

Instrument :
BNA_M
ClientSampleId :
ET0D0

Sohil
11/9/2017 3:48:21 PM

Abundance

TIC: BM012816.D

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dioxane-d8,S

Phenanthrene-d5,S

2-Chlorophenol-d3,S

1,4-Dichlorobenzene-d4,I

4-Methylphenol-d8,S

Nitrobenzene-d5,S

2-Nitrophenol-d4,S

2,4-Dichlorophenol-d3,S

4-Chlorophenol-d3,S

Dimethylphthalate-d8,S

Acenaphthylene-d8,S

Acenaphthene-d8,S

2-Methylphenol-d8,S

Phenanthrene

Fluoranthene-d8,S

Carbazole

Pyrene-d10,S

Fluoranthene-S-

Pyrene

Calyxene-d8,anthracene

Benzofluoranthene

Benzofluoranthene

Benzofluoranthene

Pyrene-d12,S

Dibenzofluoranthene

Benzo[a,h]perylene

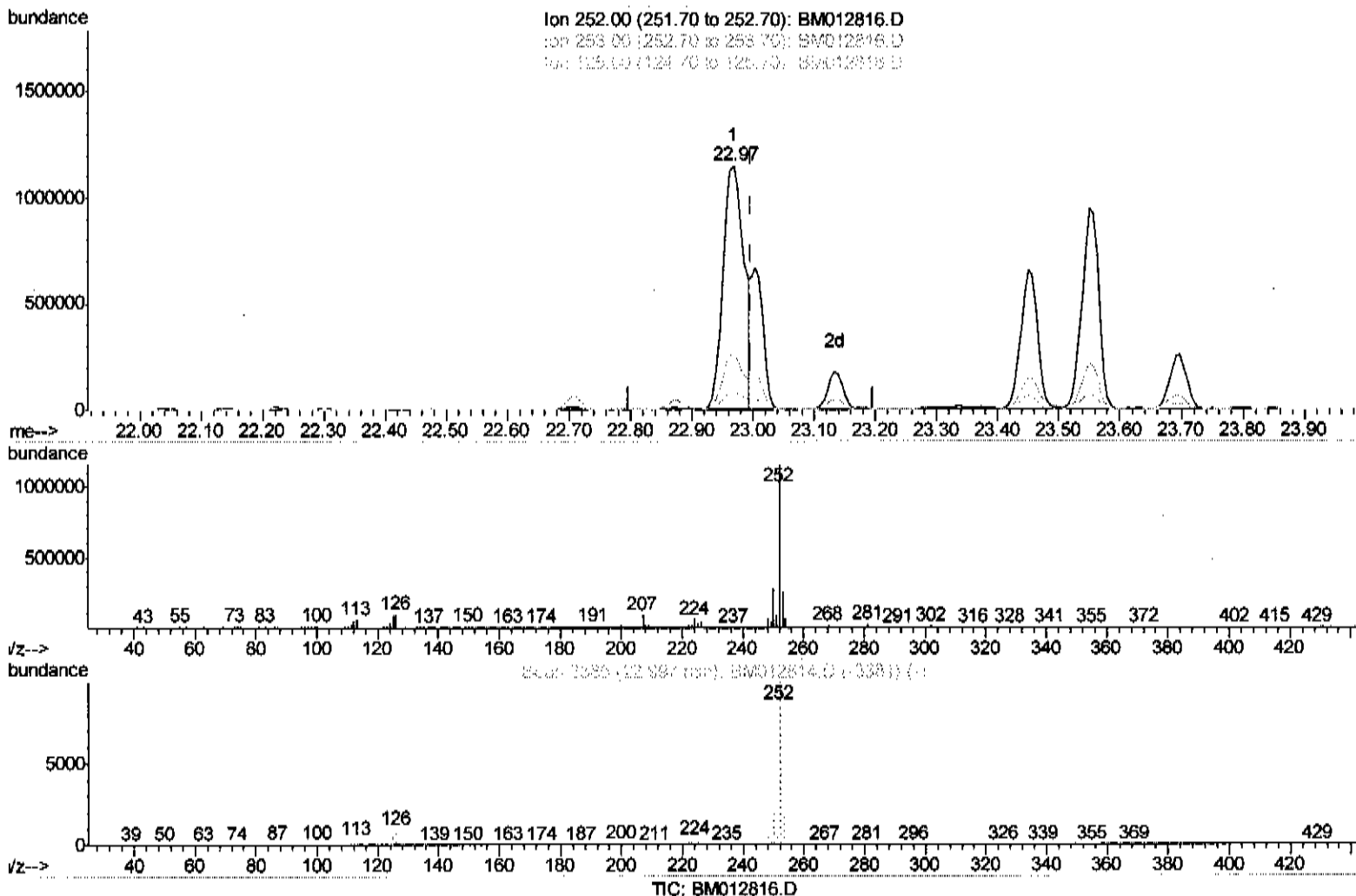
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012816.D
 Acq On : 08 Nov 2017 12:10
 Operator : SJ/JU
 Sample : 6164-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 ETOD0

