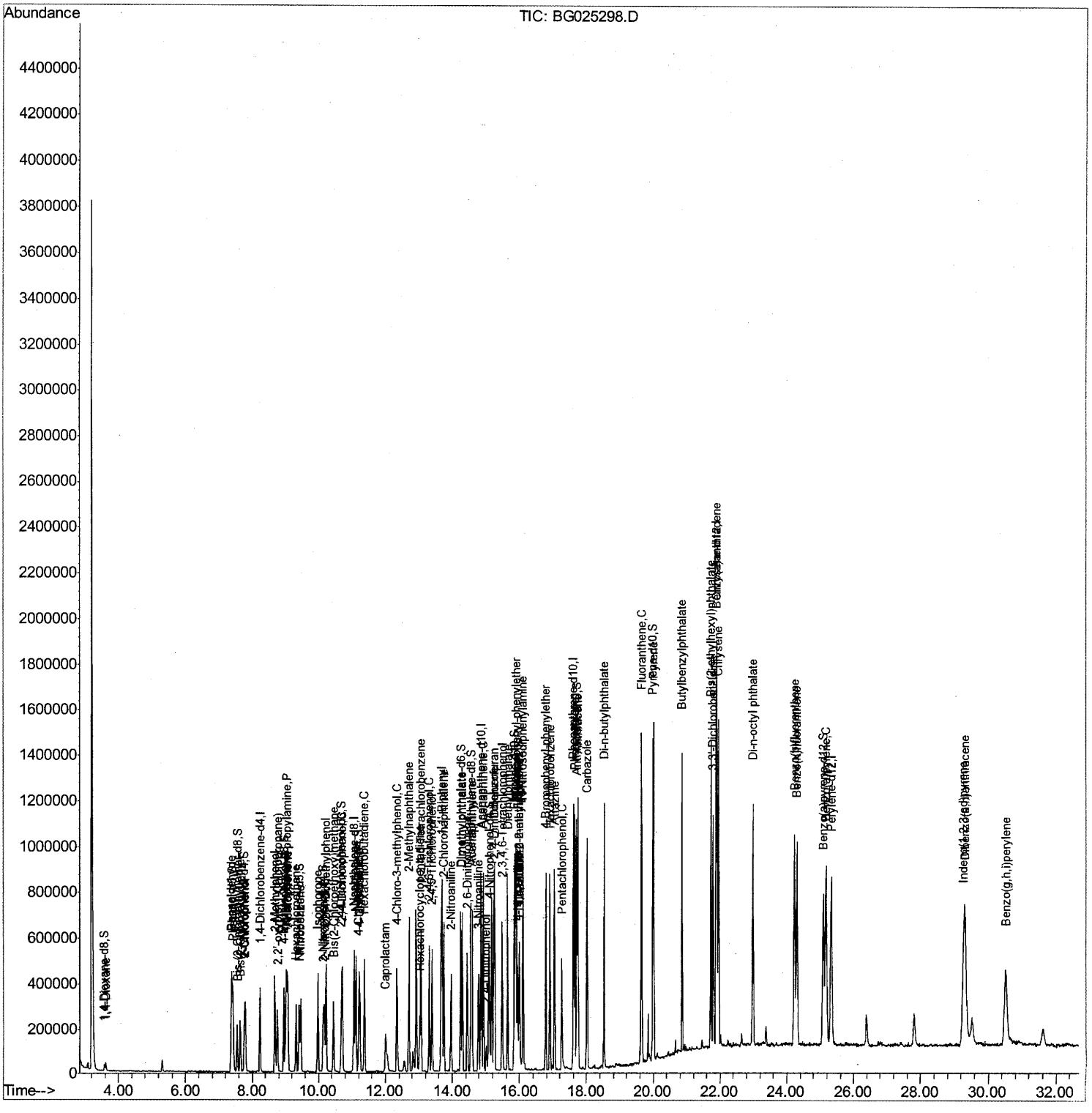
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121716\
Data File : BG025298.D
Acq On : 18 Dec 2016 6:39
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 18 07:36:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
umangi
12/20/2016 10:55:31 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121716\
Data File : BG025298.D
Acq On : 18 Dec 2016 6:39
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 21 13:50:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
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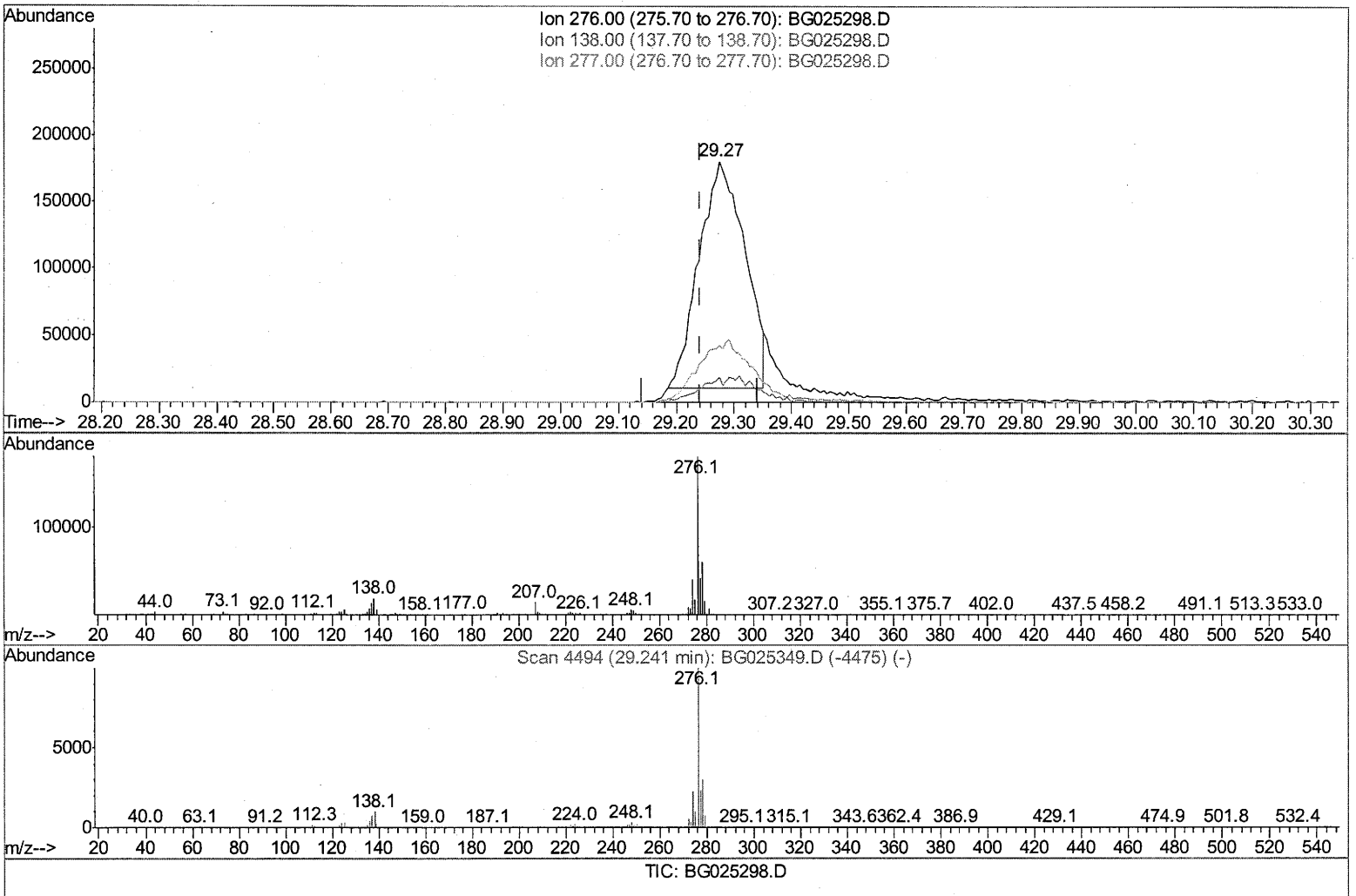

