

Quantitation Report (QT Reviewed)

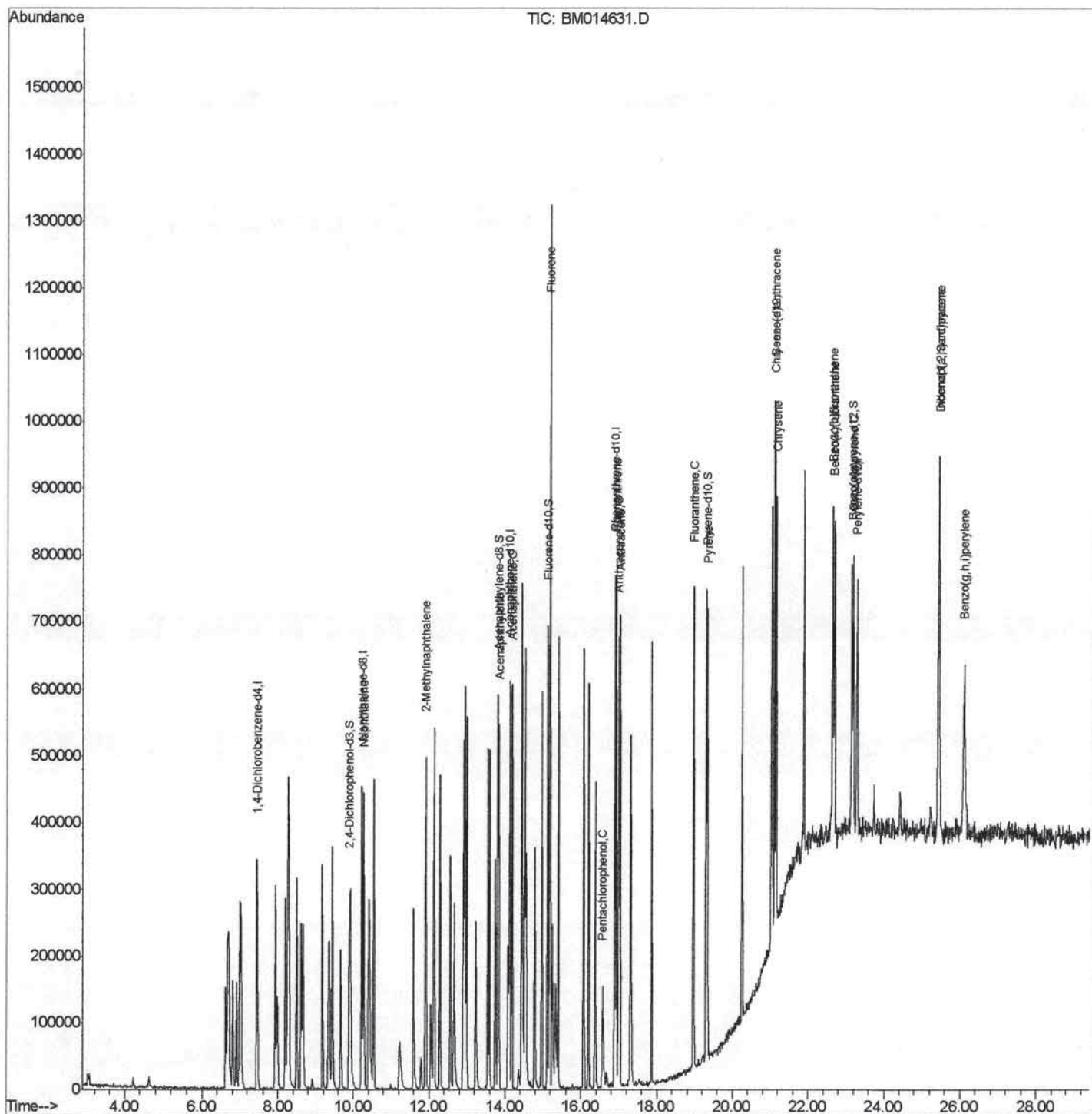
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
Data File : BM014631.D
Acq On : 17 Mar 2018 06:34
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02056

