

(QT Reviewed)

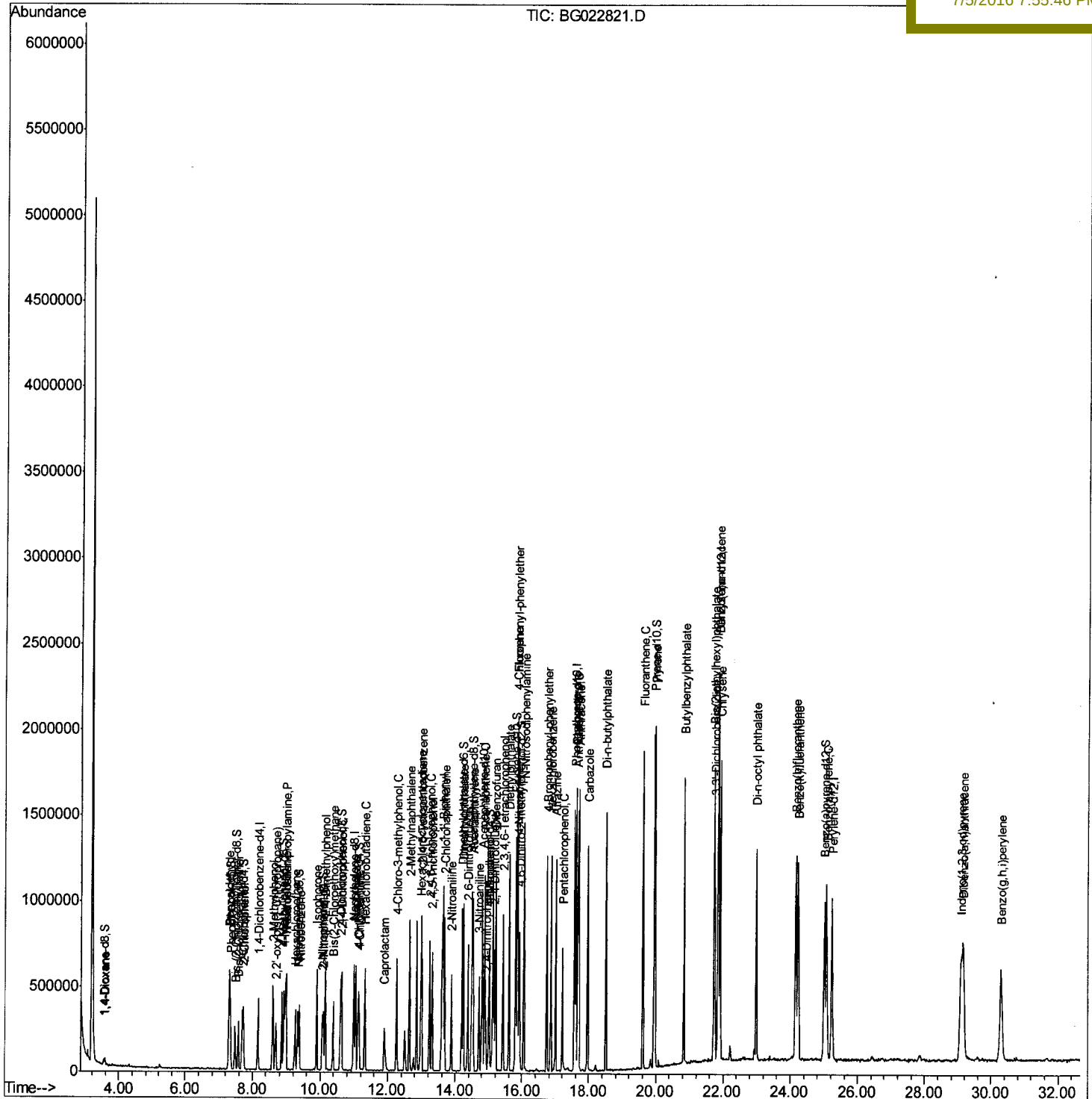
```
Data Path   : Z:\HPCHEM1\BNA G\Data\BG070316\  
Data File  : BG022821.D  
Acq On     : 3 Jul 2016    9:13  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2    Sample Multiplier: 1
```

Quant Time: Jul 04 03:28:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 00:41:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integratio

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Quantitation Report (Qedit)

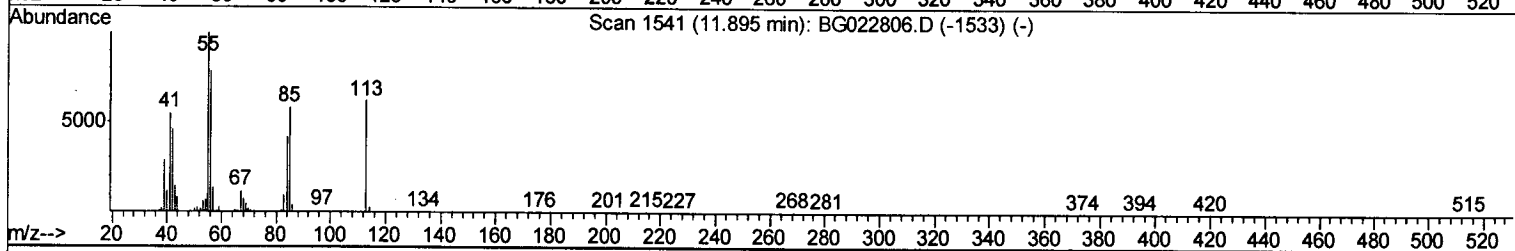
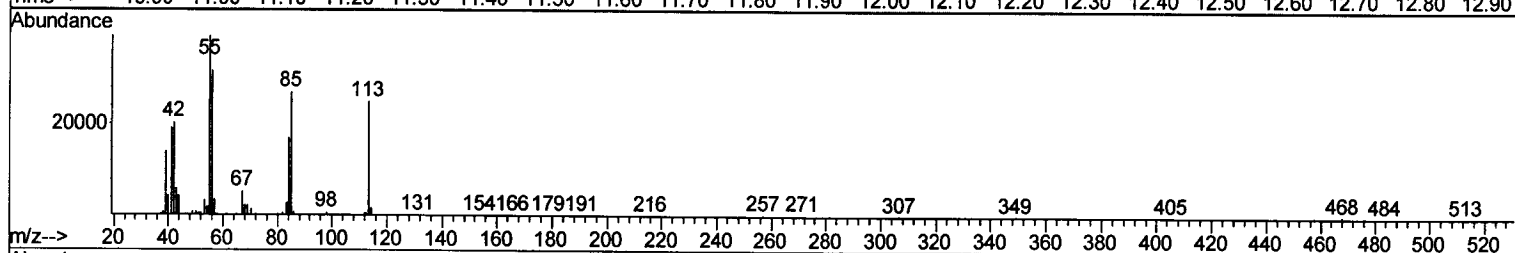
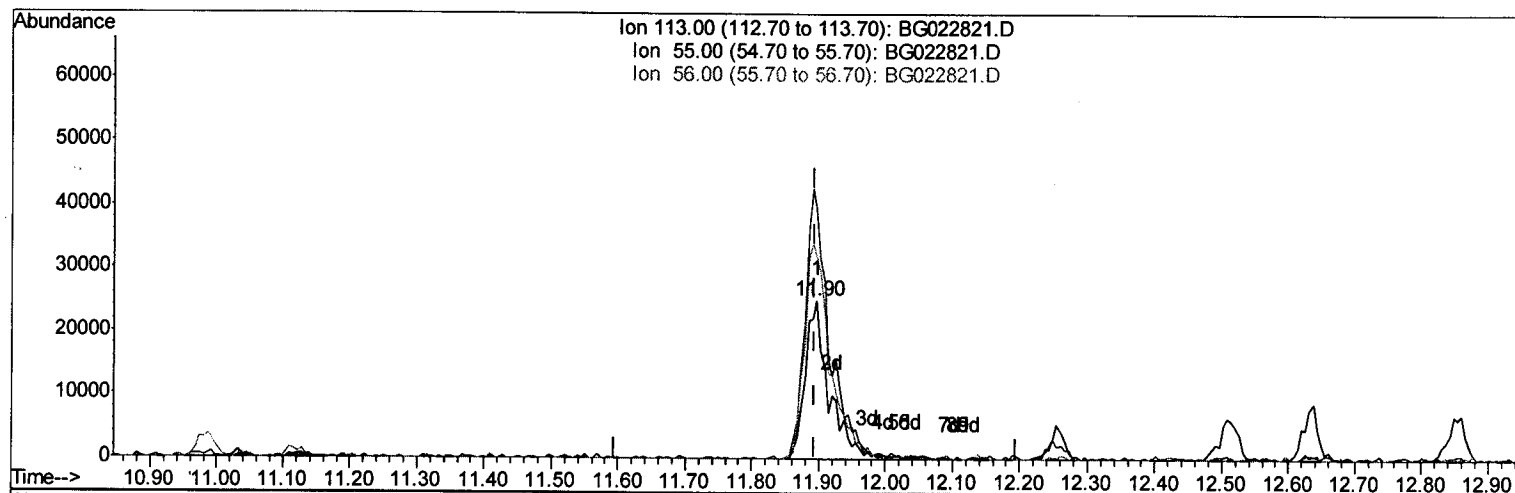
Data Path : Z:\HPCHEM1\BNA G\Data\BG070316\
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integration