(89) Indeno(1,2,3-cd)pyrene

29.274min (+0.032) 16.47ng/ul

response 931544

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	10.49
277.00	23.30	23.64
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG025298.D
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Manual Integrations APPROVED
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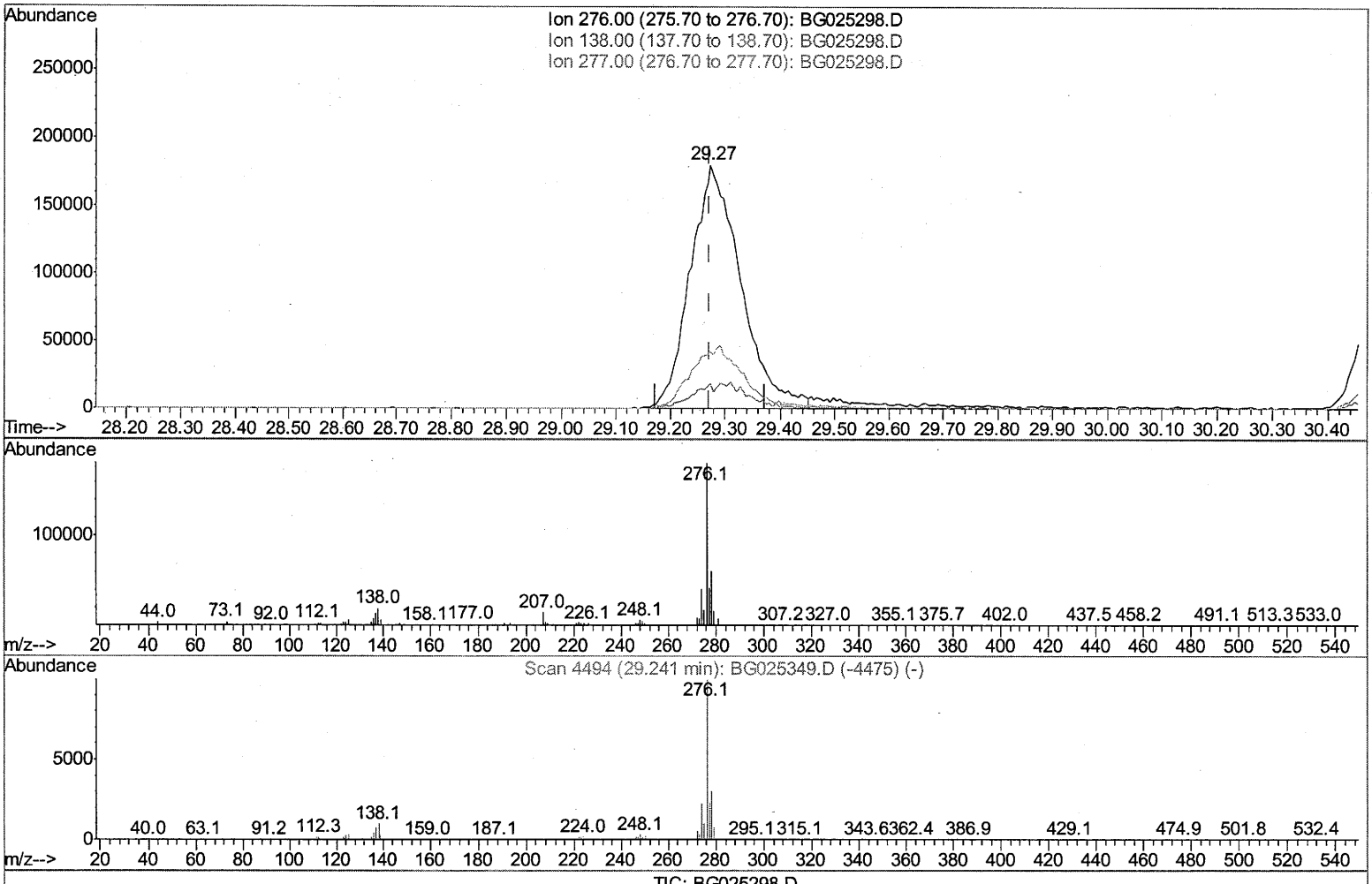