Manual Integrations
APPROVED

Sohil
3/19/2018 2:26:05 PM

Quant Time: Mar 19 01:08:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

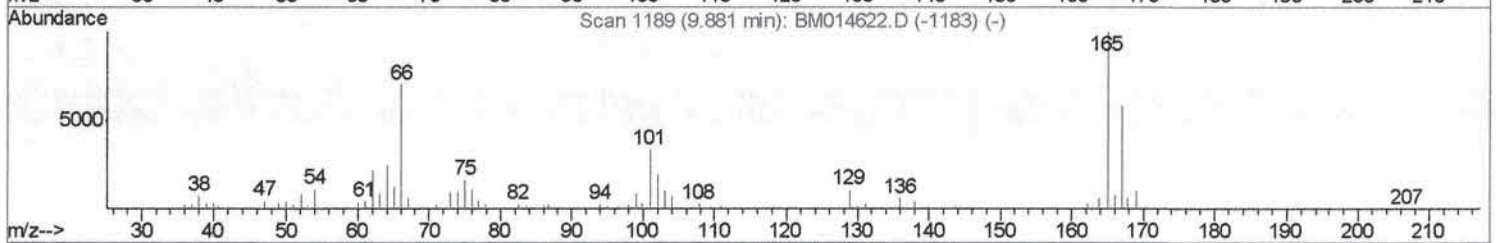
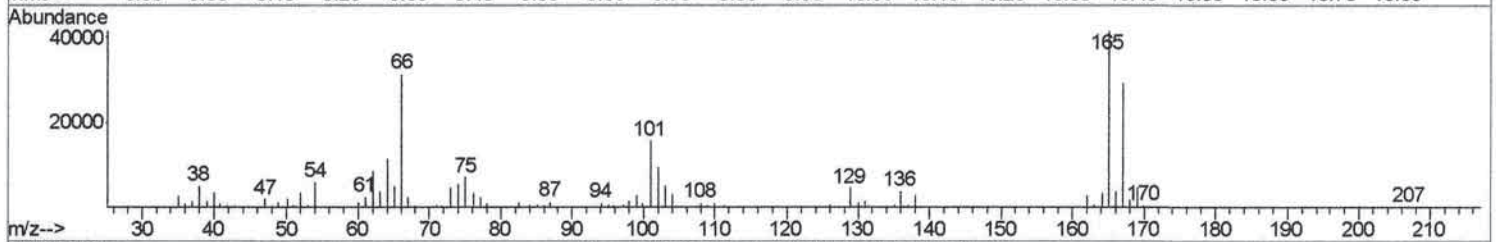
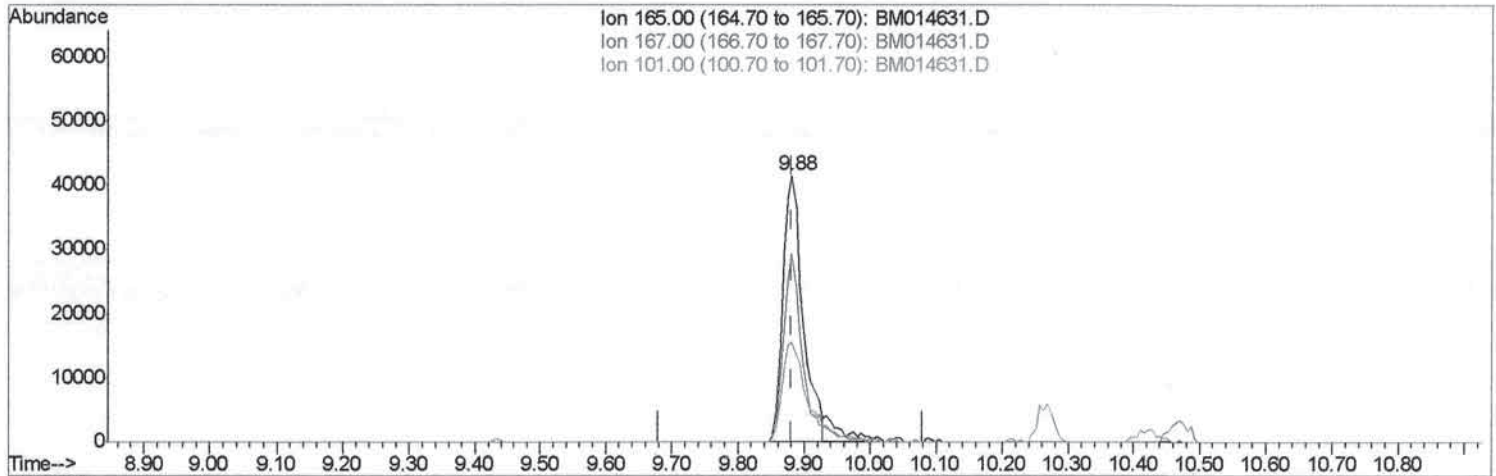
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TIC: BM014631.D

(3) 2,4-Dichlorophenol-d3 (S)

9.880min (-0.000) 18.32ng/ul

response 87224

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	70.82
101.00	29.30	37.82#
0.00	0.00	0.00