Manual Integrations
 APPROVED

Sohil
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Quant Time: Nov 09 01:32:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.968min (-0.029) 72.79ng/ul

response 2685102

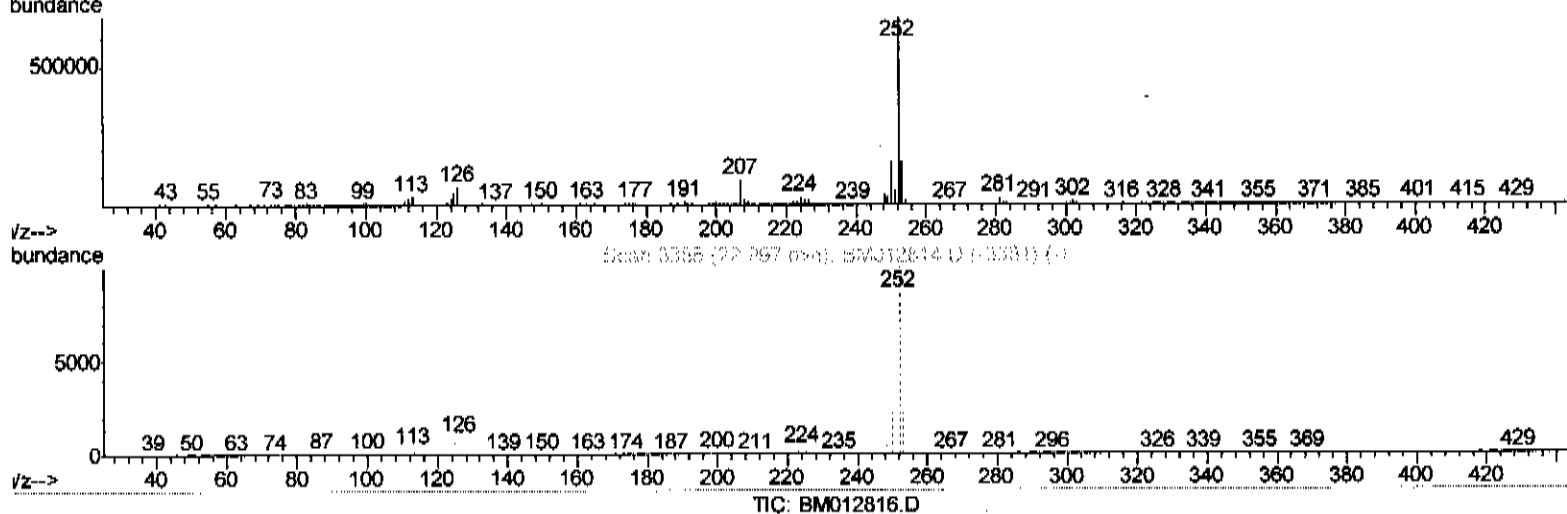
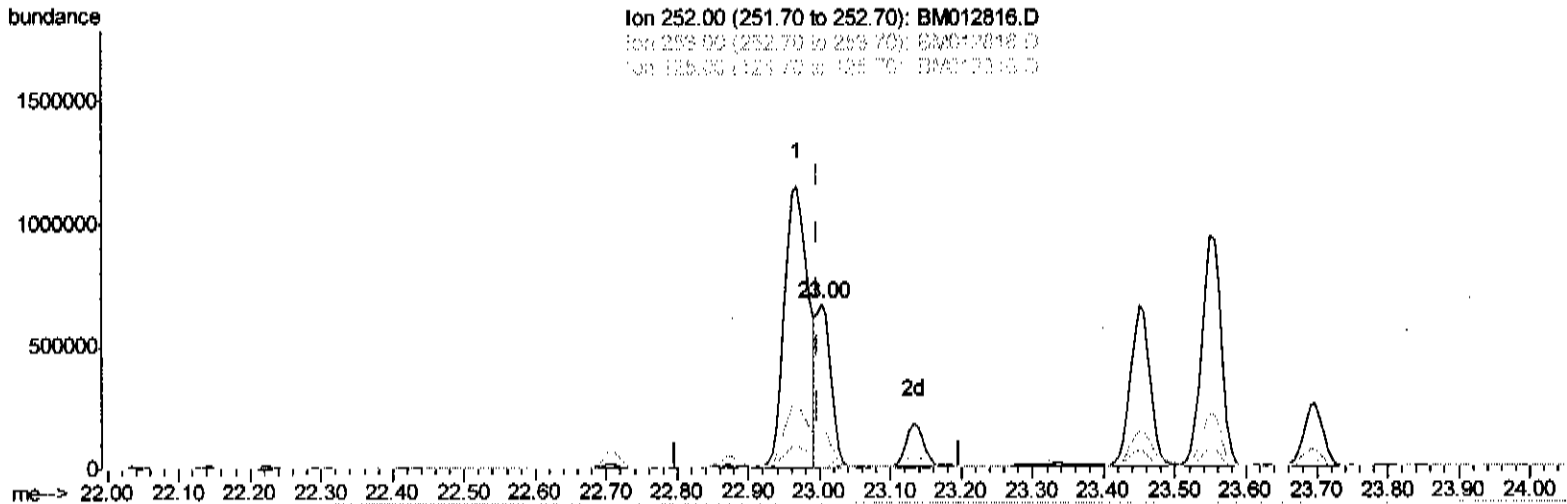
Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.35
125.00	10.20	7.49#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
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 ClientSampled :
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(88) Benzo(k)fluoranthene