TIC: BG025298.D

(89) Indeno(1,2,3-cd)pyrene

29.274min (+0.002) 20.47ng/ul m

response 1153730

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	10.49
277.00	23.30	23.64
0.00	0.00	0.00

UM 12/21/16

Quantitation Report (Qedit)

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Data File : BG025298.D
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Misc :
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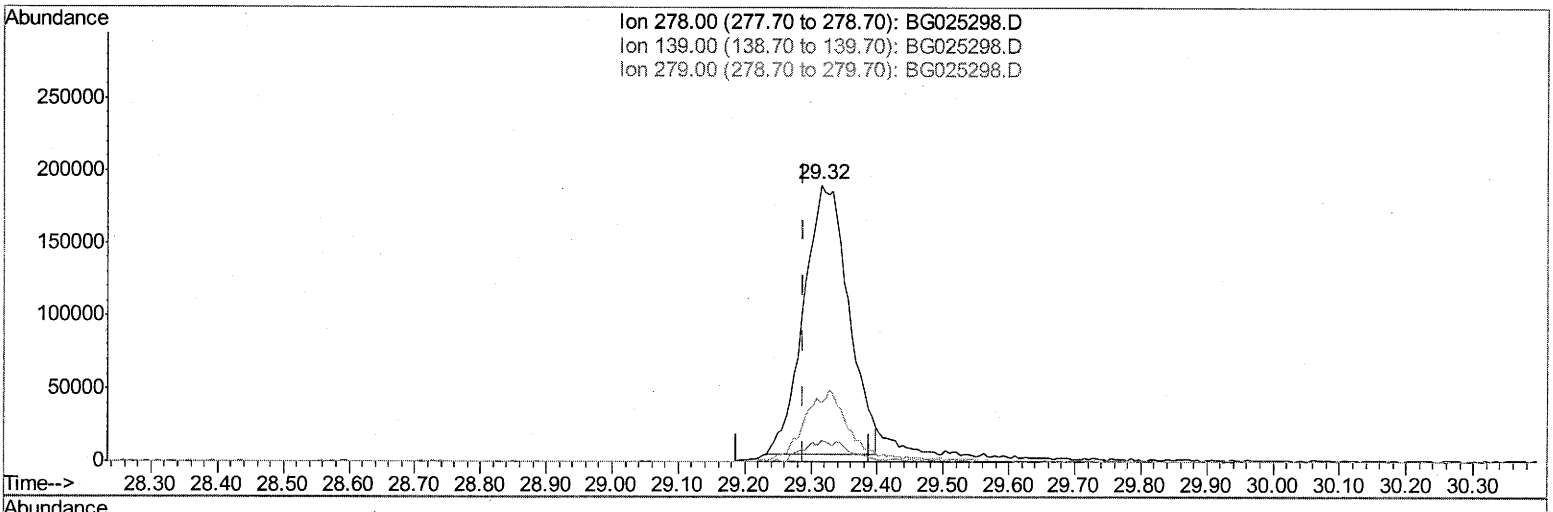
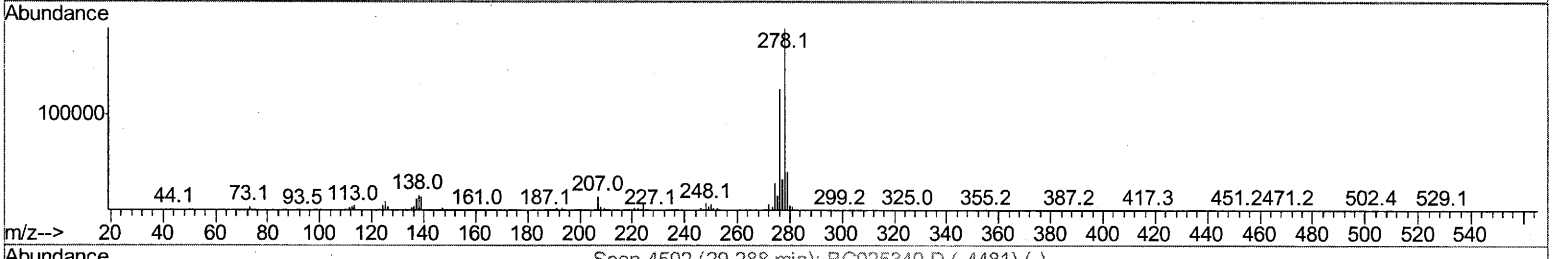
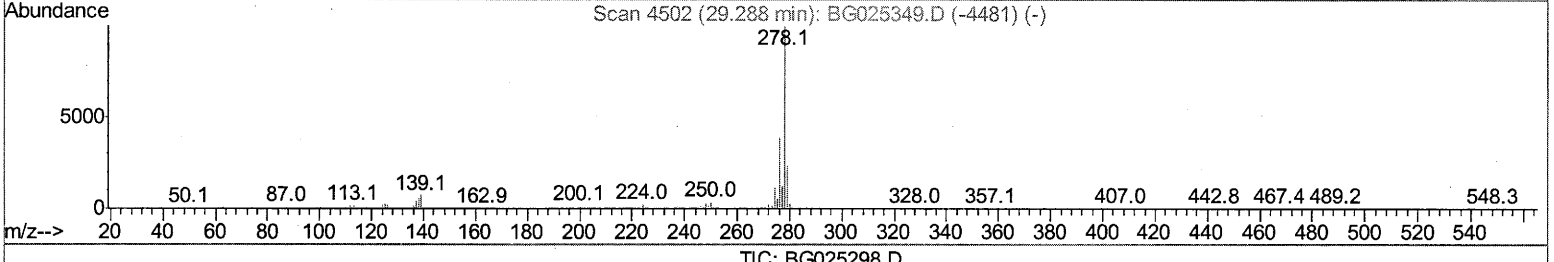
12/20/2016 10:55:31 AM