Quant Time: Jul 04 03:25:53 2016
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TIC: BG022821.D

(32) Caprolactam

11.897min (+0.002) 19.40ng/ul m U.M

response 62309

07/09/16

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	157.10#
56.00	83.00	127.39#
0.00	0.00	0.00

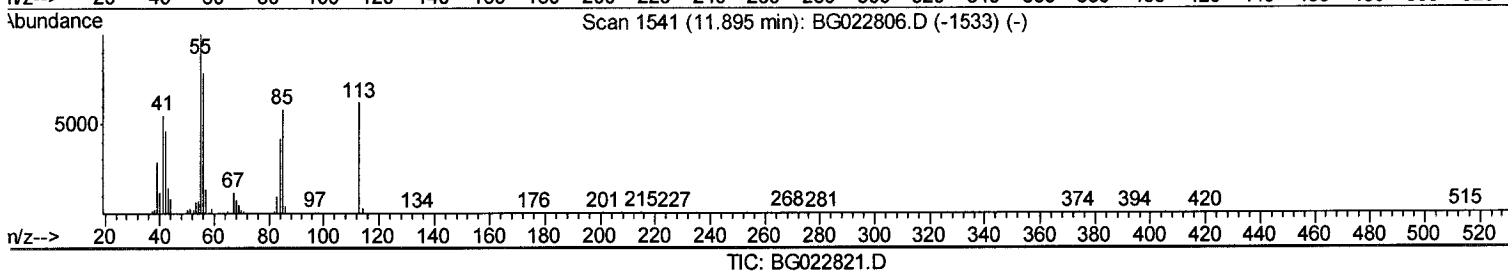
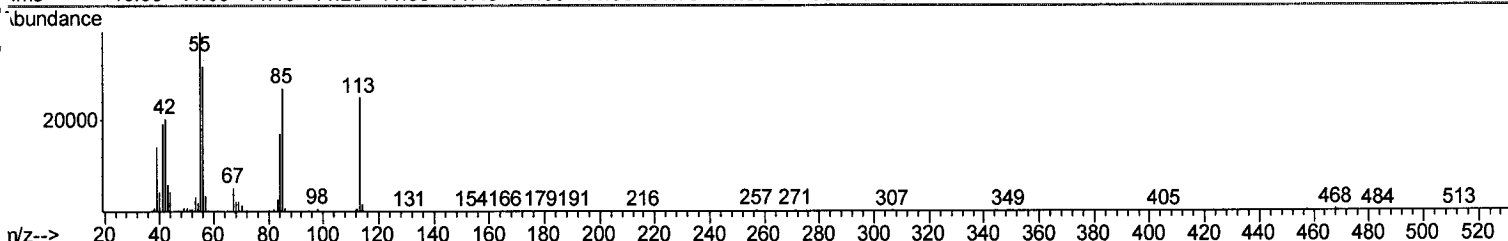
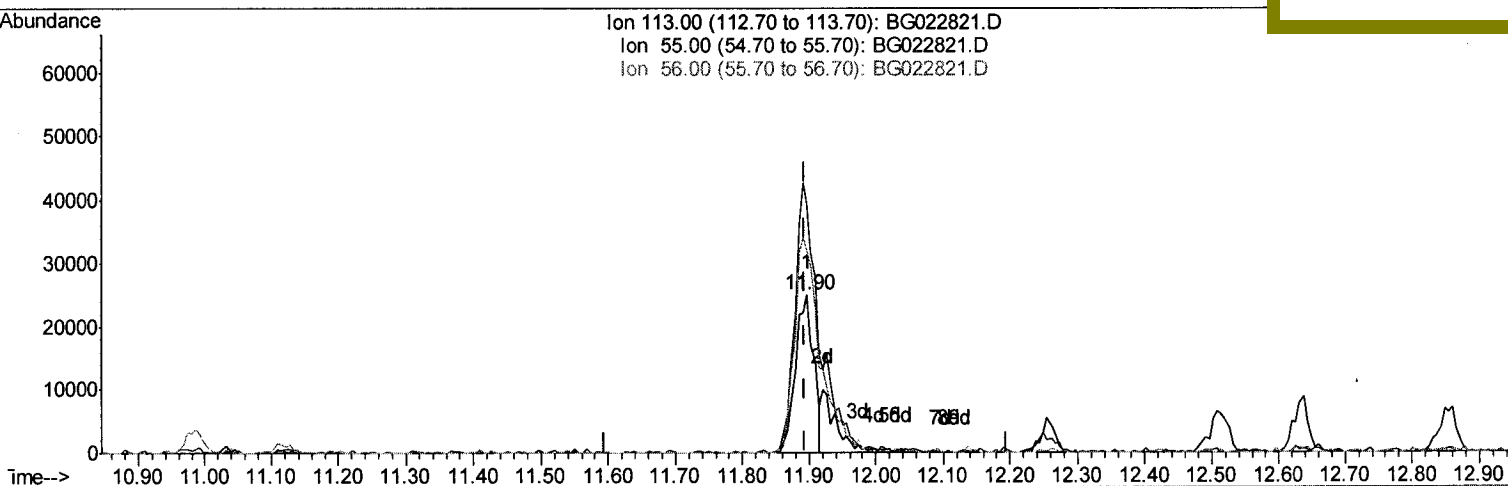
Data Path : Z:\HPCHEM1\BNA G\Data\BG070316\
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Operator : UM/SJ
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Misc :
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(32) Caprolactam