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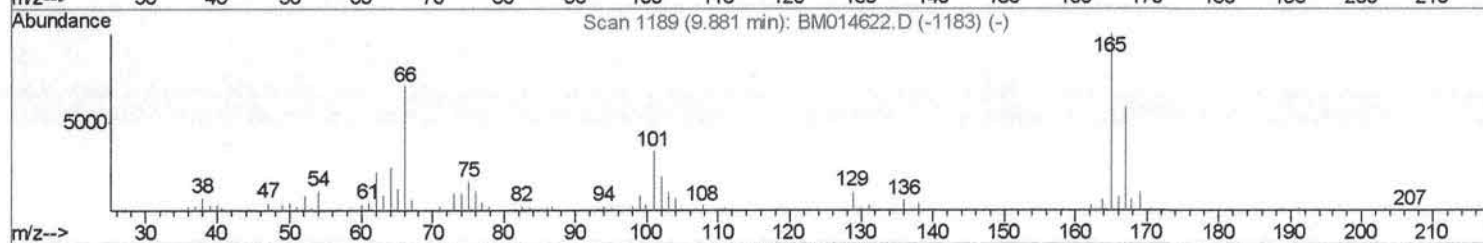
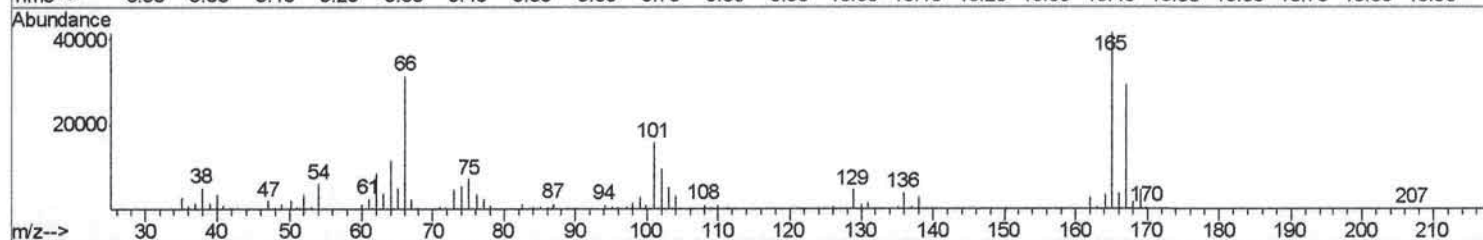
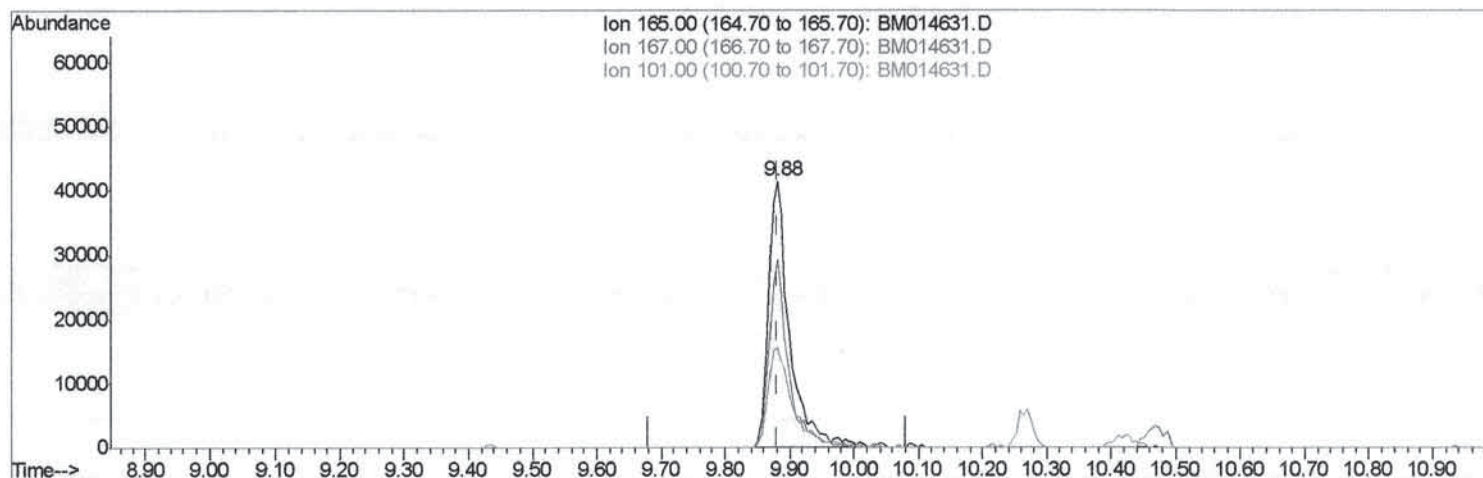
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(3) 2,4-Dichlorophenol-d3 (S)

9.880min (-0.000) 19.66ng/ul m > SJ 3/13/18

response 93597

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	70.82
101.00	29.30	37.82#
0.00	0.00	0.00

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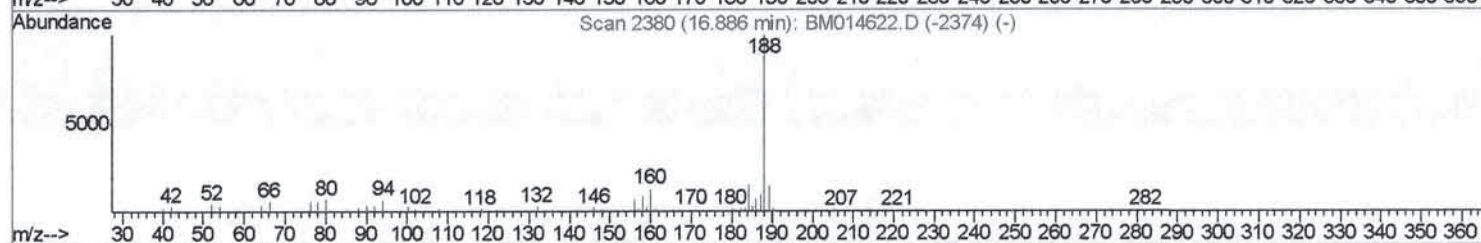
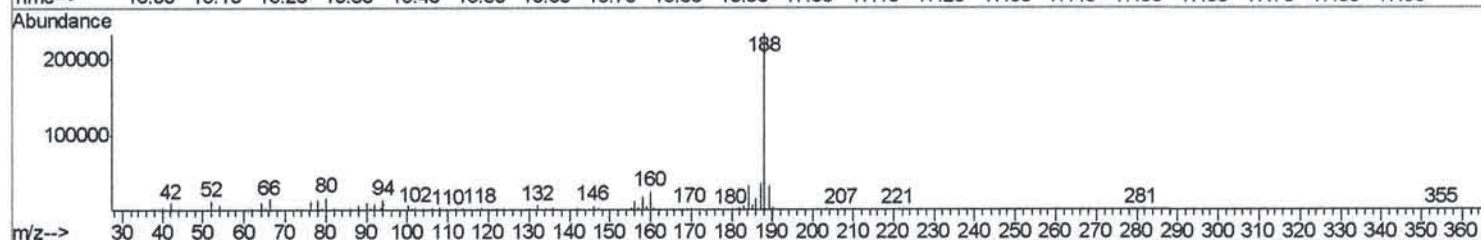
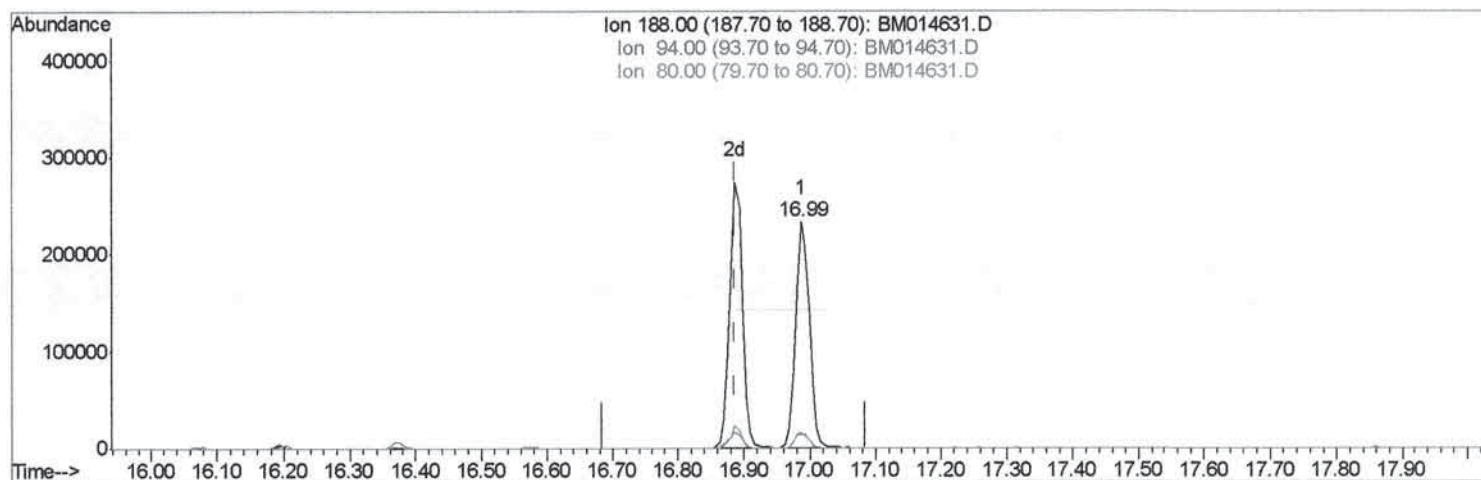
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(12) Phenanthrene-d10 (I)