TIC: BG025298.D

(90) Dibenzo(a,h)anthracene

29.315min (+0.026) 18.33ng/ul

response 873443

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.91
279.00	26.10	21.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121716\
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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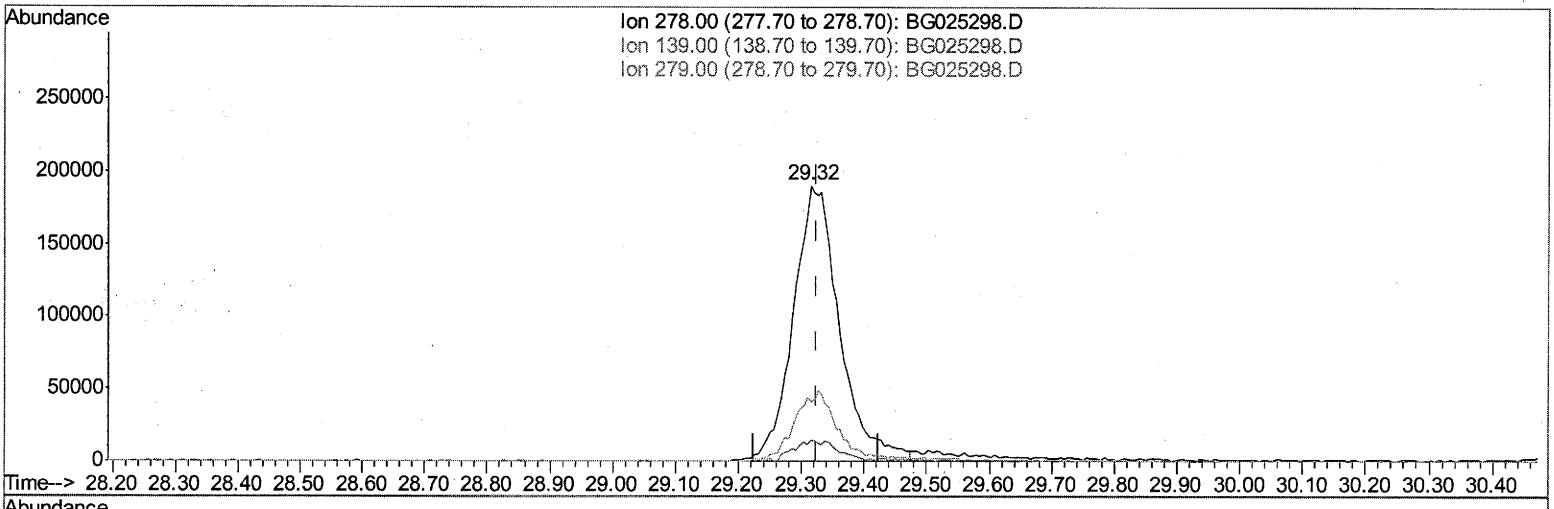