11.897min (+0.002) 14.60ng/ul

response 46892

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	157.10#
56.00	83.00	127.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

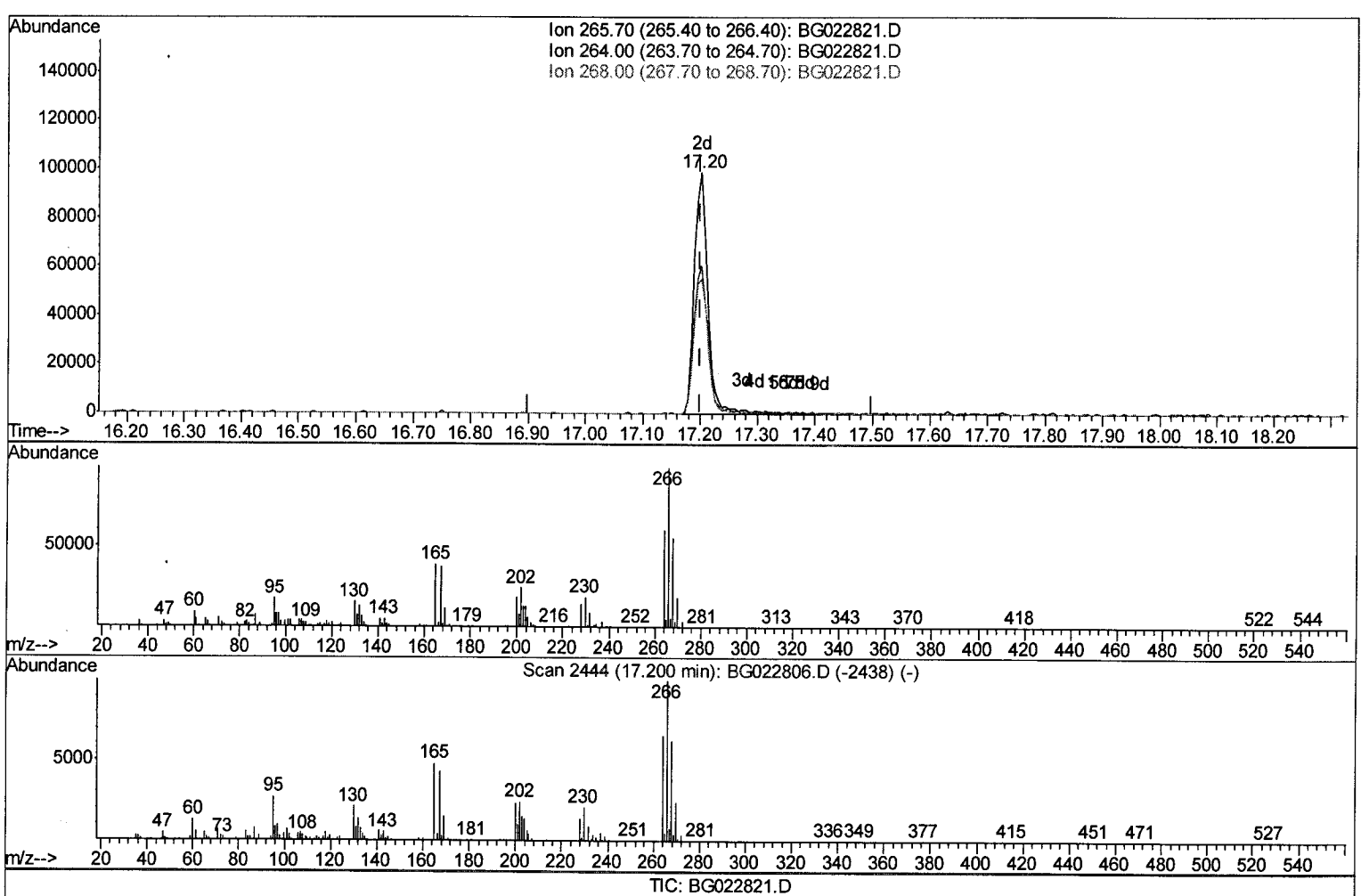
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(68) Pentachlorophenol (C)

17.202min (+0.002) 20.43ng/ul m

response 156732

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	61.15
268.00	72.30	56.05#
0.00	0.00	0.00

U.M
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Quantitation Report (Qedit)

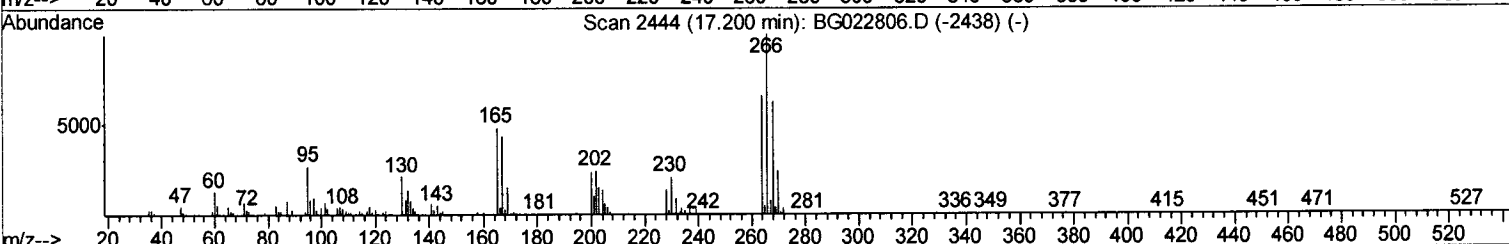
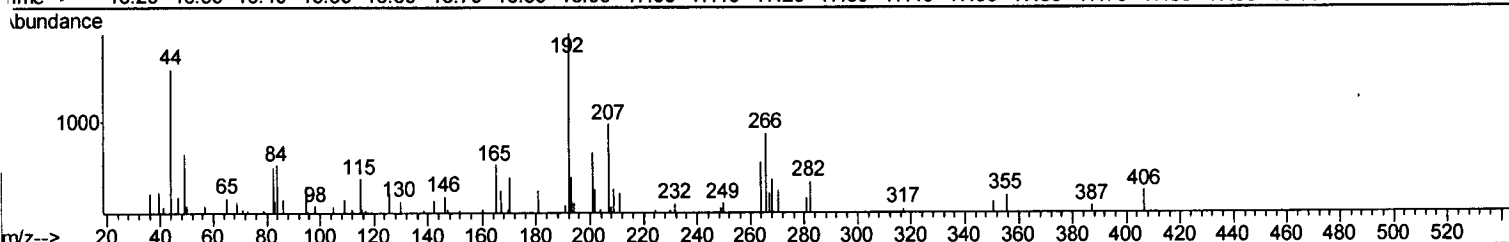
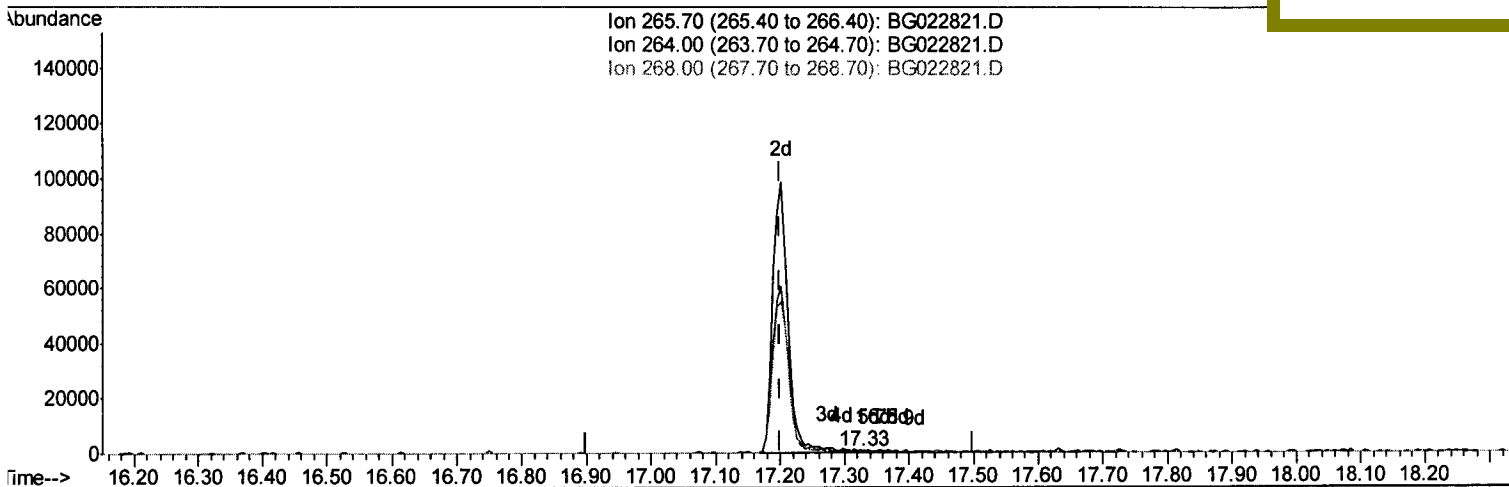
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TIC: BG022821.D