16.986min (+0.100) 20.00ng/ui

response 335554

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	5.80
80.00	6.60	7.04
0.00	0.00	0.00

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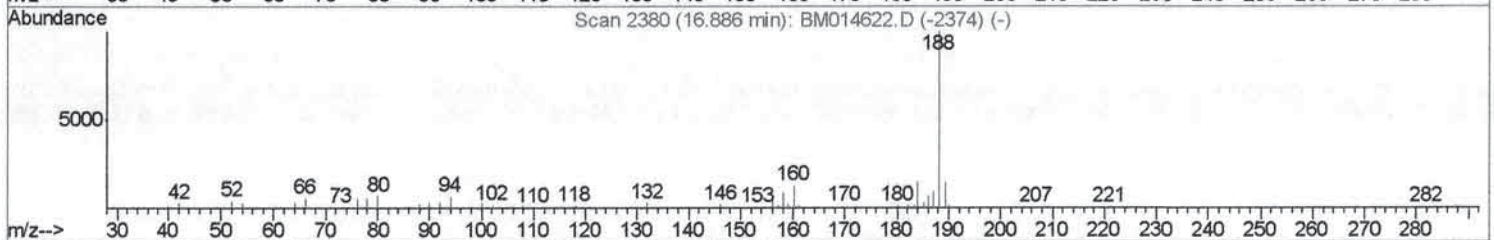
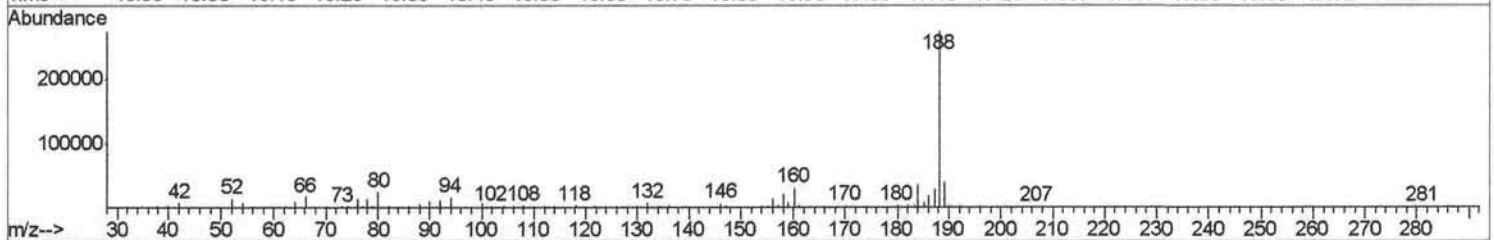
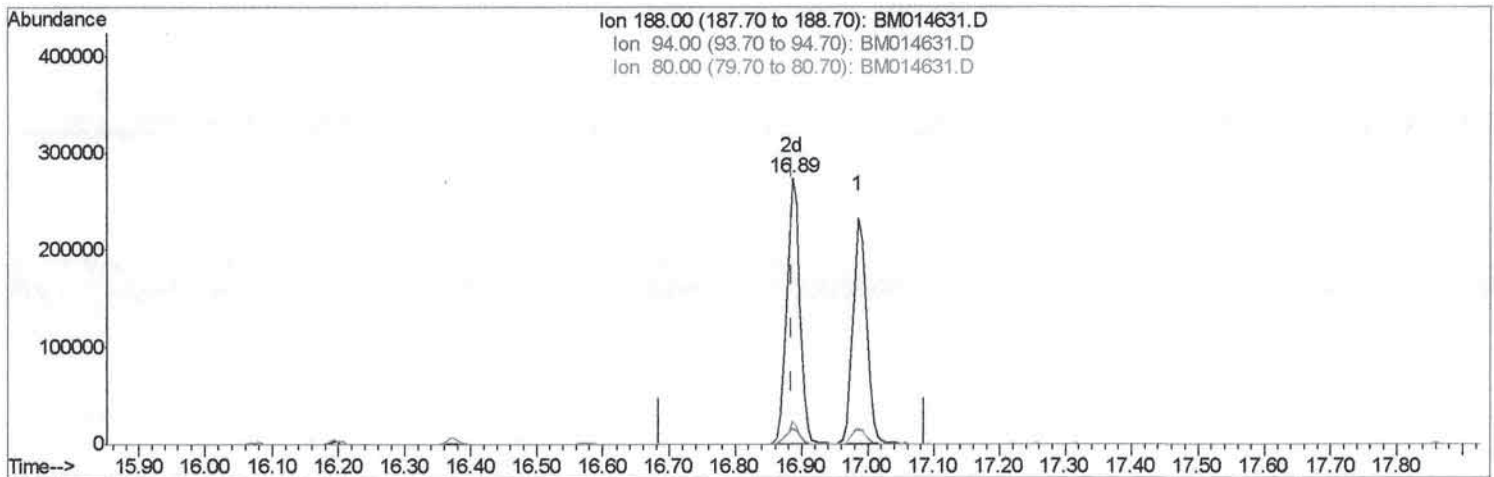
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(12) Phenanthrene-d10 (I)