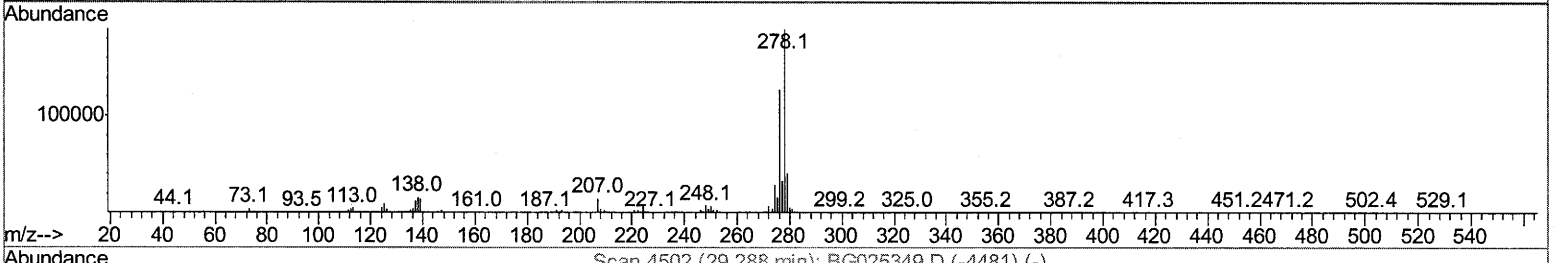

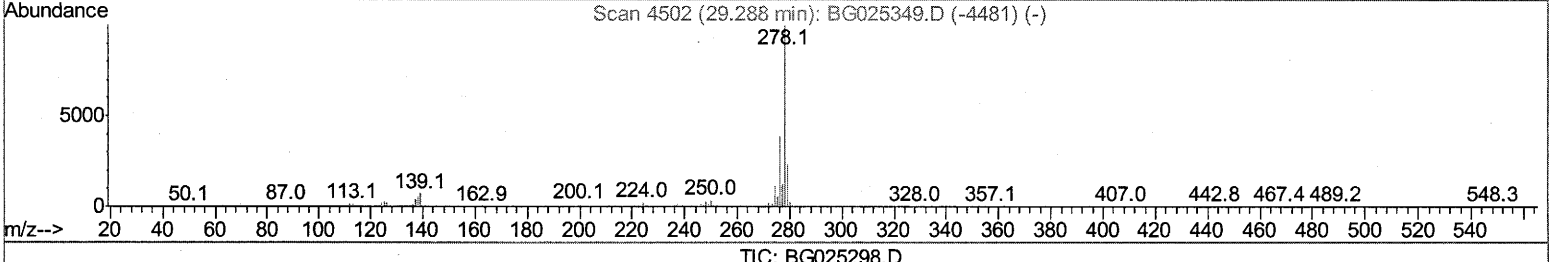

TIC: BG025298.D

(90) Dibenzo(a,h)anthracene

29.315min (-0.010) 20.68ng/ul m

response 982039

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.91