(68) Pentachlorophenol (C)

17.326min (+0.126) 0.08ng/ul

response 642

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	70.77
268.00	72.30	70.99
0.00	0.00	0.00

Quantitation Report (Qedit)

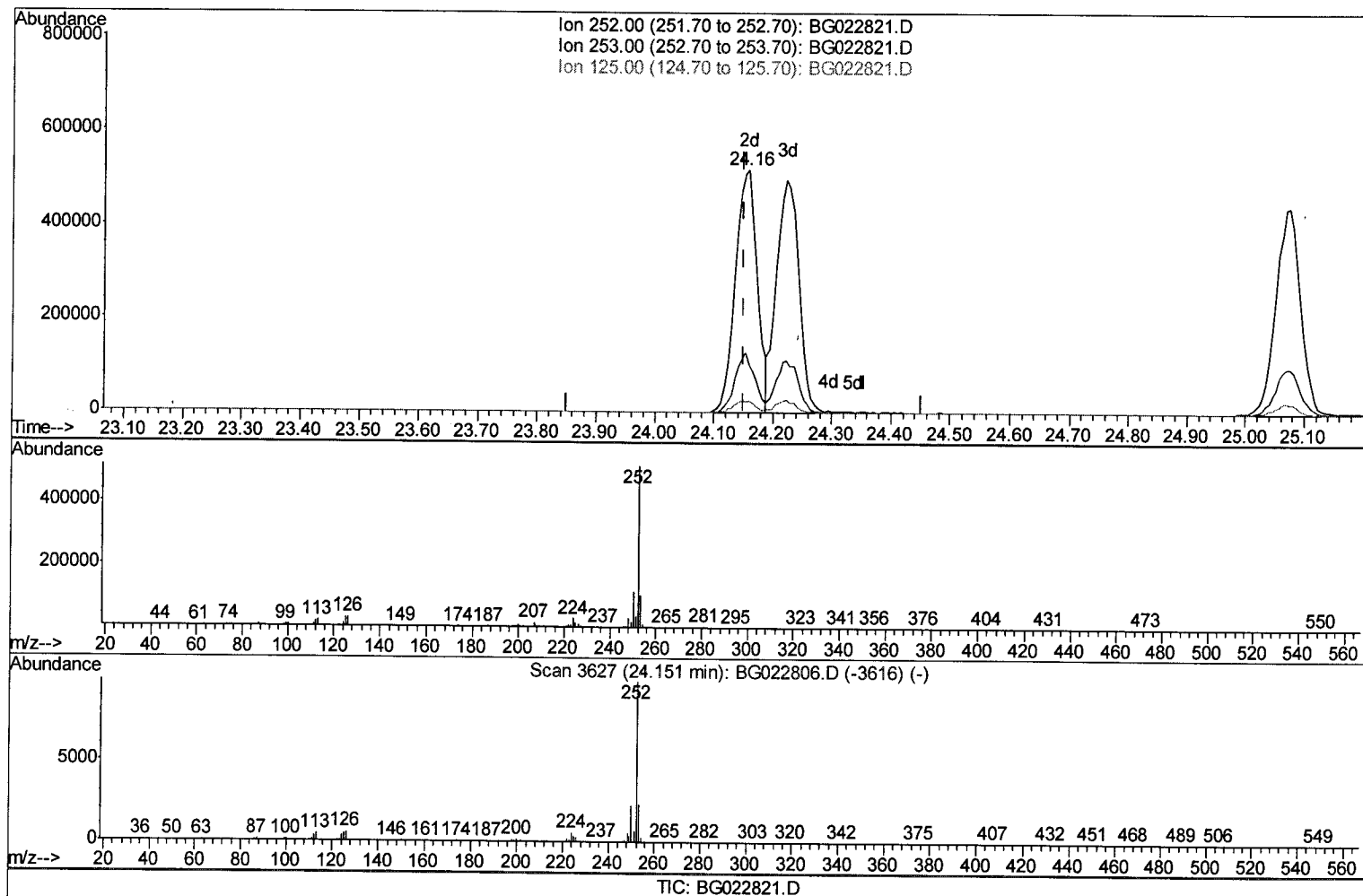
Data Path : Z:\HPCHEM1\BNA G\Data\BG070316\
 Data File : BG022821.D
 Acq On : 3 Jul 2016 9:13
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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(85) Benzo(b)fluoranthene

24.159min (+0.008) 19.73ng/ul m U.M

response 1343754

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	20.24
125.00	13.50	5.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

