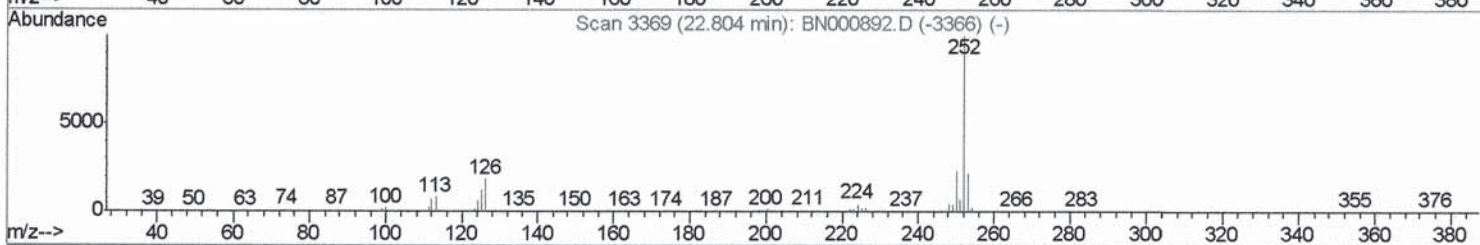
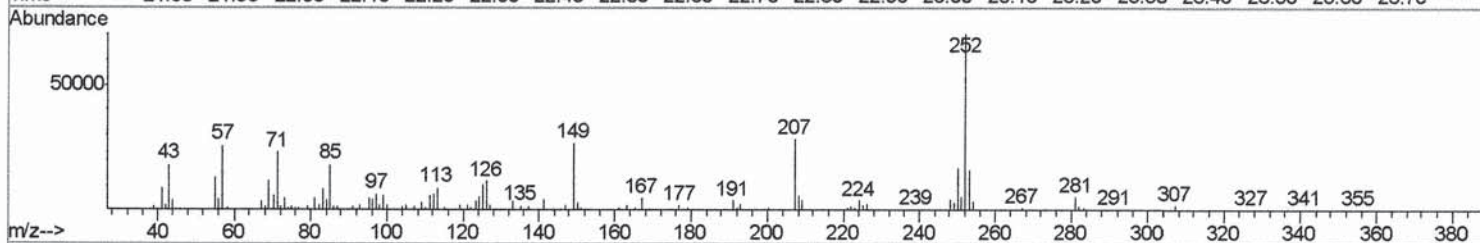
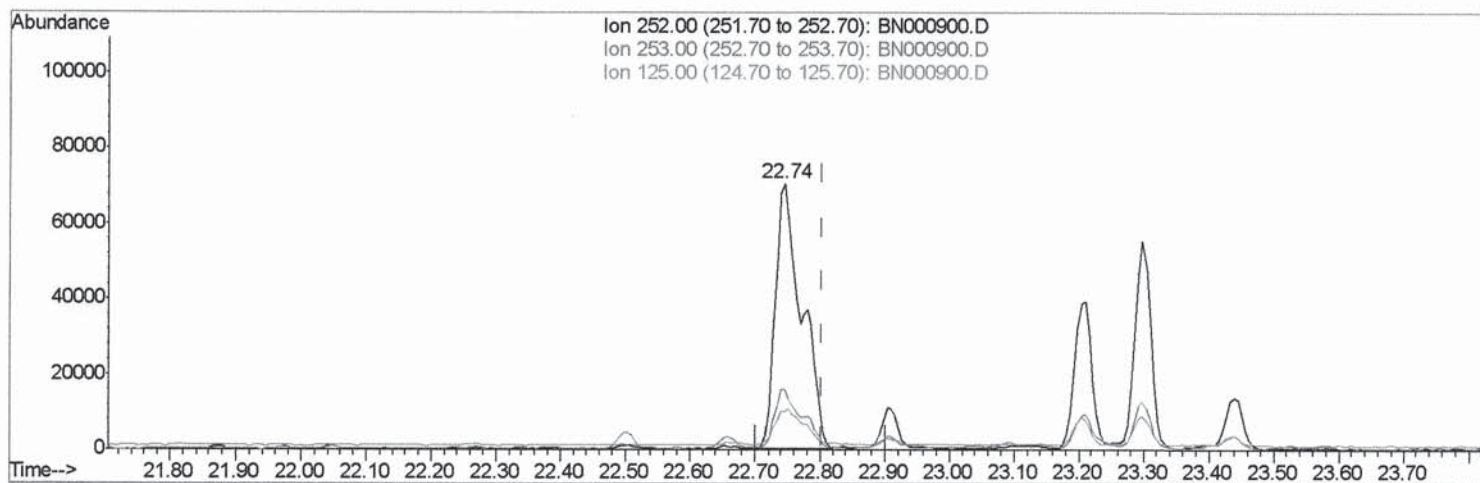
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TIC: BN000900.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 6.33ng/ul

response 197151

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.84
125.00	10.10	14.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