16.886min (-0.000) 20.00ng/ul m> SJ 3/13/18

response 373393

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	5.90
80.00	6.60	8.73#
0.00	0.00	0.00

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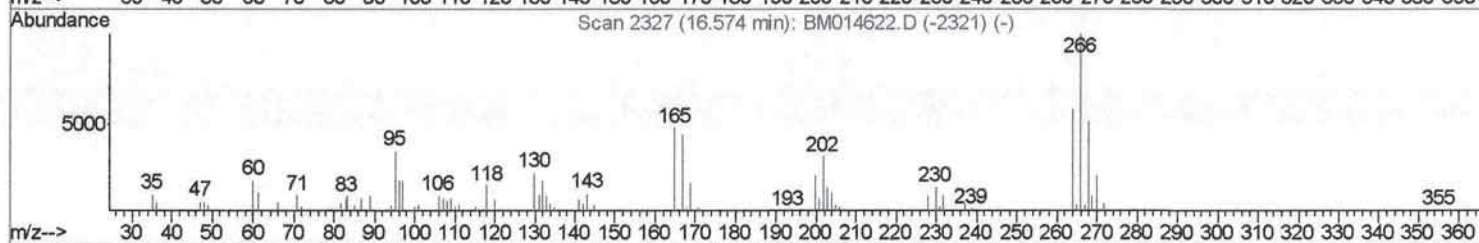
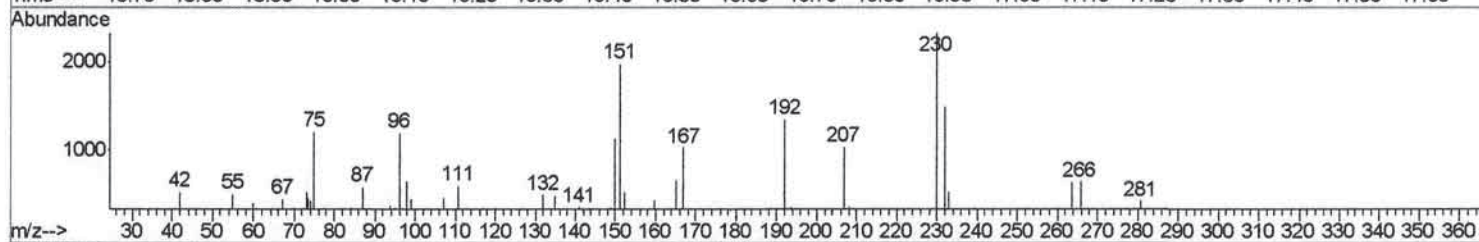
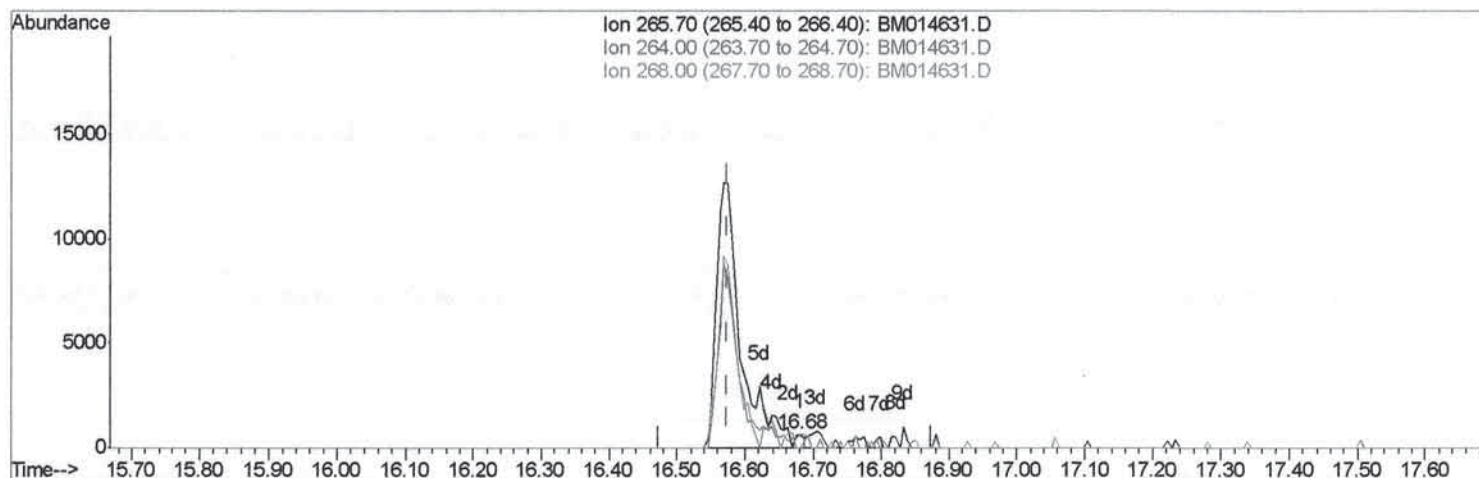
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Quant Time: Mar 19 01:06:12 2018
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TIC: BM014631.D