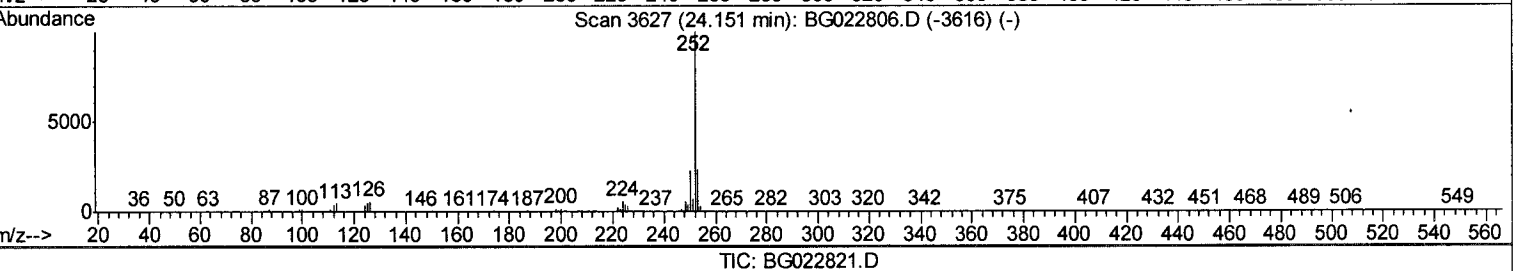
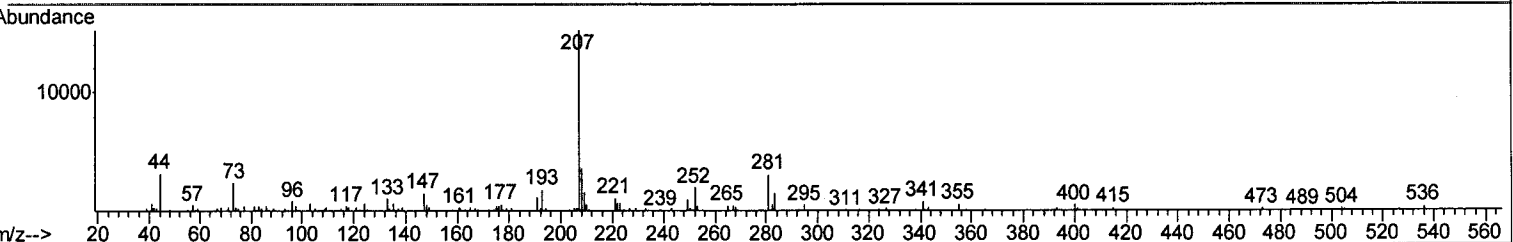
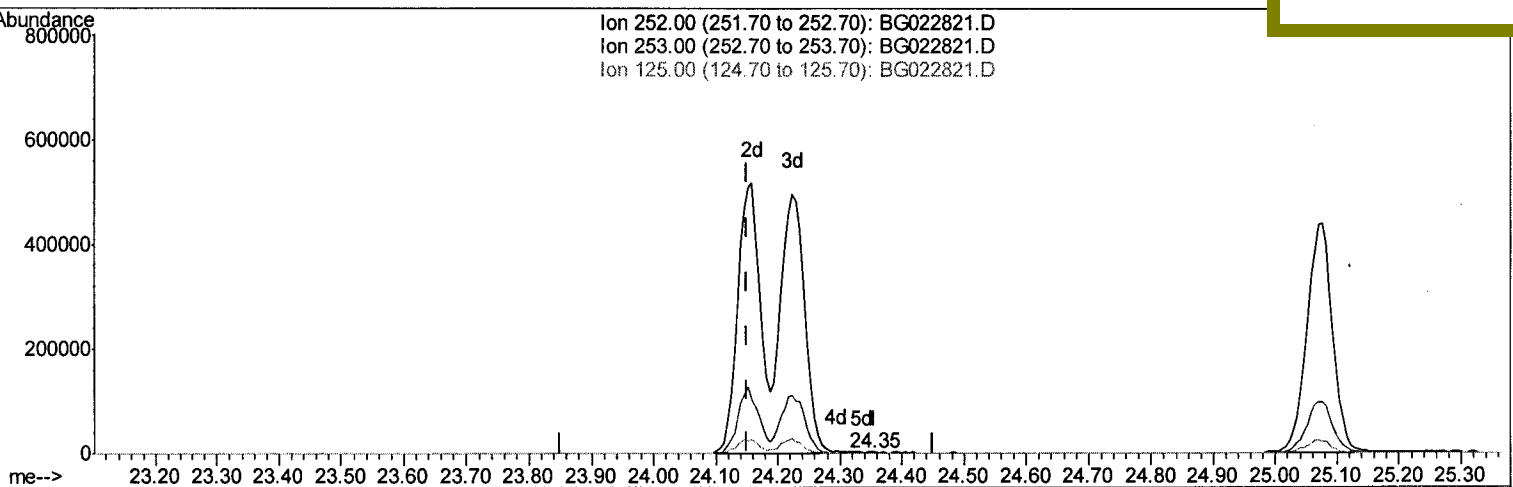
Data Path : Z:\HPCHEM1\BNA G\Data\BG070316\
Data File : BG022821.D
Acq On : 3 Jul 2016 9:13
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integration

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(85) Benzo(b)fluoranthene

24.353min (+0.202) 0.02ng/ul

response 1475

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.83
125.00	13.50	13.18
0.00	0.00	0.00

Quantitation Report (Qedit)

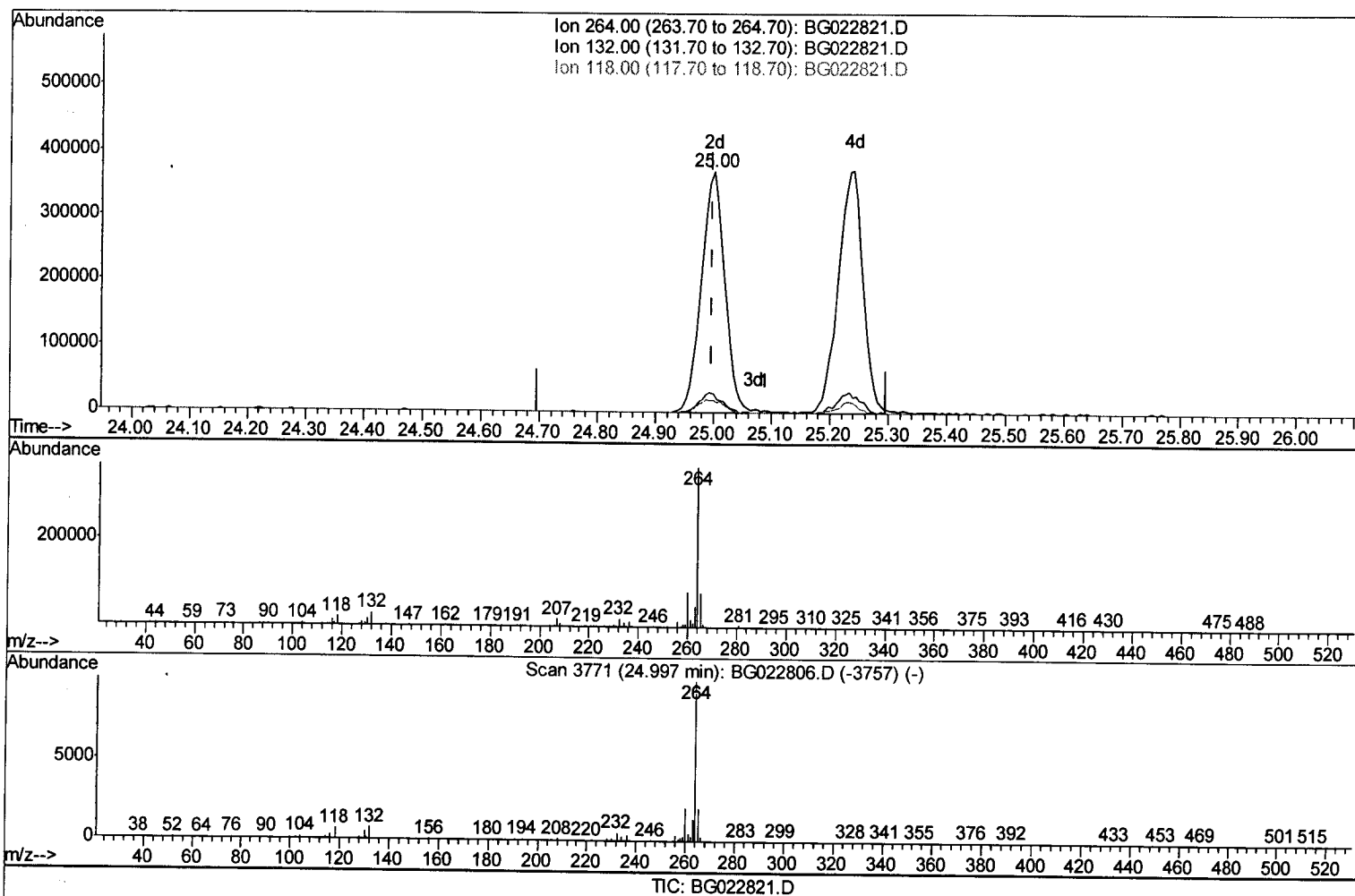
Data Path : Z:\HPCHEM1\BNA G\Data\BG070316\
Data File : BG022821.D
Acq On : 3 Jul 2016 9:13
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02017