279.00	26.10	21.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
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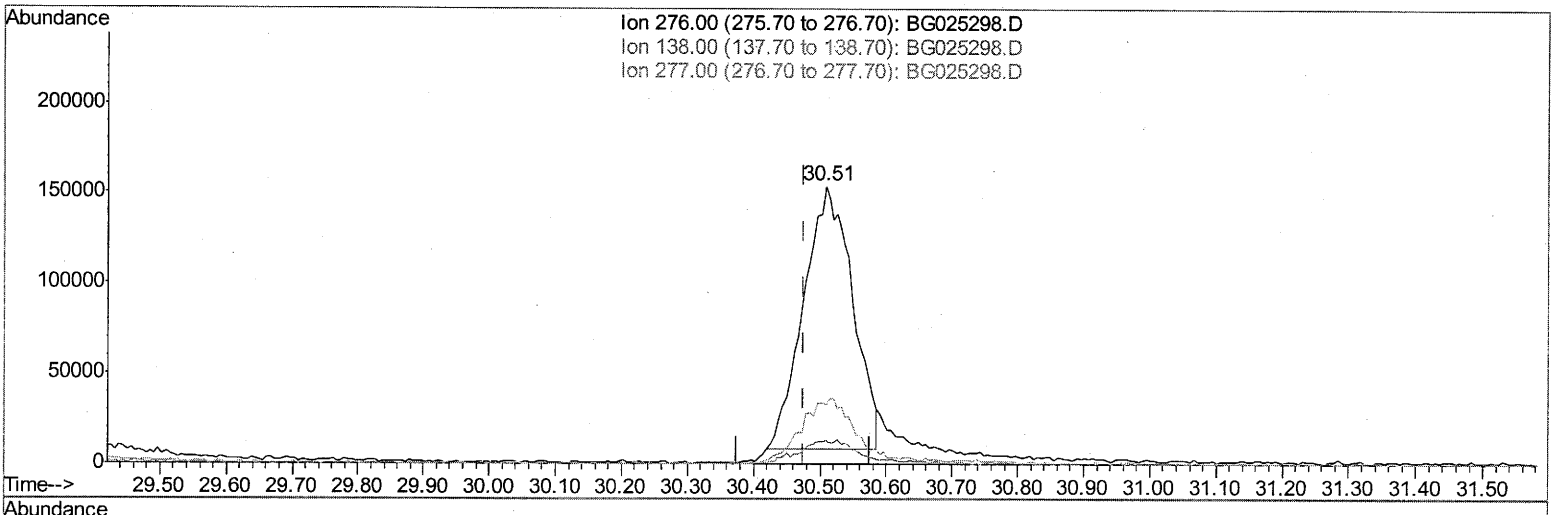
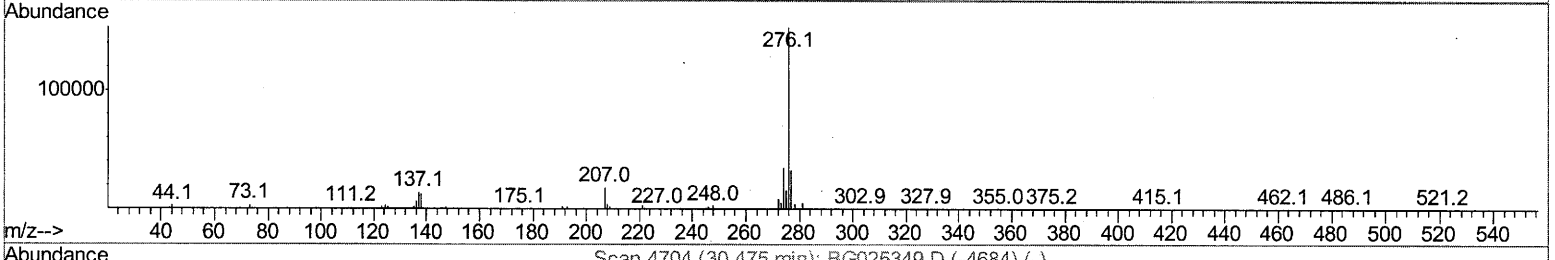
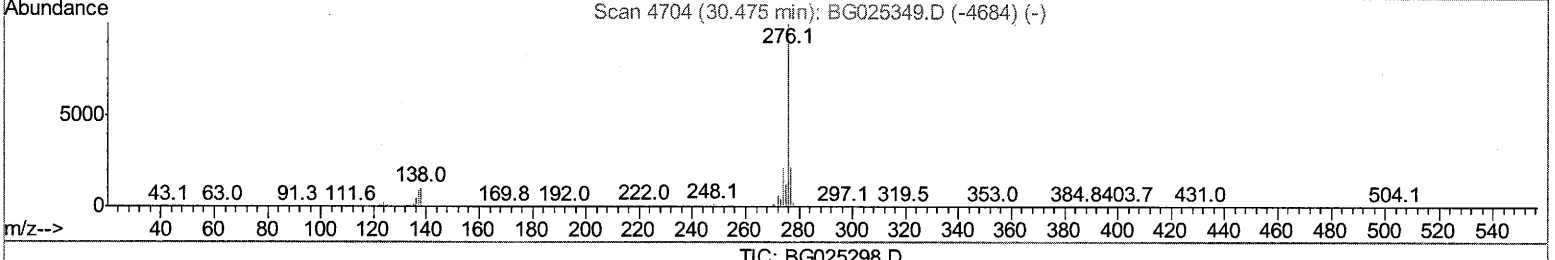
12/20/2016 10:55:31 AM