(13) Pentachlorophenol (C)

16.680min (+0.106) 0.35ng/ul

response 590

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	98.75#
268.00	65.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

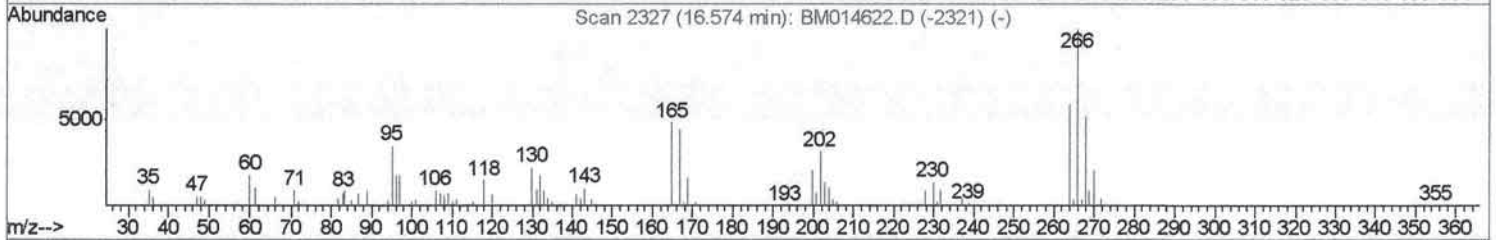
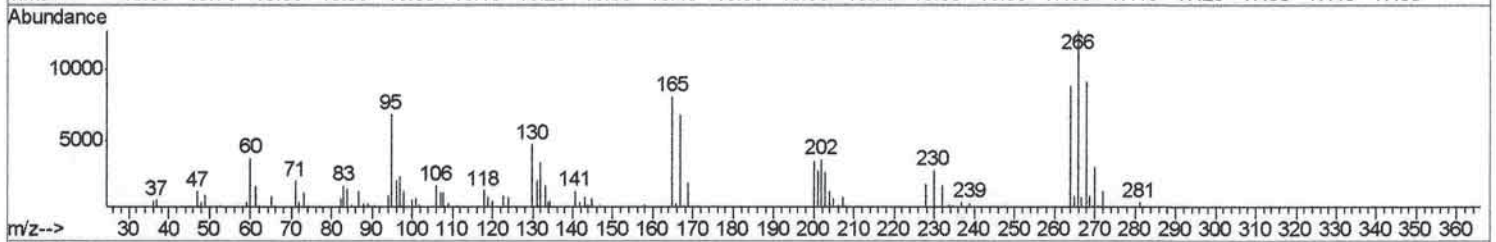
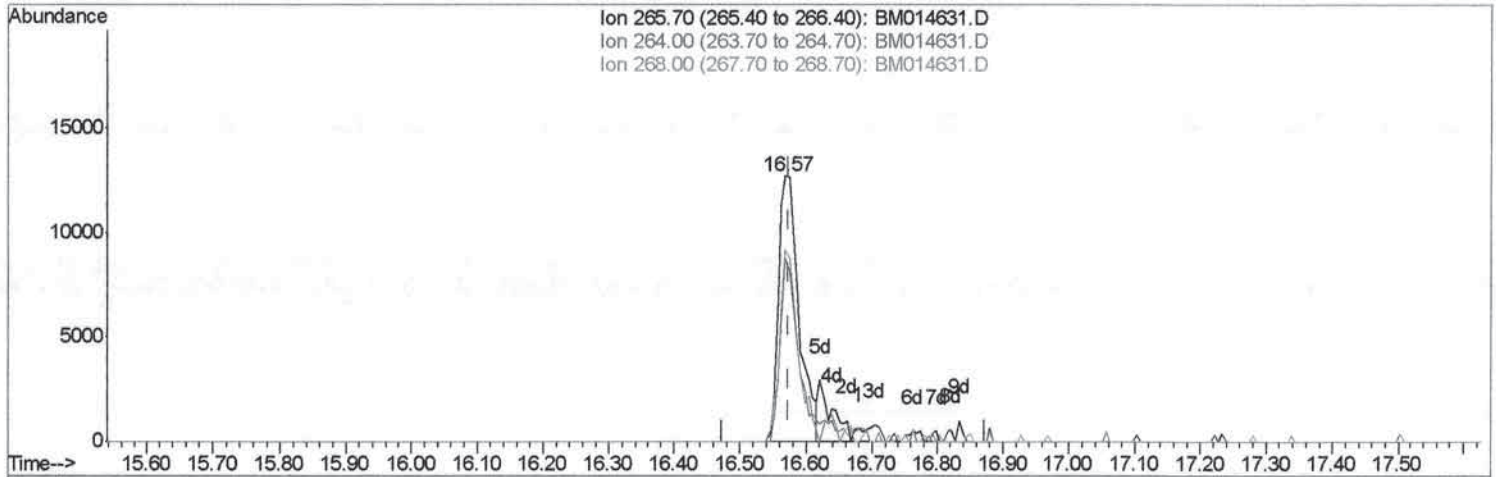
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TIC: BM014631.D

(13) Pentachlorophenol (C)

16.568min (-0.006) 16.01ng/ul m > SJ 3/13/18

response 27366

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	69.25
268.00	65.70	72.08
0.00	0.00	0.00