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(87) Benzo(a)pyrene-d12 (S)

24.999min (+0.002) 19.84ng/ul m U.M

response 1027199

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	7.80#
118.00	11.60	5.22#
0.00	0.00	0.00

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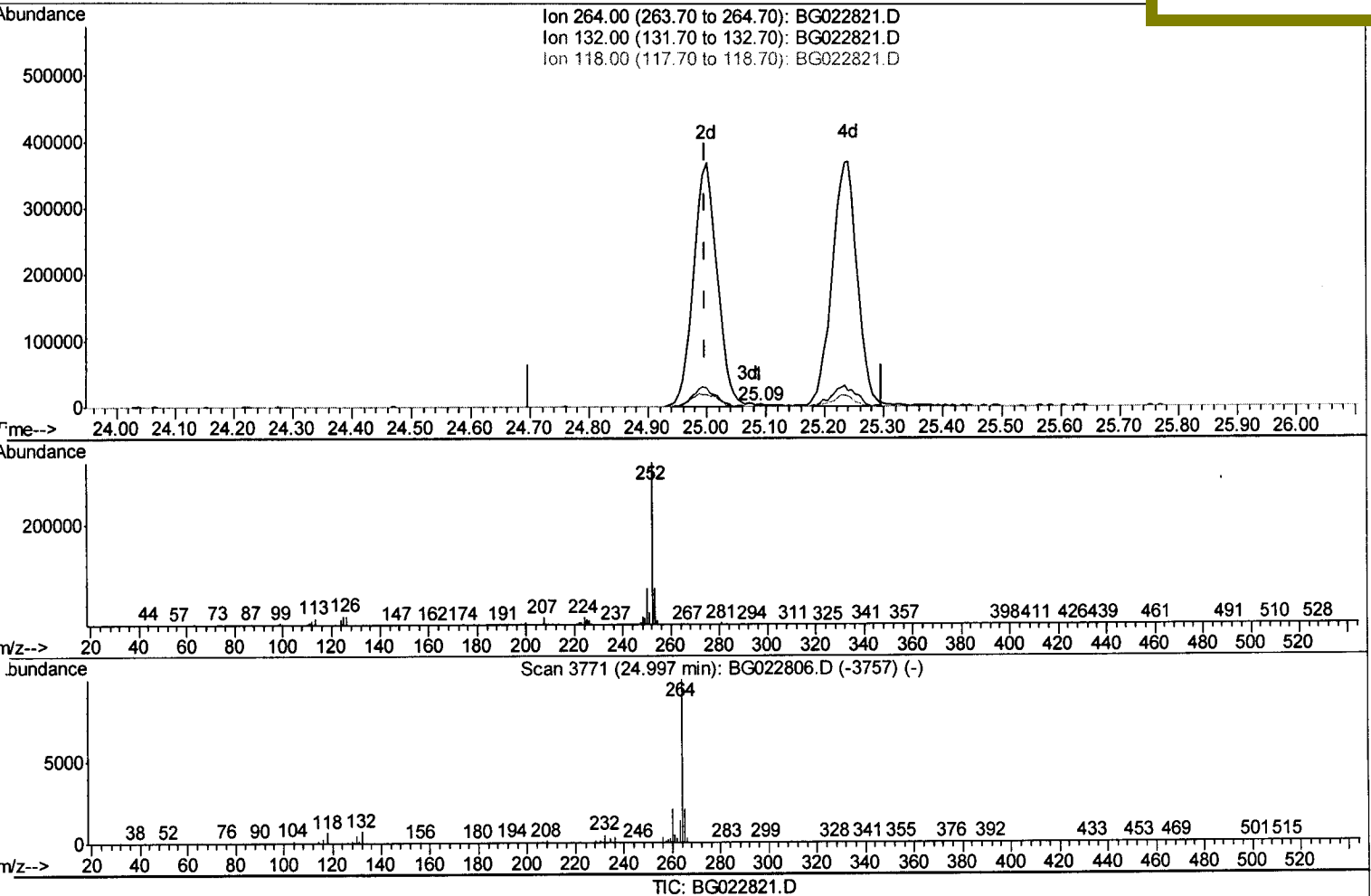
Data Path : Z:\HPCHEM1\BNA G\Data\BG070316\
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Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integration

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(87) Benzo(a)pyrene-d12 (S)

25.087min (+0.090) 0.02ng/ul

response 1288

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	23.14
118.00	11.60	12.07
0.00	0.00	0.00

Quantitation Report (Qedit)