23.003min (+0.006) 25.17ng/ul m JU 11/13/17

response 928557

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.88
125.00	10.20	7.18#
0.00	0.00	0.00

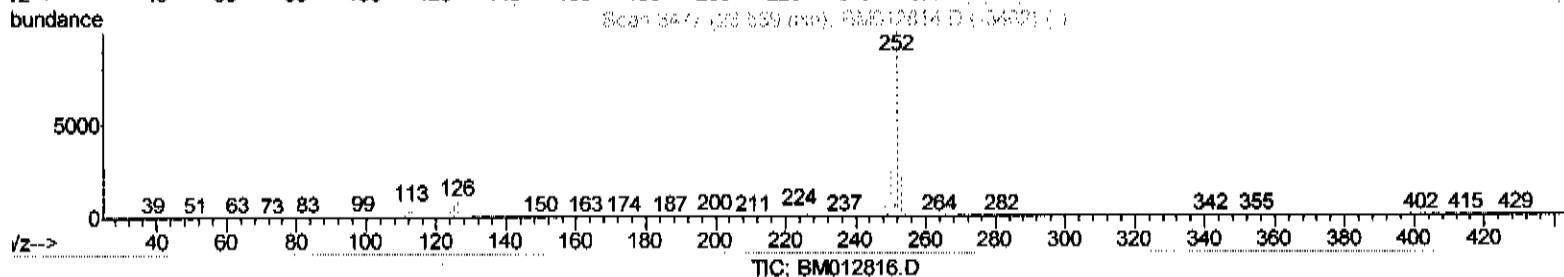
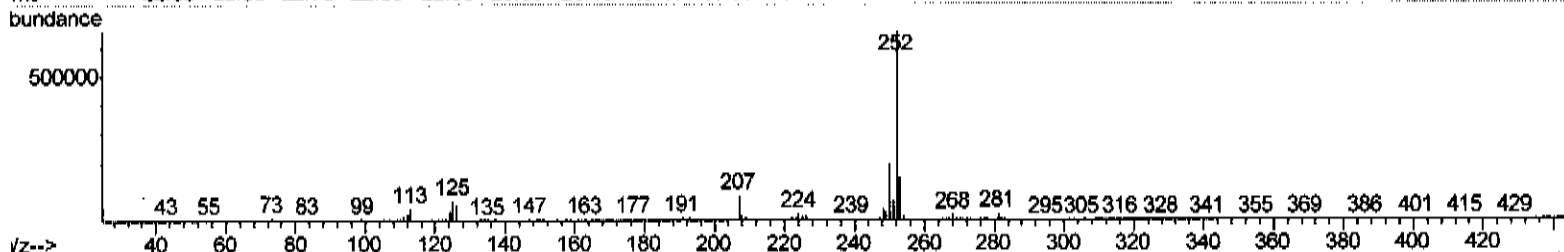
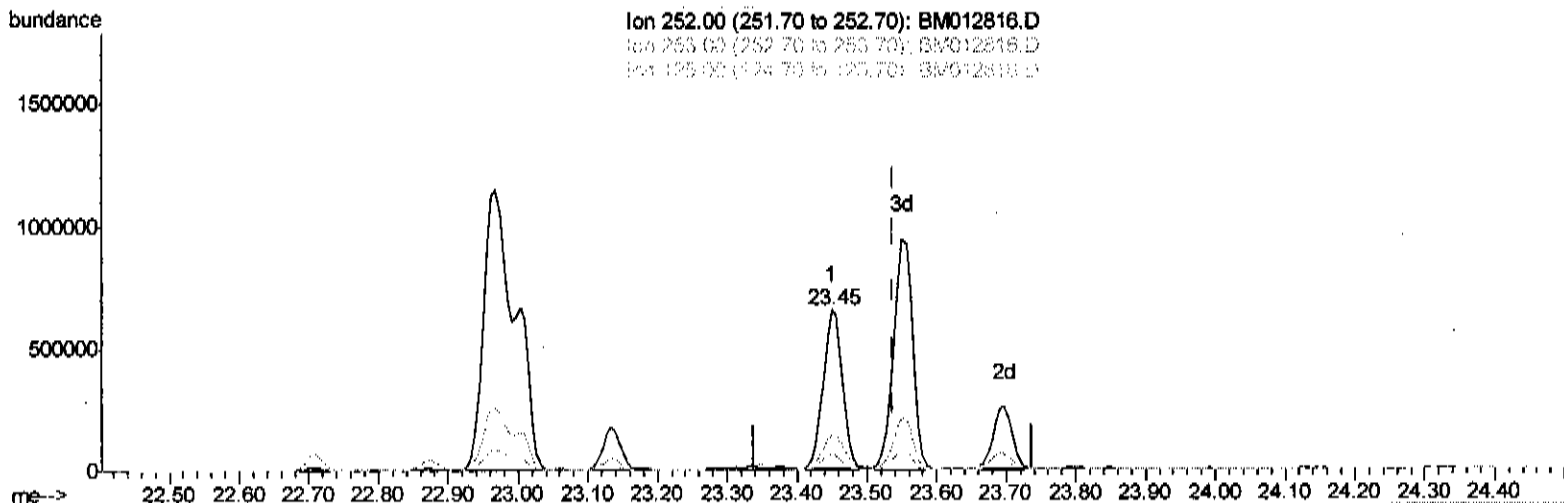
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
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(90) Benzo(a)pyrene (C)

23.450min (-0.088) 33.54ng/ul

response 1238426

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.57
125.00	11.30	10.39
0.00	0.00	0.00