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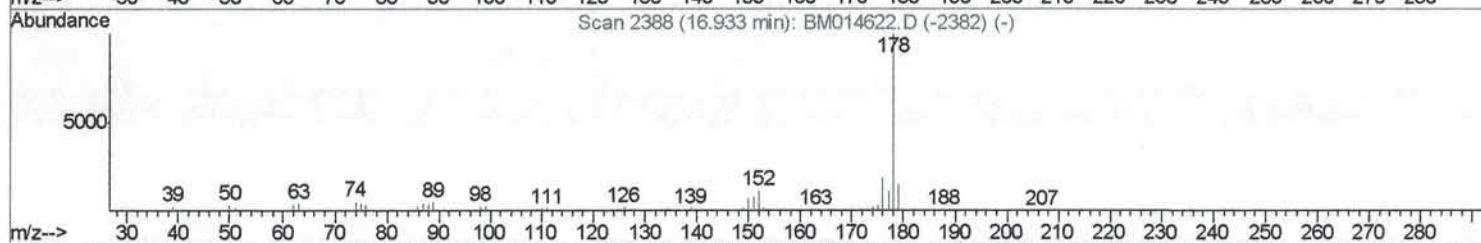
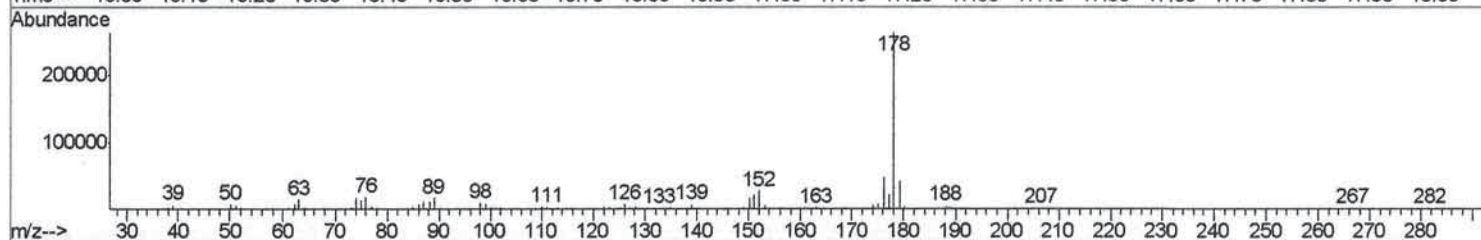
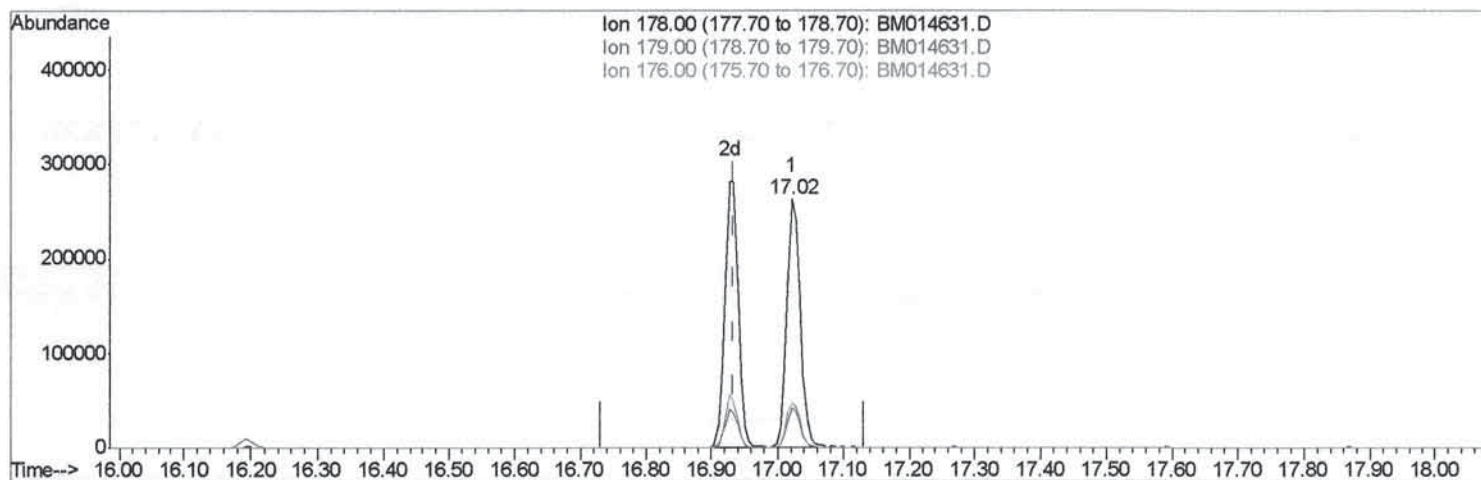
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(14) Phenanthrene

17.021min (+0.088) 17.93ng/ul

response 374970

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.89
176.00	18.60	18.04
0.00	0.00	0.00

Quantitation Report (Qedit)