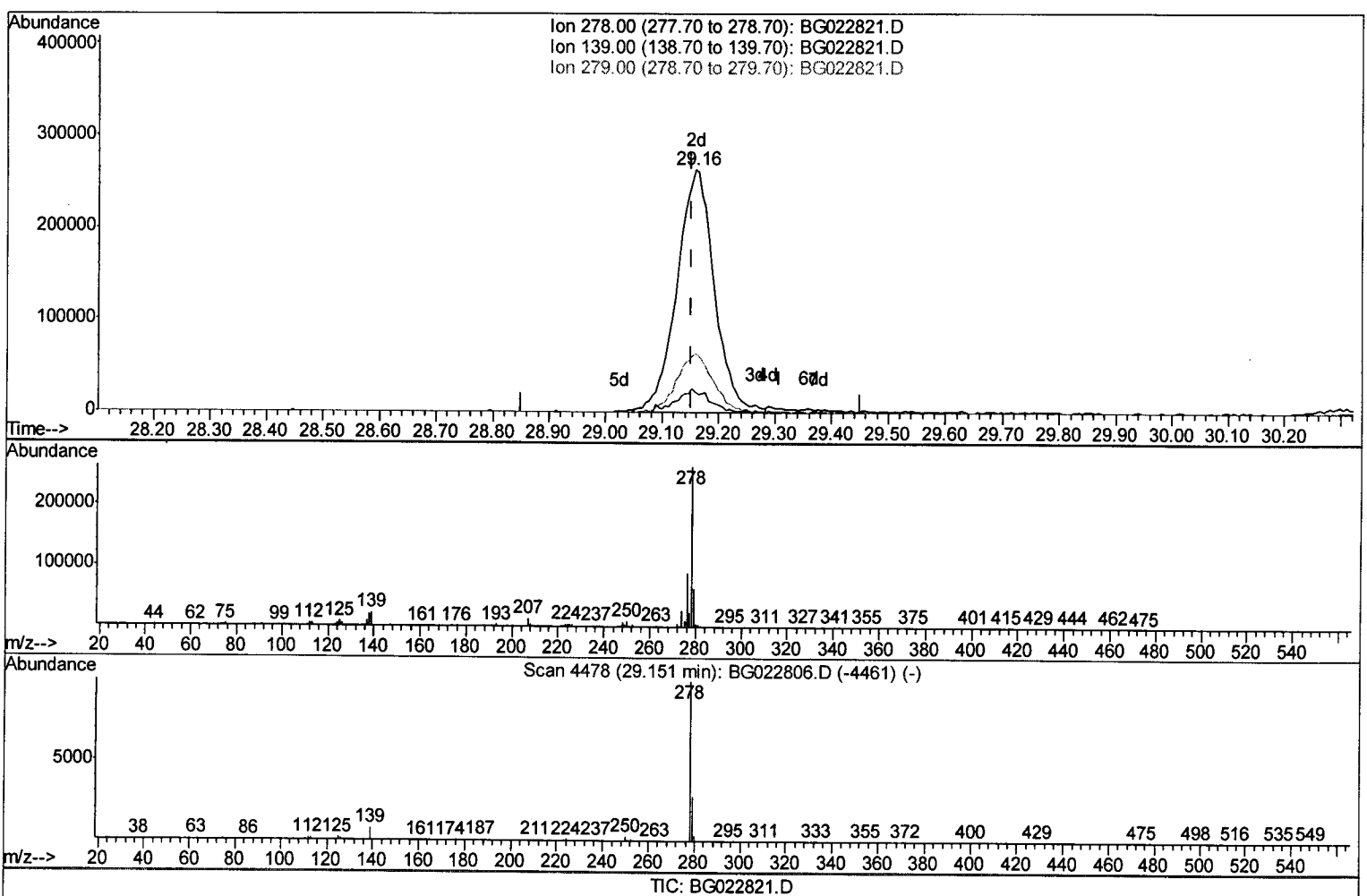
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleID :
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(90) Dibenzo(a,h)anthracene

29.159min (+0.008) 21.37ng/ul m U.M

response 1208624

Ion Exp% Act%

278.00 100 100

139.00 20.40 8.40#

279.00 23.90 24.24

0.00 0.00 0.00

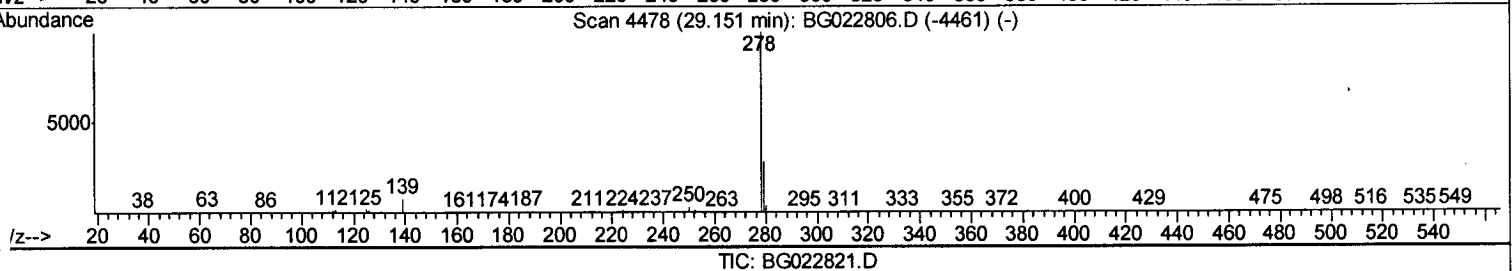
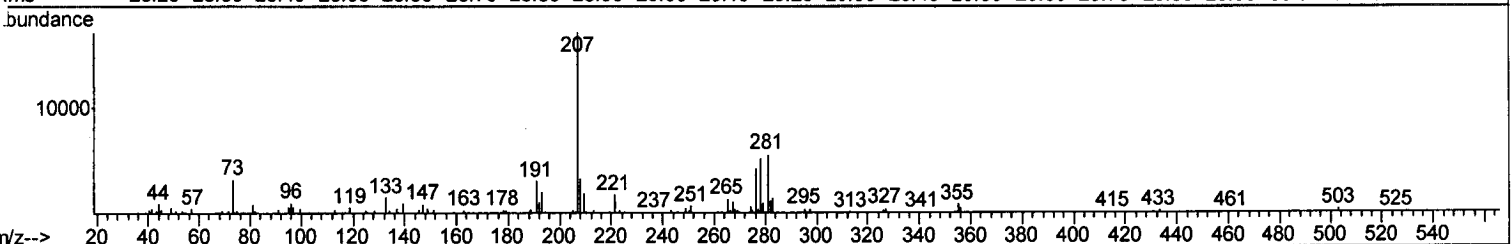
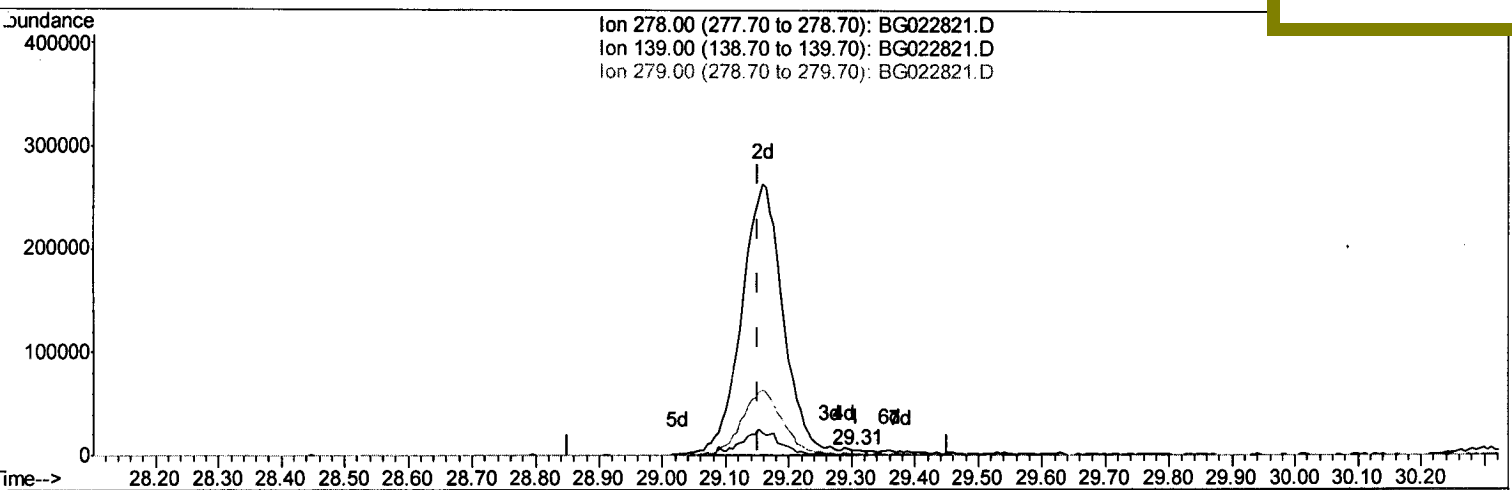
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Sample : SSTDCCC020
Misc :
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Instrument :
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Manual Integrati