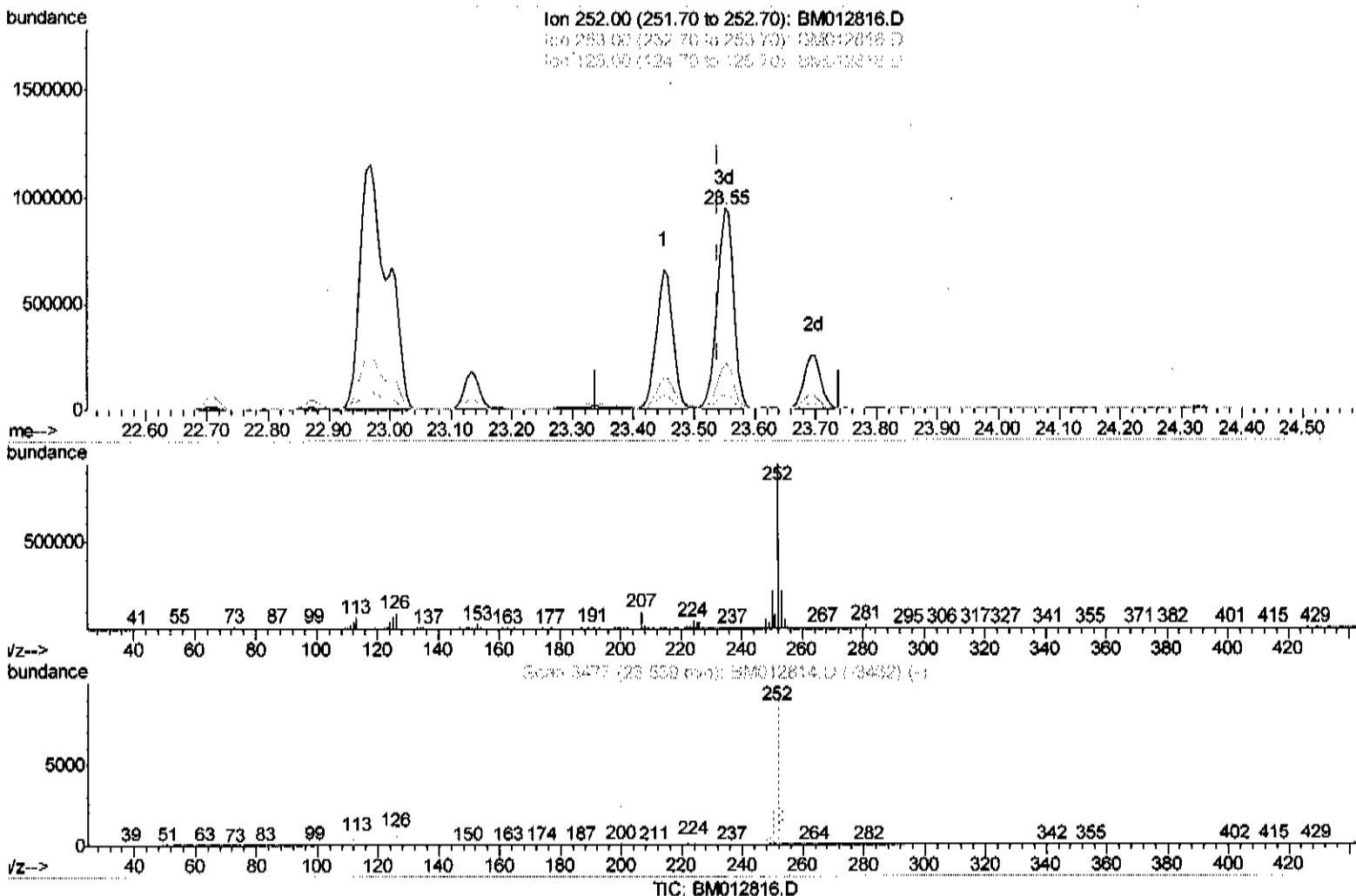
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
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(90) Benzo(a)pyrene (C)

23.550min (+0.012) 48.58ng/ul m

response 1794122

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.96
125.00	11.30	7.47#
0.00	0.00	0.00

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 ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:21 PM

Quant Time: Nov 09 01:44:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	112202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	434332	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	240869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	510942	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	573765	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	635069	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	8591	4.14	ng/uL	0.00
5) Phenol-d5	6.97	99	190397	22.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	108240	23.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	168566	24.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	138539	19.22	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	80793	25.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	94271	25.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	170079	22.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	83959	11.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	510739	25.62	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	614675	24.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	54151	16.96	ng/ul	0.00