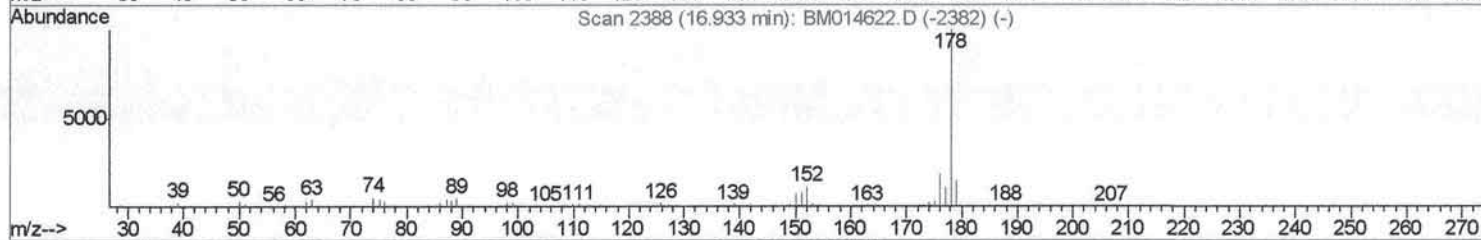
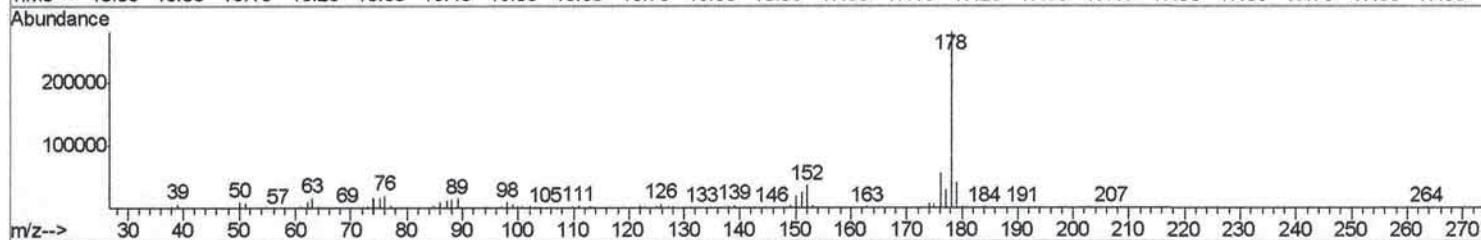
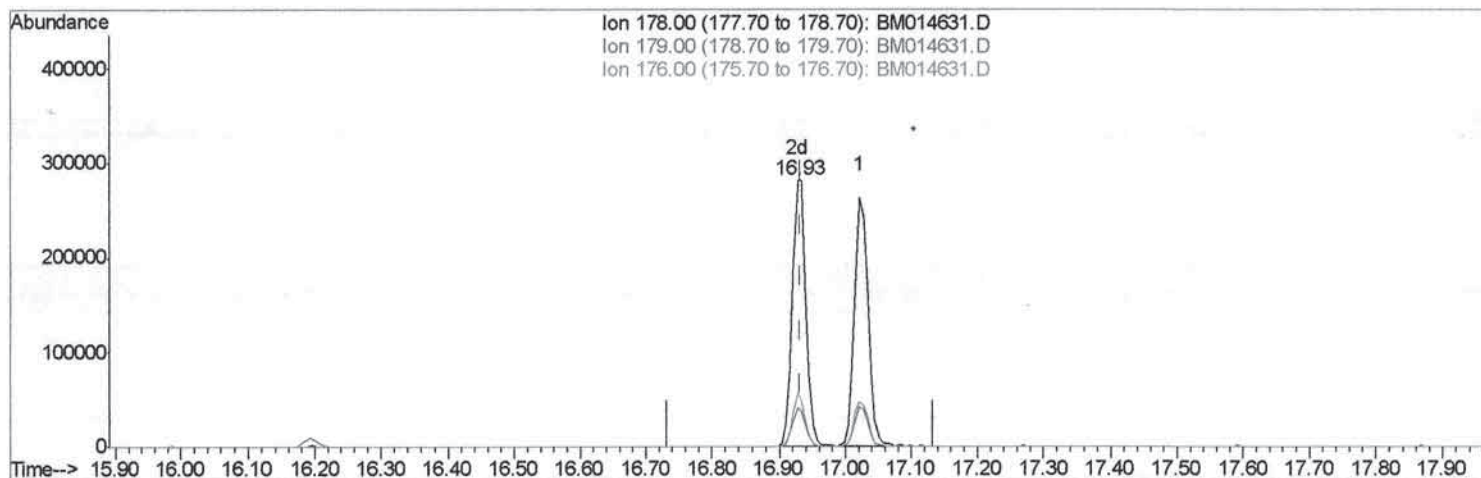
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(14) Phenanthrene

16.927min (-0.006) 18.93ng/ul m) SJ 3/13/18

response 395896

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	14.73
176.00	18.60	20.24
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	7.45	152	75919	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	308003	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	165204	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	373393m)	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	246715	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	238124	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	9.88	165	93597m)	19.66	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	344192	19.49	ng/ul	0.00
10) Fluorene-d10	15.13	176	221575	19.16	ng/ul	0.00
15) Anthracene-d10	16.99	188	335554	18.77	ng/ul	0.00
19) Pvrene-d10	19.30	212	304969	20.56	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	219976	19.10	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	10.27	128	289532	18.508	ng/ul	96
5) 2-Methylnaphthalene	11.90	142	209165	19.109	ng/ul	98
8) Acenaphthylene	13.84	152	323442	19.737	ng/ul	99
9) Acenaphthene	14.18	153	225600	20.115	ng/ul	97
11) Fluorene	15.18	166	260627	19.611	ng/ul	94
13) Pentachlorophenol	16.57	266	27366m)	16.011	ng/ul	
14) Phenanthrene	16.93	178	395896m)	18.932	ng/ul	
16) Anthracene	17.02	178	374168	17.900	ng/ul	98
17) Fluoranthene	18.97	202	405065	17.065	ng/ul	99
20) Pyrene	19.33	202	369082	19.891	ng/ul	98
21) Benzo(a)anthracene	21.10	228	297281	19.054	ng/ul	98
22) Chrysene	21.15	228	270729	18.872	ng/ul	99
24) Benzo(b)fluoranthene	22.63	252	299993	20.038	ng/ul#	99
25) Benzo(k)fluoranthene	22.67	252	264351	18.586	ng/ul	98
27) Benzo(a)pyrene	23.19	252	269631	18.974	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	25.43	276	321712	19.670	ng/ul	98
29) Dibenzo(a,h)anthracene	25.42	278	272622	19.915	ng/ul	100
30) Benzo(a,h,i)perylene	26.09	276	264398	20.294	ng/ul	97

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