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(90) Dibenzo(a,h)anthracene

29.306min (+0.155) 0.08ng/ul

response 4256

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	20.42
279.00	23.90	20.55
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	8.16	152	103802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	476042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	374683	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	942309	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1059153	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1089789	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	17065	9.19	ng/uL	0.00
5) Phenol-d5	7.31	99	209707	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	128487	20.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	138903	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	162359	19.14	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	71392	18.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	88162	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	178041	18.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	188133	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	629751	20.69	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	707689	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	96639	20.22	ng/ul	0.00
57) Fluorene-d10	15.79	176	584067	20.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	119982	19.80	ng/ul	0.00
70) Anthracene-d10	17.65	188	889451	20.31	ng/ul	0.00
76) Pyrene-d10	19.93	212	1062528	21.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1027199m	19.84	ng/ul	0.00

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Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.58	88	20495	9.41	ng/uL#	86
4) Benzaldehyde	7.29	77	154963	22.32	ng/ul#	82
6) Phenol	7.33	94	220956	19.76	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.57	93	159804	20.90	ng/ul#	82
10) 2-Chlorophenol	7.72	128	138685	18.69	ng/ul#	83
11) 2-Methylphenol	8.59	108	160121	19.06	ng/ul	82
12) 2,2'-oxybis(1-Chloropropan	8.69	45	185348	21.56	ng/ul	99
14) Acetophenone	8.98	105	279241	20.39	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.96	70	169713	20.62	ng/ul#	87
16) 4-Methylphenol	8.93	108	182945	19.59	ng/ul	92
17) Hexachloroethane	9.25	117	67203	21.27	ng/ul#	78
20) Nitrobenzene	9.38	77	233438	20.00	ng/ul#	82
21) Isophorone	9.89	82	442398	21.25	ng/ul#	89
23) 2-Nitrophenol	10.09	139	99790	20.54	ng/ul#	58
24) 2,4-Dimethylphenol	10.14	107	227247	19.54	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.38	93	246314	20.05	ng/ul	93
27) 2,4-Dichlorophenol	10.63	162	176302	18.32	ng/ul	93
28) Naphthalene	11.04	128	497976	20.46	ng/ul	97
30) 4-Chloroaniline	11.14	127	184620	22.30	ng/ul	97
31) Hexachlorobutadiene	11.32	225	152246	20.54	ng/ul	99
32) Caprolactam	11.90	113	62309m	19.40	ng/ul	82
33) 4-Chloro-3-methylphenol	12.26	107	227543	18.69	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	410219	20.37	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	283444	20.24	ng/ul#	95
37) Hexachlorocyclopentadiene	12.98	237	168557	19.93	ng/ul	92
38) 2,4,6-Trichlorophenol	13.24	196	180764	18.71	ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	192139	18.90	ng/ul	93
40) 1,1'-Biphenyl	13.64	154	581720	20.42	ng/ul#	93
41) 2-Chloronaphthalene	13.68	162	459565	19.92	ng/ul	99
42) 2-Nitroaniline	13.88	65	177054	19.84	ng/ul#	61
44) Dimethylphthalate	14.24	163	633597	20.39	ng/ul	99
45) 2,6-Dinitrotoluene	14.38	165	136099	20.23	ng/ul	91
47) Acenaphthylene	14.53	152	731698	20.83	ng/ul	99
48) 3-Nitroaniline	14.71	138	113245	21.54	ng/ul#	54
49) Acenaphthene	14.87	153	472053	19.78	ng/ul	93
50) 2,4-Dinitrophenol	14.91	184	76242	20.39	ng/ul#	89
52) 4-Nitrophenol	15.01	109	126880	20.88	ng/ul#	59
53) Dibenzofuran	15.20	168	756468	20.52	ng/ul#	85
54) 2,4-Dinitrotoluene	15.16	165	191777	19.71	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.42	232	201190	19.44	ng/ul#	99
56) Diethylphthalate	15.60	149	650852	20.61	ng/ul	96
58) Fluorene	15.85	166	598597	20.21	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.83	204	350778	19.77	ng/ul	94
60) 4-Nitroaniline	15.87	138	136162	21.56	ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.92	198	124165	19.33	ng/ul#	91
64) N-Nitrosodiphenylamine	16.05	169	557684	20.10	ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	242513	19.24	ng/ul	99
66) Hexachlorobenzene	16.86	284	270621	20.28	ng/ul	96
67) Atrazine	17.00	200	245689	21.23	ng/ul	96
68) Pentachlorophenol	17.20	266	156732m	20.43	ng/ul	98
69) Phenanthrene	17.60	178	1013061	21.02	ng/ul	
71) Anthracene	17.69	178	1033115	20.86	ng/ul	99
72) Carbazole	17.96	167	860482	23.48	ng/ul	96
73) Di-n-butylphthalate	18.50	149	1010352	21.48	ng/ul#	94
74) Fluoranthene	19.61	202	1220154	24.30	ng/ul#	86
77) Pvrene	19.96	202	1256461	21.19	ng/ul#	85
78) Butylbenzylphthalate	20.84	149	477756	20.78	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.74	252	459239	22.90	ng/ul#	92
80) Benzo(a)anthracene	21.84	228	1324141	21.31	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	656038	22.11	ng/ul#	95
82) Chrysene	21.91	228	1183277	20.92	ng/ul	99
84) Di-n-octyl phthalate	22.98	149	1125089	23.43	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1343754m	19.73	ng/ul	89
86) Benzo(k)fluoranthene	24.22	252	1311380	20.50	ng/ul#	
88) Benzo(a)pyrene	25.08	252	1279697	19.78	ng/ul#	
89) Indeno(1,2,3-cd)pyrene	29.08	276	1439047	21.04	ng/ul#	
90) Dibenzo(a,h)anthracene	29.16	278	1208624m	21.37	ng/ul	81
91) Benzo(g,h,i)perylene	30.30	276	1209747	22.56	ng/ul#	80

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