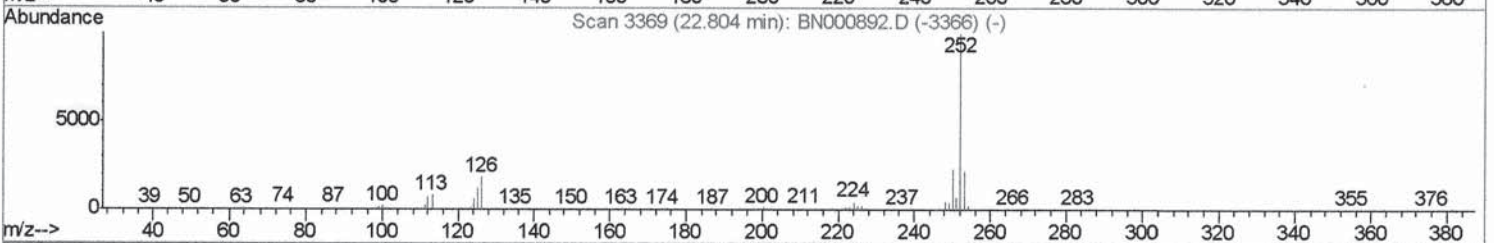
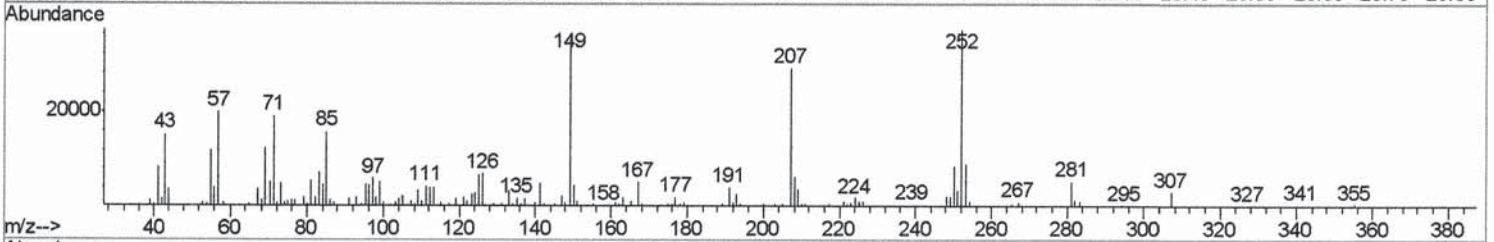
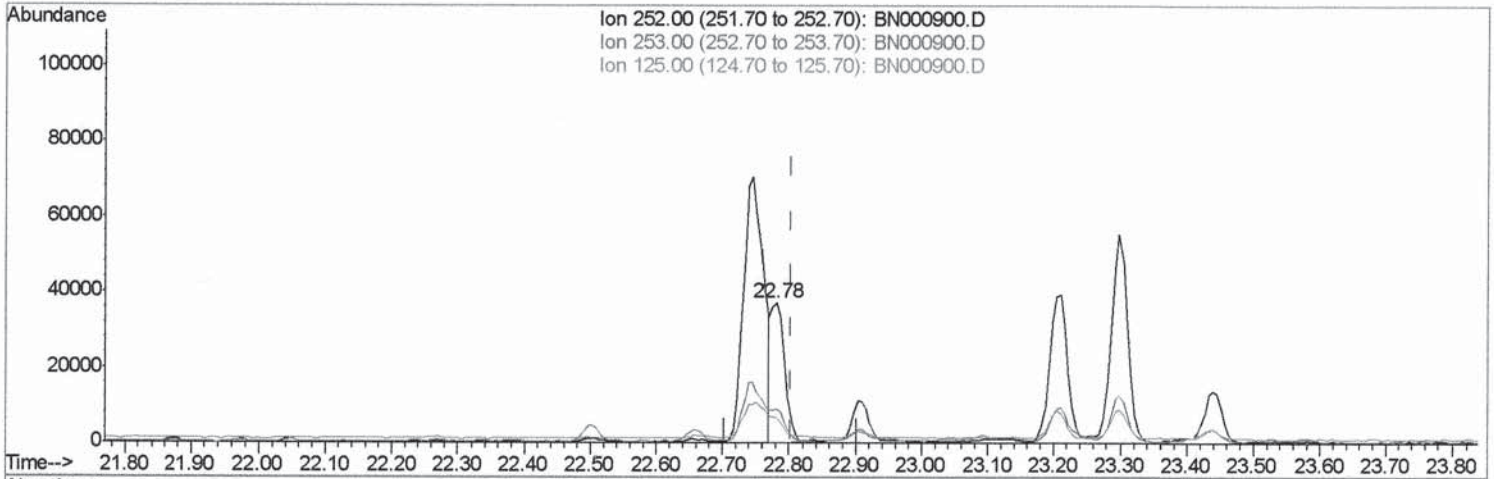
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TIC: BN000900.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 1.67ng/ul m

response 51959

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.45
125.00	10.10	18.20#
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	7.62	152	127751	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	546610	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	278127	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	568071	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	544545	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	559947	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	745970	27.93	ng/ul	0.00
10) Fluorene-d10	15.25	176	520145	29.17	ng/ul	0.00
14) Anthracene-d10	17.10	188	747112	28.76	ng/ul	0.00
18) Pyrene-d10	19.40	212	780318	27.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	822897	31.11	ng/ul	-0.02

Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	91949	2.968	ng/ul	99
16) Fluoranthene	19.06	202	197147	6.272	ng/ul#	93
19) Pyrene	19.43	202	166778	4.768	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	102135m	3.138	ng/ul	
21) Chrysene	21.24	228	103570m	3.385	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	147652m	4.640	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	51959m	1.669	ng/ul	
26) Benzo(a)pyrene	23.30	252	94543	3.109	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	72078	1.962	ng/ul#	89
29) Benzo(a,h,i)perylene	26.22	276	62390	2.031	ng/ul#	90

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