TIC: BG025298.D

(91) Benzo(g,h,i)perylene

30.508min (+0.032) 15.76ng/ul

response 743996

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.62
277.00	22.00	21.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
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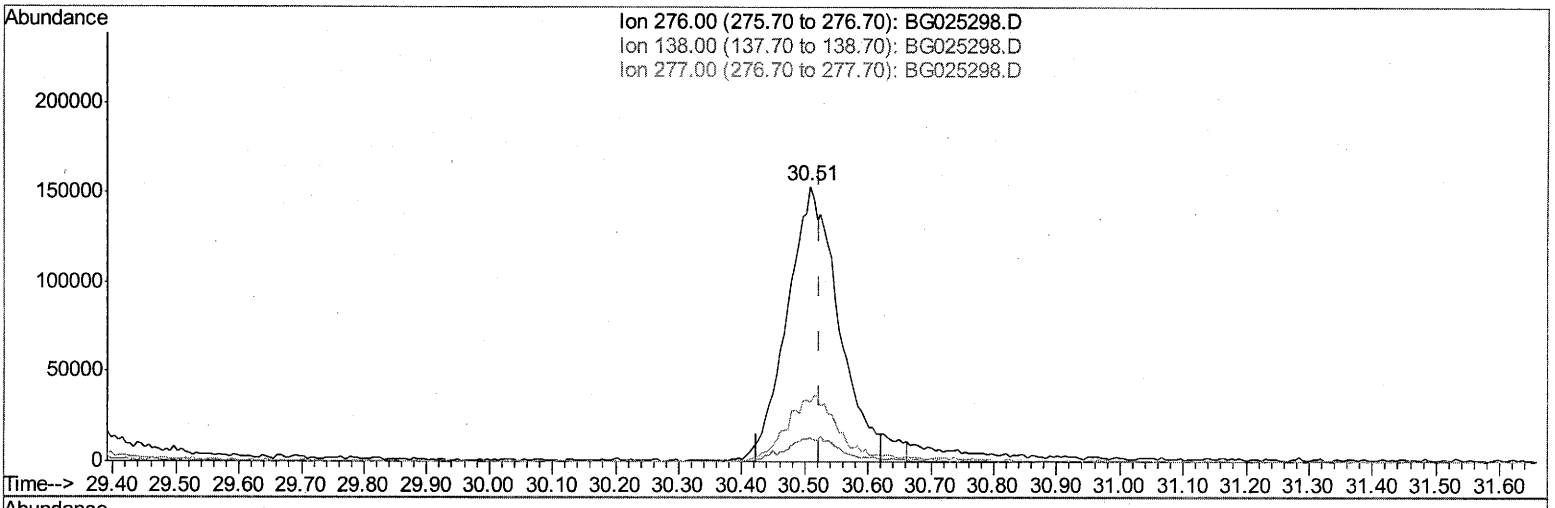

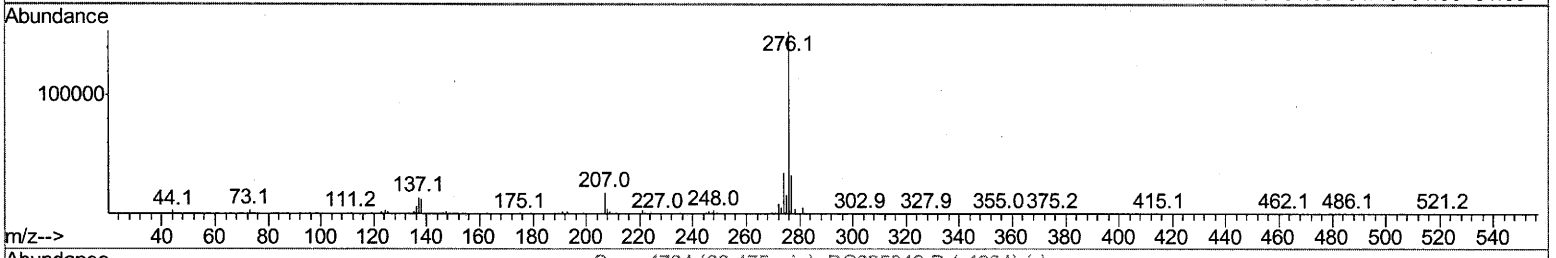

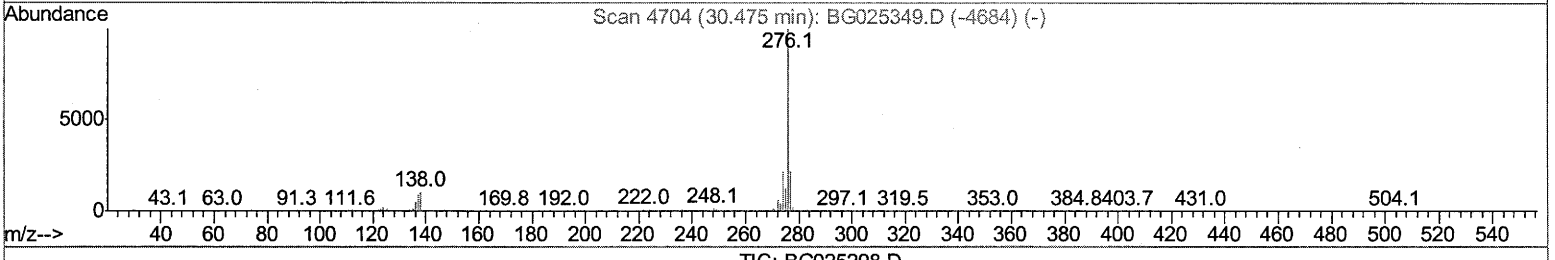

TIC: BG025298.D

(91) Benzo(g,h,i)perylene

30.508min (-0.016) 19.22ng/ul m

response 904421

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12/21/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.62
277.00	22.00	21.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02019