57) Fluorene-d10	15.43	176	428449	25.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	46708	13.85	ng/ul	0.00
70) Anthracene-d10	17.28	188	647649	26.24	ng/ul	0.00
78) Pyrene-d10	19.57	212	679956	25.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	798316	26.59	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.00	94	30617	3.57	ng/ul	98
44) Dimethylphthalate	13.89	163	271891	13.75	ng/ul	98
49) Acenaphthene	14.50	153	41708	2.56	ng/ul	98
58) Fluorene	15.49	166	69248	3.51	ng/ul	98
69) Phenanthrene	17.23	178	1413581	50.62	ng/ul	99
71) Anthracene	17.32	178	340941	11.77	ng/ul	99
74) Carbazole	17.59	167	88351	3.66	ng/ul	97
76) Fluoranthene	19.24	202	3636348	108.36	ng/ul#	94
79) Pyrene	19.60	202	2838107	82.91	ng/ul	94
82) Benzo(a)anthracene	21.35	228	1639609	47.22	ng/ul	100
84) Chrysene	21.40	228	1721103	54.70	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	2685102	69.19	ng/ul#	97
88) Benzo(k)fluoranthene	23.00	252	928557m	25.17	ng/ul	} 10 u/13/17
90) Benzo(a)pyrene	23.55	252	1794122m	48.58	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.96	276	1476710	33.18	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.96	278	349876	9.29	ng/ul#	81
93) Benzo(a,h,i)perylene	26.67	276	1283361	34.99	ng/ul#	91

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