Manual Integrations APPROVED
umangi
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Quant Time: Dec 18 07:36:55 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	101629	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	418574	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	321997	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	714830	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	940915	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	951349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	15441	7.85	ng/uL	0.00
5) Phenol-d5	7.39	99	173576	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	111730	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	126105	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	143349	19.56	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	63441	21.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.14	143	78172	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	151478	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	165418	23.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	447174	20.19	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	509782	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	76283	20.04	ng/ul	0.00
57) Fluorene-d10	15.84	176	430242	20.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	87523	19.80	ng/ul	0.00
70) Anthracene-d10	17.70	188	643990	21.34	ng/ul	0.00
76) Pyrene-d10	19.97	212	798242	20.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	834861	21.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	17292	6.75	ng/uL#	89
4) Benzaldehyde	7.37	77	139539	21.14	ng/ul	98
6) Phenol	7.42	94	184935	20.55	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.64	93	129352	19.64	ng/ul	92
10) 2-Chlorophenol	7.79	128	123445	20.03	ng/ul	92
11) 2-Methylphenol	8.68	108	135938	20.52	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.76	45	237710	21.23	ng/ul	99
14) Acetophenone	9.07	105	217092	19.47	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.04	70	122838	19.07	ng/ul	98
16) 4-Methylphenol	9.01	108	143496	19.47	ng/ul	89
17) Hexachloroethane	9.32	117	56199	20.58	ng/ul	94
20) Nitrobenzene	9.46	77	195597	21.47	ng/ul	99
21) Isophorone	9.97	82	327151	18.98	ng/ul	98
23) 2-Nitrophenol	10.17	139	80466	21.47	ng/ul	93
24) 2,4-Dimethylphenol	10.22	107	175491	20.47	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.45	93	179952	20.49	ng/ul	93
27) 2,4-Dichlorophenol	10.71	162	147479	21.37	ng/ul	94
28) Naphthalene	11.11	128	396591	20.38	ng/ul	98
30) 4-Chloroaniline	11.22	127	169527	23.74	ng/ul	95
31) Hexachlorobutadiene	11.37	225	128997	21.75	ng/ul	93
32) Caprolactam	12.00	113	52327	18.26	ng/ul	97
33) 4-Chloro-3-methylphenol	12.34	107	169222	19.90	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	302100	19.67	ng/ul	94

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
LabSampleId : SSTD02019

Manual Integrations APPROVED
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12/20/2016 10:55:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	217531	22.41	ng/ul#	92
37) Hexachlorocyclopentadiene	13.02	237	74666	13.11	ng/ul	92
38) 2,4,6-Trichlorophenol	13.30	196	134871	22.12	ng/ul	88
39) 2,4,5-Trichlorophenol	13.39	196	142632	21.35	ng/ul	99
40) 1,1'-Biphenyl	13.69	154	422526	21.64	ng/ul	96
41) 2-Chloronaphthalene	13.75	162	333285	21.45	ng/ul	98
42) 2-Nitroaniline	13.96	65	140731	23.14	ng/ul	96
44) Dimethylphthalate	14.30	163	437867	20.12	ng/ul	96
45) 2,6-Dinitrotoluene	14.44	165	98388	21.04	ng/ul	92
47) Acenaphthylene	14.59	152	499182	21.16	ng/ul	100
48) 3-Nitroaniline	14.78	138	89458	22.08	ng/ul#	78
49) Acenaphthene	14.92	153	346155	21.42	ng/ul	98
50) 2,4-Dinitrophenol	15.01	184	31341	10.31	ng/ul#	77
52) 4-Nitrophenol	15.10	109	95794	20.92	ng/ul	87
53) Dibenzofuran	15.25	168	531398	20.79	ng/ul	97
54) 2,4-Dinitrotoluene	15.23	165	143047	20.29	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.48	232	148721	21.06	ng/ul#	95
56) Diethylphthalate	15.64	149	445703	19.34	ng/ul	97
58) Fluorene	15.90	166	421467	20.26	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.88	204	231433	19.75	ng/ul	96
60) 4-Nitroaniline	15.94	138	100857	20.65	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.00	198	89238	19.49	ng/ul#	89
64) N-Nitrosodiphenylamine	16.10	169	393513	21.40	ng/ul	95
65) 4-Bromophenyl-phenylether	16.77	248	174017	21.55	ng/ul	96
66) Hexachlorobenzene	16.90	284	195926	21.55	ng/ul	94
67) Atrazine	17.04	200	174662	19.98	ng/ul	96
68) Pentachlorophenol	17.26	266	107101	19.62	ng/ul	90
69) Phenanthrene	17.64	178	726922	21.31	ng/ul	98
71) Anthracene	17.73	178	748406	21.34	ng/ul	99
72) Carbazole	18.01	167	663236	22.66	ng/ul	99
73) Di-n-butylphthalate	18.52	149	771462	20.88	ng/ul	99
74) Fluoranthene	19.64	202	940799	23.21	ng/ul	97
77) Pyrene	20.00	202	945067	20.89	ng/ul	98
78) Butylbenzylphthalate	20.85	149	396485	22.39	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.78	252	403807	24.62	ng/ul	98
80) Benzo(a)anthracene	21.88	228	1048989	21.46	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	522742	21.45	ng/ul	99
82) Chrysene	21.95	228	975350	21.33	ng/ul	99
84) Di-n-octyl phthalate	22.98	149	904630	23.42	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	992043	21.03	ng/ul	100
86) Benzo(k)fluoranthene	24.30	252	985344	21.97	ng/ul	95
88) Benzo(a)pyrene	25.16	252	961045	21.19	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.27	276	1153730m	20.47	ng/ul	
90) Dibenzo(a,h)anthracene	29.32	278	982039m	20.68	ng/ul	
91) Benzo(g,h,i)perylene	30.51	276	904421m	19.22	ng/ul	

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